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	32.00	32.16	32.05	33.10	23.00	23.16	23.05	24.10
GPRS/EDGE(GMSK) 1 Tx slot	31.90	32.12	32.00	33.10	22.90	23.12	23.00	24.10
GPRS/EDGE(GMSK) 2 Tx slots	29.50	29.63	29.55	30.60	23.50	23.63	23.55	24.60
GPRS/EDGE(GMSK) 3 Tx slots	27.96	28.11	28.09	29.10	23.70	23.85	23.83	24.84
GPRS/EDGE(GMSK) 4 Tx slots	26.88	27.05	26.93	27.60	23.88	24.05	23.93	24.60
EDGE 1 Tx slot	26.28	26.30	26.35	26.80	17.28	17.30	17.35	17.80
EDGE 2 Tx slot	25.20	25.25	25.18	25.60	19.20	19.25	19.18	19.60
EDGE 3 Tx slot	23.00	23.03	22.98	23.60	18.74	18.77	18.72	19.34
EDGE 4 Tx slot	21.43	21.45	21.37	22.10	18.43	18.45	18.37	19.10

GSM850_Ant1	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	32.16	32.17	32.05	33.50	23.16	23.17	23.05	24.50
GPRS/EDGE(GMSK) 1 Tx slot	32.12	32.15	32.01	33.50	23.12	23.15	23.01	24.50
GPRS/EDGE(GMSK) 2 Tx slots	29.59	29.70	29.65	31.00	23.59	23.70	23.65	25.00
GPRS/EDGE(GMSK) 3 Tx slots	28.01	28.13	28.05	29.50	23.75	23.87	23.79	25.24
GPRS/EDGE(GMSK) 4 Tx slots	26.94	27.08	26.97	28.00	23.94	24.08	23.97	25.00
EDGE 1 Tx slot	26.17	26.30	26.29	27.20	17.17	17.30	17.29	18.20
EDGE 2 Tx slot	25.00	25.12	25.00	26.00	19.00	19.12	19.00	20.00
EDGE 3 Tx slot	22.95	22.96	22.88	24.00	18.69	18.70	18.62	19.74
EDGE 4 Tx slot	21.23	21.35	21.26	22.50	18.23	18.35	18.26	19.50

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	29.80	29.83	29.85	30.50	20.80	20.83	20.85	21.50
GPRS/EDGE(GMSK) 1 Tx slot	29.78	29.80	29.78	30.50	20.78	20.80	20.78	21.50
GPRS/EDGE(GMSK) 2 Tx slots	27.27	27.42	27.31	28.50	21.27	21.42	21.31	22.50
GPRS/EDGE(GMSK) 3 Tx slots	25.77	25.83	25.73	26.50	21.51	21.57	21.47	22.24
GPRS/EDGE(GMSK) 4 Tx slots	24.61	24.65	24.53	25.00	21.61	21.65	21.53	22.00
EDGE 1 Tx slot	25.64	25.70	25.56	26.50	16.64	16.70	16.56	17.50
EDGE 2 Tx slot	23.83	23.85	23.82	24.50	17.83	17.85	17.82	18.50
EDGE 3 Tx slot	21.62	21.70	21.57	22.50	17.36	17.44	17.31	18.24
EDGE 4 Tx slot	20.62	20.69	20.65	21.50	17.62	17.69	17.65	18.50

GSM1900_Ant 6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.43	29.48	29.42	29.70	20.43	20.48	20.42	20.70
GPRS/EDGE(GMSK) 1 Tx slot	29.41	29.45	29.39	29.70	20.41	20.45	20.39	20.70
GPRS/EDGE(GMSK) 2 Tx slots	26.90	26.95	26.88	27.70	20.90	20.95	20.88	21.70
GPRS/EDGE(GMSK) 3 Tx slots	25.28	25.33	25.30	25.70	21.02	21.07	21.04	21.44
GPRS/EDGE(GMSK) 4 Tx slots	24.15	24.19	24.12	24.20	21.15	21.19	21.12	21.20
EDGE 1 Tx slot	25.31	25.48	25.39	25.70	16.31	16.48	16.39	16.70
EDGE 2 Tx slot	23.23	23.46	23.37	23.70	17.23	17.46	17.37	17.70
EDGE 3 Tx slot	21.09	21.30	21.20	21.70	16.83	17.04	16.94	17.44
EDGE 4 Tx slot	20.31	20.50	20.48	20.70	17.31	17.50	17.48	17.70

Band		WCDMA II_Ant 5			Tune-up Limit (dBm)	WCDMA II_Ant 6			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.03	23.08	23.00	23.80	22.77	22.83	22.79	23.40
3GPP Rel 99	RMC 12.2Kbps	23.05	23.10	23.02	23.80	22.80	22.88	22.85	23.40
3GPP Rel 6	HSDPA Subtest-1	21.99	22.09	22.00	22.80	21.84	21.89	21.77	22.40
3GPP Rel 6	HSDPA Subtest-2	22.00	22.07	21.97	22.80	21.83	21.87	21.80	22.40
3GPP Rel 6	HSDPA Subtest-3	21.56	21.60	21.51	22.30	21.35	21.42	21.31	21.90
3GPP Rel 6	HSDPA Subtest-4	21.48	21.56	21.49	22.30	21.30	21.38	21.29	21.90
3GPP Rel 8	DC-HSDPA Subtest-1	21.88	22.08	21.96	22.80	21.69	21.82	21.73	22.40
3GPP Rel 8	DC-HSDPA Subtest-2	21.88	22.02	21.90	22.80	21.73	21.78	21.69	22.40
3GPP Rel 8	DC-HSDPA Subtest-3	21.55	21.57	21.42	22.30	21.30	21.28	21.19	21.90
3GPP Rel 8	DC-HSDPA Subtest-4	21.37	21.43	21.46	22.30	21.27	21.25	21.22	21.90
3GPP Rel 6	HSUPA Subtest-1	21.05	21.12	21.04	22.80	20.85	20.96	20.87	22.40
3GPP Rel 6	HSUPA Subtest-2	21.04	21.10	21.05	22.80	20.82	20.93	20.85	22.40
3GPP Rel 6	HSUPA Subtest-3	21.06	21.13	21.05	22.80	20.85	20.91	20.88	22.40
3GPP Rel 6	HSUPA Subtest-4	20.55	20.65	20.60	22.30	20.40	20.45	20.38	21.90
3GPP Rel 6	HSUPA Subtest-5	22.00	22.10	22.00	23.80	21.80	21.90	21.80	23.40
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.07	21.10	21.04	22.30	20.81	20.92	20.87	21.90

Band		WCDMA IV_Ant5			Tune-up Limit (dBm)	WCDMA IV_Ant6			Tune-up Limit (dBm)	WCDMA IV_Ant11			Tune-up Limit (dBm)	WCDMA IV_Ant7			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.08	24.12	24.10	24.80	23.88	23.91	23.85	24.40	23.66	23.72	23.62	24.30	20.78	20.80	20.77	21.60
3GPP Rel 99	RMC 12.2Kbps	24.12	24.15	24.13	24.80	23.90	23.95	23.92	24.40	23.70	23.75	23.68	24.30	20.80	20.88	20.83	21.60
3GPP Rel 6	HSDPA Subtest-1	23.17	23.18	23.18	23.80	22.98	22.99	23.01	23.40	22.74	22.66	22.75	23.30	19.99	19.88	19.83	20.60
3GPP Rel 6	HSDPA Subtest-2	23.13	23.11	23.14	23.80	22.96	22.97	22.99	23.40	22.72	22.61	22.71	23.30	19.97	19.90	19.85	20.60
3GPP Rel 6	HSDPA Subtest-3	22.70	22.63	22.71	23.30	22.50	22.49	22.52	22.90	22.24	22.19	22.25	22.80	19.45	19.37	19.34	20.10
3GPP Rel 6	HSDPA Subtest-4	22.63	22.62	22.65	23.30	22.43	22.51	22.48	22.90	22.20	22.15	22.23	22.80	19.47	19.40	19.30	20.10
3GPP Rel 8	DC-HSDPA Subtest-1	23.11	23.07	23.16	23.80	22.96	22.88	22.86	23.40	22.73	22.65	22.63	23.30	19.92	19.78	19.77	20.60
3GPP Rel 8	DC-HSDPA Subtest-2	23.04	22.98	23.08	23.80	22.83	22.88	22.98	23.40	22.66	22.46	22.66	23.30	19.89	19.89	19.84	20.60
3GPP Rel 8	DC-HSDPA Subtest-3	22.64	22.59	22.62	23.30	22.37	22.47	22.40	22.90	22.13	22.08	22.14	22.80	19.44	19.24	19.28	20.10
3GPP Rel 8	DC-HSDPA Subtest-4	22.51	22.50	22.50	23.30	22.33	22.49	22.45	22.90	22.18	22.14	22.08	22.80	19.36	19.32	19.18	20.10
3GPP Rel 6	HSUPA Subtest-1	22.18	22.14	22.22	22.80	22.02	22.07	22.04	22.40	21.70	21.69	21.72	22.30	19.03	18.83	18.86	19.60
3GPP Rel 6	HSUPA Subtest-2	22.21	22.16	22.25	22.80	22.10	22.08	22.05	22.40	21.74	21.66	21.76	22.30	19.00	18.90	18.84	19.60
3GPP Rel 6	HSUPA Subtest-3	22.21	22.15	22.18	22.80	22.03	22.06	22.02	22.40	21.68	21.72	21.70	22.30	18.82	18.89	18.86	19.60
3GPP Rel 6	HSUPA Subtest-4	21.70	21.70	21.72	22.30	21.54	21.56	21.55	21.90	21.32	21.16	21.27	21.80	18.50	18.38	18.44	19.10
3GPP Rel 6	HSUPA Subtest-5	23.20	23.20	23.20	23.80	23.00	23.00	23.00	23.40	22.80	22.70	22.80	23.30	20.00	19.90	19.90	20.60
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.98	22.09	22.05	23.80	21.84	21.87	21.76	23.40	21.76	21.82	21.72	23.30	18.84	18.92	18.91	20.60

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	23.85	23.83	23.82	24.40	24.20	24.23	24.25	24.80
3GPP Rel 99	RMC 12.2Kbps	23.86	23.87	23.84	24.40	24.24	24.28	24.27	24.80
3GPP Rel 6	HSDPA Subtest-1	22.85	22.84	22.87	23.40	23.30	23.24	23.33	23.80
3GPP Rel 6	HSDPA Subtest-2	22.83	22.84	22.84	23.40	23.29	23.26	23.29	23.80
3GPP Rel 6	HSDPA Subtest-3	22.37	22.35	22.41	22.90	22.83	22.80	22.89	23.30
3GPP Rel 6	HSDPA Subtest-4	22.33	22.35	22.34	22.90	22.81	22.73	22.85	23.30
3GPP Rel 8	DC-HSDPA Subtest-1	22.83	22.77	22.73	23.40	23.26	23.22	23.26	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	22.77	22.71	22.82	23.40	23.18	23.19	23.19	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	22.25	22.30	22.28	22.90	22.72	22.75	22.77	23.30
3GPP Rel 8	DC-HSDPA Subtest-4	22.25	22.31	22.30	22.90	22.73	22.67	22.73	23.30
3GPP Rel 6	HSUPA Subtest-1	21.84	21.82	21.86	22.40	22.25	22.26	22.29	22.80
3GPP Rel 6	HSUPA Subtest-2	21.83	21.83	21.85	22.40	22.28	22.28	22.28	22.80
3GPP Rel 6	HSUPA Subtest-3	21.84	21.84	21.86	22.40	22.29	22.27	22.28	22.80
3GPP Rel 6	HSUPA Subtest-4	21.38	21.34	21.36	21.90	21.81	21.73	21.83	22.30
3GPP Rel 6	HSUPA Subtest-5	22.80	22.80	22.90	23.40	23.30	23.30	23.30	23.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.75	21.86	21.84	23.40	22.25	22.31	22.21	23.80

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	23.13	23.24	23.13	23.8	0
20	QPSK	1	49	23.10	23.17	23.01		
20	QPSK	1	99	23.09	23.02	23.01		
20	QPSK	50	0	22.66	22.74	22.70	23.3	0.5
20	QPSK	50	24	22.62	22.71	22.64		
20	QPSK	50	50	22.61	22.64	22.64		
20	QPSK	100	0	22.62	22.70	22.61		
20	16QAM	1	0	23.16	22.86	23.10	23.3	0.5
20	16QAM	1	49	23.00	23.17	23.06		
20	16QAM	1	99	22.90	22.88	22.94		
20	16QAM	50	0	22.19	22.21	22.19	22.8	1
20	16QAM	50	24	22.14	22.18	22.13		
20	16QAM	50	50	22.19	22.14	22.07		
20	16QAM	100	0	22.13	22.20	22.17		
20	64QAM	1	0	21.71	21.90	21.83	22.8	1
20	64QAM	1	49	21.71	21.81	21.87		
20	64QAM	1	99	21.69	21.88	21.76		
20	64QAM	50	0	21.18	21.20	21.17	21.8	2
20	64QAM	50	24	21.15	21.21	21.10		
20	64QAM	50	50	21.14	21.12	21.08		
20	64QAM	100	0	21.10	21.17	21.11		
20	256QAM	1	0	17.21	17.35	17.20	18.8	5
20	256QAM	1	49	17.26	17.31	17.28		
20	256QAM	1	99	17.18	17.32	17.21		
20	256QAM	50	0	17.16	17.21	17.19	18.8	5
20	256QAM	50	24	17.09	17.24	17.22		
20	256QAM	50	50	17.20	17.25	17.21		
20	256QAM	100	0	17.19	17.27	17.17		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.99	23.04	22.87	23.8	0
15	QPSK	1	37	23.01	23.14	23.02		
15	QPSK	1	74	23.06	22.87	22.93		
15	QPSK	36	0	22.64	22.63	22.69	23.3	0.5
15	QPSK	36	20	22.55	22.61	22.59		
15	QPSK	36	39	22.58	22.55	22.49		
15	QPSK	75	0	22.60	22.55	22.60		
15	16QAM	1	0	23.14	22.81	23.04	23.3	0.5
15	16QAM	1	37	22.97	23.03	22.97		
15	16QAM	1	74	22.80	22.80	22.82		
15	16QAM	36	0	22.13	22.06	22.17	22.8	1
15	16QAM	36	20	22.11	22.15	21.99		
15	16QAM	36	39	22.12	22.03	21.95		
15	16QAM	75	0	22.06	22.19	22.16		
15	64QAM	1	0	21.60	21.76	21.75	22.8	1
15	64QAM	1	37	21.62	21.71	21.83		
15	64QAM	1	74	21.67	21.79	21.70		
15	64QAM	36	0	21.04	21.17	21.09	21.8	2
15	64QAM	36	20	21.14	21.14	21.00		
15	64QAM	36	39	20.99	21.11	20.94		
15	64QAM	75	0	21.06	21.13	20.97		
15	256QAM	1	0	17.18	17.34	17.18	18.8	5
15	256QAM	1	37	17.17	17.27	17.20		
15	256QAM	1	74	17.16	17.23	17.14		
15	256QAM	36	0	17.05	17.14	17.04	18.8	5
15	256QAM	36	20	17.05	17.14	17.07		
15	256QAM	36	39	17.10	17.13	17.16		
15	256QAM	75	0	17.08	17.25	17.05		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.97	23.05	22.98	23.8	0
10	QPSK	1	25	23.00	23.11	23.11		
10	QPSK	1	49	22.97	22.96	22.94		
10	QPSK	25	0	22.61	22.69	22.61	23.3	0.5
10	QPSK	25	12	22.52	22.65	22.59		
10	QPSK	25	25	22.59	22.53	22.54		
10	QPSK	50	0	22.61	22.57	22.46		
10	16QAM	1	0	23.11	22.83	22.95	23.3	0.5
10	16QAM	1	25	22.97	23.11	23.01		
10	16QAM	1	49	22.79	22.79	22.86		
10	16QAM	25	0	22.06	22.07	22.05	22.8	1
10	16QAM	25	12	22.06	22.13	22.00		
10	16QAM	25	25	22.11	22.11	21.96		
10	16QAM	50	0	21.98	22.07	22.02		
10	64QAM	1	0	21.61	21.79	21.68	22.8	1
10	64QAM	1	25	21.63	21.75	21.78		
10	64QAM	1	49	21.68	21.75	21.67		
10	64QAM	25	0	21.03	21.10	21.06	21.8	2
10	64QAM	25	12	21.10	21.18	21.07		
10	64QAM	25	25	21.10	21.11	21.03		
10	64QAM	50	0	20.95	21.12	21.00		
10	256QAM	1	0	17.20	17.30	17.19	18.8	5
10	256QAM	1	25	17.20	17.19	17.22		
10	256QAM	1	49	17.11	17.21	17.10		
10	256QAM	25	0	17.12	17.15	17.12	18.8	5
10	256QAM	25	12	16.98	17.09	17.20		
10	256QAM	25	25	17.09	17.16	17.15		
10	256QAM	50	0	17.13	17.23	17.12		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.99	23.08	23.00	23.8	0
5	QPSK	1	12	23.08	23.17	23.04		
5	QPSK	1	24	23.01	22.99	22.99		
5	QPSK	12	0	22.59	22.61	22.55	23.3	0.5
5	QPSK	12	7	22.61	22.69	22.51		
5	QPSK	12	13	22.47	22.50	22.58		
5	QPSK	25	0	22.47	22.55	22.57		
5	16QAM	1	0	23.04	22.78	23.03	23.3	0.5
5	16QAM	1	12	22.86	23.02	23.04		
5	16QAM	1	24	22.89	22.84	22.93		
5	16QAM	12	0	22.04	22.15	22.07	22.8	1
5	16QAM	12	7	22.00	22.14	21.98		
5	16QAM	12	13	22.14	22.10	21.95		
5	16QAM	25	0	22.01	22.11	22.05		
5	64QAM	1	0	21.56	21.88	21.69	22.8	1
5	64QAM	1	12	21.63	21.68	21.77		
5	64QAM	1	24	21.59	21.78	21.61		
5	64QAM	12	0	21.11	21.18	21.13	21.8	2
5	64QAM	12	7	21.01	21.09	21.05		
5	64QAM	12	13	21.12	21.02	21.01		
5	64QAM	25	0	20.97	21.04	21.07		
5	256QAM	1	0	17.08	17.27	17.12	18.8	5
5	256QAM	1	12	17.17	17.19	17.20		
5	256QAM	1	24	17.13	17.30	17.19		
5	256QAM	12	0	17.12	17.14	17.06	18.8	5
5	256QAM	12	7	17.06	17.20	17.14		
5	256QAM	12	13	17.16	17.21	17.17		
5	256QAM	25	0	17.16	17.12	17.08		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.02	23.11	23.00	23.8	0
3	QPSK	1	8	23.09	23.19	23.07		
3	QPSK	1	14	23.05	23.01	22.94		
3	QPSK	8	0	22.57	22.70	22.60	23.3	0.5
3	QPSK	8	4	22.48	22.66	22.56		
3	QPSK	8	7	22.46	22.56	22.54		
3	QPSK	15	0	22.50	22.69	22.54		
3	16QAM	1	0	23.03	22.73	23.02	23.3	0.5
3	16QAM	1	8	22.96	23.11	22.97		
3	16QAM	1	14	22.83	22.80	22.88		
3	16QAM	8	0	22.10	22.06	22.17	22.8	1
3	16QAM	8	4	22.12	22.11	22.00		
3	16QAM	8	7	22.08	22.10	21.93		
3	16QAM	15	0	22.08	22.13	22.16		
3	64QAM	1	0	21.68	21.79	21.70	22.8	1
3	64QAM	1	8	21.68	21.79	21.77		
3	64QAM	1	14	21.54	21.87	21.67		
3	64QAM	8	0	21.15	21.12	21.08	21.8	2
3	64QAM	8	4	21.06	21.06	20.95		
3	64QAM	8	7	21.04	20.98	20.99		
3	64QAM	15	0	21.09	21.03	21.02		
3	256QAM	1	0	17.08	17.24	17.18	18.8	5
3	256QAM	1	8	17.16	17.25	17.22		
3	256QAM	1	14	17.15	17.17	17.19		
3	256QAM	8	0	17.04	17.14	17.05	18.8	5
3	256QAM	8	4	16.99	17.17	17.13		
3	256QAM	8	7	17.16	17.12	17.09		
3	256QAM	15	0	17.18	17.25	17.02		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.96	23.15	22.89	23.8	0
1.4	QPSK	1	3	23.04	23.21	22.98		
1.4	QPSK	1	5	23.07	22.98	22.97		
1.4	QPSK	3	0	23.05	23.03	22.94		
1.4	QPSK	3	1	23.01	23.23	23.08		
1.4	QPSK	3	3	23.02	22.96	22.96		
1.4	QPSK	6	0	22.57	22.57	22.48	23.3	0.5
1.4	16QAM	1	0	23.14	22.71	22.95	23.3	0.5
1.4	16QAM	1	3	22.96	23.05	22.98		
1.4	16QAM	1	5	22.75	22.87	22.85		
1.4	16QAM	3	0	23.04	22.72	23.05		
1.4	16QAM	3	1	22.91	23.07	22.91		
1.4	16QAM	3	3	22.80	22.86	22.93		
1.4	16QAM	6	0	22.09	22.09	22.05	22.8	1
1.4	64QAM	1	0	21.68	21.75	21.69	22.8	1
1.4	64QAM	1	3	21.69	21.67	21.85		
1.4	64QAM	1	5	21.63	21.80	21.62		
1.4	64QAM	3	0	21.64	21.86	21.81		
1.4	64QAM	3	1	21.65	21.79	21.80		
1.4	64QAM	3	3	21.54	21.85	21.70		
1.4	64QAM	6	0	21.04	21.10	20.99	21.8	2
1.4	256QAM	1	0	17.18	17.22	17.05	18.8	5
1.4	256QAM	1	3	17.12	17.23	17.27		
1.4	256QAM	1	5	17.15	17.27	17.13		
1.4	256QAM	3	0	17.15	17.18	17.17		
1.4	256QAM	3	1	17.01	17.09	17.21		
1.4	256QAM	3	3	17.18	17.23	17.08		
1.4	256QAM	6	0	17.16	17.17	17.16	18.8	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	22.91	22.95	22.92	23.4	0
20	QPSK	1	49	22.87	22.86	22.88		
20	QPSK	1	99	22.77	22.78	22.90		
20	QPSK	50	0	22.47	22.52	22.49	22.9	0.5
20	QPSK	50	24	22.43	22.48	22.43		
20	QPSK	50	50	22.41	22.40	22.38		
20	QPSK	100	0	22.37	22.48	22.44		
20	16QAM	1	0	22.55	22.68	22.75	22.9	0.5
20	16QAM	1	49	22.55	22.59	22.59		
20	16QAM	1	99	22.53	22.52	22.72		
20	16QAM	50	0	21.98	22.00	21.97	22.4	1
20	16QAM	50	24	21.94	21.98	21.95		
20	16QAM	50	50	21.94	21.94	21.91		
20	16QAM	100	0	21.88	21.96	21.97		
20	64QAM	1	0	21.55	21.89	21.54	22.4	1
20	64QAM	1	49	21.60	21.80	21.54		
20	64QAM	1	99	21.62	21.69	21.59		
20	64QAM	50	0	20.96	20.94	20.98	21.4	2
20	64QAM	50	24	20.93	20.88	20.89		
20	64QAM	50	50	20.92	20.89	20.88		
20	64QAM	100	0	20.94	20.92	20.94		
20	256QAM	1	0	17.66	17.69	17.66	18.4	5
20	256QAM	1	49	17.50	17.61	17.53		
20	256QAM	1	99	17.59	17.68	17.66		
20	256QAM	50	0	17.57	17.68	17.66	18.4	5
20	256QAM	50	24	17.52	17.63	17.55		
20	256QAM	50	50	17.52	17.63	17.49		
20	256QAM	100	0	17.50	17.54	17.41		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.72	22.79	22.87	23.4	0
15	QPSK	1	37	22.90	22.86	22.81		
15	QPSK	1	74	22.74	22.68	22.85		
15	QPSK	36	0	22.42	22.40	22.47	22.9	0.5
15	QPSK	36	20	22.36	22.37	22.41		
15	QPSK	36	39	22.37	22.27	22.32		
15	QPSK	75	0	22.27	22.44	22.39		
15	16QAM	1	0	22.54	22.65	22.79	22.9	0.5
15	16QAM	1	37	22.56	22.68	22.79		
15	16QAM	1	74	22.59	22.55	22.69		
15	16QAM	36	0	21.90	21.95	21.84	22.4	1
15	16QAM	36	20	21.80	21.87	21.94		
15	16QAM	36	39	21.79	21.92	21.85		
15	16QAM	75	0	21.80	21.85	21.92		
15	64QAM	1	0	21.38	21.74	21.43	22.4	1
15	64QAM	1	37	21.31	21.66	21.45		
15	64QAM	1	74	21.42	21.67	21.54		
15	64QAM	36	0	20.87	20.87	20.91	21.4	2
15	64QAM	36	20	20.90	20.78	20.83		
15	64QAM	36	39	20.89	20.74	20.78		
15	64QAM	75	0	20.85	20.87	20.85		
15	256QAM	1	0	17.55	17.57	17.61	18.4	5
15	256QAM	1	37	17.36	17.50	17.46		
15	256QAM	1	74	17.47	17.62	17.61		
15	256QAM	36	0	17.46	17.56	17.55	18.4	5
15	256QAM	36	20	17.49	17.53	17.50		
15	256QAM	36	39	17.49	17.52	17.48		
15	256QAM	75	0	17.35	17.50	17.28		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.83	22.76	22.74	23.4	0
10	QPSK	1	25	22.83	22.82	22.83		
10	QPSK	1	49	22.76	22.76	22.87		
10	QPSK	25	0	22.37	22.45	22.48	22.9	0.5
10	QPSK	25	12	22.41	22.33	22.41		
10	QPSK	25	25	22.34	22.28	22.35		
10	QPSK	50	0	22.28	22.33	22.32		
10	16QAM	1	0	22.55	22.75	22.81	22.9	0.5
10	16QAM	1	25	22.55	22.59	22.84		
10	16QAM	1	49	22.48	22.48	22.68		
10	16QAM	25	0	21.84	21.93	21.89	22.4	1
10	16QAM	25	12	21.84	21.85	21.90		
10	16QAM	25	25	21.85	21.80	21.89		
10	16QAM	50	0	21.77	21.94	21.93		
10	64QAM	1	0	21.43	21.75	21.42	22.4	1
10	64QAM	1	25	21.47	21.76	21.40		
10	64QAM	1	49	21.49	21.63	21.50		
10	64QAM	25	0	20.84	20.87	20.97	21.4	2
10	64QAM	25	12	20.83	20.77	20.79		
10	64QAM	25	25	20.87	20.83	20.77		
10	64QAM	50	0	20.90	20.77	20.82		
10	256QAM	1	0	17.51	17.68	17.57	18.4	5
10	256QAM	1	25	17.44	17.58	17.44		
10	256QAM	1	49	17.53	17.53	17.53		
10	256QAM	25	0	17.52	17.54	17.60	18.4	5
10	256QAM	25	12	17.46	17.48	17.43		
10	256QAM	25	25	17.43	17.53	17.48		
10	256QAM	50	0	17.36	17.49	17.34		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.73	22.71	22.76	23.4	0
5	QPSK	1	12	22.85	22.92	22.86		
5	QPSK	1	24	22.72	22.70	22.78		
5	QPSK	12	0	22.42	22.43	22.34	22.9	0.5
5	QPSK	12	7	22.35	22.46	22.39		
5	QPSK	12	13	22.34	22.25	22.32		
5	QPSK	25	0	22.24	22.42	22.32		
5	16QAM	1	0	22.51	22.74	22.84	22.9	0.5
5	16QAM	1	12	22.58	22.67	22.76		
5	16QAM	1	24	22.61	22.53	22.68		
5	16QAM	12	0	21.87	21.91	21.84	22.4	1
5	16QAM	12	7	21.82	21.94	21.87		
5	16QAM	12	13	21.80	21.93	21.81		
5	16QAM	25	0	21.86	21.89	21.90		
5	64QAM	1	0	21.53	21.76	21.47	22.4	1
5	64QAM	1	12	21.45	21.75	21.41		
5	64QAM	1	24	21.48	21.64	21.56		
5	64QAM	12	0	20.85	20.83	20.86	21.4	2
5	64QAM	12	7	20.84	20.81	20.78		
5	64QAM	12	13	20.84	20.80	20.79		
5	64QAM	25	0	20.84	20.84	20.89		
5	256QAM	1	0	17.56	17.57	17.54	18.4	5
5	256QAM	1	12	17.48	17.49	17.50		
5	256QAM	1	24	17.56	17.54	17.59		
5	256QAM	12	0	17.52	17.65	17.58	18.4	5
5	256QAM	12	7	17.45	17.50	17.45		
5	256QAM	12	13	17.48	17.58	17.40		
5	256QAM	25	0	17.47	17.43	17.39		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.78	22.71	22.78	23.4	0
3	QPSK	1	8	22.86	22.88	22.77		
3	QPSK	1	14	22.75	22.66	22.83		
3	QPSK	8	0	22.34	22.42	22.44	22.9	0.5
3	QPSK	8	4	22.41	22.40	22.30		
3	QPSK	8	7	22.30	22.26	22.28		
3	QPSK	15	0	22.31	22.43	22.39		
3	16QAM	1	0	22.64	22.64	22.84	22.9	0.5
3	16QAM	1	8	22.51	22.67	22.81		
3	16QAM	1	14	22.62	22.53	22.71		
3	16QAM	8	0	21.91	21.94	21.96	22.4	1
3	16QAM	8	4	21.87	21.93	21.87		
3	16QAM	8	7	21.83	21.80	21.80		
3	16QAM	15	0	21.73	21.84	21.84		
3	64QAM	1	0	21.51	21.81	21.48	22.4	1
3	64QAM	1	8	21.48	21.68	21.40		
3	64QAM	1	14	21.60	21.58	21.58		
3	64QAM	8	0	20.89	20.92	20.89	21.4	2
3	64QAM	8	4	20.89	20.81	20.74		
3	64QAM	8	7	20.88	20.75	20.74		
3	64QAM	15	0	20.84	20.85	20.81		
3	256QAM	1	0	17.58	17.61	17.51	18.4	5
3	256QAM	1	8	17.46	17.54	17.43		
3	256QAM	1	14	17.58	17.65	17.64		
3	256QAM	8	0	17.53	17.65	17.54	18.4	5
3	256QAM	8	4	17.40	17.52	17.47		
3	256QAM	8	7	17.50	17.49	17.38		
3	256QAM	15	0	17.39	17.53	17.26		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.82	22.81	22.76	23.4	0
1.4	QPSK	1	3	22.78	22.87	22.90		
1.4	QPSK	1	5	22.74	22.70	22.78		
1.4	QPSK	3	0	22.82	22.80	22.79		
1.4	QPSK	3	1	22.86	22.89	22.85		
1.4	QPSK	3	3	22.70	22.63	22.84		
1.4	QPSK	6	0	22.31	22.38	22.40	22.9	0.5
1.4	16QAM	1	0	22.55	22.64	22.78	22.9	0.5
1.4	16QAM	1	3	22.57	22.62	22.82		
1.4	16QAM	1	5	22.57	22.61	22.81		
1.4	16QAM	3	0	22.63	22.75	22.74		
1.4	16QAM	3	1	22.53	22.62	22.88		
1.4	16QAM	3	3	22.52	22.49	22.70		
1.4	16QAM	6	0	21.78	21.83	21.91	22.4	1
1.4	64QAM	1	0	21.51	21.81	21.46	22.4	1
1.4	64QAM	1	3	21.55	21.67	21.51		
1.4	64QAM	1	5	21.59	21.56	21.54		
1.4	64QAM	3	0	21.54	21.74	21.50		
1.4	64QAM	3	1	21.46	21.68	21.48		
1.4	64QAM	3	3	21.58	21.57	21.58		
1.4	64QAM	6	0	20.90	20.83	20.79	21.4	2
1.4	256QAM	1	0	17.59	17.68	17.56	18.4	5
1.4	256QAM	1	3	17.35	17.59	17.42		
1.4	256QAM	1	5	17.45	17.61	17.52		
1.4	256QAM	3	0	17.49	17.63	17.57		
1.4	256QAM	3	1	17.48	17.57	17.40		
1.4	256QAM	3	3	17.46	17.53	17.34		
1.4	256QAM	6	0	17.42	17.39	17.31	18.4	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	22.54	22.59	22.55	23.2	0
20	QPSK	1	49	22.44	22.57	22.49		
20	QPSK	1	99	22.35	22.48	22.37		
20	QPSK	50	0	22.06	22.08	21.98	22.7	0.5
20	QPSK	50	24	21.94	22.02	21.94		
20	QPSK	50	50	22.02	22.02	21.91		
20	QPSK	100	0	21.97	22.03	21.96		
20	16QAM	1	0	21.99	22.06	21.95	22.7	0.5
20	16QAM	1	49	21.98	22.05	21.99		
20	16QAM	1	99	21.99	22.02	21.96		
20	16QAM	50	0	21.33	21.42	21.38	22.2	1
20	16QAM	50	24	21.35	21.44	21.35		
20	16QAM	50	50	21.45	21.41	21.37		
20	16QAM	100	0	21.38	21.38	21.27		
20	64QAM	1	0	21.11	21.07	20.97	22.2	1
20	64QAM	1	49	21.07	21.08	21.06		
20	64QAM	1	99	21.15	21.11	20.99		
20	64QAM	50	0	20.36	20.43	20.48	21.2	2
20	64QAM	50	24	20.44	20.41	20.28		
20	64QAM	50	50	20.27	20.39	20.25		
20	64QAM	100	0	20.37	20.36	20.39		
20	256QAM	1	0	17.56	17.52	17.50	18.2	5
20	256QAM	1	49	17.38	17.49	17.42		
20	256QAM	1	99	17.30	17.45	17.32		
20	256QAM	50	0	17.30	17.41	17.28	18.2	5
20	256QAM	50	24	17.35	17.46	17.43		
20	256QAM	50	50	17.43	17.46	17.33		
20	256QAM	100	0	17.27	17.41	17.26		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.39	22.54	22.44	23.2	0
15	QPSK	1	37	22.37	22.50	22.40		
15	QPSK	1	74	22.23	22.33	22.31		
15	QPSK	36	0	21.96	22.02	21.83	22.7	0.5
15	QPSK	36	20	21.89	21.92	21.84		
15	QPSK	36	39	21.95	21.91	21.80		
15	QPSK	75	0	21.88	21.96	21.81		
15	16QAM	1	0	21.90	21.96	21.90	22.7	0.5
15	16QAM	1	37	21.89	21.91	21.89		
15	16QAM	1	74	21.89	21.88	21.85		
15	16QAM	36	0	21.19	21.36	21.33	22.2	1
15	16QAM	36	20	21.30	21.32	21.23		
15	16QAM	36	39	21.33	21.31	21.31		
15	16QAM	75	0	21.30	21.24	21.22		
15	64QAM	1	0	20.97	20.95	20.85	22.2	1
15	64QAM	1	37	20.95	21.02	20.94		
15	64QAM	1	74	21.10	21.06	20.94		
15	64QAM	36	0	20.22	20.28	20.42	21.2	2
15	64QAM	36	20	20.37	20.26	20.13		
15	64QAM	36	39	20.21	20.29	20.15		
15	64QAM	75	0	20.27	20.22	20.29		
15	256QAM	1	0	17.51	17.46	17.42	18.2	5
15	256QAM	1	37	17.23	17.40	17.37		
15	256QAM	1	74	17.25	17.32	17.22		
15	256QAM	36	0	17.15	17.28	17.16	18.2	5
15	256QAM	36	20	17.30	17.33	17.30		
15	256QAM	36	39	17.34	17.38	17.24		
15	256QAM	75	0	17.13	17.33	17.19		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.49	22.51	22.40	23.2	0
10	QPSK	1	25	22.34	22.48	22.36		
10	QPSK	1	49	22.20	22.40	22.32		
10	QPSK	25	0	21.96	21.96	21.83	22.7	0.5
10	QPSK	25	12	21.83	21.95	21.79		
10	QPSK	25	25	21.92	21.96	21.84		
10	QPSK	50	0	21.84	21.95	21.82		
10	16QAM	1	0	21.87	21.96	21.86	22.7	0.5
10	16QAM	1	25	21.87	21.98	21.85		
10	16QAM	1	49	21.91	21.97	21.82		
10	16QAM	25	0	21.27	21.34	21.32	22.2	1
10	16QAM	25	12	21.29	21.33	21.28		
10	16QAM	25	25	21.36	21.29	21.28		
10	16QAM	50	0	21.26	21.27	21.14		
10	64QAM	1	0	21.02	20.98	20.82	22.2	1
10	64QAM	1	25	20.95	20.95	21.01		
10	64QAM	1	49	21.10	21.04	20.89		
10	64QAM	25	0	20.27	20.29	20.41	21.2	2
10	64QAM	25	12	20.34	20.34	20.20		
10	64QAM	25	25	20.20	20.27	20.12		
10	64QAM	50	0	20.29	20.26	20.30		
10	256QAM	1	0	17.46	17.42	17.43	18.2	5
10	256QAM	1	25	17.24	17.36	17.35		
10	256QAM	1	49	17.24	17.36	17.25		
10	256QAM	25	0	17.15	17.32	17.16	18.2	5
10	256QAM	25	12	17.24	17.41	17.34		
10	256QAM	25	25	17.34	17.36	17.20		
10	256QAM	50	0	17.21	17.31	17.21		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.48	22.45	22.43	23.2	0
5	QPSK	1	12	22.31	22.46	22.37		
5	QPSK	1	24	22.22	22.36	22.31		
5	QPSK	12	0	21.99	21.99	21.89	22.7	0.5
5	QPSK	12	7	21.89	21.92	21.85		
5	QPSK	12	13	21.96	21.91	21.82		
5	QPSK	25	0	21.87	21.95	21.91		
5	16QAM	1	0	21.85	21.95	21.88	22.7	0.5
5	16QAM	1	12	21.92	21.91	21.89		
5	16QAM	1	24	21.85	21.96	21.91		
5	16QAM	12	0	21.26	21.37	21.33	22.2	1
5	16QAM	12	7	21.26	21.36	21.20		
5	16QAM	12	13	21.37	21.34	21.28		
5	16QAM	25	0	21.28	21.25	21.20		
5	64QAM	1	0	20.97	21.00	20.83	22.2	1
5	64QAM	1	12	21.01	20.95	20.94		
5	64QAM	1	24	21.06	21.03	20.85		
5	64QAM	12	0	20.30	20.35	20.40	21.2	2
5	64QAM	12	7	20.29	20.29	20.17		
5	64QAM	12	13	20.15	20.27	20.10		
5	64QAM	25	0	20.28	20.31	20.30		
5	256QAM	1	0	17.47	17.44	17.42	18.2	5
5	256QAM	1	12	17.33	17.43	17.27		
5	256QAM	1	24	17.20	17.32	17.21		
5	256QAM	12	0	17.25	17.31	17.20	18.2	5
5	256QAM	12	7	17.30	17.32	17.31		
5	256QAM	12	13	17.28	17.40	17.24		
5	256QAM	25	0	17.14	17.31	17.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.40	22.54	22.49	23.2	0
3	QPSK	1	8	22.32	22.52	22.40		
3	QPSK	1	14	22.29	22.39	22.32		
3	QPSK	8	0	22.00	22.02	21.83	22.7	0.5
3	QPSK	8	4	21.82	21.94	21.82		
3	QPSK	8	7	21.96	21.87	21.81		
3	QPSK	15	0	21.85	21.93	21.82		
3	16QAM	1	0	21.86	21.95	21.89	22.7	0.5
3	16QAM	1	8	21.87	21.90	21.92		
3	16QAM	1	14	21.88	21.90	21.91		
3	16QAM	8	0	21.24	21.33	21.25	22.2	1
3	16QAM	8	4	21.24	21.35	21.27		
3	16QAM	8	7	21.34	21.27	21.26		
3	16QAM	15	0	21.32	21.24	21.22		
3	64QAM	1	0	21.06	20.98	20.89	22.2	1
3	64QAM	1	8	20.93	21.00	20.91		
3	64QAM	1	14	21.06	20.97	20.91		
3	64QAM	8	0	20.28	20.30	20.35	21.2	2
3	64QAM	8	4	20.31	20.31	20.21		
3	64QAM	8	7	20.21	20.31	20.12		
3	64QAM	15	0	20.23	20.25	20.28		
3	256QAM	1	0	17.51	17.37	17.38	18.2	5
3	256QAM	1	8	17.23	17.43	17.36		
3	256QAM	1	14	17.22	17.31	17.20		
3	256QAM	8	0	17.22	17.29	17.21	18.2	5
3	256QAM	8	4	17.24	17.41	17.36		
3	256QAM	8	7	17.38	17.35	17.28		
3	256QAM	15	0	17.17	17.27	17.12		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.46	22.49	22.45	23.2	0
1.4	QPSK	1	3	22.39	22.52	22.41		
1.4	QPSK	1	5	22.25	22.40	22.28		
1.4	QPSK	3	0	22.39	22.53	22.47		
1.4	QPSK	3	1	22.39	22.48	22.37		
1.4	QPSK	3	3	22.28	22.34	22.28		
1.4	QPSK	6	0	21.91	21.98	21.82	22.7	0.5
1.4	16QAM	1	0	21.89	21.97	21.87	22.7	0.5
1.4	16QAM	1	3	21.93	21.90	21.93		
1.4	16QAM	1	5	21.87	21.94	21.90		
1.4	16QAM	3	0	21.87	21.96	21.87		
1.4	16QAM	3	1	21.87	21.93	21.84		
1.4	16QAM	3	3	21.91	21.90	21.84		
1.4	16QAM	6	0	21.33	21.28	21.14	22.2	1
1.4	64QAM	1	0	20.99	21.01	20.86	22.2	1
1.4	64QAM	1	3	20.98	20.97	20.94		
1.4	64QAM	1	5	21.05	21.05	20.93		
1.4	64QAM	3	0	21.06	20.93	20.83		
1.4	64QAM	3	1	20.94	20.94	20.99		
1.4	64QAM	3	3	21.00	21.03	20.89		
1.4	64QAM	6	0	20.23	20.27	20.33	21.2	2
1.4	256QAM	1	0	17.49	17.37	17.41	18.2	5
1.4	256QAM	1	3	17.29	17.35	17.33		
1.4	256QAM	1	5	17.16	17.37	17.21		
1.4	256QAM	3	0	17.19	17.32	17.13		
1.4	256QAM	3	1	17.29	17.35	17.34		
1.4	256QAM	3	3	17.34	17.33	17.21		
1.4	256QAM	6	0	17.15	17.30	17.21	18.2	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	19.48	19.57	19.46	20.9	0
20	QPSK	1	49	19.38	19.42	19.39		
20	QPSK	1	99	19.36	19.38	19.45		
20	QPSK	50	0	18.79	18.81	18.76	20.4	0.5
20	QPSK	50	24	18.73	18.75	18.73		
20	QPSK	50	50	18.69	18.74	18.73		
20	QPSK	100	0	18.73	18.77	18.71		
20	16QAM	1	0	18.67	18.71	18.68	20.4	0.5
20	16QAM	1	49	18.71	18.75	18.64		
20	16QAM	1	99	18.76	18.84	18.66		
20	16QAM	50	0	18.27	18.21	18.16	19.9	1
20	16QAM	50	24	18.22	18.31	18.14		
20	16QAM	50	50	18.13	18.21	18.31		
20	16QAM	100	0	18.15	18.20	18.23		
20	64QAM	1	0	18.16	18.25	18.06	19.9	1
20	64QAM	1	49	18.11	18.23	18.09		
20	64QAM	1	99	18.02	17.97	17.95		
20	64QAM	50	0	17.25	17.29	17.25	18.9	2
20	64QAM	50	24	17.32	17.26	17.17		
20	64QAM	50	50	17.22	17.20	17.16		
20	64QAM	100	0	17.35	17.22	17.33		
20	256QAM	1	0	14.31	14.41	14.23	15.9	5
20	256QAM	1	49	14.12	14.35	14.16		
20	256QAM	1	99	14.12	14.15	14.14		
20	256QAM	50	0	14.16	14.34	14.31	15.9	5
20	256QAM	50	24	14.11	14.34	14.18		
20	256QAM	50	50	14.19	14.32	14.13		
20	256QAM	100	0	14.14	14.31	13.98		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.38	19.44	19.41	20.9	0
15	QPSK	1	37	19.31	19.36	19.31		
15	QPSK	1	74	19.28	19.29	19.40		
15	QPSK	36	0	18.67	18.71	18.69	20.4	0.5
15	QPSK	36	20	18.61	18.67	18.59		
15	QPSK	36	39	18.63	18.61	18.67		
15	QPSK	75	0	18.58	18.62	18.57		
15	16QAM	1	0	18.60	18.65	18.61	20.4	0.5
15	16QAM	1	37	18.56	18.61	18.57		
15	16QAM	1	74	18.69	18.74	18.60		
15	16QAM	36	0	18.19	18.15	18.04	19.9	1
15	16QAM	36	20	18.10	18.20	18.07		
15	16QAM	36	39	18.03	18.14	18.22		
15	16QAM	75	0	18.06	18.09	18.15		
15	64QAM	1	0	18.01	18.10	17.91	19.9	1
15	64QAM	1	37	18.00	18.10	18.04		
15	64QAM	1	74	17.96	17.99	17.94		
15	64QAM	36	0	17.15	17.18	17.17	18.9	2
15	64QAM	36	20	17.17	17.12	17.09		
15	64QAM	36	39	17.09	17.12	17.03		
15	64QAM	75	0	17.23	17.16	17.25		
15	256QAM	1	0	14.19	14.28	14.17	15.9	5
15	256QAM	1	37	13.98	14.26	14.10		
15	256QAM	1	74	14.03	14.03	14.00		
15	256QAM	36	0	14.03	14.21	14.18	15.9	5
15	256QAM	36	20	13.97	14.20	14.05		
15	256QAM	36	39	14.09	14.18	14.02		
15	256QAM	75	0	14.04	14.22	14.29		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.42	19.48	19.33	20.9	0
10	QPSK	1	25	19.33	19.35	19.25		
10	QPSK	1	49	19.27	19.33	19.37		
10	QPSK	25	0	18.71	18.72	18.69	20.4	0.5
10	QPSK	25	12	18.62	18.63	18.61		
10	QPSK	25	25	18.61	18.60	18.58		
10	QPSK	50	0	18.61	18.72	18.58		
10	16QAM	1	0	18.52	18.65	18.54	20.4	0.5
10	16QAM	1	25	18.63	18.68	18.55		
10	16QAM	1	49	18.64	18.72	18.52		
10	16QAM	25	0	18.20	18.11	18.10	19.9	1
10	16QAM	25	12	18.12	18.26	18.01		
10	16QAM	25	25	17.99	18.13	18.22		
10	16QAM	50	0	18.09	18.10	18.18		
10	64QAM	1	0	18.05	18.17	18.01	19.9	1
10	64QAM	1	25	18.00	18.17	17.97		
10	64QAM	1	49	17.94	17.94	17.95		
10	64QAM	25	0	17.17	17.21	17.19	18.9	2
10	64QAM	25	12	17.20	17.11	17.08		
10	64QAM	25	25	17.13	17.14	17.02		
10	64QAM	50	0	17.25	17.09	17.23		
10	256QAM	1	0	14.19	14.35	14.08	15.9	5
10	256QAM	1	25	14.02	14.30	14.06		
10	256QAM	1	49	14.04	14.05	14.01		
10	256QAM	25	0	14.08	14.26	14.18	15.9	5
10	256QAM	25	12	14.06	14.22	14.11		
10	256QAM	25	25	14.08	14.23	14.00		
10	256QAM	50	0	14.06	14.22	14.09		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.38	19.46	19.31	20.9	0
5	QPSK	1	12	19.31	19.36	19.31		
5	QPSK	1	24	19.22	19.26	19.34		
5	QPSK	12	0	18.72	18.68	18.64	20.4	0.5
5	QPSK	12	7	18.62	18.68	18.66		
5	QPSK	12	13	18.59	18.63	18.65		
5	QPSK	25	0	18.60	18.71	18.61		
5	16QAM	1	0	18.52	18.63	18.58	20.4	0.5
5	16QAM	1	12	18.60	18.66	18.55		
5	16QAM	1	24	18.65	18.77	18.61		
5	16QAM	12	0	18.18	18.11	18.07	19.9	1
5	16QAM	12	7	18.09	18.17	18.04		
5	16QAM	12	13	18.01	18.15	18.26		
5	16QAM	25	0	18.10	18.12	18.15		
5	64QAM	1	0	18.05	18.15	17.97	19.9	1
5	64QAM	1	12	18.01	18.11	17.95		
5	64QAM	1	24	17.97	17.98	18.06		
5	64QAM	12	0	17.15	17.24	17.16	18.9	2
5	64QAM	12	7	17.23	17.16	17.12		
5	64QAM	12	13	17.17	17.10	17.05		
5	64QAM	25	0	17.22	17.17	17.18		
5	256QAM	1	0	14.25	14.28	14.16	15.9	5
5	256QAM	1	12	14.02	14.27	14.10		
5	256QAM	1	24	13.99	14.09	14.01		
5	256QAM	12	0	14.01	14.27	14.25	15.9	5
5	256QAM	12	7	14.02	14.19	14.11		
5	256QAM	12	13	14.05	14.18	13.98		
5	256QAM	25	0	14.02	14.24	14.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.40	19.42	19.32	20.9	0
3	QPSK	1	8	19.25	19.36	19.32		
3	QPSK	1	14	19.30	19.29	19.37		
3	QPSK	8	0	18.69	18.69	18.69	20.4	0.5
3	QPSK	8	4	18.66	18.67	18.60		
3	QPSK	8	7	18.60	18.68	18.67		
3	QPSK	15	0	18.64	18.70	18.66		
3	16QAM	1	0	18.52	18.58	18.56	20.4	0.5
3	16QAM	1	8	18.56	18.67	18.51		
3	16QAM	1	14	18.70	18.73	18.61		
3	16QAM	8	0	18.21	18.13	18.02	19.9	1
3	16QAM	8	4	18.08	18.16	18.03		
3	16QAM	8	7	17.99	18.16	18.16		
3	16QAM	15	0	18.09	18.07	18.11		
3	64QAM	1	0	18.09	18.20	17.93	19.9	1
3	64QAM	1	8	17.98	18.09	18.03		
3	64QAM	1	14	17.93	17.98	17.99		
3	64QAM	8	0	17.16	17.16	17.17	18.9	2
3	64QAM	8	4	17.25	17.12	17.10		
3	64QAM	8	7	17.10	17.09	17.08		
3	64QAM	15	0	17.28	17.12	17.21		
3	256QAM	1	0	14.24	14.31	14.10	15.9	5
3	256QAM	1	8	14.05	14.27	14.08		
3	256QAM	1	14	14.01	14.01	14.08		
3	256QAM	8	0	14.01	14.28	14.24	15.9	5
3	256QAM	8	4	14.03	14.26	14.13		
3	256QAM	8	7	14.09	14.26	14.06		
3	256QAM	15	0	14.06	14.24	13.93		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.38	19.51	19.32	20.9	0
1.4	QPSK	1	3	19.28	19.37	19.29		
1.4	QPSK	1	5	19.29	19.42	19.36		
1.4	QPSK	3	0	19.29	19.33	19.33		
1.4	QPSK	3	1	19.24	19.26	19.28		
1.4	QPSK	3	3	19.28	19.26	19.40		
1.4	QPSK	6	0	18.60	18.74	18.61	20.4	0.5
1.4	16QAM	1	0	18.53	18.78	18.59	20.4	0.5
1.4	16QAM	1	3	18.59	18.64	18.54		
1.4	16QAM	1	5	18.66	18.56	18.53		
1.4	16QAM	3	0	18.57	18.63	18.56		
1.4	16QAM	3	1	18.64	18.73	18.65		
1.4	16QAM	3	3	18.64	18.78	18.63		
1.4	16QAM	6	0	18.04	18.21	18.14	19.9	1
1.4	64QAM	1	0	18.11	18.13	18.16	19.9	1
1.4	64QAM	1	3	18.00	18.11	18.24		
1.4	64QAM	1	5	17.90	18.08	18.23		
1.4	64QAM	3	0	18.05	18.06	18.21		
1.4	64QAM	3	1	18.05	18.18	18.08		
1.4	64QAM	3	3	17.93	18.08	17.96		
1.4	64QAM	6	0	17.27	17.28	17.20	18.9	2
1.4	256QAM	1	0	14.19	14.31	14.18	15.9	5
1.4	256QAM	1	3	14.22	14.32	14.18		
1.4	256QAM	1	5	14.18	14.33	14.14		
1.4	256QAM	3	0	14.07	14.26	14.18		
1.4	256QAM	3	1	14.03	14.02	14.05		
1.4	256QAM	3	3	14.07	14.28	13.99		
1.4	256QAM	6	0	13.99	14.30	14.16	15.9	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	24.12	24.22	24.18	25	0
20	QPSK	1	49	24.09	24.16	24.13		
20	QPSK	1	99	24.08	24.09	24.03		
20	QPSK	50	0	23.65	23.76	23.66	24.5	0.5
20	QPSK	50	24	23.61	23.64	23.62		
20	QPSK	50	50	23.60	23.61	23.64		
20	QPSK	100	0	23.57	23.67	23.65		
20	16QAM	1	0	24.11	23.85	24.00	24.5	0.5
20	16QAM	1	49	24.03	24.18	23.96		
20	16QAM	1	99	24.08	23.70	24.02		
20	16QAM	50	0	23.06	23.22	23.19	24	1
20	16QAM	50	24	23.10	23.16	23.18		
20	16QAM	50	50	23.05	23.12	23.18		
20	16QAM	100	0	23.04	23.15	23.10		
20	64QAM	1	0	22.83	22.92	22.67	24	1
20	64QAM	1	49	22.79	23.02	22.63		
20	64QAM	1	99	22.81	22.89	22.73		
20	64QAM	50	0	22.03	22.25	22.19	23	2
20	64QAM	50	24	22.08	22.13	22.19		
20	64QAM	50	50	22.03	22.11	22.10		
20	64QAM	100	0	22.04	22.11	22.09		
20	256QAM	1	0	18.31	18.40	18.32	20	5
20	256QAM	1	49	18.32	18.39	18.28		
20	256QAM	1	99	18.24	18.27	18.12		
20	256QAM	50	0	18.33	18.39	18.33	20	5
20	256QAM	50	24	18.14	18.25	18.23		
20	256QAM	50	50	18.18	18.29	18.27		
20	256QAM	100	0	18.19	18.29	18.28		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.04	24.15	24.06	25	0
15	QPSK	1	37	24.00	24.11	24.07		
15	QPSK	1	74	24.00	24.01	23.92		
15	QPSK	36	0	23.63	23.73	23.61	24.5	0.5
15	QPSK	36	20	23.59	23.61	23.48		
15	QPSK	36	39	23.54	23.49	23.56		
15	QPSK	75	0	23.44	23.55	23.62		
15	16QAM	1	0	24.10	23.75	23.94	24.5	0.5
15	16QAM	1	37	23.95	24.12	23.85		
15	16QAM	1	74	23.93	23.67	23.98		
15	16QAM	36	0	22.91	23.21	23.04	24	1
15	16QAM	36	20	23.03	23.15	23.16		
15	16QAM	36	39	23.02	23.07	23.12		
15	16QAM	75	0	22.95	23.10	23.05		
15	64QAM	1	0	22.78	22.91	22.65	24	1
15	64QAM	1	37	22.75	22.93	22.59		
15	64QAM	1	74	22.80	22.75	22.61		
15	64QAM	36	0	21.96	22.14	22.17	23	2
15	64QAM	36	20	21.98	22.09	22.17		
15	64QAM	36	39	21.96	22.07	22.04		
15	64QAM	75	0	21.95	21.97	22.04		
15	256QAM	1	0	18.27	18.38	18.17	20	5
15	256QAM	1	37	18.26	18.28	18.13		
15	256QAM	1	74	18.11	18.23	18.16		
15	256QAM	36	0	18.22	18.36	18.27	20	5
15	256QAM	36	20	18.07	18.22	18.10		
15	256QAM	36	39	18.16	18.20	18.22		
15	256QAM	75	0	18.08	18.22	18.20		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.98	24.12	24.01	25	0
10	QPSK	1	25	24.03	24.19	24.04		
10	QPSK	1	49	24.05	24.06	23.99		
10	QPSK	25	0	23.54	23.61	23.64	24.5	0.5
10	QPSK	25	12	23.47	23.60	23.49		
10	QPSK	25	25	23.54	23.54	23.49		
10	QPSK	50	0	23.46	23.62	23.55		
10	16QAM	1	0	24.05	23.84	23.94	24.5	0.5
10	16QAM	1	25	23.88	24.09	23.81		
10	16QAM	1	49	23.93	23.66	23.93		
10	16QAM	25	0	22.96	23.16	23.05	24	1
10	16QAM	25	12	22.97	23.13	23.07		
10	16QAM	25	25	22.96	23.03	23.03		
10	16QAM	50	0	22.97	23.04	23.06		
10	64QAM	1	0	22.73	22.88	22.55	24	1
10	64QAM	1	25	22.78	22.90	22.52		
10	64QAM	1	49	22.70	22.83	22.72		
10	64QAM	25	0	21.92	22.18	22.07	23	2
10	64QAM	25	12	21.96	22.06	22.07		
10	64QAM	25	25	21.94	22.10	21.96		
10	64QAM	50	0	22.02	21.97	21.96		
10	256QAM	1	0	18.28	18.29	18.22	20	5
10	256QAM	1	25	18.22	18.24	18.24		
10	256QAM	1	49	18.09	18.21	18.08		
10	256QAM	25	0	18.23	18.29	18.25	20	5
10	256QAM	25	12	18.06	18.14	18.14		
10	256QAM	25	25	18.12	18.19	18.22		
10	256QAM	50	0	18.18	18.19	18.26		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.02	24.09	24.12	25	0
5	QPSK	1	12	24.09	24.07	24.03		
5	QPSK	1	24	24.01	24.08	24.00		
5	QPSK	12	0	23.54	23.61	23.58	24.5	0.5
5	QPSK	12	7	23.54	23.57	23.53		
5	QPSK	12	13	23.45	23.60	23.52		
5	QPSK	25	0	23.43	23.54	23.53		
5	16QAM	1	0	24.08	23.79	23.88	24.5	0.5
5	16QAM	1	12	23.88	24.06	23.82		
5	16QAM	1	24	24.04	23.66	23.95		
5	16QAM	12	0	22.92	23.20	23.07	24	1
5	16QAM	12	7	23.07	23.15	23.14		
5	16QAM	12	13	22.93	23.01	23.15		
5	16QAM	25	0	22.94	23.06	23.07		
5	64QAM	1	0	22.80	22.85	22.65	24	1
5	64QAM	1	12	22.69	22.90	22.52		
5	64QAM	1	24	22.72	22.77	22.65		
5	64QAM	12	0	21.98	22.22	22.12	23	2
5	64QAM	12	7	22.03	22.12	22.10		
5	64QAM	12	13	21.98	22.03	22.05		
5	64QAM	25	0	21.95	22.02	22.00		
5	256QAM	1	0	18.29	18.30	18.22	20	5
5	256QAM	1	12	18.30	18.30	18.22		
5	256QAM	1	24	18.18	18.23	18.07		
5	256QAM	12	0	18.27	18.35	18.20	20	5
5	256QAM	12	7	18.09	18.16	18.13		
5	256QAM	12	13	18.17	18.22	18.15		
5	256QAM	25	0	18.18	18.15	18.24		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.07	24.03	23.98	25	0
3	QPSK	1	8	24.06	24.20	24.15		
3	QPSK	1	14	23.98	24.04	23.92		
3	QPSK	8	0	23.63	23.64	23.56	24.5	0.5
3	QPSK	8	4	23.59	23.60	23.60		
3	QPSK	8	7	23.50	23.59	23.52		
3	QPSK	15	0	23.47	23.63	23.57		
3	16QAM	1	0	24.02	23.74	23.91	24.5	0.5
3	16QAM	1	8	23.98	24.13	23.86		
3	16QAM	1	14	23.97	23.69	23.89		
3	16QAM	8	0	22.95	23.10	23.07	24	1
3	16QAM	8	4	22.98	23.07	23.04		
3	16QAM	8	7	23.02	23.04	23.08		
3	16QAM	15	0	22.95	23.00	22.99		
3	64QAM	1	0	22.70	22.91	22.57	24	1
3	64QAM	1	8	22.78	22.96	22.48		
3	64QAM	1	14	22.70	22.86	22.64		
3	64QAM	8	0	21.96	22.22	22.13	23	2
3	64QAM	8	4	22.00	22.04	22.13		
3	64QAM	8	7	21.90	22.01	22.08		
3	64QAM	15	0	21.93	22.10	22.04		
3	256QAM	1	0	18.23	18.25	18.30	20	5
3	256QAM	1	8	18.28	18.29	18.23		
3	256QAM	1	14	18.21	18.17	18.05		
3	256QAM	8	0	18.18	18.33	18.32	20	5
3	256QAM	8	4	18.10	18.16	18.09		
3	256QAM	8	7	18.05	18.22	18.23		
3	256QAM	15	0	18.16	18.22	18.21		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.07	24.02	24.04	25	0
1.4	QPSK	1	3	24.05	24.12	24.03		
1.4	QPSK	1	5	24.05	24.06	23.96		
1.4	QPSK	3	0	23.94	24.15	24.01		
1.4	QPSK	3	1	23.98	24.11	24.12		
1.4	QPSK	3	3	24.00	23.95	24.02		
1.4	QPSK	6	0	23.50	23.58	23.54	24.5	0.5
1.4	16QAM	1	0	24.09	23.80	23.90	24.5	0.5
1.4	16QAM	1	3	23.98	24.12	23.82		
1.4	16QAM	1	5	24.04	23.69	23.91		
1.4	16QAM	3	0	24.06	23.84	23.97		
1.4	16QAM	3	1	24.02	24.04	23.87		
1.4	16QAM	3	3	23.94	23.66	24.01		
1.4	16QAM	6	0	22.91	23.05	23.07	24	1
1.4	64QAM	1	0	22.75	22.85	22.58	24	1
1.4	64QAM	1	3	22.78	22.87	22.53		
1.4	64QAM	1	5	22.75	22.82	22.61		
1.4	64QAM	3	0	22.75	22.80	22.58		
1.4	64QAM	3	1	22.70	23.00	22.53		
1.4	64QAM	3	3	22.76	22.88	22.72		
1.4	64QAM	6	0	22.02	22.06	22.02	23	2
1.4	256QAM	1	0	18.29	18.28	18.30	20	5
1.4	256QAM	1	3	18.28	18.29	18.19		
1.4	256QAM	1	5	18.16	18.21	18.01		
1.4	256QAM	3	0	18.31	18.27	18.20		
1.4	256QAM	3	1	18.01	18.12	18.15		
1.4	256QAM	3	3	18.09	18.23	18.19		
1.4	256QAM	6	0	18.12	18.27	18.13	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	24.05	24.10	24.00	24.6	0
20	QPSK	1	49	23.90	24.01	23.96		
20	QPSK	1	99	23.93	23.94	23.82		
20	QPSK	50	0	23.54	23.58	23.52	24.1	0.5
20	QPSK	50	24	23.42	23.51	23.47		
20	QPSK	50	50	23.44	23.49	23.46		
20	QPSK	100	0	23.41	23.51	23.48		
20	16QAM	1	0	23.54	23.63	23.51	24.1	0.5
20	16QAM	1	49	23.51	23.55	23.40		
20	16QAM	1	99	23.58	23.52	23.45		
20	16QAM	50	0	22.86	23.03	23.02	23.6	1
20	16QAM	50	24	23.07	22.96	23.02		
20	16QAM	50	50	22.93	22.89	23.00		
20	16QAM	100	0	22.90	22.90	22.92		
20	64QAM	1	0	22.59	22.74	22.85	23.6	1
20	64QAM	1	49	22.47	22.70	22.75		
20	64QAM	1	99	22.64	22.71	22.69		
20	64QAM	50	0	21.86	22.01	22.02	22.6	2
20	64QAM	50	24	21.90	21.94	21.97		
20	64QAM	50	50	21.88	21.94	21.97		
20	64QAM	100	0	21.89	22.00	21.96		
20	256QAM	1	0	18.31	18.45	18.39	19.6	5
20	256QAM	1	49	18.27	18.39	18.34		
20	256QAM	1	99	18.22	18.34	18.27		
20	256QAM	50	0	18.31	18.44	18.34	19.6	5
20	256QAM	50	24	18.20	18.35	18.30		
20	256QAM	50	50	18.22	18.33	18.19		
20	256QAM	100	0	18.18	18.32	18.31		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.75	23.88	23.91	24.6	0
15	QPSK	1	37	24.01	24.02	23.96		
15	QPSK	1	74	23.92	23.84	23.74		
15	QPSK	36	0	23.45	23.54	23.37	24.1	0.5
15	QPSK	36	20	23.31	23.49	23.44		
15	QPSK	36	39	23.33	23.40	23.32		
15	QPSK	75	0	23.28	23.48	23.39		
15	16QAM	1	0	23.50	23.59	23.41	24.1	0.5
15	16QAM	1	37	23.41	23.53	23.39		
15	16QAM	1	74	23.44	23.48	23.34		
15	16QAM	36	0	22.74	22.89	22.94	23.6	1
15	16QAM	36	20	23.01	22.85	22.98		
15	16QAM	36	39	22.86	22.88	22.98		
15	16QAM	75	0	22.79	22.81	22.90		
15	64QAM	1	0	22.44	22.66	22.80	23.6	1
15	64QAM	1	37	22.44	22.67	22.73		
15	64QAM	1	74	22.58	22.60	22.67		
15	64QAM	36	0	21.80	21.91	21.96	22.6	2
15	64QAM	36	20	21.80	21.91	21.90		
15	64QAM	36	39	21.81	21.89	21.92		
15	64QAM	75	0	21.84	21.90	21.85		
15	256QAM	1	0	18.18	18.34	18.32	19.6	5
15	256QAM	1	37	18.23	18.26	18.29		
15	256QAM	1	74	18.18	18.28	18.22		
15	256QAM	36	0	18.18	18.40	18.26	19.6	5
15	256QAM	36	20	18.09	18.22	18.17		
15	256QAM	36	39	18.11	18.23	18.05		
15	256QAM	75	0	18.17	18.29	18.20		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.81	23.86	23.86	24.6	0
10	QPSK	1	25	23.98	24.08	23.90		
10	QPSK	1	49	23.89	23.91	23.80		
10	QPSK	25	0	23.52	23.47	23.40	24.1	0.5
10	QPSK	25	12	23.33	23.39	23.34		
10	QPSK	25	25	23.30	23.48	23.31		
10	QPSK	50	0	23.30	23.46	23.40		
10	16QAM	1	0	23.51	23.48	23.41	24.1	0.5
10	16QAM	1	25	23.50	23.46	23.36		
10	16QAM	1	49	23.47	23.40	23.44		
10	16QAM	25	0	22.79	22.89	22.98	23.6	1
10	16QAM	25	12	23.00	22.94	22.98		
10	16QAM	25	25	22.89	22.75	22.95		
10	16QAM	50	0	22.82	22.88	22.81		
10	64QAM	1	0	22.44	22.63	22.83	23.6	1
10	64QAM	1	25	22.34	22.56	22.64		
10	64QAM	1	49	22.63	22.66	22.67		
10	64QAM	25	0	21.75	21.93	21.96	22.6	2
10	64QAM	25	12	21.80	21.89	21.92		
10	64QAM	25	25	21.85	21.83	21.91		
10	64QAM	50	0	21.76	21.93	21.90		
10	256QAM	1	0	18.28	18.32	18.29	19.6	5
10	256QAM	1	25	18.13	18.32	18.25		
10	256QAM	1	49	18.14	18.28	18.24		
10	256QAM	25	0	18.16	18.30	18.33	19.6	5
10	256QAM	25	12	18.16	18.34	18.22		
10	256QAM	25	25	18.12	18.27	18.10		
10	256QAM	50	0	18.14	18.24	18.20		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.77	23.88	23.90	24.6	0
5	QPSK	1	12	23.96	23.98	23.97		
5	QPSK	1	24	23.80	23.89	23.67		
5	QPSK	12	0	23.40	23.56	23.39	24.1	0.5
5	QPSK	12	7	23.31	23.45	23.43		
5	QPSK	12	13	23.37	23.34	23.44		
5	QPSK	25	0	23.31	23.37	23.34		
5	16QAM	1	0	23.51	23.56	23.41	24.1	0.5
5	16QAM	1	12	23.38	23.45	23.33		
5	16QAM	1	24	23.43	23.46	23.40		
5	16QAM	12	0	22.74	22.94	22.98	23.6	1
5	16QAM	12	7	22.97	22.91	22.96		
5	16QAM	12	13	22.90	22.86	22.94		
5	16QAM	25	0	22.80	22.80	22.91		
5	64QAM	1	0	22.49	22.69	22.79	23.6	1
5	64QAM	1	12	22.32	22.67	22.71		
5	64QAM	1	24	22.55	22.62	22.57		
5	64QAM	12	0	21.77	21.92	21.90	22.6	2
5	64QAM	12	7	21.75	21.91	21.85		
5	64QAM	12	13	21.83	21.89	21.89		
5	64QAM	25	0	21.83	21.92	21.93		
5	256QAM	1	0	18.29	18.30	18.29	19.6	5
5	256QAM	1	12	18.13	18.37	18.31		
5	256QAM	1	24	18.12	18.30	18.24		
5	256QAM	12	0	18.16	18.31	18.24	19.6	5
5	256QAM	12	7	18.12	18.32	18.15		
5	256QAM	12	13	18.21	18.30	18.18		
5	256QAM	25	0	18.05	18.20	18.22		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.86	24.00	23.93	24.6	0
3	QPSK	1	8	23.93	24.06	23.86		
3	QPSK	1	14	23.81	23.79	23.78		
3	QPSK	8	0	23.51	23.48	23.42	24.1	0.5
3	QPSK	8	4	23.31	23.41	23.36		
3	QPSK	8	7	23.39	23.37	23.35		
3	QPSK	15	0	23.26	23.50	23.36		
3	16QAM	1	0	23.50	23.48	23.49	24.1	0.5
3	16QAM	1	8	23.39	23.54	23.33		
3	16QAM	1	14	23.48	23.37	23.43		
3	16QAM	8	0	22.80	23.00	22.88	23.6	1
3	16QAM	8	4	23.05	22.89	22.99		
3	16QAM	8	7	22.85	22.82	22.95		
3	16QAM	15	0	22.82	22.75	22.89		
3	64QAM	1	0	22.47	22.72	22.73	23.6	1
3	64QAM	1	8	22.36	22.67	22.64		
3	64QAM	1	14	22.61	22.67	22.62		
3	64QAM	8	0	21.74	21.92	21.99	22.6	2
3	64QAM	8	4	21.75	21.86	21.89		
3	64QAM	8	7	21.84	21.93	21.96		
3	64QAM	15	0	21.80	21.89	21.94		
3	256QAM	1	0	18.19	18.36	18.34	19.6	5
3	256QAM	1	8	18.14	18.29	18.21		
3	256QAM	1	14	18.17	18.23	18.25		
3	256QAM	8	0	18.26	18.42	18.25	19.6	5
3	256QAM	8	4	18.06	18.27	18.17		
3	256QAM	8	7	18.09	18.19	18.18		
3	256QAM	15	0	18.10	18.19	18.30		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.75	23.90	23.91	24.6	0
1.4	QPSK	1	3	23.97	24.02	23.88		
1.4	QPSK	1	5	23.78	23.84	23.69		
1.4	QPSK	3	0	23.75	23.90	23.89		
1.4	QPSK	3	1	23.96	24.02	23.91		
1.4	QPSK	3	3	23.78	23.82	23.69		
1.4	QPSK	6	0	23.35	23.41	23.39	24.1	0.5
1.4	16QAM	1	0	23.41	23.51	23.41	24.1	0.5
1.4	16QAM	1	3	23.42	23.44	23.31		
1.4	16QAM	1	5	23.45	23.46	23.35		
1.4	16QAM	3	0	23.35	23.39	23.40		
1.4	16QAM	3	1	23.48	23.52	23.39		
1.4	16QAM	3	3	23.40	23.46	23.27		
1.4	16QAM	6	0	22.89	22.86	22.89	23.6	1
1.4	64QAM	1	0	22.51	22.66	22.79	23.6	1
1.4	64QAM	1	3	22.39	22.65	22.63		
1.4	64QAM	1	5	22.55	22.56	22.58		
1.4	64QAM	3	0	22.53	22.60	22.71		
1.4	64QAM	3	1	22.36	22.66	22.73		
1.4	64QAM	3	3	22.62	22.70	22.58		
1.4	64QAM	6	0	21.83	21.99	21.89	22.6	2
1.4	256QAM	1	0	18.26	18.30	18.35	19.6	5
1.4	256QAM	1	3	18.23	18.29	18.21		
1.4	256QAM	1	5	18.08	18.23	18.18		
1.4	256QAM	3	0	18.21	18.34	18.29		
1.4	256QAM	3	1	18.07	18.31	18.19		
1.4	256QAM	3	3	18.08	18.25	18.14		
1.4	256QAM	6	0	18.05	18.23	18.29	19.6	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	23.78	23.82	23.73	24.5	0
20	QPSK	1	49	23.74	23.65	23.69		
20	QPSK	1	99	23.63	23.56	23.58		
20	QPSK	50	0	23.25	23.29	23.23	24	0.5
20	QPSK	50	24	23.20	23.24	23.19		
20	QPSK	50	50	23.13	23.22	23.18		
20	QPSK	100	0	23.16	23.24	23.17		
20	16QAM	1	0	23.64	23.72	23.70	24	0.5
20	16QAM	1	49	23.71	23.79	23.68		
20	16QAM	1	99	23.65	23.62	23.65		
20	16QAM	50	0	22.62	22.75	22.74	23.5	1
20	16QAM	50	24	22.62	22.66	22.72		
20	16QAM	50	50	22.61	22.66	22.70		
20	16QAM	100	0	22.61	22.69	22.70		
20	64QAM	1	0	22.29	22.52	22.35	23.5	1
20	64QAM	1	49	22.44	22.38	22.40		
20	64QAM	1	99	22.29	22.41	22.28		
20	64QAM	50	0	21.61	21.74	21.75	22.5	2
20	64QAM	50	24	21.70	21.73	21.73		
20	64QAM	50	50	21.71	21.67	21.72		
20	64QAM	100	0	21.66	21.69	21.65		
20	256QAM	1	0	18.19	18.33	18.31	19.5	5
20	256QAM	1	49	18.17	18.20	18.18		
20	256QAM	1	99	18.15	18.23	18.14		
20	256QAM	50	0	18.18	18.23	18.20	19.5	5
20	256QAM	50	24	18.10	18.25	18.19		
20	256QAM	50	50	18.21	18.25	18.24		
20	256QAM	100	0	18.20	18.30	18.18		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.71	23.59	23.57	24.5	0
15	QPSK	1	37	23.67	23.76	23.69		
15	QPSK	1	74	23.52	23.44	23.47		
15	QPSK	36	0	23.19	23.15	23.14	24	0.5
15	QPSK	36	20	23.11	23.12	23.09		
15	QPSK	36	39	23.00	23.08	23.08		
15	QPSK	75	0	23.11	23.23	23.14		
15	16QAM	1	0	23.54	23.64	23.58	24	0.5
15	16QAM	1	37	23.67	23.65	23.57		
15	16QAM	1	74	23.57	23.47	23.54		
15	16QAM	36	0	22.49	22.65	22.60	23.5	1
15	16QAM	36	20	22.55	22.51	22.59		
15	16QAM	36	39	22.52	22.62	22.58		
15	16QAM	75	0	22.47	22.62	22.59		
15	64QAM	1	0	22.25	22.47	22.32	23.5	1
15	64QAM	1	37	22.37	22.24	22.31		
15	64QAM	1	74	22.28	22.40	22.17		
15	64QAM	36	0	21.47	21.73	21.67	22.5	2
15	64QAM	36	20	21.55	21.59	21.62		
15	64QAM	36	39	21.63	21.63	21.69		
15	64QAM	75	0	21.54	21.55	21.54		
15	256QAM	1	0	18.16	18.25	18.28	19.5	5
15	256QAM	1	37	18.08	18.05	18.15		
15	256QAM	1	74	18.00	18.10	18.02		
15	256QAM	36	0	18.06	18.14	18.17	19.5	5
15	256QAM	36	20	17.96	18.18	18.09		
15	256QAM	36	39	18.18	18.24	18.23		
15	256QAM	75	0	18.11	18.21	18.06		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.64	23.52	23.65	24.5	0
10	QPSK	1	25	23.74	23.67	23.67		
10	QPSK	1	49	23.57	23.42	23.44		
10	QPSK	25	0	23.20	23.18	23.08	24	0.5
10	QPSK	25	12	23.09	23.13	23.17		
10	QPSK	25	25	23.01	23.07	23.11		
10	QPSK	50	0	23.03	23.20	23.09		
10	16QAM	1	0	23.56	23.57	23.69	24	0.5
10	16QAM	1	25	23.67	23.75	23.67		
10	16QAM	1	49	23.58	23.61	23.51		
10	16QAM	25	0	22.55	22.62	22.59	23.5	1
10	16QAM	25	12	22.47	22.65	22.58		
10	16QAM	25	25	22.46	22.52	22.62		
10	16QAM	50	0	22.47	22.57	22.61		
10	64QAM	1	0	22.20	22.49	22.29	23.5	1
10	64QAM	1	25	22.40	22.24	22.27		
10	64QAM	1	49	22.17	22.36	22.24		
10	64QAM	25	0	21.50	21.62	21.62	22.5	2
10	64QAM	25	12	21.60	21.58	21.67		
10	64QAM	25	25	21.68	21.64	21.58		
10	64QAM	50	0	21.57	21.59	21.56		
10	256QAM	1	0	18.05	18.26	18.27	19.5	5
10	256QAM	1	25	18.02	18.19	18.17		
10	256QAM	1	49	18.14	18.18	18.02		
10	256QAM	25	0	18.11	18.17	18.15	19.5	5
10	256QAM	25	12	18.06	18.22	18.13		
10	256QAM	25	25	18.20	18.13	18.12		
10	256QAM	50	0	18.19	18.25	18.23		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.59	23.58	23.67	24.5	0
5	QPSK	1	12	23.75	23.69	23.67		
5	QPSK	1	24	23.52	23.44	23.57		
5	QPSK	12	0	23.15	23.25	23.20	24	0.5
5	QPSK	12	7	23.07	23.09	23.05		
5	QPSK	12	13	23.10	23.07	23.07		
5	QPSK	25	0	23.15	23.20	23.12		
5	16QAM	1	0	23.53	23.59	23.67	24	0.5
5	16QAM	1	12	23.65	23.72	23.61		
5	16QAM	1	24	23.50	23.57	23.50		
5	16QAM	12	0	22.57	22.73	22.59	23.5	1
5	16QAM	12	7	22.52	22.61	22.62		
5	16QAM	12	13	22.53	22.54	22.66		
5	16QAM	25	0	22.58	22.68	22.63		
5	64QAM	1	0	22.21	22.46	22.33	23.5	1
5	64QAM	1	12	22.30	22.35	22.31		
5	64QAM	1	24	22.19	22.28	22.15		
5	64QAM	12	0	21.47	21.61	21.70	22.5	2
5	64QAM	12	7	21.60	21.64	21.71		
5	64QAM	12	13	21.59	21.62	21.60		
5	64QAM	25	0	21.63	21.72	21.74		
5	256QAM	1	0	18.19	18.34	18.32	19.5	5
5	256QAM	1	12	18.16	18.21	18.23		
5	256QAM	1	24	18.14	18.21	18.19		
5	256QAM	12	0	18.18	18.30	18.22	19.5	5
5	256QAM	12	7	18.05	18.32	18.28		
5	256QAM	12	13	18.20	18.34	18.29		
5	256QAM	25	0	18.28	18.39	18.27		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.71	23.64	23.68	24.5	0
3	QPSK	1	8	23.72	23.81	23.59		
3	QPSK	1	14	23.59	23.51	23.49		
3	QPSK	8	0	23.10	23.19	23.22	24	0.5
3	QPSK	8	4	23.10	23.19	23.14		
3	QPSK	8	7	23.11	23.07	23.13		
3	QPSK	15	0	23.05	23.11	23.08		
3	16QAM	1	0	23.61	23.61	23.56	24	0.5
3	16QAM	1	8	23.58	23.75	23.58		
3	16QAM	1	14	23.56	23.48	23.63		
3	16QAM	8	0	22.47	22.62	22.65	23.5	1
3	16QAM	8	4	22.48	22.55	22.68		
3	16QAM	8	7	22.49	22.51	22.55		
3	16QAM	15	0	22.49	22.62	22.69		
3	64QAM	1	0	22.26	22.41	22.23	23.5	1
3	64QAM	1	8	22.35	22.31	22.28		
3	64QAM	1	14	22.26	22.27	22.23		
3	64QAM	8	0	21.53	21.71	21.61	22.5	2
3	64QAM	8	4	21.69	21.68	21.58		
3	64QAM	8	7	21.60	21.65	21.60		
3	64QAM	15	0	21.62	21.54	21.59		
3	256QAM	1	0	18.10	18.28	18.23	19.5	5
3	256QAM	1	8	18.06	18.19	18.09		
3	256QAM	1	14	18.02	18.13	18.06		
3	256QAM	8	0	18.24	18.30	18.21	19.5	5
3	256QAM	8	4	18.18	18.23	18.17		
3	256QAM	8	7	18.30	18.26	18.33		
3	256QAM	15	0	18.22	18.31	18.16		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.71	23.58	23.59	24.5	0
1.4	QPSK	1	3	23.68	23.74	23.59		
1.4	QPSK	1	5	23.58	23.55	23.56		
1.4	QPSK	3	0	23.63	23.54	23.61		
1.4	QPSK	3	1	23.66	23.74	23.60		
1.4	QPSK	3	3	23.56	23.50	23.49		
1.4	QPSK	6	0	23.01	23.11	23.11	24	0.5
1.4	16QAM	1	0	23.54	23.58	23.63	24	0.5
1.4	16QAM	1	3	23.66	23.77	23.64		
1.4	16QAM	1	5	23.50	23.48	23.53		
1.4	16QAM	3	0	23.60	23.61	23.63		
1.4	16QAM	3	1	23.60	23.78	23.64		
1.4	16QAM	3	3	23.55	23.49	23.55		
1.4	16QAM	6	0	22.48	22.59	22.57	23.5	1
1.4	64QAM	1	0	22.27	22.43	22.23	23.5	1
1.4	64QAM	1	3	22.30	22.29	22.31		
1.4	64QAM	1	5	22.30	22.37	22.30		
1.4	64QAM	3	0	22.34	22.47	22.34		
1.4	64QAM	3	1	22.48	22.39	22.37		
1.4	64QAM	3	3	22.30	22.46	22.26		
1.4	64QAM	6	0	21.75	21.73	21.65	22.5	2
1.4	256QAM	1	0	18.23	18.41	18.35	19.5	5
1.4	256QAM	1	3	18.14	18.24	18.16		
1.4	256QAM	1	5	18.16	18.27	18.22		
1.4	256QAM	3	0	18.22	18.25	18.27		
1.4	256QAM	3	1	18.07	18.23	18.23		
1.4	256QAM	3	3	18.17	18.32	18.26		
1.4	256QAM	6	0	18.20	18.36	18.21	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.25	21.28	21.15	21.8	0
20	QPSK	1	49	21.20	21.16	21.07		
20	QPSK	1	99	21.21	21.10	21.00		
20	QPSK	50	0	20.64	20.73	20.66	21.3	0.5
20	QPSK	50	24	20.59	20.60	20.53		
20	QPSK	50	50	20.57	20.58	20.51		
20	QPSK	100	0	20.61	20.65	20.51		
20	16QAM	1	0	20.68	20.84	20.85	21.3	0.5
20	16QAM	1	49	20.88	20.87	20.90		
20	16QAM	1	99	20.93	20.70	20.77		
20	16QAM	50	0	20.09	20.18	20.10	20.8	1
20	16QAM	50	24	20.10	20.12	20.03		
20	16QAM	50	50	20.08	20.08	19.98		
20	16QAM	100	0	20.03	20.08	20.01		
20	64QAM	1	0	19.87	19.95	19.88	20.8	1
20	64QAM	1	49	19.86	19.97	19.85		
20	64QAM	1	99	19.73	19.80	19.90		
20	64QAM	50	0	19.04	19.23	19.03	19.8	2
20	64QAM	50	24	19.07	19.13	19.08		
20	64QAM	50	50	19.01	19.06	19.02		
20	64QAM	100	0	19.03	19.09	19.06		
20	256QAM	1	0	15.49	15.60	15.49	16.8	5
20	256QAM	1	49	15.44	15.52	15.43		
20	256QAM	1	99	15.43	15.55	15.52		
20	256QAM	50	0	15.41	15.47	15.35	16.8	5
20	256QAM	50	24	15.35	15.49	15.34		
20	256QAM	50	50	15.36	15.51	15.43		
20	256QAM	100	0	15.43	15.58	15.53		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.19	21.10	20.94	21.8	0
15	QPSK	1	37	21.19	21.16	21.08		
15	QPSK	1	74	21.14	20.98	20.96		
15	QPSK	36	0	20.63	20.67	20.64	21.3	0.5
15	QPSK	36	20	20.49	20.53	20.52		
15	QPSK	36	39	20.51	20.43	20.49		
15	QPSK	75	0	20.55	20.55	20.44		
15	16QAM	1	0	20.57	20.83	20.75	21.3	0.5
15	16QAM	1	37	20.85	20.77	20.88		
15	16QAM	1	74	20.86	20.59	20.64		
15	16QAM	36	0	20.04	20.11	19.98	20.8	1
15	16QAM	36	20	19.95	20.09	19.93		
15	16QAM	36	39	20.05	20.02	19.85		
15	16QAM	75	0	19.95	19.95	19.93		
15	64QAM	1	0	19.84	19.85	19.76	20.8	1
15	64QAM	1	37	19.79	19.92	19.76		
15	64QAM	1	74	19.66	19.79	19.79		
15	64QAM	36	0	19.01	19.21	18.90	19.8	2
15	64QAM	36	20	18.97	18.99	18.94		
15	64QAM	36	39	19.00	18.97	18.90		
15	64QAM	75	0	18.89	19.01	19.03		
15	256QAM	1	0	15.43	15.52	15.46	16.8	5
15	256QAM	1	37	15.36	15.38	15.38		
15	256QAM	1	74	15.32	15.52	15.48		
15	256QAM	36	0	15.35	15.46	15.34	16.8	5
15	256QAM	36	20	15.32	15.39	15.20		
15	256QAM	36	39	15.22	15.39	15.42		
15	256QAM	75	0	15.29	15.47	15.49		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.17	21.03	21.06	21.8	0
10	QPSK	1	25	21.15	21.23	21.03		
10	QPSK	1	49	21.06	21.09	20.97		
10	QPSK	25	0	20.58	20.58	20.60	21.3	0.5
10	QPSK	25	12	20.52	20.45	20.39		
10	QPSK	25	25	20.52	20.47	20.39		
10	QPSK	50	0	20.57	20.62	20.39		
10	16QAM	1	0	20.65	20.73	20.75	21.3	0.5
10	16QAM	1	25	20.73	20.80	20.85		
10	16QAM	1	49	20.79	20.58	20.63		
10	16QAM	25	0	20.05	20.03	20.03	20.8	1
10	16QAM	25	12	19.99	20.03	19.93		
10	16QAM	25	25	20.03	20.01	19.87		
10	16QAM	50	0	19.97	19.96	20.00		
10	64QAM	1	0	19.76	19.82	19.86	20.8	1
10	64QAM	1	25	19.72	19.92	19.81		
10	64QAM	1	49	19.58	19.74	19.78		
10	64QAM	25	0	18.90	19.19	19.01	19.8	2
10	64QAM	25	12	18.96	18.98	19.07		
10	64QAM	25	25	18.89	19.03	19.01		
10	64QAM	50	0	18.88	18.94	18.96		
10	256QAM	1	0	15.40	15.59	15.42	16.8	5
10	256QAM	1	25	15.31	15.42	15.34		
10	256QAM	1	49	15.40	15.45	15.37		
10	256QAM	25	0	15.36	15.35	15.26	16.8	5
10	256QAM	25	12	15.31	15.38	15.31		
10	256QAM	25	25	15.34	15.50	15.36		
10	256QAM	50	0	15.29	15.55	15.38		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.07	21.04	20.95	21.8	0
5	QPSK	1	12	21.15	21.15	21.00		
5	QPSK	1	24	21.06	21.05	20.85		
5	QPSK	12	0	20.51	20.67	20.63	21.3	0.5
5	QPSK	12	7	20.53	20.48	20.46		
5	QPSK	12	13	20.45	20.57	20.49		
5	QPSK	25	0	20.56	20.52	20.48		
5	16QAM	1	0	20.67	20.70	20.81	21.3	0.5
5	16QAM	1	12	20.79	20.73	20.89		
5	16QAM	1	24	20.78	20.61	20.64		
5	16QAM	12	0	20.03	20.10	20.02	20.8	1
5	16QAM	12	7	20.02	20.03	19.99		
5	16QAM	12	13	20.03	20.02	19.93		
5	16QAM	25	0	19.96	20.04	19.93		
5	64QAM	1	0	19.85	19.80	19.84	20.8	1
5	64QAM	1	12	19.84	19.86	19.83		
5	64QAM	1	24	19.68	19.76	19.88		
5	64QAM	12	0	19.01	19.10	19.02	19.8	2
5	64QAM	12	7	18.99	18.98	18.98		
5	64QAM	12	13	18.91	19.05	18.89		
5	64QAM	25	0	19.00	19.05	18.99		
5	256QAM	1	0	15.36	15.49	15.40	16.8	5
5	256QAM	1	12	15.38	15.49	15.31		
5	256QAM	1	24	15.28	15.46	15.47		
5	256QAM	12	0	15.32	15.40	15.25	16.8	5
5	256QAM	12	7	15.33	15.34	15.20		
5	256QAM	12	13	15.29	15.42	15.37		
5	256QAM	25	0	15.38	15.52	15.40		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.09	21.12	20.93	21.8	0
3	QPSK	1	8	21.14	21.23	21.08		
3	QPSK	1	14	21.07	20.96	20.94		
3	QPSK	8	0	20.52	20.69	20.51	21.3	0.5
3	QPSK	8	4	20.53	20.49	20.46		
3	QPSK	8	7	20.51	20.46	20.42		
3	QPSK	15	0	20.46	20.54	20.41		
3	16QAM	1	0	20.57	20.79	20.84	21.3	0.5
3	16QAM	1	8	20.75	20.81	20.83		
3	16QAM	1	14	20.80	20.69	20.72		
3	16QAM	8	0	20.08	20.15	19.95	20.8	1
3	16QAM	8	4	19.97	20.03	19.90		
3	16QAM	8	7	20.06	19.98	19.93		
3	16QAM	15	0	19.99	20.03	19.86		
3	64QAM	1	0	19.81	19.88	19.87	20.8	1
3	64QAM	1	8	19.74	19.92	19.76		
3	64QAM	1	14	19.71	19.66	19.83		
3	64QAM	8	0	19.03	19.13	18.94	19.8	2
3	64QAM	8	4	18.94	18.99	18.97		
3	64QAM	8	7	18.89	19.02	19.01		
3	64QAM	15	0	19.02	18.96	18.92		
3	256QAM	1	0	15.39	15.56	15.45	16.8	5
3	256QAM	1	8	15.38	15.39	15.37		
3	256QAM	1	14	15.30	15.48	15.51		
3	256QAM	8	0	15.32	15.45	15.33	16.8	5
3	256QAM	8	4	15.32	15.43	15.21		
3	256QAM	8	7	15.26	15.42	15.40		
3	256QAM	15	0	15.28	15.52	15.42		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.08	21.11	20.98	21.8	0
1.4	QPSK	1	3	21.23	21.20	21.06		
1.4	QPSK	1	5	21.08	21.02	20.86		
1.4	QPSK	3	0	21.14	21.14	21.01		
1.4	QPSK	3	1	21.15	21.25	21.01		
1.4	QPSK	3	3	21.14	21.01	20.96		
1.4	QPSK	6	0	20.46	20.57	20.39	21.3	0.5
1.4	16QAM	1	0	20.63	20.77	20.71	21.3	0.5
1.4	16QAM	1	3	20.80	20.82	20.75		
1.4	16QAM	1	5	20.80	20.62	20.64		
1.4	16QAM	3	0	20.65	20.69	20.72		
1.4	16QAM	3	1	20.85	20.78	20.85		
1.4	16QAM	3	3	20.79	20.67	20.69		
1.4	16QAM	6	0	19.90	20.07	19.89	20.8	1
1.4	64QAM	1	0	19.81	19.80	19.75	20.8	1
1.4	64QAM	1	3	19.72	19.96	19.79		
1.4	64QAM	1	5	19.70	19.79	19.79		
1.4	64QAM	3	0	19.81	19.93	19.79		
1.4	64QAM	3	1	19.82	19.95	19.83		
1.4	64QAM	3	3	19.70	19.76	19.89		
1.4	64QAM	6	0	18.98	18.96	18.92	19.8	2
1.4	256QAM	1	0	15.41	15.52	15.38	16.8	5
1.4	256QAM	1	3	15.35	15.39	15.32		
1.4	256QAM	1	5	15.40	15.48	15.47		
1.4	256QAM	3	0	15.29	15.46	15.20		
1.4	256QAM	3	1	15.26	15.35	15.26		
1.4	256QAM	3	3	15.35	15.39	15.30		
1.4	256QAM	6	0	15.36	15.52	15.52	16.8	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	24.12	24.15	24.08	25	0
10	QPSK	1	25	23.99	24.10	24.01		
10	QPSK	1	49	24.07	23.99	23.97		
10	QPSK	25	0	23.55	23.60	23.53	24.5	0.5
10	QPSK	25	12	23.52	23.49	23.46		
10	QPSK	25	25	23.53	23.52	23.38		
10	QPSK	50	0	23.51	23.53	23.51		
10	16QAM	1	0	23.85	23.79	23.86	24.5	0.5
10	16QAM	1	25	23.65	23.77	23.66		
10	16QAM	1	49	23.80	23.68	23.75		
10	16QAM	25	0	22.93	22.98	23.05	24	1
10	16QAM	25	12	23.03	23.03	23.01		
10	16QAM	25	25	22.92	23.03	22.91		
10	16QAM	50	0	23.00	23.08	22.95		
10	64QAM	1	0	22.60	22.43	22.53	24	1
10	64QAM	1	25	22.68	22.64	22.51		
10	64QAM	1	49	22.65	22.65	22.49		
10	64QAM	25	0	21.84	21.97	22.00	23	2
10	64QAM	25	12	22.00	21.97	22.00		
10	64QAM	25	25	21.96	21.98	21.84		
10	64QAM	50	0	21.99	22.01	21.90		
10	256QAM	1	0	18.62	18.66	18.54	20	5
10	256QAM	1	25	18.62	18.63	18.52		
10	256QAM	1	49	18.55	18.57	18.46		
10	256QAM	25	0	18.44	18.59	18.55	20	5
10	256QAM	25	12	18.49	18.52	18.42		
10	256QAM	25	25	18.47	18.57	18.44		
10	256QAM	50	0	18.52	18.62	18.50		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.97	24.08	23.93	25	0
5	QPSK	1	12	24.06	24.14	23.96		
5	QPSK	1	24	23.93	23.97	23.82		
5	QPSK	12	0	23.42	23.51	23.48	24.5	0.5
5	QPSK	12	7	23.42	23.41	23.40		
5	QPSK	12	13	23.41	23.46	23.30		
5	QPSK	25	0	23.50	23.52	23.42		
5	16QAM	1	0	23.72	23.70	23.73	24.5	0.5
5	16QAM	1	12	23.59	23.71	23.55		
5	16QAM	1	24	23.67	23.58	23.74		
5	16QAM	12	0	22.78	22.92	23.02	24	1
5	16QAM	12	7	22.93	22.95	22.90		
5	16QAM	12	13	22.79	22.94	22.80		
5	16QAM	25	0	22.92	23.05	22.83		
5	64QAM	1	0	22.49	22.34	22.38	24	1
5	64QAM	1	12	22.67	22.59	22.40		
5	64QAM	1	24	22.54	22.64	22.39		
5	64QAM	12	0	21.74	21.89	21.88	23	2
5	64QAM	12	7	21.87	21.86	21.90		
5	64QAM	12	13	21.94	21.96	21.76		
5	64QAM	25	0	21.87	21.96	21.87		
5	256QAM	1	0	18.48	18.54	18.43	20	5
5	256QAM	1	12	18.55	18.60	18.40		
5	256QAM	1	24	18.44	18.51	18.36		
5	256QAM	12	0	18.30	18.55	18.40	20	5
5	256QAM	12	7	18.42	18.37	18.31		
5	256QAM	12	13	18.43	18.42	18.39		
5	256QAM	25	0	18.45	18.52	18.46		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.86	24.05	23.96	25	0
3	QPSK	1	8	23.98	24.01	24.01		
3	QPSK	1	14	23.96	23.84	23.87		
3	QPSK	8	0	23.43	23.45	23.51	24.5	0.5
3	QPSK	8	4	23.48	23.47	23.38		
3	QPSK	8	7	23.38	23.41	23.26		
3	QPSK	15	0	23.41	23.50	23.41		
3	16QAM	1	0	23.84	23.74	23.78	24.5	0.5
3	16QAM	1	8	23.56	23.67	23.51		
3	16QAM	1	14	23.78	23.56	23.74		
3	16QAM	8	0	22.85	22.83	23.04	24	1
3	16QAM	8	4	22.97	22.98	22.96		
3	16QAM	8	7	22.79	22.89	22.85		
3	16QAM	15	0	22.98	23.06	22.82		
3	64QAM	1	0	22.45	22.34	22.47	24	1
3	64QAM	1	8	22.58	22.62	22.50		
3	64QAM	1	14	22.57	22.60	22.38		
3	64QAM	8	0	21.75	21.85	21.98	23	2
3	64QAM	8	4	21.86	21.86	21.94		
3	64QAM	8	7	21.85	21.87	21.75		
3	64QAM	15	0	21.96	21.91	21.76		
3	256QAM	1	0	18.49	18.63	18.49	20	5
3	256QAM	1	8	18.55	18.58	18.42		
3	256QAM	1	14	18.54	18.46	18.44		
3	256QAM	8	0	18.41	18.47	18.52	20	5
3	256QAM	8	4	18.35	18.43	18.37		
3	256QAM	8	7	18.39	18.47	18.40		
3	256QAM	15	0	18.41	18.57	18.47		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.95	23.97	23.91	25	0
1.4	QPSK	1	3	24.00	24.11	24.05		
1.4	QPSK	1	5	23.93	23.88	23.90		
1.4	QPSK	3	0	23.90	24.09	24.00		
1.4	QPSK	3	1	24.08	24.08	24.06		
1.4	QPSK	3	3	23.98	23.84	23.83		
1.4	QPSK	6	0	23.47	23.43	23.44	24.5	0.5
1.4	16QAM	1	0	23.70	23.75	23.76	24.5	0.5
1.4	16QAM	1	3	23.61	23.75	23.63		
1.4	16QAM	1	5	23.77	23.53	23.66		
1.4	16QAM	3	0	23.81	23.75	23.72		
1.4	16QAM	3	1	23.51	23.63	23.63		
1.4	16QAM	3	3	23.65	23.63	23.66		
1.4	16QAM	6	0	22.87	23.02	22.90	24	1
1.4	64QAM	1	0	22.56	22.38	22.45	24	1
1.4	64QAM	1	3	22.63	22.58	22.44		
1.4	64QAM	1	5	22.55	22.61	22.48		
1.4	64QAM	3	0	22.52	22.28	22.49		
1.4	64QAM	3	1	22.64	22.49	22.41		
1.4	64QAM	3	3	22.50	22.63	22.44		
1.4	64QAM	6	0	21.98	21.93	21.85	23	2
1.4	256QAM	1	0	18.54	18.54	18.45	20	5
1.4	256QAM	1	3	18.55	18.49	18.38		
1.4	256QAM	1	5	18.54	18.54	18.40		
1.4	256QAM	3	0	18.36	18.44	18.53		
1.4	256QAM	3	1	18.38	18.48	18.35		
1.4	256QAM	3	3	18.39	18.56	18.29		
1.4	256QAM	6	0	18.46	18.58	18.49	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.65	23.68	23.62	24.5	0
10	QPSK	1	25	23.61	23.65	23.59		
10	QPSK	1	49	23.60	23.61	23.50		
10	QPSK	25	0	23.12	23.15	23.11	24	0.5
10	QPSK	25	12	23.07	23.07	23.08		
10	QPSK	25	25	23.05	23.11	23.03		
10	QPSK	50	0	23.10	23.13	23.05		
10	16QAM	1	0	23.12	23.38	23.30	24	0.5
10	16QAM	1	25	23.15	23.18	23.25		
10	16QAM	1	49	23.20	23.27	23.33		
10	16QAM	25	0	22.54	22.51	22.62	23.5	1
10	16QAM	25	12	22.53	22.53	22.55		
10	16QAM	25	25	22.55	22.58	22.40		
10	16QAM	50	0	22.52	22.57	22.53		
10	64QAM	1	0	22.20	22.45	22.32	23.5	1
10	64QAM	1	25	22.22	22.35	22.32		
10	64QAM	1	49	22.18	22.39	22.44		
10	64QAM	25	0	21.54	21.52	21.62	22.5	2
10	64QAM	25	12	21.54	21.52	21.58		
10	64QAM	25	25	21.49	21.55	21.51		
10	64QAM	50	0	21.51	21.56	21.55		
10	256QAM	1	0	18.31	18.35	18.25	19.5	5
10	256QAM	1	25	18.21	18.32	18.29		
10	256QAM	1	49	18.24	18.30	18.15		
10	256QAM	25	0	18.14	18.24	18.23	19.5	5
10	256QAM	25	12	18.13	18.21	18.16		
10	256QAM	25	25	18.28	18.30	18.29		
10	256QAM	50	0	18.23	18.31	18.30		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.59	23.57	23.47	24.5	0
5	QPSK	1	12	23.58	23.53	23.51		
5	QPSK	1	24	23.53	23.57	23.39		
5	QPSK	12	0	23.07	23.06	23.01	24	0.5
5	QPSK	12	7	22.92	22.96	23.06		
5	QPSK	12	13	22.92	22.99	23.00		
5	QPSK	25	0	23.03	22.99	22.91		
5	16QAM	1	0	23.05	23.24	23.27	24	0.5
5	16QAM	1	12	23.06	23.10	23.16		
5	16QAM	1	24	23.12	23.22	23.24		
5	16QAM	12	0	22.45	22.47	22.54	23.5	1
5	16QAM	12	7	22.38	22.51	22.40		
5	16QAM	12	13	22.48	22.53	22.32		
5	16QAM	25	0	22.50	22.48	22.39		
5	64QAM	1	0	22.07	22.36	22.30	23.5	1
5	64QAM	1	12	22.14	22.28	22.19		
5	64QAM	1	24	22.12	22.35	22.32		
5	64QAM	12	0	21.53	21.44	21.58	22.5	2
5	64QAM	12	7	21.48	21.50	21.50		
5	64QAM	12	13	21.48	21.52	21.39		
5	64QAM	25	0	21.47	21.52	21.52		
5	256QAM	1	0	18.25	18.23	18.19	19.5	5
5	256QAM	1	12	18.20	18.21	18.22		
5	256QAM	1	24	18.17	18.27	18.03		
5	256QAM	12	0	18.12	18.12	18.20	19.5	5
5	256QAM	12	7	18.03	18.13	18.05		
5	256QAM	12	13	18.19	18.23	18.24		
5	256QAM	25	0	18.09	18.16	18.15		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.53	23.60	23.45	24.5	0
3	QPSK	1	8	23.64	23.57	23.60		
3	QPSK	1	14	23.49	23.51	23.35		
3	QPSK	8	0	23.05	23.05	23.09	24	0.5
3	QPSK	8	4	22.96	22.97	23.00		
3	QPSK	8	7	22.92	23.01	22.99		
3	QPSK	15	0	22.97	23.11	22.98		
3	16QAM	1	0	22.97	23.36	23.26	24	0.5
3	16QAM	1	8	23.06	23.09	23.10		
3	16QAM	1	14	23.13	23.18	23.25		
3	16QAM	8	0	22.47	22.39	22.53	23.5	1
3	16QAM	8	4	22.48	22.43	22.43		
3	16QAM	8	7	22.50	22.51	22.35		
3	16QAM	15	0	22.48	22.49	22.43		
3	64QAM	1	0	22.15	22.43	22.22	23.5	1
3	64QAM	1	8	22.14	22.22	22.29		
3	64QAM	1	14	22.17	22.30	22.34		
3	64QAM	8	0	21.42	21.49	21.53	22.5	2
3	64QAM	8	4	21.44	21.44	21.56		
3	64QAM	8	7	21.41	21.48	21.50		
3	64QAM	15	0	21.48	21.50	21.44		
3	256QAM	1	0	18.18	18.32	18.15	19.5	5
3	256QAM	1	8	18.13	18.20	18.14		
3	256QAM	1	14	18.18	18.27	18.02		
3	256QAM	8	0	18.06	18.10	18.12	19.5	5
3	256QAM	8	4	18.04	18.19	18.09		
3	256QAM	8	7	18.24	18.22	18.24		
3	256QAM	15	0	18.13	18.24	18.24		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.59	23.64	23.58	24.5	0
1.4	QPSK	1	3	23.64	23.65	23.57		
1.4	QPSK	1	5	23.54	23.49	23.41		
1.4	QPSK	3	0	23.59	23.58	23.44		
1.4	QPSK	3	1	23.55	23.56	23.47		
1.4	QPSK	3	3	23.49	23.57	23.41		
1.4	QPSK	6	0	23.00	23.10	23.02	24	0.5
1.4	16QAM	1	0	23.09	23.25	23.19	24	0.5
1.4	16QAM	1	3	23.08	23.14	23.11		
1.4	16QAM	1	5	23.09	23.17	23.30		
1.4	16QAM	3	0	23.07	23.30	23.25		
1.4	16QAM	3	1	23.11	23.05	23.24		
1.4	16QAM	3	3	23.08	23.26	23.21		
1.4	16QAM	6	0	22.48	22.44	22.39	23.5	1
1.4	64QAM	1	0	22.10	22.38	22.24	23.5	1
1.4	64QAM	1	3	22.14	22.34	22.30		
1.4	64QAM	1	5	22.03	22.31	22.29		
1.4	64QAM	3	0	22.12	22.43	22.31		
1.4	64QAM	3	1	22.12	22.27	22.31		
1.4	64QAM	3	3	22.17	22.27	22.35		
1.4	64QAM	6	0	21.45	21.49	21.52	22.5	2
1.4	256QAM	1	0	18.24	18.30	18.24	19.5	5
1.4	256QAM	1	3	18.10	18.25	18.24		
1.4	256QAM	1	5	18.15	18.26	18.05		
1.4	256QAM	3	0	18.02	18.10	18.09		
1.4	256QAM	3	1	18.09	18.08	18.02		
1.4	256QAM	3	3	18.25	18.23	18.26		
1.4	256QAM	6	0	18.16	18.23	18.20	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.42	24.48	24.42	25	0
20	QPSK	1	49	24.39	24.29	24.38		
20	QPSK	1	99	24.32	24.35	24.39		
20	QPSK	50	0	23.94	24.12	24.10	24.5	0.5
20	QPSK	50	24	23.90	23.89	24.05		
20	QPSK	50	50	23.93	23.96	24.00		
20	QPSK	100	0	23.90	24.06	24.02		
20	16QAM	1	0	24.15	24.10	24.37	24.5	0.5
20	16QAM	1	49	24.20	24.23	24.30		
20	16QAM	1	99	24.10	24.16	24.33		
20	16QAM	50	0	23.39	23.42	23.56	24	1
20	16QAM	50	24	23.38	23.43	23.63		
20	16QAM	50	50	23.39	23.49	23.66		
20	16QAM	100	0	23.37	23.43	23.64		
20	64QAM	1	0	23.02	22.96	23.12	24	1
20	64QAM	1	49	23.00	23.05	23.15		
20	64QAM	1	99	23.08	23.08	23.20		
20	64QAM	50	0	22.39	22.45	22.53	23	2
20	64QAM	50	24	22.38	22.50	22.58		
20	64QAM	50	50	22.41	22.55	22.58		
20	64QAM	100	0	22.40	22.46	22.55		
20	256QAM	1	0	19.21	19.22	19.11	20	5
20	256QAM	1	49	19.01	19.12	19.04		
20	256QAM	1	99	19.04	19.13	19.06		
20	256QAM	50	0	19.00	19.07	18.99	20	5
20	256QAM	50	24	19.15	19.18	19.13		
20	256QAM	50	50	19.04	19.09	19.05		
20	256QAM	100	0	19.12	19.18	19.16		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.30	24.24	24.36	25	0
15	QPSK	1	37	24.39	24.39	24.35		
15	QPSK	1	74	24.31	24.25	24.30		
15	QPSK	36	0	23.80	24.04	24.03	24.5	0.5
15	QPSK	36	20	23.79	23.85	23.98		
15	QPSK	36	39	23.86	23.95	23.95		
15	QPSK	75	0	23.84	24.01	23.92		
15	16QAM	1	0	24.01	23.95	24.30	24.5	0.5
15	16QAM	1	37	24.17	24.15	24.19		
15	16QAM	1	74	23.98	24.08	24.29		
15	16QAM	36	0	23.33	23.33	23.51	24	1
15	16QAM	36	20	23.25	23.30	23.48		
15	16QAM	36	39	23.31	23.36	23.61		
15	16QAM	75	0	23.27	23.35	23.55		
15	64QAM	1	0	22.94	22.87	23.03	24	1
15	64QAM	1	37	22.85	23.02	23.13		
15	64QAM	1	74	23.06	23.05	23.07		
15	64QAM	36	0	22.35	22.34	22.43	23	2
15	64QAM	36	20	22.27	22.48	22.48		
15	64QAM	36	39	22.39	22.41	22.54		
15	64QAM	75	0	22.26	22.43	22.51		
15	256QAM	1	0	19.08	19.14	19.01	20	5
15	256QAM	1	37	18.92	19.04	19.02		
15	256QAM	1	74	18.91	19.12	18.98		
15	256QAM	36	0	18.89	19.05	18.98	20	5
15	256QAM	36	20	19.00	19.12	19.04		
15	256QAM	36	39	19.02	18.97	18.98		
15	256QAM	75	0	19.05	19.16	19.13		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.30	24.22	24.25	25	0
10	QPSK	1	25	24.30	24.45	24.35		
10	QPSK	1	49	24.28	24.31	24.37		
10	QPSK	25	0	23.82	23.97	23.97	24.5	0.5
10	QPSK	25	12	23.84	23.88	23.98		
10	QPSK	25	25	23.90	23.81	23.91		
10	QPSK	50	0	23.85	23.95	23.94		
10	16QAM	1	0	24.00	24.02	24.24	24.5	0.5
10	16QAM	1	25	24.12	24.13	24.25		
10	16QAM	1	49	24.02	24.03	24.25		
10	16QAM	25	0	23.33	23.33	23.52	24	1
10	16QAM	25	12	23.35	23.34	23.48		
10	16QAM	25	25	23.25	23.47	23.60		
10	16QAM	50	0	23.35	23.41	23.51		
10	64QAM	1	0	22.90	22.84	22.99	24	1
10	64QAM	1	25	22.97	22.90	23.02		
10	64QAM	1	49	22.93	22.97	23.05		
10	64QAM	25	0	22.35	22.33	22.51	23	2
10	64QAM	25	12	22.32	22.46	22.53		
10	64QAM	25	25	22.35	22.52	22.53		
10	64QAM	50	0	22.30	22.39	22.50		
10	256QAM	1	0	19.16	19.10	19.07	20	5
10	256QAM	1	25	19.00	19.08	18.89		
10	256QAM	1	49	18.92	19.02	19.01		
10	256QAM	25	0	18.86	18.93	18.93	20	5
10	256QAM	25	12	19.04	19.09	19.03		
10	256QAM	25	25	19.00	19.08	19.00		
10	256QAM	50	0	19.04	19.05	19.03		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.34	24.24	24.37	25	0
5	QPSK	1	12	24.31	24.41	24.37		
5	QPSK	1	24	24.26	24.22	24.33		
5	QPSK	12	0	23.92	24.00	24.03	24.5	0.5
5	QPSK	12	7	23.81	23.81	23.98		
5	QPSK	12	13	23.83	23.94	23.99		
5	QPSK	25	0	23.83	23.96	23.94		
5	16QAM	1	0	24.03	24.09	24.24	24.5	0.5
5	16QAM	1	12	24.11	24.12	24.16		
5	16QAM	1	24	24.06	24.09	24.28		
5	16QAM	12	0	23.34	23.40	23.50	24	1
5	16QAM	12	7	23.30	23.35	23.51		
5	16QAM	12	13	23.30	23.38	23.59		
5	16QAM	25	0	23.35	23.31	23.56		
5	64QAM	1	0	22.88	22.85	23.06	24	1
5	64QAM	1	12	22.86	23.02	23.02		
5	64QAM	1	24	22.94	22.97	23.11		
5	64QAM	12	0	22.33	22.41	22.44	23	2
5	64QAM	12	7	22.24	22.47	22.57		
5	64QAM	12	13	22.28	22.41	22.48		
5	64QAM	25	0	22.32	22.37	22.44		
5	256QAM	1	0	19.16	19.07	18.97	20	5
5	256QAM	1	12	18.87	18.99	18.92		
5	256QAM	1	24	18.99	19.06	18.92		
5	256QAM	12	0	18.92	18.93	18.92	20	5
5	256QAM	12	7	19.09	19.14	19.05		
5	256QAM	12	13	19.00	19.00	18.93		
5	256QAM	25	0	19.05	19.05	19.15		

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BW [MHz]	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	23.83	24.08	24.05	24.5	0
20	QPSK	1	49	23.76	23.76	23.78		
20	QPSK	1	99	23.76	23.87	24.00		
20	QPSK	50	0	23.31	23.42	23.40	24	0.5
20	QPSK	50	24	23.26	23.39	23.38		
20	QPSK	50	50	23.27	23.37	23.35		
20	QPSK	100	0	23.29	23.38	23.35		
20	16QAM	1	0	23.32	23.36	23.56	24	0.5
20	16QAM	1	49	23.35	23.45	23.50		
20	16QAM	1	99	23.26	23.54	23.48		
20	16QAM	50	0	22.75	22.73	22.93	23.5	1
20	16QAM	50	24	22.70	22.76	22.99		
20	16QAM	50	50	22.70	22.92	23.01		
20	16QAM	100	0	22.73	22.75	22.92		
20	64QAM	1	0	22.40	22.44	22.30	23.5	1
20	64QAM	1	49	22.67	22.60	22.56		
20	64QAM	1	99	22.50	22.59	22.56		
20	64QAM	50	0	21.74	21.87	21.95	22.5	2
20	64QAM	50	24	21.78	21.92	22.00		
20	64QAM	50	50	21.78	21.96	21.99		
20	64QAM	100	0	21.80	21.93	21.96		
20	256QAM	1	0	18.49	18.63	18.59	19.5	5
20	256QAM	1	49	18.47	18.58	18.44		
20	256QAM	1	99	18.42	18.48	18.38		
20	256QAM	50	0	18.45	18.58	18.54	19.5	5
20	256QAM	50	24	18.51	18.59	18.50		
20	256QAM	50	50	18.48	18.56	18.48		
20	256QAM	100	0	18.52	18.55	18.46		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.66	23.66	23.75	24.5	0
15	QPSK	1	37	23.81	23.98	23.95		
15	QPSK	1	74	23.73	23.75	23.89		
15	QPSK	36	0	23.21	23.32	23.30	24	0.5
15	QPSK	36	20	23.11	23.34	23.26		
15	QPSK	36	39	23.25	23.30	23.32		
15	QPSK	75	0	23.22	23.33	23.23		
15	16QAM	1	0	23.17	23.24	23.54	24	0.5
15	16QAM	1	37	23.29	23.34	23.49		
15	16QAM	1	74	23.23	23.42	23.34		
15	16QAM	36	0	22.63	22.64	22.86	23.5	1
15	16QAM	36	20	22.62	22.69	22.92		
15	16QAM	36	39	22.55	22.78	22.86		
15	16QAM	75	0	22.70	22.63	22.78		
15	64QAM	1	0	22.25	22.43	22.22	23.5	1
15	64QAM	1	37	22.63	22.46	22.48		
15	64QAM	1	74	22.36	22.44	22.48		
15	64QAM	36	0	21.60	21.81	21.83	22.5	2
15	64QAM	36	20	21.68	21.79	21.96		
15	64QAM	36	39	21.69	21.86	21.84		
15	64QAM	75	0	21.74	21.91	21.93		
15	256QAM	1	0	18.47	18.56	18.53	19.5	5
15	256QAM	1	37	18.43	18.43	18.29		
15	256QAM	1	74	18.36	18.47	18.31		
15	256QAM	36	0	18.41	18.48	18.43	19.5	5
15	256QAM	36	20	18.50	18.49	18.36		
15	256QAM	36	39	18.33	18.52	18.36		
15	256QAM	75	0	18.45	18.43	18.36		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.72	23.69	23.66	24.5	0
10	QPSK	1	25	23.82	23.99	23.96		
10	QPSK	1	49	23.64	23.83	23.98		
10	QPSK	25	0	23.20	23.27	23.33	24	0.5
10	QPSK	25	12	23.24	23.32	23.33		
10	QPSK	25	25	23.13	23.34	23.22		
10	QPSK	50	0	23.24	23.28	23.25		
10	16QAM	1	0	23.23	23.27	23.44	24	0.5
10	16QAM	1	25	23.28	23.30	23.41		
10	16QAM	1	49	23.25	23.44	23.44		
10	16QAM	25	0	22.60	22.63	22.91	23.5	1
10	16QAM	25	12	22.61	22.64	22.87		
10	16QAM	25	25	22.64	22.77	23.00		
10	16QAM	50	0	22.68	22.66	22.90		
10	64QAM	1	0	22.26	22.36	22.25	23.5	1
10	64QAM	1	25	22.66	22.50	22.49		
10	64QAM	1	49	22.40	22.49	22.42		
10	64QAM	25	0	21.64	21.79	21.81	22.5	2
10	64QAM	25	12	21.76	21.89	21.89		
10	64QAM	25	25	21.77	21.94	21.86		
10	64QAM	50	0	21.70	21.81	21.81		
10	256QAM	1	0	18.41	18.50	18.53	19.5	5
10	256QAM	1	25	18.35	18.46	18.32		
10	256QAM	1	49	18.41	18.34	18.36		
10	256QAM	25	0	18.39	18.44	18.48	19.5	5
10	256QAM	25	12	18.36	18.46	18.36		
10	256QAM	25	25	18.46	18.50	18.40		
10	256QAM	50	0	18.50	18.40	18.39		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.64	23.64	23.69	24.5	0
5	QPSK	1	12	23.68	24.00	23.93		
5	QPSK	1	24	23.62	23.72	23.91		
5	QPSK	12	0	23.19	23.27	23.28	24	0.5
5	QPSK	12	7	23.18	23.32	23.29		
5	QPSK	12	13	23.17	23.27	23.24		
5	QPSK	25	0	23.22	23.26	23.28		
5	16QAM	1	0	23.23	23.34	23.53	24	0.5
5	16QAM	1	12	23.30	23.43	23.39		
5	16QAM	1	24	23.12	23.41	23.35		
5	16QAM	12	0	22.72	22.66	22.89	23.5	1
5	16QAM	12	7	22.69	22.73	22.87		
5	16QAM	12	13	22.61	22.91	22.96		
5	16QAM	25	0	22.59	22.71	22.81		
5	64QAM	1	0	22.39	22.40	22.24	23.5	1
5	64QAM	1	12	22.54	22.55	22.46		
5	64QAM	1	24	22.48	22.54	22.46		
5	64QAM	12	0	21.66	21.80	21.89	22.5	2
5	64QAM	12	7	21.63	21.81	21.89		
5	64QAM	12	13	21.68	21.89	21.98		
5	64QAM	25	0	21.70	21.83	21.91		
5	256QAM	1	0	18.48	18.52	18.58	19.5	5
5	256QAM	1	12	18.38	18.54	18.30		
5	256QAM	1	24	18.40	18.44	18.25		
5	256QAM	12	0	18.38	18.56	18.42	19.5	5
5	256QAM	12	7	18.45	18.56	18.40		
5	256QAM	12	13	18.33	18.41	18.33		
5	256QAM	25	0	18.43	18.50	18.44		

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BW [MHz]	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	23.92	23.99	23.96	24.4	0
20	QPSK	1	49	23.82	23.92	23.94		
20	QPSK	1	99	23.87	23.75	23.67		
20	QPSK	50	0	23.45	23.52	23.44	23.9	0.5
20	QPSK	50	24	23.35	23.42	23.37		
20	QPSK	50	50	23.35	23.41	23.37		
20	QPSK	100	0	23.41	23.42	23.37		
20	16QAM	1	0	23.74	23.71	23.66	23.9	0.5
20	16QAM	1	49	23.70	23.75	23.71		
20	16QAM	1	99	23.44	23.64	23.56		
20	16QAM	50	0	22.88	23.01	22.92	23.4	1
20	16QAM	50	24	22.88	22.91	22.93		
20	16QAM	50	50	22.87	22.93	22.84		
20	16QAM	100	0	22.82	22.88	22.86		
20	64QAM	1	0	22.16	22.21	22.24	23.4	1
20	64QAM	1	49	22.10	22.29	22.15		
20	64QAM	1	99	22.05	22.30	22.18		
20	64QAM	50	0	21.83	21.98	21.93	22.4	2
20	64QAM	50	24	21.91	21.93	21.88		
20	64QAM	50	50	21.84	21.93	21.84		
20	64QAM	100	0	21.87	21.86	21.85		
20	256QAM	1	0	18.48	18.60	18.55	19.4	5
20	256QAM	1	49	18.51	18.54	18.44		
20	256QAM	1	99	18.43	18.55	18.44		
20	256QAM	50	0	18.39	18.49	18.41	19.4	5
20	256QAM	50	24	18.47	18.59	18.46		
20	256QAM	50	50	18.40	18.49	18.37		
20	256QAM	100	0	18.41	18.53	18.41		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.69	23.81	23.83	24.4	0
15	QPSK	1	37	23.84	23.97	23.92		
15	QPSK	1	74	23.75	23.66	23.61		
15	QPSK	36	0	23.32	23.38	23.30	23.9	0.5
15	QPSK	36	20	23.28	23.35	23.26		
15	QPSK	36	39	23.29	23.36	23.24		
15	QPSK	75	0	23.27	23.28	23.29		
15	16QAM	1	0	23.88	23.82	23.82	23.9	0.5
15	16QAM	1	37	23.77	23.81	23.79		
15	16QAM	1	74	23.58	23.72	23.69		
15	16QAM	36	0	22.80	22.95	22.78	23.4	1
15	16QAM	36	20	22.73	22.84	22.87		
15	16QAM	36	39	22.86	22.90	22.82		
15	16QAM	75	0	22.70	22.79	22.73		
15	64QAM	1	0	22.12	22.09	22.18	23.4	1
15	64QAM	1	37	22.01	22.25	22.05		
15	64QAM	1	74	21.95	22.16	22.09		
15	64QAM	36	0	21.72	21.92	21.80	22.4	2
15	64QAM	36	20	21.87	21.79	21.82		
15	64QAM	36	39	21.76	21.84	21.73		
15	64QAM	75	0	21.82	21.77	21.82		
15	256QAM	1	0	18.36	18.59	18.45	19.4	5
15	256QAM	1	37	18.38	18.51	18.42		
15	256QAM	1	74	18.40	18.45	18.40		
15	256QAM	36	0	18.31	18.46	18.40	19.4	5
15	256QAM	36	20	18.40	18.54	18.44		
15	256QAM	36	39	18.28	18.44	18.36		
15	256QAM	75	0	18.32	18.52	18.37		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.80	23.81	23.83	24.4	0
10	QPSK	1	25	23.80	23.98	23.86		
10	QPSK	1	49	23.84	23.60	23.59		
10	QPSK	25	0	23.40	23.43	23.33	23.9	0.5
10	QPSK	25	12	23.30	23.41	23.28		
10	QPSK	25	25	23.28	23.26	23.22		
10	QPSK	50	0	23.34	23.38	23.25		
10	16QAM	1	0	23.85	23.87	23.84	23.9	0.5
10	16QAM	1	25	23.82	23.87	23.88		
10	16QAM	1	49	23.63	23.77	23.64		
10	16QAM	25	0	22.83	22.95	22.85	23.4	1
10	16QAM	25	12	22.81	22.76	22.79		
10	16QAM	25	25	22.77	22.89	22.83		
10	16QAM	50	0	22.69	22.74	22.71		
10	64QAM	1	0	22.05	22.14	22.18	23.4	1
10	64QAM	1	25	22.05	22.20	22.10		
10	64QAM	1	49	22.03	22.24	22.08		
10	64QAM	25	0	21.74	21.93	21.87	22.4	2
10	64QAM	25	12	21.90	21.85	21.83		
10	64QAM	25	25	21.79	21.78	21.69		
10	64QAM	50	0	21.86	21.80	21.76		
10	256QAM	1	0	18.34	18.49	18.54	19.4	5
10	256QAM	1	25	18.38	18.53	18.37		
10	256QAM	1	49	18.31	18.46	18.41		
10	256QAM	25	0	18.24	18.35	18.31	19.4	5
10	256QAM	25	12	18.46	18.50	18.34		
10	256QAM	25	25	18.32	18.38	18.25		
10	256QAM	50	0	18.32	18.39	18.40		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.67	23.91	23.89	24.4	0
5	QPSK	1	12	23.85	23.98	23.88		
5	QPSK	1	24	23.73	23.60	23.66		
5	QPSK	12	0	23.30	23.39	23.34	23.9	0.5
5	QPSK	12	7	23.28	23.34	23.28		
5	QPSK	12	13	23.23	23.26	23.31		
5	QPSK	25	0	23.36	23.31	23.25		
5	16QAM	1	0	23.90	23.83	23.87	23.9	0.5
5	16QAM	1	12	23.80	23.85	23.88		
5	16QAM	1	24	23.54	23.84	23.73		
5	16QAM	12	0	22.84	22.90	22.83	23.4	1
5	16QAM	12	7	22.87	22.89	22.83		
5	16QAM	12	13	22.77	22.84	22.75		
5	16QAM	25	0	22.78	22.79	22.79		
5	64QAM	1	0	22.05	22.15	22.12	23.4	1
5	64QAM	1	12	21.99	22.19	22.04		
5	64QAM	1	24	21.95	22.23	22.08		
5	64QAM	12	0	21.68	21.94	21.82	22.4	2
5	64QAM	12	7	21.81	21.89	21.83		
5	64QAM	12	13	21.75	21.88	21.76		
5	64QAM	25	0	21.82	21.79	21.80		
5	256QAM	1	0	18.37	18.57	18.54	19.4	5
5	256QAM	1	12	18.48	18.44	18.43		
5	256QAM	1	24	18.35	18.45	18.35		
5	256QAM	12	0	18.28	18.45	18.27	19.4	5
5	256QAM	12	7	18.33	18.48	18.31		
5	256QAM	12	13	18.36	18.36	18.25		
5	256QAM	25	0	18.35	18.50	18.36		

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BW [MHz]	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	19.33	19.78	20.00	21	0
20	QPSK	1	49	19.24	19.67	19.88		
20	QPSK	1	99	19.29	19.67	19.91		
20	QPSK	50	0	19.26	19.75	19.95	21	0
20	QPSK	50	24	19.19	19.70	19.90		
20	QPSK	50	50	19.25	19.72	19.94		
20	QPSK	100	0	19.28	19.73	19.87		
20	16QAM	1	0	19.25	19.72	19.93	21	0
20	16QAM	1	49	19.32	19.66	19.96		
20	16QAM	1	99	19.29	19.67	19.88		
20	16QAM	50	0	18.52	18.85	19.22	20	1
20	16QAM	50	24	18.40	18.80	19.10		
20	16QAM	50	50	18.40	18.79	19.07		
20	16QAM	100	0	18.43	18.81	19.09		
20	64QAM	1	0	18.40	18.80	19.19	20	1
20	64QAM	1	49	18.51	18.71	19.08		
20	64QAM	1	99	18.42	18.76	19.08		
20	64QAM	50	0	17.69	18.00	18.25	19	2
20	64QAM	50	24	17.75	18.02	18.22		
20	64QAM	50	50	17.80	18.05	18.23		
20	64QAM	100	0	17.63	18.00	18.28		
20	256QAM	1	0	14.50	14.87	15.17	16	5
20	256QAM	1	49	14.53	14.82	15.14		
20	256QAM	1	99	14.45	14.85	15.07		
20	256QAM	50	0	14.35	14.81	15.05	16	5
20	256QAM	50	24	14.36	14.75	15.05		
20	256QAM	50	50	14.52	14.87	15.15		
20	256QAM	100	0	14.42	14.82	15.08		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.13	19.54	19.73	21	0
15	QPSK	1	37	19.20	19.64	19.91		
15	QPSK	1	74	19.15	19.57	19.83		
15	QPSK	36	0	19.17	19.61	19.86	21	0
15	QPSK	36	20	19.08	19.69	19.78		
15	QPSK	36	39	19.20	19.69	19.79		
15	QPSK	75	0	19.27	19.58	19.76		
15	16QAM	1	0	19.20	19.60	19.83	21	0
15	16QAM	1	37	19.21	19.63	19.87		
15	16QAM	1	74	19.23	19.56	19.73		
15	16QAM	36	0	18.38	18.83	19.14	20	1
15	16QAM	36	20	18.33	18.69	18.98		
15	16QAM	36	39	18.30	18.69	19.04		
15	16QAM	75	0	18.39	18.77	18.99		
15	64QAM	1	0	18.26	18.74	19.07	20	1
15	64QAM	1	37	18.36	18.66	18.98		
15	64QAM	1	74	18.28	18.75	18.96		
15	64QAM	36	0	17.65	17.93	18.20	19	2
15	64QAM	36	20	17.74	17.99	18.19		
15	64QAM	36	39	17.66	17.96	18.13		
15	64QAM	75	0	17.53	17.88	18.13		
15	256QAM	1	0	14.35	14.72	15.09	16	5
15	256QAM	1	37	14.38	14.73	15.04		
15	256QAM	1	74	14.41	14.78	15.02		
15	256QAM	36	0	14.25	14.74	14.93	16	5
15	256QAM	36	20	14.29	14.73	15.02		
15	256QAM	36	39	14.46	14.80	15.13		
15	256QAM	75	0	14.32	14.68	15.01		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.23	19.60	19.81	21	0
10	QPSK	1	25	19.27	19.64	19.94		
10	QPSK	1	49	19.21	19.53	19.79		
10	QPSK	25	0	19.22	19.63	19.91	21	0
10	QPSK	25	12	19.10	19.63	19.83		
10	QPSK	25	25	19.20	19.65	19.85		
10	QPSK	50	0	19.25	19.70	19.78		
10	16QAM	1	0	19.24	19.61	19.91	21	0
10	16QAM	1	25	19.24	19.54	19.88		
10	16QAM	1	49	19.24	19.66	19.83		
10	16QAM	25	0	18.51	18.76	19.19	20	1
10	16QAM	25	12	18.25	18.77	19.07		
10	16QAM	25	25	18.29	18.71	19.05		
10	16QAM	50	0	18.42	18.68	19.01		
10	64QAM	1	0	18.27	18.72	19.06	20	1
10	64QAM	1	25	18.43	18.59	19.05		
10	64QAM	1	49	18.40	18.61	19.02		
10	64QAM	25	0	17.65	17.92	18.22	19	2
10	64QAM	25	12	17.61	17.92	18.20		
10	64QAM	25	25	17.75	18.04	18.22		
10	64QAM	50	0	17.61	17.88	18.17		
10	256QAM	1	0	14.41	14.76	15.03	16	5
10	256QAM	1	25	14.39	14.67	15.08		
10	256QAM	1	49	14.42	14.76	15.03		
10	256QAM	25	0	14.22	14.68	14.97	16	5
10	256QAM	25	12	14.27	14.63	14.97		
10	256QAM	25	25	14.51	14.81	15.05		
10	256QAM	50	0	14.31	14.78	15.05		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.12	19.63	19.81	21	0
5	QPSK	1	12	19.30	19.76	19.91		
5	QPSK	1	24	19.18	19.54	19.86		
5	QPSK	12	0	19.26	19.60	19.94	21	0
5	QPSK	12	7	19.08	19.59	19.79		
5	QPSK	12	13	19.21	19.70	19.90		
5	QPSK	25	0	19.16	19.58	19.73		
5	16QAM	1	0	19.18	19.70	19.81	21	0
5	16QAM	1	12	19.26	19.54	19.81		
5	16QAM	1	24	19.23	19.57	19.80		
5	16QAM	12	0	18.49	18.72	19.09	20	1
5	16QAM	12	7	18.26	18.69	19.05		
5	16QAM	12	13	18.26	18.72	18.96		
5	16QAM	25	0	18.39	18.75	19.07		
5	64QAM	1	0	18.29	18.77	19.13	20	1
5	64QAM	1	12	18.38	18.67	18.97		
5	64QAM	1	24	18.37	18.65	19.02		
5	64QAM	12	0	17.54	17.94	18.14	19	2
5	64QAM	12	7	17.67	17.92	18.20		
5	64QAM	12	13	17.67	18.00	18.17		
5	64QAM	25	0	17.51	17.88	18.18		
5	256QAM	1	0	14.42	14.78	15.13	16	5
5	256QAM	1	12	14.50	14.67	15.10		
5	256QAM	1	24	14.32	14.71	15.02		
5	256QAM	12	0	14.20	14.77	14.96	16	5
5	256QAM	12	7	14.26	14.66	14.98		
5	256QAM	12	13	14.50	14.81	15.11		
5	256QAM	25	0	14.36	14.74	14.97		

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BW [MHz]	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	22.83	22.88	22.84	23.8	0
10	QPSK	1	25	22.73	22.80	22.67		
10	QPSK	1	49	22.79	22.80	22.78		
10	QPSK	25	0	22.26	22.33	22.28	23.3	0.5
10	QPSK	25	12	22.25	22.17	22.16		
10	QPSK	25	25	22.23	22.15	22.25		
10	QPSK	50	0	22.27	22.30	22.23		
10	16QAM	1	0	22.61	22.53	22.54	23.3	0.5
10	16QAM	1	25	22.46	22.42	22.58		
10	16QAM	1	49	22.73	22.61	22.56		
10	16QAM	25	0	21.67	21.64	21.68	22.8	1
10	16QAM	25	12	21.72	21.62	21.70		
10	16QAM	25	25	21.79	21.60	21.74		
10	16QAM	50	0	21.77	21.64	21.79		
10	64QAM	1	0	21.55	21.56	21.58	22.8	1
10	64QAM	1	25	21.50	21.52	21.50		
10	64QAM	1	49	21.35	21.33	21.47		
10	64QAM	25	0	20.70	20.64	20.65	21.8	2
10	64QAM	25	12	20.74	20.59	20.70		
10	64QAM	25	25	20.78	20.70	20.68		
10	64QAM	50	0	20.71	20.66	20.72		
10	256QAM	1	0	17.67	17.78	17.71	18.8	5
10	256QAM	1	25	17.62	17.65	17.60		
10	256QAM	1	49	17.65	17.66	17.58		
10	256QAM	25	0	17.65	17.74	17.59	18.8	5
10	256QAM	25	12	17.58	17.63	17.50		
10	256QAM	25	25	17.62	17.74	17.64		
10	256QAM	50	0	17.71	17.72	17.69		
Channel				23025	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.63	22.79	22.66	23.8	0
5	QPSK	1	12	22.75	22.84	22.73		
5	QPSK	1	24	22.75	22.65	22.72		
5	QPSK	12	0	22.16	22.27	22.18	23.3	0.5
5	QPSK	12	7	22.15	22.15	22.09		
5	QPSK	12	13	22.22	22.02	22.15		
5	QPSK	25	0	22.17	22.25	22.08		
5	16QAM	1	0	22.54	22.49	22.41	23.3	0.5
5	16QAM	1	12	22.41	22.28	22.55		
5	16QAM	1	24	22.62	22.58	22.44		
5	16QAM	12	0	21.60	21.50	21.67	22.8	1
5	16QAM	12	7	21.58	21.50	21.68		
5	16QAM	12	13	21.69	21.56	21.67		
5	16QAM	25	0	21.69	21.54	21.69		
5	64QAM	1	0	21.52	21.43	21.53	22.8	1
5	64QAM	1	12	21.41	21.42	21.43		
5	64QAM	1	24	21.24	21.27	21.46		
5	64QAM	12	0	20.60	20.52	20.64	21.8	2
5	64QAM	12	7	20.65	20.49	20.57		
5	64QAM	12	13	20.69	20.65	20.56		
5	64QAM	25	0	20.60	20.58	20.66		
5	256QAM	1	0	17.59	17.71	17.61	18.8	5
5	256QAM	1	12	17.54	17.55	17.58		
5	256QAM	1	24	17.51	17.55	17.44		
5	256QAM	12	0	17.53	17.65	17.44	18.8	5
5	256QAM	12	7	17.45	17.50	17.40		
5	256QAM	12	13	17.61	17.62	17.55		
5	256QAM	25	0	17.57	17.70	17.64		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.65	22.67	22.58	23.8	0
3	QPSK	1	8	22.72	22.86	22.83		
3	QPSK	1	14	22.76	22.75	22.76		
3	QPSK	8	0	22.22	22.22	22.13	23.3	0.5
3	QPSK	8	4	22.21	22.11	22.11		
3	QPSK	8	7	22.10	22.04	22.17		
3	QPSK	15	0	22.13	22.18	22.10		
3	16QAM	1	0	22.48	22.43	22.39	23.3	0.5
3	16QAM	1	8	22.38	22.28	22.56		
3	16QAM	1	14	22.59	22.48	22.41		
3	16QAM	8	0	21.54	21.53	21.61	22.8	1
3	16QAM	8	4	21.66	21.55	21.62		
3	16QAM	8	7	21.68	21.47	21.70		
3	16QAM	15	0	21.69	21.63	21.67		
3	64QAM	1	0	21.43	21.52	21.55	22.8	1
3	64QAM	1	8	21.45	21.41	21.37		
3	64QAM	1	14	21.23	21.19	21.33		
3	64QAM	8	0	20.59	20.55	20.57	21.8	2
3	64QAM	8	4	20.70	20.50	20.69		
3	64QAM	8	7	20.66	20.62	20.57		
3	64QAM	15	0	20.66	20.54	20.64		
3	256QAM	1	0	17.63	17.66	17.64	18.8	5
3	256QAM	1	8	17.59	17.58	17.46		
3	256QAM	1	14	17.64	17.60	17.49		
3	256QAM	8	0	17.57	17.66	17.52	18.8	5
3	256QAM	8	4	17.53	17.62	17.41		
3	256QAM	8	7	17.52	17.73	17.53		
3	256QAM	15	0	17.65	17.57	17.58		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.69	22.71	22.54	23.8	0
1.4	QPSK	1	3	22.72	22.75	22.82		
1.4	QPSK	1	5	22.72	22.74	22.70		
1.4	QPSK	3	0	22.51	22.65	22.55		
1.4	QPSK	3	1	22.74	22.74	22.78		
1.4	QPSK	3	3	22.75	22.73	22.68		
1.4	QPSK	6	0	22.24	22.17	22.22	23.3	0.5
1.4	16QAM	1	0	22.50	22.41	22.44	23.3	0.5
1.4	16QAM	1	3	22.41	22.38	22.56		
1.4	16QAM	1	5	22.69	22.51	22.49		
1.4	16QAM	3	0	22.49	22.40	22.42		
1.4	16QAM	3	1	22.36	22.35	22.56		
1.4	16QAM	3	3	22.71	22.52	22.43		
1.4	16QAM	6	0	21.66	21.59	21.72	22.8	1
1.4	64QAM	1	0	21.40	21.46	21.46	22.8	1
1.4	64QAM	1	3	21.46	21.39	21.46		
1.4	64QAM	1	5	21.24	21.29	21.33		
1.4	64QAM	3	0	21.41	21.48	21.43		
1.4	64QAM	3	1	21.49	21.48	21.47		
1.4	64QAM	3	3	21.27	21.21	21.41		
1.4	64QAM	6	0	20.67	20.53	20.58	21.8	2
1.4	256QAM	1	0	17.60	17.74	17.65	18.8	5
1.4	256QAM	1	3	17.58	17.54	17.48		
1.4	256QAM	1	5	17.64	17.63	17.47		
1.4	256QAM	3	0	17.53	17.72	17.46		
1.4	256QAM	3	1	17.44	17.48	17.45		
1.4	256QAM	3	3	17.60	17.71	17.56		
1.4	256QAM	6	0	17.64	17.63	17.56	18.8	5

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.30	22.36	22.33	23.3	0
10	QPSK	1	25	22.13	22.20	22.28		
10	QPSK	1	49	22.28	22.33	22.31		
10	QPSK	25	0	21.73	21.76	21.74	22.8	0.5
10	QPSK	25	12	21.68	21.54	21.67		
10	QPSK	25	25	21.70	21.66	21.71		
10	QPSK	50	0	21.63	21.72	21.67		
10	16QAM	1	0	21.75	21.91	21.87	22.8	0.5
10	16QAM	1	25	21.75	22.05	21.78		
10	16QAM	1	49	21.99	22.08	22.02		
10	16QAM	25	0	21.24	21.11	21.15	22.3	1
10	16QAM	25	12	21.31	21.12	21.09		
10	16QAM	25	25	21.31	21.10	21.21		
10	16QAM	50	0	21.23	21.14	21.24		
10	64QAM	1	0	20.90	21.03	21.02	22.3	1
10	64QAM	1	25	20.83	20.96	20.88		
10	64QAM	1	49	20.98	21.01	21.10		
10	64QAM	25	0	20.14	20.19	20.17	21.3	2
10	64QAM	25	12	20.19	20.11	20.11		
10	64QAM	25	25	20.25	20.16	20.17		
10	64QAM	50	0	20.26	20.18	20.19		
10	256QAM	1	0	17.10	17.24	17.21	18.3	5
10	256QAM	1	25	17.13	17.22	17.18		
10	256QAM	1	49	17.13	17.16	17.05		
10	256QAM	25	0	17.02	17.09	17.04	18.3	5
10	256QAM	25	12	17.00	17.11	17.01		
10	256QAM	25	25	17.10	17.21	17.09		
10	256QAM	50	0	17.04	17.18	17.10		
Channel				23025	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.04	22.08	22.20	23.3	0
5	QPSK	1	12	22.25	22.32	22.32		
5	QPSK	1	24	22.23	22.29	22.27		
5	QPSK	12	0	21.72	21.61	21.66	22.8	0.5
5	QPSK	12	7	21.54	21.43	21.54		
5	QPSK	12	13	21.67	21.60	21.70		
5	QPSK	25	0	21.50	21.58	21.52		
5	16QAM	1	0	21.64	21.84	21.72	22.8	0.5
5	16QAM	1	12	21.61	21.93	21.64		
5	16QAM	1	24	21.89	21.99	21.94		
5	16QAM	12	0	21.20	21.10	21.00	22.3	1
5	16QAM	12	7	21.27	21.08	20.99		
5	16QAM	12	13	21.22	21.09	21.13		
5	16QAM	25	0	21.15	21.11	21.22		
5	64QAM	1	0	20.87	20.89	20.94	22.3	1
5	64QAM	1	12	20.79	20.91	20.83		
5	64QAM	1	24	20.87	20.91	20.99		
5	64QAM	12	0	20.06	20.09	20.04	21.3	2
5	64QAM	12	7	20.13	19.96	19.97		
5	64QAM	12	13	20.22	20.13	20.07		
5	64QAM	25	0	20.22	20.05	20.05		
5	256QAM	1	0	16.97	17.15	17.09	18.3	5
5	256QAM	1	12	17.06	17.11	17.14		
5	256QAM	1	24	17.07	17.15	16.98		
5	256QAM	12	0	16.95	16.97	16.95	18.3	5
5	256QAM	12	7	16.94	17.09	16.91		
5	256QAM	12	13	17.04	17.12	17.07		
5	256QAM	25	0	16.93	17.11	16.99		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.04	22.16	22.25	23.3	0
3	QPSK	1	8	22.18	22.28	22.24		
3	QPSK	1	14	22.23	22.20	22.30		
3	QPSK	8	0	21.61	21.75	21.64	22.8	0.5
3	QPSK	8	4	21.59	21.46	21.53		
3	QPSK	8	7	21.56	21.61	21.59		
3	QPSK	15	0	21.53	21.62	21.62		
3	16QAM	1	0	21.65	21.81	21.83	22.8	0.5
3	16QAM	1	8	21.70	21.93	21.69		
3	16QAM	1	14	21.95	21.94	21.95		
3	16QAM	8	0	21.17	21.07	21.06	22.3	1
3	16QAM	8	4	21.23	20.99	21.04		
3	16QAM	8	7	21.25	20.99	21.18		
3	16QAM	15	0	21.22	21.04	21.21		
3	64QAM	1	0	20.86	20.90	21.01	22.3	1
3	64QAM	1	8	20.69	20.84	20.79		
3	64QAM	1	14	20.88	20.91	21.07		
3	64QAM	8	0	20.02	20.07	20.12	21.3	2
3	64QAM	8	4	20.07	20.10	20.00		
3	64QAM	8	7	20.18	20.08	20.15		
3	64QAM	15	0	20.19	20.09	20.11		
3	256QAM	1	0	16.99	17.21	17.17	18.3	5
3	256QAM	1	8	17.05	17.16	17.14		
3	256QAM	1	14	17.09	17.02	17.03		
3	256QAM	8	0	16.89	17.04	16.94	18.3	5
3	256QAM	8	4	16.97	16.99	16.90		
3	256QAM	8	7	17.05	17.13	16.95		
3	256QAM	15	0	17.03	17.07	17.08		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.99	22.13	22.25	23.3	0
1.4	QPSK	1	3	22.20	22.25	22.28		
1.4	QPSK	1	5	22.26	22.23	22.29		
1.4	QPSK	3	0	22.09	22.10	22.15		
1.4	QPSK	3	1	22.26	22.24	22.27		
1.4	QPSK	3	3	22.23	22.25	22.30		
1.4	QPSK	6	0	21.62	21.66	21.66	22.8	0.5
1.4	16QAM	1	0	21.67	21.78	21.74	22.8	0.5
1.4	16QAM	1	3	21.72	21.95	21.73		
1.4	16QAM	1	5	21.90	21.97	21.94		
1.4	16QAM	3	0	21.72	21.87	21.79		
1.4	16QAM	3	1	21.64	22.02	21.73		
1.4	16QAM	3	3	21.93	21.94	21.96		
1.4	16QAM	6	0	21.21	21.00	21.21	22.3	1
1.4	64QAM	1	0	20.83	20.96	20.91	22.3	1
1.4	64QAM	1	3	20.75	20.82	20.87		
1.4	64QAM	1	5	20.85	20.96	21.02		
1.4	64QAM	3	0	20.77	20.88	20.95		
1.4	64QAM	3	1	20.75	20.95	20.76		
1.4	64QAM	3	3	20.92	20.99	20.95		
1.4	64QAM	6	0	20.25	20.05	20.13	21.3	2
1.4	256QAM	1	0	16.99	17.22	17.12	18.3	5
1.4	256QAM	1	3	17.06	17.17	17.09		
1.4	256QAM	1	5	17.05	17.05	16.92		
1.4	256QAM	3	0	16.93	17.07	16.97		
1.4	256QAM	3	1	16.99	17.01	16.94		
1.4	256QAM	3	3	17.09	17.08	16.96		
1.4	256QAM	6	0	16.91	17.11	16.97	18.3	5

Band 13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.88		23.8	0
10	QPSK	1	25		22.78			
10	QPSK	1	49		22.85			
10	QPSK	25	0		22.53		23.3	0.5
10	QPSK	25	12		22.42			
10	QPSK	25	25		22.48			
10	QPSK	50	0		22.50			
10	16QAM	1	0		22.36		23.3	0.5
10	16QAM	1	25		22.45			
10	16QAM	1	49		22.60			
10	16QAM	25	0		21.94		22.8	1
10	16QAM	25	12		21.93			
10	16QAM	25	25		21.98			
10	16QAM	50	0		21.95			
10	64QAM	1	0		21.28		22.8	1
10	64QAM	1	25		21.44			
10	64QAM	1	49		21.49			
10	64QAM	25	0		20.85		21.8	2
10	64QAM	25	12		20.85			
10	64QAM	25	25		20.91			
10	64QAM	50	0		20.92			
10	256QAM	1	0		17.72		18.8	5
10	256QAM	1	25		17.71			
10	256QAM	1	49		17.71			
10	256QAM	25	0		17.70		18.8	5
10	256QAM	25	12		17.67			
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.64			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.73	22.65	22.72	23.8	0
5	QPSK	1	12	22.84	22.86	22.85		
5	QPSK	1	24	22.80	22.77	22.71		
5	QPSK	12	0	22.50	22.41	22.40	23.3	0.5
5	QPSK	12	7	22.39	22.30	22.35		
5	QPSK	12	13	22.47	22.47	22.34		
5	QPSK	25	0	22.35	22.47	22.47		
5	16QAM	1	0	22.34	22.26	22.23	23.3	0.5
5	16QAM	1	12	22.30	22.38	22.34		
5	16QAM	1	24	22.59	22.48	22.58		
5	16QAM	12	0	21.84	21.84	21.89	22.8	1
5	16QAM	12	7	21.85	21.87	21.85		
5	16QAM	12	13	21.85	21.94	21.95		
5	16QAM	25	0	21.80	21.89	21.93		
5	64QAM	1	0	21.17	21.18	21.24	22.8	1
5	64QAM	1	12	21.33	21.41	21.35		
5	64QAM	1	24	21.38	21.42	21.34		
5	64QAM	12	0	20.82	20.82	20.75	21.8	2
5	64QAM	12	7	20.79	20.70	20.74		
5	64QAM	12	13	20.76	20.77	20.78		
5	64QAM	25	0	20.90	20.87	20.82		
5	256QAM	1	0	17.66	17.70	17.60	18.8	5
5	256QAM	1	12	17.63	17.61	17.63		
5	256QAM	1	24	17.66	17.61	17.63		
5	256QAM	12	0	17.63	17.64	17.67	18.8	5
5	256QAM	12	7	17.66	17.60	17.56		
5	256QAM	12	13	17.67	17.58	17.66		
5	256QAM	25	0	17.51	17.52	17.63		

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.32		23.3	0
10	QPSK	1	25		22.23			
10	QPSK	1	49		22.29			
10	QPSK	25	0		21.88		22.8	0.5
10	QPSK	25	12		21.74			
10	QPSK	25	25		21.85			
10	QPSK	50	0		21.85			
10	16QAM	1	0		21.85		22.8	0.5
10	16QAM	1	25		21.81			
10	16QAM	1	49		22.08			
10	16QAM	25	0		21.29		22.3	1
10	16QAM	25	12		21.31			
10	16QAM	25	25		21.34			
10	16QAM	50	0		21.29			
10	64QAM	1	0		20.73		22.3	1
10	64QAM	1	25		20.64			
10	64QAM	1	49		21.00			
10	64QAM	25	0		20.25		21.3	2
10	64QAM	25	12		20.20			
10	64QAM	25	25		20.33			
10	64QAM	50	0		20.21			
10	256QAM	1	0		17.22		18.3	5
10	256QAM	1	25		17.17			
10	256QAM	1	49		17.18			
10	256QAM	25	0		17.09		18.3	5
10	256QAM	25	12		17.09			
10	256QAM	25	25		17.14			
10	256QAM	50	0		17.20			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.12	22.22	22.11	23.3	0
5	QPSK	1	12	22.25	22.30	22.29		
5	QPSK	1	24	22.19	22.22	22.27		
5	QPSK	12	0	21.81	21.77	21.73	22.8	0.5
5	QPSK	12	7	21.73	21.72	21.72		
5	QPSK	12	13	21.70	21.72	21.81		
5	QPSK	25	0	21.83	21.71	21.78		
5	16QAM	1	0	21.77	21.75	21.77	22.8	0.5
5	16QAM	1	12	21.71	21.71	21.72		
5	16QAM	1	24	22.03	21.97	22.02		
5	16QAM	12	0	21.24	21.25	21.16	22.3	1
5	16QAM	12	7	21.23	21.21	21.25		
5	16QAM	12	13	21.26	21.31	21.21		
5	16QAM	25	0	21.26	21.19	21.20		
5	64QAM	1	0	20.63	20.66	20.72	22.3	1
5	64QAM	1	12	20.61	20.58	20.52		
5	64QAM	1	24	20.99	20.94	20.99		
5	64QAM	12	0	20.21	20.19	20.23	21.3	2
5	64QAM	12	7	20.07	20.17	20.06		
5	64QAM	12	13	20.23	20.25	20.24		
5	64QAM	25	0	20.16	20.20	20.13		
5	256QAM	1	0	17.13	17.08	17.20	18.3	5
5	256QAM	1	12	17.10	17.12	17.06		
5	256QAM	1	24	17.17	17.05	17.11		
5	256QAM	12	0	17.06	17.02	16.95	18.3	5
5	256QAM	12	7	17.01	17.04	17.07		
5	256QAM	12	13	17.01	17.05	17.02		
5	256QAM	25	0	17.10	17.14	17.14		

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	22.93	22.96	22.91	23.8	0
10	QPSK	1	25	22.88	22.84	22.82		
10	QPSK	1	49	22.85	22.91	22.87		
10	QPSK	25	0	22.38	22.42	22.40	23.3	0.5
10	QPSK	25	12	22.35	22.40	22.37		
10	QPSK	25	25	22.37	22.34	22.38		
10	QPSK	50	0	22.34	22.40	22.38		
10	16QAM	1	0	22.61	22.65	22.72	23.3	0.5
10	16QAM	1	25	22.52	22.57	22.70		
10	16QAM	1	49	22.58	22.76	22.65		
10	16QAM	25	0	21.80	21.72	21.85	22.8	1
10	16QAM	25	12	21.84	21.82	21.85		
10	16QAM	25	25	21.79	21.88	21.87		
10	16QAM	50	0	21.82	21.79	21.89		
10	64QAM	1	0	21.62	21.59	21.64	22.8	1
10	64QAM	1	25	21.64	21.50	21.50		
10	64QAM	1	49	21.73	21.66	21.60		
10	64QAM	25	0	20.85	20.77	20.93	21.8	2
10	64QAM	25	12	20.86	20.88	20.89		
10	64QAM	25	25	20.91	20.84	20.90		
10	64QAM	50	0	20.82	20.81	20.86		
10	256QAM	1	0	17.77	17.86	17.85	18.8	5
10	256QAM	1	25	17.72	17.76	17.61		
10	256QAM	1	49	17.62	17.76	17.69		
10	256QAM	25	0	17.72	17.82	17.78	18.8	5
10	256QAM	25	12	17.59	17.72	17.65		
10	256QAM	25	25	17.67	17.74	17.70		
10	256QAM	50	0	17.65	17.74	17.70		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.77	22.71	22.77	23.8	0
5	QPSK	1	12	22.89	22.93	22.77		
5	QPSK	1	24	22.73	22.87	22.81		
5	QPSK	12	0	22.28	22.36	22.38	23.3	0.5
5	QPSK	12	7	22.31	22.37	22.32		
5	QPSK	12	13	22.35	22.22	22.34		
5	QPSK	25	0	22.24	22.27	22.32		
5	16QAM	1	0	22.56	22.62	22.70	23.3	0.5
5	16QAM	1	12	22.39	22.46	22.57		
5	16QAM	1	24	22.51	22.63	22.58		
5	16QAM	12	0	21.72	21.58	21.76	22.8	1
5	16QAM	12	7	21.70	21.74	21.80		
5	16QAM	12	13	21.77	21.83	21.73		
5	16QAM	25	0	21.70	21.73	21.78		
5	64QAM	1	0	21.49	21.53	21.59	22.8	1
5	64QAM	1	12	21.52	21.46	21.35		
5	64QAM	1	24	21.68	21.62	21.49		
5	64QAM	12	0	20.77	20.62	20.82	21.8	2
5	64QAM	12	7	20.84	20.80	20.79		
5	64QAM	12	13	20.81	20.69	20.82		
5	64QAM	25	0	20.69	20.78	20.80		
5	256QAM	1	0	17.64	17.71	17.70	18.8	5
5	256QAM	1	12	17.63	17.67	17.50		
5	256QAM	1	24	17.59	17.67	17.65		
5	256QAM	12	0	17.66	17.79	17.77	18.8	5
5	256QAM	12	7	17.44	17.61	17.54		
5	256QAM	12	13	17.66	17.62	17.68		
5	256QAM	25	0	17.61	17.69	17.68		

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.43	22.45	22.40	23.3	0
10	QPSK	1	25	22.42	22.41	22.38		
10	QPSK	1	49	22.40	22.41	22.35		
10	QPSK	25	0	21.83	21.94	21.90	22.8	0.5
10	QPSK	25	12	21.78	21.79	21.84		
10	QPSK	25	25	21.75	21.86	21.83		
10	QPSK	50	0	21.80	21.87	21.83		
10	16QAM	1	0	21.98	22.16	22.10	22.8	0.5
10	16QAM	1	25	21.92	22.10	22.06		
10	16QAM	1	49	22.08	22.18	22.18		
10	16QAM	25	0	21.33	21.29	21.33	22.3	1
10	16QAM	25	12	21.35	21.34	21.37		
10	16QAM	25	25	21.36	21.29	21.36		
10	16QAM	50	0	21.28	21.38	21.42		
10	64QAM	1	0	20.90	21.12	20.98	22.3	1
10	64QAM	1	25	20.95	21.02	20.85		
10	64QAM	1	49	20.93	21.10	20.81		
10	64QAM	25	0	20.30	20.25	20.39	21.3	2
10	64QAM	25	12	20.26	20.24	20.35		
10	64QAM	25	25	20.35	20.28	20.35		
10	64QAM	50	0	20.28	20.27	20.40		
10	256QAM	1	0	17.37	17.38	17.24	18.3	5
10	256QAM	1	25	17.16	17.25	17.15		
10	256QAM	1	49	17.16	17.24	17.18		
10	256QAM	25	0	17.19	17.31	17.28	18.3	5
10	256QAM	25	12	17.33	17.36	17.27		
10	256QAM	25	25	17.19	17.34	17.20		
10	256QAM	50	0	17.20	17.34	17.26		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.40	22.34	22.28	23.3	0
5	QPSK	1	12	22.31	22.44	22.28		
5	QPSK	1	24	22.33	22.30	22.26		
5	QPSK	12	0	21.79	21.82	21.77	22.8	0.5
5	QPSK	12	7	21.66	21.65	21.79		
5	QPSK	12	13	21.66	21.78	21.68		
5	QPSK	25	0	21.66	21.80	21.70		
5	16QAM	1	0	21.91	22.04	22.07	22.8	0.5
5	16QAM	1	12	21.78	22.04	22.04		
5	16QAM	1	24	22.03	22.05	22.07		
5	16QAM	12	0	21.30	21.27	21.30	22.3	1
5	16QAM	12	7	21.24	21.28	21.23		
5	16QAM	12	13	21.31	21.20	21.33		
5	16QAM	25	0	21.23	21.24	21.31		
5	64QAM	1	0	20.81	20.98	20.97	22.3	1
5	64QAM	1	12	20.89	20.94	20.81		
5	64QAM	1	24	20.92	21.03	20.70		
5	64QAM	12	0	20.20	20.10	20.31	21.3	2
5	64QAM	12	7	20.22	20.11	20.21		
5	64QAM	12	13	20.24	20.21	20.26		
5	64QAM	25	0	20.14	20.17	20.35		
5	256QAM	1	0	17.27	17.28	17.14	18.3	5
5	256QAM	1	12	17.02	17.19	17.05		
5	256QAM	1	24	17.06	17.17	17.12		
5	256QAM	12	0	17.06	17.21	17.14	18.3	5
5	256QAM	12	7	17.30	17.22	17.24		
5	256QAM	12	13	17.17	17.31	17.16		
5	256QAM	25	0	17.07	17.25	17.12		

Band 26(FCC)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.17	24.20	24.10	25	0
15	QPSK	1	37	24.10	24.06	24.09		
15	QPSK	1	74	24.15	24.03	23.99		
15	QPSK	36	0	23.65	23.67	23.60	24.5	0.5
15	QPSK	36	20	23.60	23.56	23.56		
15	QPSK	36	39	23.59	23.52	23.54		
15	QPSK	75	0	23.55	23.61	23.55		
15	16QAM	1	0	23.62	23.90	23.65	24.5	0.5
15	16QAM	1	37	23.81	23.87	23.60		
15	16QAM	1	74	23.66	23.82	23.61		
15	16QAM	36	0	23.16	23.01	23.06	24	1
15	16QAM	36	20	23.15	23.05	23.15		
15	16QAM	36	39	23.10	23.01	23.01		
15	16QAM	75	0	23.12	23.07	23.09		
15	64QAM	1	0	22.71	22.93	22.96	24	1
15	64QAM	1	37	23.00	22.95	22.92		
15	64QAM	1	74	22.75	22.89	22.88		
15	64QAM	36	0	22.18	22.04	22.09	23	2
15	64QAM	36	20	22.09	22.05	22.10		
15	64QAM	36	39	22.17	22.04	22.04		
15	64QAM	75	0	22.07	21.94	22.00		
15	256QAM	1	0	19.05	19.08	19.05	20	5
15	256QAM	1	37	18.82	18.95	18.88		
15	256QAM	1	74	18.86	18.93	18.87		
15	256QAM	36	0	18.91	18.98	18.95	20	5
15	256QAM	36	20	18.89	19.03	18.91		
15	256QAM	36	39	18.89	18.94	18.90		
15	256QAM	75	0	18.92	18.98	18.97		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.00	24.00	23.89	25	0
10	QPSK	1	25	24.06	24.12	23.99		
10	QPSK	1	49	24.02	23.92	23.85		
10	QPSK	25	0	23.45	23.58	23.46	24.5	0.5
10	QPSK	25	12	23.40	23.44	23.46		
10	QPSK	25	25	23.45	23.45	23.41		
10	QPSK	50	0	23.44	23.43	23.38		
10	16QAM	1	0	23.53	23.77	23.50	24.5	0.5
10	16QAM	1	25	23.61	23.81	23.52		
10	16QAM	1	49	23.48	23.72	23.50		
10	16QAM	25	0	23.04	22.87	22.97	24	1
10	16QAM	25	12	22.99	22.85	22.96		
10	16QAM	25	25	22.90	22.94	22.82		
10	16QAM	50	0	22.98	22.87	23.01		
10	64QAM	1	0	22.58	22.85	22.84	24	1
10	64QAM	1	25	22.84	22.86	22.73		
10	64QAM	1	49	22.55	22.75	22.74		
10	64QAM	25	0	22.01	21.94	21.89	23	2
10	64QAM	25	12	21.98	21.99	21.91		
10	64QAM	25	25	22.09	21.91	21.89		
10	64QAM	50	0	21.98	21.81	21.93		
10	256QAM	1	0	19.00	18.97	18.96	20	5
10	256QAM	1	25	18.72	18.91	18.77		
10	256QAM	1	49	18.72	18.82	18.74		
10	256QAM	25	0	18.77	18.89	18.90	20	5
10	256QAM	25	12	18.83	19.02	18.88		
10	256QAM	25	25	18.84	18.87	18.84		
10	256QAM	50	0	18.88	18.83	18.91		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.04	23.96	23.99	25	0
5	QPSK	1	12	23.97	24.12	24.03		
5	QPSK	1	24	23.97	23.95	23.91		
5	QPSK	12	0	23.49	23.58	23.48	24.5	0.5
5	QPSK	12	7	23.52	23.42	23.45		
5	QPSK	12	13	23.50	23.44	23.47		
5	QPSK	25	0	23.49	23.51	23.44		
5	16QAM	1	0	23.50	23.77	23.56	24.5	0.5
5	16QAM	1	12	23.71	23.78	23.52		
5	16QAM	1	24	23.54	23.65	23.41		
5	16QAM	12	0	23.06	22.91	22.97	24	1
5	16QAM	12	7	22.97	22.88	23.02		
5	16QAM	12	13	22.90	22.94	22.81		
5	16QAM	25	0	23.03	22.87	22.96		
5	64QAM	1	0	22.51	22.83	22.81	24	1
5	64QAM	1	12	22.87	22.86	22.81		
5	64QAM	1	24	22.55	22.75	22.80		
5	64QAM	12	0	22.01	21.87	21.96	23	2
5	64QAM	12	7	21.91	21.93	22.03		
5	64QAM	12	13	21.99	21.91	21.98		
5	64QAM	25	0	21.96	21.85	21.88		
5	256QAM	1	0	18.93	19.02	18.92	20	5
5	256QAM	1	12	18.72	18.89	18.77		
5	256QAM	1	24	18.81	18.79	18.80		
5	256QAM	12	0	18.80	18.87	18.82	20	5
5	256QAM	12	7	18.76	18.97	18.87		
5	256QAM	12	13	18.79	18.93	18.83		
5	256QAM	25	0	18.89	18.97	18.84		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.91	23.87	23.94	25	0
3	QPSK	1	8	24.08	24.00	23.94		
3	QPSK	1	14	23.98	23.96	23.81		
3	QPSK	8	0	23.55	23.58	23.46	24.5	0.5
3	QPSK	8	4	23.42	23.39	23.42		
3	QPSK	8	7	23.52	23.46	23.36		
3	QPSK	15	0	23.47	23.44	23.45		
3	16QAM	1	0	23.53	23.83	23.57	24.5	0.5
3	16QAM	1	8	23.61	23.70	23.40		
3	16QAM	1	14	23.59	23.66	23.46		
3	16QAM	8	0	23.09	22.92	22.94	24	1
3	16QAM	8	4	22.98	22.99	22.96		
3	16QAM	8	7	23.01	22.85	22.91		
3	16QAM	15	0	22.92	22.87	22.97		
3	64QAM	1	0	22.53	22.74	22.89	24	1
3	64QAM	1	8	22.89	22.83	22.85		
3	64QAM	1	14	22.63	22.77	22.77		
3	64QAM	8	0	22.05	21.88	21.94	23	2
3	64QAM	8	4	21.96	21.99	21.96		
3	64QAM	8	7	22.02	21.96	21.89		
3	64QAM	15	0	22.03	21.90	21.95		
3	256QAM	1	0	19.04	19.03	18.96	20	5
3	256QAM	1	8	18.71	18.80	18.78		
3	256QAM	1	14	18.71	18.79	18.86		
3	256QAM	8	0	18.82	18.86	18.89	20	5
3	256QAM	8	4	18.79	18.92	18.78		
3	256QAM	8	7	18.79	18.88	18.77		
3	256QAM	15	0	18.80	18.86	18.95		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.00	23.90	24.02	25	0
1.4	QPSK	1	3	24.05	24.14	24.00		
1.4	QPSK	1	5	24.08	23.86	23.81		
1.4	QPSK	3	0	24.00	23.96	23.93		
1.4	QPSK	3	1	24.09	24.04	23.95		
1.4	QPSK	3	3	24.01	23.95	23.83		
1.4	QPSK	6	0	23.37	23.51	23.39	24.5	0.5
1.4	16QAM	1	0	23.51	23.71	23.47	24.5	0.5
1.4	16QAM	1	3	23.73	23.69	23.50		
1.4	16QAM	1	5	23.55	23.70	23.41		
1.4	16QAM	3	0	23.51	23.74	23.53		
1.4	16QAM	3	1	23.72	23.78	23.45		
1.4	16QAM	3	3	23.55	23.72	23.51		
1.4	16QAM	6	0	23.01	22.88	22.89	24	1
1.4	64QAM	1	0	22.64	22.74	22.83	24	1
1.4	64QAM	1	3	22.81	22.88	22.77		
1.4	64QAM	1	5	22.59	22.75	22.82		
1.4	64QAM	3	0	22.55	22.86	22.77		
1.4	64QAM	3	1	22.91	22.75	22.86		
1.4	64QAM	3	3	22.64	22.69	22.70		
1.4	64QAM	6	0	22.00	21.81	21.87	23	2
1.4	256QAM	1	0	18.99	18.99	19.02	20	5
1.4	256QAM	1	3	18.81	18.87	18.79		
1.4	256QAM	1	5	18.78	18.78	18.86		
1.4	256QAM	3	0	18.85	18.96	18.93		
1.4	256QAM	3	1	18.78	18.96	18.82		
1.4	256QAM	3	3	18.74	18.91	18.83		
1.4	256QAM	6	0	18.86	18.97	18.95	20	5

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.72	23.73	23.66	24.5	0
15	QPSK	1	37	23.63	23.47	23.62		
15	QPSK	1	74	23.64	23.60	23.55		
15	QPSK	36	0	23.13	23.15	23.10	24	0.5
15	QPSK	36	20	23.10	23.06	23.08		
15	QPSK	36	39	23.01	23.03	23.03		
15	QPSK	75	0	23.02	23.06	23.00		
15	16QAM	1	0	23.67	23.50	23.46	24	0.5
15	16QAM	1	37	23.60	23.67	23.58		
15	16QAM	1	74	23.57	23.63	23.52		
15	16QAM	36	0	22.62	22.57	22.55	23.5	1
15	16QAM	36	20	22.74	22.56	22.60		
15	16QAM	36	39	22.54	22.46	22.45		
15	16QAM	75	0	22.59	22.54	22.58		
15	64QAM	1	0	22.20	22.44	22.25	23.5	1
15	64QAM	1	37	22.29	22.24	22.31		
15	64QAM	1	74	22.23	22.43	22.31		
15	64QAM	36	0	21.66	21.57	21.54	22.5	2
15	64QAM	36	20	21.67	21.55	21.63		
15	64QAM	36	39	21.60	21.58	21.59		
15	64QAM	75	0	21.66	21.52	21.61		
15	256QAM	1	0	18.63	18.77	18.62	19.5	5
15	256QAM	1	37	18.59	18.68	18.56		
15	256QAM	1	74	18.61	18.62	18.56		
15	256QAM	36	0	18.57	18.62	18.50	19.5	5
15	256QAM	36	20	18.65	18.69	18.64		
15	256QAM	36	39	18.49	18.63	18.61		
15	256QAM	75	0	18.61	18.66	18.55		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.54	23.36	23.55	24.5	0
10	QPSK	1	25	23.57	23.69	23.65		
10	QPSK	1	49	23.59	23.46	23.47		
10	QPSK	25	0	23.09	23.10	22.95	24	0.5
10	QPSK	25	12	22.97	23.01	23.03		
10	QPSK	25	25	22.95	22.99	22.89		
10	QPSK	50	0	22.99	22.99	22.97		
10	16QAM	1	0	23.54	23.40	23.44	24	0.5
10	16QAM	1	25	23.50	23.52	23.44		
10	16QAM	1	49	23.48	23.53	23.43		
10	16QAM	25	0	22.48	22.45	22.48	23.5	1
10	16QAM	25	12	22.59	22.43	22.54		
10	16QAM	25	25	22.45	22.45	22.41		
10	16QAM	50	0	22.45	22.51	22.54		
10	64QAM	1	0	22.09	22.35	22.24	23.5	1
10	64QAM	1	25	22.18	22.16	22.28		
10	64QAM	1	49	22.22	22.42	22.27		
10	64QAM	25	0	21.60	21.55	21.45	22.5	2
10	64QAM	25	12	21.59	21.40	21.50		
10	64QAM	25	25	21.57	21.51	21.45		
10	64QAM	50	0	21.52	21.50	21.58		
10	256QAM	1	0	18.54	18.64	18.59	19.5	5
10	256QAM	1	25	18.53	18.62	18.43		
10	256QAM	1	49	18.54	18.55	18.54		
10	256QAM	25	0	18.55	18.53	18.46	19.5	5
10	256QAM	25	12	18.61	18.66	18.59		
10	256QAM	25	25	18.48	18.62	18.52		
10	256QAM	50	0	18.59	18.59	18.52		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.60	23.39	23.53	24.5	0
5	QPSK	1	12	23.60	23.61	23.56		
5	QPSK	1	24	23.60	23.46	23.50		
5	QPSK	12	0	23.05	23.03	23.04	24	0.5
5	QPSK	12	7	23.09	22.94	22.95		
5	QPSK	12	13	22.95	22.96	23.01		
5	QPSK	25	0	23.01	23.03	22.92		
5	16QAM	1	0	23.52	23.44	23.39	24	0.5
5	16QAM	1	12	23.48	23.65	23.51		
5	16QAM	1	24	23.52	23.53	23.43		
5	16QAM	12	0	22.58	22.53	22.42	23.5	1
5	16QAM	12	7	22.65	22.51	22.52		
5	16QAM	12	13	22.44	22.35	22.33		
5	16QAM	25	0	22.57	22.53	22.44		
5	64QAM	1	0	22.15	22.42	22.10	23.5	1
5	64QAM	1	12	22.22	22.23	22.27		
5	64QAM	1	24	22.10	22.28	22.24		
5	64QAM	12	0	21.56	21.42	21.40	22.5	2
5	64QAM	12	7	21.52	21.43	21.59		
5	64QAM	12	13	21.49	21.45	21.53		
5	64QAM	25	0	21.56	21.37	21.52		
5	256QAM	1	0	18.59	18.74	18.60	19.5	5
5	256QAM	1	12	18.54	18.64	18.55		
5	256QAM	1	24	18.55	18.49	18.52		
5	256QAM	12	0	18.53	18.52	18.46	19.5	5
5	256QAM	12	7	18.50	18.62	18.52		
5	256QAM	12	13	18.45	18.53	18.57		
5	256QAM	25	0	18.58	18.55	18.45		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.50	23.32	23.59	24.5	0
3	QPSK	1	8	23.61	23.67	23.62		
3	QPSK	1	14	23.62	23.46	23.42		
3	QPSK	8	0	22.99	23.07	23.02	24	0.5
3	QPSK	8	4	23.04	22.97	23.00		
3	QPSK	8	7	22.94	22.97	22.99		
3	QPSK	15	0	22.97	22.92	22.89		
3	16QAM	1	0	23.66	23.42	23.33	24	0.5
3	16QAM	1	8	23.56	23.52	23.47		
3	16QAM	1	14	23.42	23.60	23.48		
3	16QAM	8	0	22.59	22.55	22.46	23.5	1
3	16QAM	8	4	22.70	22.47	22.56		
3	16QAM	8	7	22.47	22.35	22.31		
3	16QAM	15	0	22.53	22.52	22.49		
3	64QAM	1	0	22.13	22.37	22.20	23.5	1
3	64QAM	1	8	22.18	22.22	22.24		
3	64QAM	1	14	22.22	22.34	22.27		
3	64QAM	8	0	21.58	21.54	21.49	22.5	2
3	64QAM	8	4	21.55	21.51	21.62		
3	64QAM	8	7	21.56	21.53	21.45		
3	64QAM	15	0	21.64	21.49	21.46		
3	256QAM	1	0	18.49	18.74	18.56	19.5	5
3	256QAM	1	8	18.46	18.54	18.53		
3	256QAM	1	14	18.56	18.61	18.42		
3	256QAM	8	0	18.54	18.60	18.45	19.5	5
3	256QAM	8	4	18.64	18.63	18.56		
3	256QAM	8	7	18.35	18.51	18.57		
3	256QAM	15	0	18.50	18.62	18.53		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.52	23.40	23.54	24.5	0
1.4	QPSK	1	3	23.68	23.66	23.51		
1.4	QPSK	1	5	23.62	23.49	23.54		
1.4	QPSK	3	0	23.54	23.39	23.51		
1.4	QPSK	3	1	23.63	23.66	23.56		
1.4	QPSK	3	3	23.62	23.53	23.47		
1.4	QPSK	6	0	22.95	23.02	22.96	24	0.5
1.4	16QAM	1	0	23.62	23.40	23.43	24	0.5
1.4	16QAM	1	3	23.57	23.58	23.44		
1.4	16QAM	1	5	23.52	23.52	23.48		
1.4	16QAM	3	0	23.57	23.49	23.34		
1.4	16QAM	3	1	23.56	23.64	23.49		
1.4	16QAM	3	3	23.43	23.61	23.45		
1.4	16QAM	6	0	22.47	22.45	22.57	23.5	1
1.4	64QAM	1	0	22.16	22.31	22.22	23.5	1
1.4	64QAM	1	3	22.26	22.16	22.28		
1.4	64QAM	1	5	22.20	22.35	22.19		
1.4	64QAM	3	0	22.14	22.29	22.21		
1.4	64QAM	3	1	22.28	22.15	22.23		
1.4	64QAM	3	3	22.12	22.36	22.23		
1.4	64QAM	6	0	21.57	21.50	21.52	22.5	2
1.4	256QAM	1	0	18.57	18.67	18.59	19.5	5
1.4	256QAM	1	3	18.58	18.62	18.44		
1.4	256QAM	1	5	18.56	18.52	18.50		
1.4	256QAM	3	0	18.44	18.59	18.36		
1.4	256QAM	3	1	18.55	18.57	18.59		
1.4	256QAM	3	3	18.45	18.58	18.49		
1.4	256QAM	6	0	18.49	18.60	18.51	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.25	24.30	24.22	25	0
20	QPSK	1	49	24.22	24.25	24.15		
20	QPSK	1	99	24.07	24.10	23.92		
20	QPSK	50	0	23.35	23.40	23.37	24.5	0.5
20	QPSK	50	24	23.32	23.32	23.26		
20	QPSK	50	50	23.26	23.28	23.20		
20	QPSK	100	0	23.23	23.32	23.25		
20	16QAM	1	0	23.80	23.83	23.79	24.5	0.5
20	16QAM	1	49	23.71	23.79	23.73		
20	16QAM	1	99	23.73	23.71	23.64		
20	16QAM	50	0	22.79	22.80	22.84	24	1
20	16QAM	50	24	22.78	22.72	22.82		
20	16QAM	50	50	22.74	22.70	22.68		
20	16QAM	100	0	22.75	22.76	22.70		
20	64QAM	1	0	22.96	22.88	22.83	24	1
20	64QAM	1	49	22.90	22.76	22.74		
20	64QAM	1	99	22.90	22.77	22.82		
20	64QAM	50	0	22.23	22.32	22.28	23	2
20	64QAM	50	24	22.35	22.29	22.24		
20	64QAM	50	50	22.21	22.25	22.17		
20	64QAM	100	0	22.26	22.24	22.32		
20	256QAM	1	0	19.07	19.10	19.07	20	5
20	256QAM	1	49	18.91	18.95	18.92		
20	256QAM	1	99	18.91	19.04	19.01		
20	256QAM	50	0	18.96	19.06	18.91	20	5
20	256QAM	50	24	18.95	18.96	18.92		
20	256QAM	50	50	18.93	19.04	18.97		
20	256QAM	100	0	18.84	18.95	18.92		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.19	24.20	24.14	25	0
15	QPSK	1	37	24.14	24.23	24.08		
15	QPSK	1	74	24.06	23.95	23.90		
15	QPSK	36	0	23.25	23.30	23.25	24.5	0.5
15	QPSK	36	20	23.24	23.19	23.25		
15	QPSK	36	39	23.19	23.25	23.08		
15	QPSK	75	0	23.16	23.17	23.10		
15	16QAM	1	0	23.97	23.94	23.98	24.5	0.5
15	16QAM	1	37	23.81	23.87	23.90		
15	16QAM	1	74	23.78	23.82	23.76		
15	16QAM	36	0	22.78	22.75	22.71	24	1
15	16QAM	36	20	22.65	22.66	22.75		
15	16QAM	36	39	22.72	22.58	22.55		
15	16QAM	75	0	22.68	22.67	22.58		
15	64QAM	1	0	22.83	22.75	22.76	24	1
15	64QAM	1	37	22.81	22.70	22.62		
15	64QAM	1	74	22.76	22.70	22.67		
15	64QAM	36	0	22.15	22.18	22.21	23	2
15	64QAM	36	20	22.23	22.25	22.21		
15	64QAM	36	39	22.09	22.22	22.12		
15	64QAM	75	0	22.18	22.18	22.22		
15	256QAM	1	0	19.02	19.00	18.95	20	5
15	256QAM	1	37	18.81	18.91	18.88		
15	256QAM	1	74	18.82	19.01	18.96		
15	256QAM	36	0	18.90	18.99	18.90	20	5
15	256QAM	36	20	18.92	18.87	18.86		
15	256QAM	36	39	18.79	18.91	18.94		
15	256QAM	75	0	18.75	18.85	18.80		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.11	24.11	24.04	25	0
10	QPSK	1	25	24.23	24.28	24.19		
10	QPSK	1	49	23.93	24.02	23.83		
10	QPSK	25	0	23.21	23.32	23.26	24.5	0.5
10	QPSK	25	12	23.20	23.31	23.21		
10	QPSK	25	25	23.23	23.22	23.09		
10	QPSK	50	0	23.14	23.24	23.11		
10	16QAM	1	0	23.88	23.96	23.92	24.5	0.5
10	16QAM	1	25	23.82	23.97	23.86		
10	16QAM	1	49	23.82	23.76	23.76		
10	16QAM	25	0	22.77	22.75	22.78	24	1
10	16QAM	25	12	22.65	22.59	22.79		
10	16QAM	25	25	22.59	22.67	22.62		
10	16QAM	50	0	22.69	22.67	22.69		
10	64QAM	1	0	22.88	22.80	22.73	24	1
10	64QAM	1	25	22.78	22.63	22.59		
10	64QAM	1	49	22.82	22.74	22.70		
10	64QAM	25	0	22.11	22.24	22.26	23	2
10	64QAM	25	12	22.21	22.23	22.16		
10	64QAM	25	25	22.08	22.16	22.04		
10	64QAM	50	0	22.14	22.11	22.31		
10	256QAM	1	0	18.94	18.99	19.03	20	5
10	256QAM	1	25	18.79	18.86	18.79		
10	256QAM	1	49	18.78	19.03	18.89		
10	256QAM	25	0	18.90	18.98	18.78	20	5
10	256QAM	25	12	18.87	18.95	18.79		
10	256QAM	25	25	18.89	18.92	18.82		
10	256QAM	50	0	18.73	18.88	18.84		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.18	24.15	24.03	25	0
5	QPSK	1	12	24.11	24.19	24.20		
5	QPSK	1	24	23.97	23.95	23.83		
5	QPSK	12	0	23.29	23.35	23.23	24.5	0.5
5	QPSK	12	7	23.24	23.29	23.19		
5	QPSK	12	13	23.11	23.13	23.07		
5	QPSK	25	0	23.15	23.22	23.16		
5	16QAM	1	0	23.99	24.02	23.86	24.5	0.5
5	16QAM	1	12	23.77	23.96	23.81		
5	16QAM	1	24	23.85	23.77	23.80		
5	16QAM	12	0	22.78	22.72	22.81	24	1
5	16QAM	12	7	22.66	22.71	22.70		
5	16QAM	12	13	22.69	22.59	22.67		
5	16QAM	25	0	22.67	22.73	22.66		
5	64QAM	1	0	22.94	22.81	22.80	24	1
5	64QAM	1	12	22.76	22.74	22.64		
5	64QAM	1	24	22.89	22.67	22.70		
5	64QAM	12	0	22.21	22.28	22.15	23	2
5	64QAM	12	7	22.29	22.28	22.17		
5	64QAM	12	13	22.07	22.10	22.05		
5	64QAM	25	0	22.25	22.19	22.26		
5	256QAM	1	0	18.97	19.05	19.00	20	5
5	256QAM	1	12	18.83	18.92	18.80		
5	256QAM	1	24	18.76	18.95	18.92		
5	256QAM	12	0	18.89	18.97	18.80	20	5
5	256QAM	12	7	18.91	18.85	18.89		
5	256QAM	12	13	18.84	18.93	18.86		
5	256QAM	25	0	18.75	18.92	18.79		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.10	24.22	24.08	25	0
3	QPSK	1	8	24.21	24.23	24.09		
3	QPSK	1	14	23.96	24.07	23.90		
3	QPSK	8	0	23.31	23.39	23.24	24.5	0.5
3	QPSK	8	4	23.23	23.20	23.25		
3	QPSK	8	7	23.11	23.15	23.05		
3	QPSK	15	0	23.19	23.21	23.12		
3	16QAM	1	0	23.97	24.01	23.94	24.5	0.5
3	16QAM	1	8	23.86	23.90	23.85		
3	16QAM	1	14	23.87	23.76	23.83		
3	16QAM	8	0	22.76	22.70	22.77	24	1
3	16QAM	8	4	22.66	22.64	22.72		
3	16QAM	8	7	22.61	22.61	22.59		
3	16QAM	15	0	22.66	22.68	22.67		
3	64QAM	1	0	22.84	22.84	22.82	24	1
3	64QAM	1	8	22.89	22.64	22.68		
3	64QAM	1	14	22.77	22.74	22.78		
3	64QAM	8	0	22.15	22.26	22.19	23	2
3	64QAM	8	4	22.25	22.24	22.12		
3	64QAM	8	7	22.06	22.14	22.12		
3	64QAM	15	0	22.19	22.20	22.25		
3	256QAM	1	0	19.05	19.09	19.06	20	5
3	256QAM	1	8	18.85	18.85	18.87		
3	256QAM	1	14	18.86	19.00	18.88		
3	256QAM	8	0	18.92	19.05	18.85	20	5
3	256QAM	8	4	18.80	18.91	18.81		
3	256QAM	8	7	18.83	19.01	18.94		
3	256QAM	15	0	18.76	18.92	18.81		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.19	24.21	24.14	25	0
1.4	QPSK	1	3	24.16	24.19	24.18		
1.4	QPSK	1	5	23.93	23.96	23.82		
1.4	QPSK	3	0	24.20	24.13	24.04		
1.4	QPSK	3	1	24.15	24.22	24.21		
1.4	QPSK	3	3	23.97	24.08	23.83		
1.4	QPSK	6	0	23.16	23.17	23.24	24.5	0.5
1.4	16QAM	1	0	23.97	23.99	23.87	24.5	0.5
1.4	16QAM	1	3	23.78	23.86	23.79		
1.4	16QAM	1	5	23.82	23.76	23.73		
1.4	16QAM	3	0	23.90	23.95	23.89		
1.4	16QAM	3	1	23.80	23.93	23.87		
1.4	16QAM	3	3	23.78	23.76	23.82		
1.4	16QAM	6	0	22.73	22.64	22.57	24	1
1.4	64QAM	1	0	22.88	22.80	22.75	24	1
1.4	64QAM	1	3	22.81	22.64	22.64		
1.4	64QAM	1	5	22.88	22.64	22.77		
1.4	64QAM	3	0	22.90	22.74	22.73		
1.4	64QAM	3	1	22.89	22.66	22.68		
1.4	64QAM	3	3	22.81	22.63	22.69		
1.4	64QAM	6	0	22.16	22.22	22.26	23	2
1.4	256QAM	1	0	19.04	19.08	19.05	20	5
1.4	256QAM	1	3	18.90	18.94	18.91		
1.4	256QAM	1	5	18.82	19.02	18.95		
1.4	256QAM	3	0	18.84	19.04	18.77		
1.4	256QAM	3	1	18.91	18.84	18.83		
1.4	256QAM	3	3	18.82	18.90	18.95		
1.4	256QAM	6	0	18.81	18.86	18.84	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	24.12	24.15	24.08	24.6	0
20	QPSK	1	49	24.10	24.10	24.04		
20	QPSK	1	99	23.89	23.83	23.89		
20	QPSK	50	0	23.15	23.19	23.17	24.1	0.5
20	QPSK	50	24	23.13	23.15	23.11		
20	QPSK	50	50	23.06	23.16	23.04		
20	QPSK	100	0	23.06	23.16	23.09		
20	16QAM	1	0	24.05	23.92	24.07	24.1	0.5
20	16QAM	1	49	23.95	23.87	23.95		
20	16QAM	1	99	24.04	23.82	23.92		
20	16QAM	50	0	22.56	22.72	22.71	23.6	1
20	16QAM	50	24	22.59	22.65	22.66		
20	16QAM	50	50	22.59	22.48	22.55		
20	16QAM	100	0	22.57	22.57	22.57		
20	64QAM	1	0	22.90	23.01	22.99	23.6	1
20	64QAM	1	49	22.85	22.94	22.91		
20	64QAM	1	99	22.86	22.92	22.93		
20	64QAM	50	0	22.07	22.09	22.19	22.6	2
20	64QAM	50	24	21.96	22.11	22.12		
20	64QAM	50	50	22.09	22.07	22.13		
20	64QAM	100	0	22.09	22.09	22.03		
20	256QAM	1	0	18.88	18.92	18.88	19.6	5
20	256QAM	1	49	18.87	18.87	18.88		
20	256QAM	1	99	18.88	18.83	18.79		
20	256QAM	50	0	18.86	18.77	18.90	19.6	5
20	256QAM	50	24	18.87	18.78	18.85		
20	256QAM	50	50	18.90	18.88	18.78		
20	256QAM	100	0	18.87	18.84	18.86		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.08	24.02	23.90	24.6	0
15	QPSK	1	37	24.01	24.04	23.96		
15	QPSK	1	74	23.82	23.81	23.75		
15	QPSK	36	0	23.05	23.16	23.11	24.1	0.5
15	QPSK	36	20	23.00	23.01	23.08		
15	QPSK	36	39	22.95	23.09	22.97		
15	QPSK	75	0	23.04	23.01	23.03		
15	16QAM	1	0	24.00	23.89	23.95	24.1	0.5
15	16QAM	1	37	23.81	23.73	23.85		
15	16QAM	1	74	24.03	23.71	23.84		
15	16QAM	36	0	22.45	22.65	22.61	23.6	1
15	16QAM	36	20	22.57	22.53	22.57		
15	16QAM	36	39	22.49	22.46	22.48		
15	16QAM	75	0	22.47	22.43	22.47		
15	64QAM	1	0	22.76	23.00	22.98	23.6	1
15	64QAM	1	37	22.84	22.88	22.79		
15	64QAM	1	74	22.72	22.77	22.81		
15	64QAM	36	0	21.98	21.94	22.04	22.6	2
15	64QAM	36	20	21.89	22.00	22.07		
15	64QAM	36	39	22.08	21.98	21.99		
15	64QAM	75	0	22.08	22.05	21.94		
15	256QAM	1	0	18.84	18.85	18.83	19.6	5
15	256QAM	1	37	18.75	18.80	18.79		
15	256QAM	1	74	18.85	18.82	18.76		
15	256QAM	36	0	18.75	18.62	18.86	19.6	5
15	256QAM	36	20	18.86	18.66	18.78		
15	256QAM	36	39	18.85	18.82	18.64		
15	256QAM	75	0	18.78	18.77	18.84		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.07	23.95	23.97	24.6	0
10	QPSK	1	25	24.04	24.05	24.04		
10	QPSK	1	49	23.77	23.71	23.82		
10	QPSK	25	0	23.10	23.09	23.02	24.1	0.5
10	QPSK	25	12	22.98	23.10	22.96		
10	QPSK	25	25	22.99	23.05	22.90		
10	QPSK	50	0	22.94	23.11	23.01		
10	16QAM	1	0	23.99	23.78	23.94	24.1	0.5
10	16QAM	1	25	23.90	23.79	23.92		
10	16QAM	1	49	24.03	23.80	23.85		
10	16QAM	25	0	22.42	22.59	22.57	23.6	1
10	16QAM	25	12	22.44	22.62	22.52		
10	16QAM	25	25	22.55	22.42	22.50		
10	16QAM	50	0	22.51	22.53	22.43		
10	64QAM	1	0	22.87	22.89	22.90	23.6	1
10	64QAM	1	25	22.73	22.91	22.94		
10	64QAM	1	49	22.75	22.88	22.86		
10	64QAM	25	0	21.92	22.02	22.04	22.6	2
10	64QAM	25	12	21.86	22.08	22.03		
10	64QAM	25	25	22.07	21.98	22.00		
10	64QAM	50	0	22.02	21.99	21.95		
10	256QAM	1	0	18.82	18.91	18.74	19.6	5
10	256QAM	1	25	18.84	18.86	18.87		
10	256QAM	1	49	18.86	18.71	18.69		
10	256QAM	25	0	18.80	18.76	18.80	19.6	5
10	256QAM	25	12	18.74	18.73	18.83		
10	256QAM	25	25	18.85	18.86	18.69		
10	256QAM	50	0	18.74	18.79	18.74		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.97	23.98	23.99	24.6	0
5	QPSK	1	12	24.01	24.00	24.03		
5	QPSK	1	24	23.79	23.73	23.81		
5	QPSK	12	0	23.06	23.04	23.15	24.1	0.5
5	QPSK	12	7	23.01	23.02	23.04		
5	QPSK	12	13	23.05	23.09	22.96		
5	QPSK	25	0	22.91	23.06	23.08		
5	16QAM	1	0	23.93	23.90	23.94	24.1	0.5
5	16QAM	1	12	23.87	23.81	23.90		
5	16QAM	1	24	23.90	23.70	23.86		
5	16QAM	12	0	22.52	22.57	22.63	23.6	1
5	16QAM	12	7	22.57	22.63	22.53		
5	16QAM	12	13	22.58	22.47	22.44		
5	16QAM	25	0	22.51	22.51	22.47		
5	64QAM	1	0	22.79	22.96	22.85	23.6	1
5	64QAM	1	12	22.80	22.80	22.76		
5	64QAM	1	24	22.77	22.91	22.85		
5	64QAM	12	0	22.01	21.97	22.04	22.6	2
5	64QAM	12	7	21.94	22.10	22.01		
5	64QAM	12	13	22.03	22.02	22.07		
5	64QAM	25	0	22.07	21.96	21.88		
5	256QAM	1	0	18.85	18.84	18.85	19.6	5
5	256QAM	1	12	18.73	18.81	18.76		
5	256QAM	1	24	18.74	18.82	18.78		
5	256QAM	12	0	18.83	18.67	18.78	19.6	5
5	256QAM	12	7	18.76	18.74	18.72		
5	256QAM	12	13	18.75	18.78	18.76		
5	256QAM	25	0	18.74	18.77	18.85		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.08	24.07	23.92	24.6	0
3	QPSK	1	8	23.99	24.04	23.95		
3	QPSK	1	14	23.87	23.79	23.83		
3	QPSK	8	0	23.07	23.14	23.14	24.1	0.5
3	QPSK	8	4	22.99	23.07	23.07		
3	QPSK	8	7	22.98	23.06	22.95		
3	QPSK	15	0	23.05	23.15	22.94		
3	16QAM	1	0	23.95	23.91	24.06	24.1	0.5
3	16QAM	1	8	23.91	23.72	23.90		
3	16QAM	1	14	23.94	23.81	23.84		
3	16QAM	8	0	22.48	22.66	22.68	23.6	1
3	16QAM	8	4	22.47	22.61	22.52		
3	16QAM	8	7	22.45	22.47	22.46		
3	16QAM	15	0	22.56	22.50	22.46		
3	64QAM	1	0	22.80	22.89	22.84	23.6	1
3	64QAM	1	8	22.74	22.89	22.80		
3	64QAM	1	14	22.72	22.83	22.86		
3	64QAM	8	0	21.92	21.97	22.07	22.6	2
3	64QAM	8	4	21.93	22.10	21.98		
3	64QAM	8	7	22.08	21.96	22.04		
3	64QAM	15	0	22.07	22.00	21.98		
3	256QAM	1	0	18.74	18.81	18.80	19.6	5
3	256QAM	1	8	18.76	18.77	18.74		
3	256QAM	1	14	18.74	18.78	18.67		
3	256QAM	8	0	18.71	18.68	18.77	19.6	5
3	256QAM	8	4	18.74	18.69	18.78		
3	256QAM	8	7	18.83	18.78	18.64		
3	256QAM	15	0	18.86	18.79	18.73		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.95	24.03	23.94	24.6	0
1.4	QPSK	1	3	24.04	24.02	23.94		
1.4	QPSK	1	5	23.76	23.75	23.74		
1.4	QPSK	3	0	24.08	24.07	23.97		
1.4	QPSK	3	1	23.98	24.05	23.97		
1.4	QPSK	3	3	23.87	23.74	23.88		
1.4	QPSK	6	0	23.04	23.12	23.05	24.1	0.5
1.4	16QAM	1	0	23.90	23.90	23.96	24.1	0.5
1.4	16QAM	1	3	23.93	23.76	23.91		
1.4	16QAM	1	5	24.03	23.73	23.78		
1.4	16QAM	3	0	24.03	23.81	23.93		
1.4	16QAM	3	1	23.85	23.78	23.87		
1.4	16QAM	3	3	23.89	23.81	23.90		
1.4	16QAM	6	0	22.53	22.42	22.49	23.6	1
1.4	64QAM	1	0	22.78	22.95	22.91	23.6	1
1.4	64QAM	1	3	22.82	22.90	22.77		
1.4	64QAM	1	5	22.71	22.85	22.89		
1.4	64QAM	3	0	22.84	22.94	22.96		
1.4	64QAM	3	1	22.75	22.84	22.88		
1.4	64QAM	3	3	22.78	22.80	22.84		
1.4	64QAM	6	0	21.97	21.99	21.92	22.6	2
1.4	256QAM	1	0	18.87	18.83	18.82	19.6	5
1.4	256QAM	1	3	18.76	18.83	18.78		
1.4	256QAM	1	5	18.74	18.76	18.67		
1.4	256QAM	3	0	18.76	18.62	18.75		
1.4	256QAM	3	1	18.79	18.72	18.74		
1.4	256QAM	3	3	18.75	18.84	18.74		
1.4	256QAM	6	0	18.85	18.81	18.85	19.6	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	23.82	23.88	23.86	24.4	0
20	QPSK	1	49	23.79	23.86	23.84		
20	QPSK	1	99	23.66	23.66	23.69		
20	QPSK	50	0	22.91	22.99	22.97	23.9	0.5
20	QPSK	50	24	22.85	22.89	22.86		
20	QPSK	50	50	22.82	22.87	22.82		
20	QPSK	100	0	22.86	22.90	22.87		
20	16QAM	1	0	22.96	23.12	23.26		
20	16QAM	1	49	23.01	23.10	23.27	23.9	0.5
20	16QAM	1	99	23.24	23.06	23.15		
20	16QAM	50	0	22.33	22.35	22.41		
20	16QAM	50	24	22.40	22.36	22.32	23.4	1
20	16QAM	50	50	22.37	22.29	22.28		
20	16QAM	100	0	22.30	22.38	22.31		
20	64QAM	1	0	22.63	22.42	22.66		
20	64QAM	1	49	22.55	22.44	22.58	23.4	1
20	64QAM	1	99	22.60	22.39	22.40		
20	64QAM	50	0	21.90	21.84	21.90		
20	64QAM	50	24	21.90	21.89	21.87	22.4	2
20	64QAM	50	50	21.80	21.86	21.78		
20	64QAM	100	0	21.86	21.90	21.81		
20	256QAM	1	0	18.62	18.68	18.61		
20	256QAM	1	49	18.65	18.64	18.58	19.4	5
20	256QAM	1	99	18.59	18.68	18.62		
20	256QAM	50	0	18.57	18.65	18.68		
20	256QAM	50	24	18.63	18.66	18.59	19.4	5
20	256QAM	50	50	18.55	18.63	18.61		
20	256QAM	100	0	18.59	18.68	18.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.64	23.72	23.77	24.4	0
15	QPSK	1	37	23.68	23.84	23.77		
15	QPSK	1	74	23.64	23.54	23.64		
15	QPSK	36	0	22.89	22.95	22.89	23.9	0.5
15	QPSK	36	20	22.82	22.88	22.79		
15	QPSK	36	39	22.72	22.78	22.71		
15	QPSK	75	0	22.77	22.78	22.78		
15	16QAM	1	0	22.92	23.10	23.13		
15	16QAM	1	37	22.88	22.99	23.12	23.9	0.5
15	16QAM	1	74	23.23	23.05	23.00		
15	16QAM	36	0	22.25	22.20	22.28		
15	16QAM	36	20	22.26	22.23	22.17	23.4	1
15	16QAM	36	39	22.36	22.21	22.13		
15	16QAM	75	0	22.16	22.25	22.24		
15	64QAM	1	0	22.48	22.39	22.63		
15	64QAM	1	37	22.46	22.41	22.50	23.4	1
15	64QAM	1	74	22.57	22.37	22.34		
15	64QAM	36	0	21.87	21.80	21.78		
15	64QAM	36	20	21.80	21.75	21.74	22.4	2
15	64QAM	36	39	21.71	21.85	21.70		
15	64QAM	75	0	21.72	21.77	21.71		
15	256QAM	1	0	18.56	18.59	18.57		
15	256QAM	1	37	18.61	18.61	18.45	19.4	5
15	256QAM	1	74	18.49	18.67	18.57		
15	256QAM	36	0	18.43	18.62	18.67		
15	256QAM	36	20	18.58	18.52	18.49	19.4	5
15	256QAM	36	39	18.44	18.52	18.57		
15	256QAM	75	0	18.57	18.65	18.48		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.70	23.81	23.76	24.4	0
10	QPSK	1	25	23.68	23.83	23.71		
10	QPSK	1	49	23.52	23.64	23.62		
10	QPSK	25	0	22.82	22.87	22.85		
10	QPSK	25	12	22.83	22.83	22.74	23.9	0.5
10	QPSK	25	25	22.79	22.73	22.76		
10	QPSK	50	0	22.77	22.78	22.81		
10	16QAM	1	0	22.89	23.03	23.16		
10	16QAM	1	25	22.96	23.06	23.23	23.9	0.5
10	16QAM	1	49	23.19	22.99	23.10		
10	16QAM	25	0	22.22	22.23	22.26		
10	16QAM	25	12	22.27	22.24	22.24	23.4	1
10	16QAM	25	25	22.23	22.21	22.16		
10	16QAM	50	0	22.24	22.36	22.18		
10	64QAM	1	0	22.59	22.34	22.58		
10	64QAM	1	25	22.43	22.41	22.55	23.4	1
10	64QAM	1	49	22.52	22.34	22.35		
10	64QAM	25	0	21.88	21.78	21.76		
10	64QAM	25	12	21.80	21.80	21.75	22.4	2
10	64QAM	25	25	21.67	21.74	21.71		
10	64QAM	50	0	21.83	21.80	21.78		
10	256QAM	1	0	18.59	18.57	18.60		
10	256QAM	1	25	18.53	18.54	18.50	19.4	5
10	256QAM	1	49	18.49	18.66	18.51		
10	256QAM	25	0	18.44	18.58	18.53		
10	256QAM	25	12	18.59	18.55	18.52	19.4	5
10	256QAM	25	25	18.53	18.58	18.52		
10	256QAM	50	0	18.47	18.53	18.54		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.77	23.77	23.79	24.4	0
5	QPSK	1	12	23.71	23.74	23.72		
5	QPSK	1	24	23.63	23.58	23.59		
5	QPSK	12	0	22.78	22.93	22.88		
5	QPSK	12	7	22.80	22.74	22.83	23.9	0.5
5	QPSK	12	13	22.76	22.77	22.75		
5	QPSK	25	0	22.79	22.81	22.83		
5	16QAM	1	0	22.88	23.00	23.11		
5	16QAM	1	12	22.93	22.98	23.23	23.9	0.5
5	16QAM	1	24	23.17	22.97	23.01		
5	16QAM	12	0	22.24	22.27	22.32		
5	16QAM	12	7	22.39	22.32	22.25	23.4	1
5	16QAM	12	13	22.31	22.20	22.13		
5	16QAM	25	0	22.20	22.29	22.17		
5	64QAM	1	0	22.56	22.36	22.51		
5	64QAM	1	12	22.41	22.33	22.50	23.4	1
5	64QAM	1	24	22.48	22.31	22.31		
5	64QAM	12	0	21.76	21.74	21.78		
5	64QAM	12	7	21.79	21.88	21.86	22.4	2
5	64QAM	12	13	21.68	21.73	21.67		
5	64QAM	25	0	21.72	21.83	21.79		
5	256QAM	1	0	18.58	18.55	18.53		
5	256QAM	1	12	18.63	18.54	18.46	19.4	5
5	256QAM	1	24	18.57	18.59	18.59		
5	256QAM	12	0	18.53	18.58	18.63		
5	256QAM	12	7	18.53	18.63	18.53	19.4	5
5	256QAM	12	13	18.49	18.58	18.50		
5	256QAM	25	0	18.54	18.58	18.53		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.74	23.79	23.71	24.4	0
3	QPSK	1	8	23.77	23.77	23.71		
3	QPSK	1	14	23.61	23.52	23.58		
3	QPSK	8	0	22.90	22.85	22.94		
3	QPSK	8	4	22.81	22.75	22.79	23.9	0.5
3	QPSK	8	7	22.69	22.79	22.69		
3	QPSK	15	0	22.83	22.81	22.79		
3	16QAM	1	0	22.85	23.00	23.18		
3	16QAM	1	8	22.97	22.95	23.16	23.9	0.5
3	16QAM	1	14	23.10	22.94	23.00		
3	16QAM	8	0	22.18	22.30	22.30		
3	16QAM	8	4	22.32	22.21	22.27	23.4	1
3	16QAM	8	7	22.25	22.25	22.20		
3	16QAM	15	0	22.27	22.28	22.30		
3	64QAM	1	0	22.53	22.27	22.60		
3	64QAM	1	8	22.44	22.37	22.53	23.4	1
3	64QAM	1	14	22.45	22.28	22.25		
3	64QAM	8	0	21.84	21.83	21.83		
3	64QAM	8	4	21.85	21.80	21.74	22.4	2
3	64QAM	8	7	21.74	21.74	21.66		
3	64QAM	15	0	21.80	21.85	21.69		
3	256QAM	1	0	18.59	18.63	18.58		
3	256QAM	1	8	18.60	18.57	18.45	19.4	5
3	256QAM	1	14	18.54	18.62	18.58		
3	256QAM	8	0	18.47	18.54	18.60		
3	256QAM	8	4	18.54	18.57	18.50	19.4	5
3	256QAM	8	7	18.49	18.60	18.51		
3	256QAM	15	0	18.55	18.62	18.56		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.64	23.78	23.74		
1.4	QPSK	1	3	23.74	23.76	23.74		
1.4	QPSK	1	5	23.55	23.52	23.64	24.4	0
1.4	QPSK	3	0	23.73	23.73	23.75		
1.4	QPSK	3	1	23.81	23.87	23.84		
1.4	QPSK	3	3	23.51	23.53	23.54		
1.4	QPSK	6	0	22.83	22.88	22.75	23.9	0.5
1.4	16QAM	1	0	23.18	23.33	23.47		
1.4	16QAM	1	3	23.17	23.34	23.43		
1.4	16QAM	1	5	23.49	23.20	23.34	23.9	0.5
1.4	16QAM	3	0	23.12	23.28	23.47		
1.4	16QAM	3	1	23.24	23.26	23.39		
1.4	16QAM	3	3	23.35	23.29	23.31		
1.4	16QAM	6	0	22.26	22.28	22.22	23.4	1
1.4	64QAM	1	0	22.49	22.33	22.59		
1.4	64QAM	1	3	22.43	22.39	22.56		
1.4	64QAM	1	5	22.51	22.38	22.38	23.4	1
1.4	64QAM	3	0	22.54	22.27	22.59		
1.4	64QAM	3	1	22.46	22.34	22.48		
1.4	64QAM	3	3	22.51	22.26	22.31		
1.4	64QAM	6	0	21.80	21.80	21.72	22.4	2
1.4	256QAM	1	0	18.60	18.53	18.48		
1.4	256QAM	1	3	18.57	18.63	18.52		
1.4	256QAM	1	5	18.54	18.54	18.61	19.4	5
1.4	256QAM	3	0	18.49	18.52	18.62		
1.4	256QAM	3	1	18.62	18.62	18.54		
1.4	256QAM	3	3	18.47	18.58	18.48		
1.4	256QAM	6	0	18.45	18.58	18.45	19.4	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	20.68	20.70	20.65	21.8	0
20	QPSK	1	49	20.56	20.61	20.59		
20	QPSK	1	99	20.66	20.56	20.60		
20	QPSK	50	0	20.05	20.10	20.02	21.3	0.5
20	QPSK	50	24	19.96	20.05	19.91		
20	QPSK	50	50	20.03	20.04	19.89		
20	QPSK	100	0	20.00	20.08	19.99		
20	16QAM	1	0	20.23	20.29	20.15		
20	16QAM	1	49	20.21	20.21	20.19	21.3	0.5
20	16QAM	1	99	20.31	20.31	20.16		
20	16QAM	50	0	19.61	19.57	19.57		
20	16QAM	50	24	19.65	19.54	19.43	20.8	1
20	16QAM	50	50	19.57	19.50	19.38		
20	16QAM	100	0	19.60	19.54	19.40		
20	64QAM	1	0	19.55	19.60	19.42		
20	64QAM	1	49	19.60	19.43	19.45	20.8	1
20	64QAM	1	99	19.58	19.65	19.39		
20	64QAM	50	0	18.86	18.76	18.78		
20	64QAM	50	24	18.85	18.73	18.65	19.8	2
20	64QAM	50	50	18.77	18.71	18.56		
20	64QAM	100	0	18.86	18.69	18.56		
20	256QAM	1	0	15.60	15.62	15.51		
20	256QAM	1	49	15.58	15.59	15.50	16.8	5
20	256QAM	1	99	15.43	15.48	15.39		
20	256QAM	50	0	15.49	15.51	15.47		
20	256QAM	50	24	15.52	15.55	15.53	16.8	5
20	256QAM	50	50	15.39	15.48	15.45		
20	256QAM	100	0	15.50	15.59	15.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.44	20.52	20.47		
15	QPSK	1	37	20.59	20.61	20.53	21.8	0
15	QPSK	1	74	20.61	20.46	20.59		
15	QPSK	36	0	19.93	20.08	19.94		
15	QPSK	36	20	19.84	19.95	19.84	21.3	0.5
15	QPSK	36	39	19.96	19.96	19.87		
15	QPSK	75	0	19.89	20.01	19.88		
15	16QAM	1	0	20.14	20.20	20.11		
15	16QAM	1	37	20.18	20.08	20.08	21.3	0.5
15	16QAM	1	74	20.20	20.16	20.01		
15	16QAM	36	0	19.58	19.47	19.51		
15	16QAM	36	20	19.54	19.48	19.42	20.8	1
15	16QAM	36	39	19.54	19.43	19.33		
15	16QAM	75	0	19.55	19.53	19.31		
15	64QAM	1	0	19.48	19.57	19.33		
15	64QAM	1	37	19.54	19.30	19.44	20.8	1
15	64QAM	1	74	19.57	19.57	19.33		
15	64QAM	36	0	18.78	18.63	18.68		
15	64QAM	36	20	18.71	18.70	18.55	19.8	2
15	64QAM	36	39	18.63	18.66	18.47		
15	64QAM	75	0	18.80	18.67	18.48		
15	256QAM	1	0	15.45	15.56	15.50		
15	256QAM	1	37	15.45	15.49	15.42	16.8	5
15	256QAM	1	74	15.38	15.44	15.35		
15	256QAM	36	0	15.42	15.45	15.40		
15	256QAM	36	20	15.44	15.53	15.42	16.8	5
15	256QAM	36	39	15.26	15.36	15.42		
15	256QAM	75	0	15.42	15.47	15.43		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.41	20.60	20.57		
10	QPSK	1	25	20.64	20.67	20.52	21.8	0
10	QPSK	1	49	20.54	20.50	20.49		
10	QPSK	25	0	19.95	20.03	19.99		
10	QPSK	25	12	19.83	19.96	19.80	21.3	0.5
10	QPSK	25	25	19.88	20.03	19.82		
10	QPSK	50	0	19.86	19.93	19.91		
10	16QAM	1	0	20.08	20.20	20.12		
10	16QAM	1	25	20.19	20.13	20.09	21.3	0.5
10	16QAM	1	49	20.25	20.20	20.04		
10	16QAM	25	0	19.53	19.54	19.42		
10	16QAM	25	12	19.60	19.51	19.38	20.8	1
10	16QAM	25	25	19.42	19.36	19.27		
10	16QAM	50	0	19.51	19.48	19.28		
10	64QAM	1	0	19.42	19.59	19.33		
10	64QAM	1	25	19.58	19.35	19.39	20.8	1
10	64QAM	1	49	19.56	19.63	19.31		
10	64QAM	25	0	18.77	18.74	18.74		
10	64QAM	25	12	18.84	18.66	18.63	19.8	2
10	64QAM	25	25	18.70	18.62	18.48		
10	64QAM	50	0	18.83	18.62	18.44		
10	256QAM	1	0	15.59	15.49	15.39		
10	256QAM	1	25	15.54	15.58	15.41	16.8	5
10	256QAM	1	49	15.37	15.35	15.26		
10	256QAM	25	0	15.37	15.49	15.42		
10	256QAM	25	12	15.43	15.43	15.51	16.8	5
10	256QAM	25	25	15.32	15.39	15.41		
10	256QAM	50	0	15.41	15.51	15.42		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.43	20.47	20.58		
5	QPSK	1	12	20.55	20.68	20.51	21.8	0
5	QPSK	1	24	20.52	20.42	20.54		
5	QPSK	12	0	19.91	19.99	19.95		
5	QPSK	12	7	19.88	20.04	19.88	21.3	0.5
5	QPSK	12	13	19.89	19.98	19.74		
5	QPSK	25	0	19.92	20.01	19.84		
5	16QAM	1	0	20.19	20.18	20.02		
5	16QAM	1	12	20.15	20.06	20.13	21.3	0.5
5	16QAM	1	24	20.29	20.28	20.01		
5	16QAM	12	0	19.58	19.51	19.44		
5	16QAM	12	7	19.61	19.52	19.28	20.8	1
5	16QAM	12	13	19.56	19.38	19.32		
5	16QAM	25	0	19.50	19.46	19.30		
5	64QAM	1	0	19.50	19.46	19.40		
5	64QAM	1	12	19.48	19.42	19.44	20.8	1
5	64QAM	1	24	19.47	19.55	19.37		
5	64QAM	12	0	18.76	18.72	18.71		
5	64QAM	12	7	18.76	18.62	18.62	19.8	2
5	64QAM	12	13	18.65	18.64	18.45		
5	64QAM	25	0	18.80	18.54	18.42		
5	256QAM	1	0	15.52	15.50	15.40		
5	256QAM	1	12	15.53	15.53	15.36	16.8	5
5	256QAM	1	24	15.32	15.45	15.25		
5	256QAM	12	0	15.47	15.40	15.32		
5	256QAM	12	7	15.41	15.52	15.44	16.8	5
5	256QAM	12	13	15.26	15.36	15.40		
5	256QAM	25	0	15.44	15.48	15.42		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.44	20.49	20.57		
3	QPSK	1	8	20.54	20.64	20.64	21.8	0
3	QPSK	1	14	20.51	20.54	20.46		
3	QPSK	8	0	19.90	20.05	20.01		
3	QPSK	8	4	19.88	19.96	19.84	21.3	0.5
3	QPSK	8	7	19.96	19.99	19.79		
3	QPSK	15	0	19.92	20.04	19.91		
3	16QAM	1	0	20.15	20.26	20.01		
3	16QAM	1	8	20.06	20.08	20.14	21.3	0.5
3	16QAM	1	14	20.16	20.30	20.04		
3	16QAM	8	0	19.49	19.44	19.48		
3	16QAM	8	4	19.58	19.50	19.37	20.8	1
3	16QAM	8	7	19.50	19.46	19.26		
3	16QAM	15	0	19.48	19.51	19.32		
3	64QAM	1	0	19.53	19.52	19.33		
3	64QAM	1	8	19.47	19.35	19.32	20.8	1
3	64QAM	1	14	19.52	19.50	19.37		
3	64QAM	8	0	18.79	18.74	18.69		
3	64QAM	8	4	18.77	18.62	18.62	19.8	2
3	64QAM	8	7	18.73	18.58	18.42		
3	64QAM	15	0	18.83	18.66	18.48		
3	256QAM	1	0	15.49	15.55	15.43		
3	256QAM	1	8	15.56	15.47	15.42	16.8	5
3	256QAM	1	14	15.31	15.46	15.27		
3	256QAM	8	0	15.38	15.42	15.46		
3	256QAM	8	4	15.40	15.45	15.38	16.8	5
3	256QAM	8	7	15.36	15.35	15.37		
3	256QAM	15	0	15.45	15.58	15.55		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.44	20.56	20.50		
1.4	QPSK	1	3	20.57	20.56	20.51		
1.4	QPSK	1	5	20.62	20.52	20.57	21.8	0
1.4	QPSK	3	0	20.47	20.53	20.46		
1.4	QPSK	3	1	20.65	20.59	20.63		
1.4	QPSK	3	3	20.55	20.47	20.58		
1.4	QPSK	6	0	19.92	20.00	19.97	21.3	0.5
1.4	16QAM	1	0	20.35	20.46	20.25		
1.4	16QAM	1	3	20.44	20.39	20.43		
1.4	16QAM	1	5	20.44	20.44	20.27	21.3	0.5
1.4	16QAM	3	0	20.39	20.41	20.25		
1.4	16QAM	3	1	20.38	20.36	20.39		
1.4	16QAM	3	3	20.45	20.43	20.33		
1.4	16QAM	6	0	19.50	19.49	19.37	20.8	1
1.4	64QAM	1	0	19.54	19.51	19.40		
1.4	64QAM	1	3	19.46	19.42	19.33		
1.4	64QAM	1	5	19.51	19.56	19.29	20.8	1
1.4	64QAM	3	0	19.42	19.53	19.40		
1.4	64QAM	3	1	19.48	19.30	19.42		
1.4	64QAM	3	3	19.50	19.60	19.27		
1.4	64QAM	6	0	18.84	18.67	18.43	19.8	2
1.4	256QAM	1	0	15.58	15.59	15.47		
1.4	256QAM	1	3	15.52	15.48	15.42		
1.4	256QAM	1	5	15.38	15.39	15.34	16.8	5
1.4	256QAM	3	0	15.44	15.48	15.41		
1.4	256QAM	3	1	15.49	15.41	15.47		
1.4	256QAM	3	3	15.32	15.40	15.40		
1.4	256QAM	6	0	15.38	15.48	15.54	16.8	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	24.45	24.49	24.42	25	0
20	QPSK	1	49	24.33	24.23	24.29		
20	QPSK	1	99	24.42	24.41	24.38		
20	QPSK	50	0	23.98	24.05	24.02	24.5	0.5
20	QPSK	50	24	23.85	23.87	23.94		
20	QPSK	50	50	23.91	23.97	23.98		
20	QPSK	100	0	23.89	24.00	23.96		
20	16QAM	1	0	23.89	23.92	23.93	24.5	0.5
20	16QAM	1	49	23.83	23.90	24.10		
20	16QAM	1	99	23.99	24.04	24.16		
20	16QAM	50	0	23.34	23.38	23.42	24	1
20	16QAM	50	24	23.35	23.43	23.47		
20	16QAM	50	50	23.42	23.43	23.57		
20	16QAM	100	0	23.34	23.44	23.48		
20	64QAM	1	0	22.58	22.59	22.65	23	2
20	64QAM	1	49	22.60	22.61	22.80		
20	64QAM	1	99	22.67	22.70	22.81		
20	64QAM	50	0	22.40	22.40	22.48	23	2
20	64QAM	50	24	22.35	22.47	22.58		
20	64QAM	50	50	22.50	22.45	22.63		
20	64QAM	100	0	22.47	22.42	22.55		
20	256QAM	1	0	18.91	19.02	18.95	20	5
20	256QAM	1	49	18.86	18.91	18.90		
20	256QAM	1	99	19.00	19.01	18.91		
20	256QAM	50	0	18.93	18.97	18.84	20	5
20	256QAM	50	24	18.83	18.89	18.81		
20	256QAM	50	50	18.96	18.99	18.88		
20	256QAM	100	0	18.90	18.96	18.94		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.23	24.20	24.20	25	0
15	QPSK	1	37	24.40	24.46	24.33		
15	QPSK	1	74	24.27	24.36	24.35		
15	QPSK	36	0	23.87	23.94	23.90	24.5	0.5
15	QPSK	36	20	23.76	23.76	23.93		
15	QPSK	36	39	23.85	23.90	23.93		
15	QPSK	75	0	23.87	23.93	23.87		
15	16QAM	1	0	23.81	23.80	23.78	24.5	0.5
15	16QAM	1	37	23.82	23.86	23.96		
15	16QAM	1	74	23.91	24.03	24.03		
15	16QAM	36	0	23.33	23.24	23.27	24	1
15	16QAM	36	20	23.23	23.35	23.42		
15	16QAM	36	39	23.38	23.41	23.46		
15	16QAM	75	0	23.21	23.35	23.42		
15	64QAM	1	0	22.56	22.46	22.56	23	2
15	64QAM	1	37	22.55	22.46	22.68		
15	64QAM	1	74	22.59	22.56	22.74		
15	64QAM	36	0	22.34	22.32	22.35	23	2
15	64QAM	36	20	22.23	22.33	22.46		
15	64QAM	36	39	22.43	22.30	22.55		
15	64QAM	75	0	22.43	22.29	22.40		
15	256QAM	1	0	18.85	18.91	18.86	20	5
15	256QAM	1	37	18.74	18.86	18.81		
15	256QAM	1	74	18.93	18.92	18.76		
15	256QAM	36	0	18.91	18.93	18.69	20	5
15	256QAM	36	20	18.68	18.86	18.72		
15	256QAM	36	39	18.82	18.84	18.87		
15	256QAM	75	0	18.89	18.89	18.88		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.24	24.17	24.14	25	0
10	QPSK	1	25	24.33	24.39	24.33		
10	QPSK	1	49	24.41	24.30	24.27		
10	QPSK	25	0	23.96	23.98	23.97	24.5	0.5
10	QPSK	25	12	23.71	23.73	23.80		
10	QPSK	25	25	23.76	23.96	23.93		
10	QPSK	50	0	23.85	23.97	23.94		
10	16QAM	1	0	23.87	23.91	23.87	24.5	0.5
10	16QAM	1	25	23.81	23.80	24.09		
10	16QAM	1	49	23.92	23.98	24.14		
10	16QAM	25	0	23.30	23.25	23.30	24	1
10	16QAM	25	12	23.29	23.30	23.46		
10	16QAM	25	25	23.29	23.36	23.43		
10	16QAM	50	0	23.28	23.36	23.45		
10	64QAM	1	0	22.44	22.56	22.59	23	2
10	64QAM	1	25	22.57	22.56	22.73		
10	64QAM	1	49	22.52	22.62	22.68		
10	64QAM	25	0	22.36	22.25	22.43	23	2
10	64QAM	25	12	22.31	22.32	22.47		
10	64QAM	25	25	22.38	22.40	22.49		
10	64QAM	50	0	22.37	22.32	22.40		
10	256QAM	1	0	18.85	19.01	18.84	20	5
10	256QAM	1	25	18.74	18.81	18.80		
10	256QAM	1	49	18.96	18.90	18.85		
10	256QAM	25	0	18.91	18.94	18.77	20	5
10	256QAM	25	12	18.68	18.79	18.79		
10	256QAM	25	25	18.87	18.91	18.75		
10	256QAM	50	0	18.75	18.81	18.82		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.29	24.20	24.15	25	0
5	QPSK	1	12	24.35	24.44	24.33		
5	QPSK	1	24	24.37	24.27	24.34		
5	QPSK	12	0	23.96	23.96	23.98	24.5	0.5
5	QPSK	12	7	23.81	23.74	23.91		
5	QPSK	12	13	23.80	23.96	23.88		
5	QPSK	25	0	23.88	23.90	23.89		
5	16QAM	1	0	23.88	23.77	23.81	24.5	0.5
5	16QAM	1	12	23.71	23.82	23.98		
5	16QAM	1	24	23.97	23.93	24.10		
5	16QAM	12	0	23.24	23.33	23.36	24	1
5	16QAM	12	7	23.20	23.35	23.34		
5	16QAM	12	13	23.37	23.36	23.53		
5	16QAM	25	0	23.30	23.34	23.45		
5	64QAM	1	0	22.55	22.55	22.55	23	2
5	64QAM	1	12	22.51	22.55	22.72		
5	64QAM	1	24	22.56	22.64	22.70		
5	64QAM	12	0	22.37	22.39	22.38	23	2
5	64QAM	12	7	22.31	22.34	22.52		
5	64QAM	12	13	22.42	22.30	22.50		
5	64QAM	25	0	22.34	22.35	22.45		
5	256QAM	1	0	18.79	18.98	18.92	20	5
5	256QAM	1	12	18.75	18.81	18.75		
5	256QAM	1	24	18.93	19.00	18.76		
5	256QAM	12	0	18.85	18.88	18.77	20	5
5	256QAM	12	7	18.79	18.87	18.79		
5	256QAM	12	13	18.81	18.92	18.73		
5	256QAM	25	0	18.87	18.93	18.89		

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BW [MHz]	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	23.85	24.00	23.98	24.4	0
20	QPSK	1	49	23.81	23.78	23.85		
20	QPSK	1	99	23.82	23.84	23.90		
20	QPSK	50	0	23.38	23.40	23.35	23.9	0.5
20	QPSK	50	24	23.33	23.27	23.34		
20	QPSK	50	50	23.36	23.31	23.30		
20	QPSK	100	0	23.31	23.36	23.34		
20	16QAM	1	0	23.35	23.31	23.22	23.9	0.5
20	16QAM	1	49	23.39	23.28	23.42		
20	16QAM	1	99	23.45	23.41	23.52		
20	16QAM	50	0	22.83	22.69	22.78	23.4	1
20	16QAM	50	24	22.76	22.76	22.86		
20	16QAM	50	50	22.78	22.81	22.88		
20	16QAM	100	0	22.76	22.74	22.82		
20	64QAM	1	0	22.01	21.91	21.99	22.4	2
20	64QAM	1	49	22.12	22.11	22.21		
20	64QAM	1	99	22.12	22.10	22.21		
20	64QAM	50	0	21.85	21.79	21.81	22.4	2
20	64QAM	50	24	21.88	21.84	21.93		
20	64QAM	50	50	21.84	21.84	21.99		
20	64QAM	100	0	21.89	21.79	21.91		
20	256QAM	1	0	18.35	18.50	18.37	19.4	5
20	256QAM	1	49	18.47	18.49	18.48		
20	256QAM	1	99	18.45	18.47	18.44		
20	256QAM	50	0	18.38	18.42	18.30	19.4	5
20	256QAM	50	24	18.30	18.41	18.31		
20	256QAM	50	50	18.44	18.47	18.35		
20	256QAM	100	0	18.34	18.43	18.42		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.66	23.72	23.79	24.4	0
15	QPSK	1	37	23.86	23.85	23.83		
15	QPSK	1	74	23.70	23.72	23.85		
15	QPSK	36	0	23.24	23.33	23.20	23.9	0.5
15	QPSK	36	20	23.22	23.21	23.25		
15	QPSK	36	39	23.34	23.25	23.29		
15	QPSK	75	0	23.22	23.35	23.32		
15	16QAM	1	0	23.23	23.24	23.09	23.9	0.5
15	16QAM	1	37	23.33	23.14	23.31		
15	16QAM	1	74	23.30	23.32	23.46		
15	16QAM	36	0	22.82	22.65	22.73	23.4	1
15	16QAM	36	20	22.67	22.70	22.84		
15	16QAM	36	39	22.63	22.74	22.73		
15	16QAM	75	0	22.66	22.67	22.75		
15	64QAM	1	0	21.90	21.84	21.97	22.4	2
15	64QAM	1	37	22.05	21.98	22.18		
15	64QAM	1	74	22.03	21.98	22.13		
15	64QAM	36	0	21.73	21.78	21.80	22.4	2
15	64QAM	36	20	21.84	21.76	21.89		
15	64QAM	36	39	21.79	21.78	21.88		
15	64QAM	75	0	21.85	21.65	21.89		
15	256QAM	1	0	18.24	18.49	18.32	19.4	5
15	256QAM	1	37	18.33	18.43	18.37		
15	256QAM	1	74	18.41	18.32	18.35		
15	256QAM	36	0	18.29	18.38	18.18	19.4	5
15	256QAM	36	20	18.29	18.31	18.23		
15	256QAM	36	39	18.34	18.46	18.33		
15	256QAM	75	0	18.27	18.39	18.34		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.79	23.65	23.79	24.4	0
10	QPSK	1	25	23.81	23.90	23.87		
10	QPSK	1	49	23.69	23.83	23.87		
10	QPSK	25	0	23.33	23.32	23.31	23.9	0.5
10	QPSK	25	12	23.21	23.16	23.27		
10	QPSK	25	25	23.35	23.24	23.18		
10	QPSK	50	0	23.18	23.30	23.28		
10	16QAM	1	0	23.24	23.26	23.15	23.9	0.5
10	16QAM	1	25	23.25	23.22	23.34		
10	16QAM	1	49	23.31	23.40	23.49		
10	16QAM	25	0	22.70	22.59	22.73	23.4	1
10	16QAM	25	12	22.71	22.74	22.75		
10	16QAM	25	25	22.71	22.75	22.75		
10	16QAM	50	0	22.61	22.69	22.67		
10	64QAM	1	0	21.99	21.89	21.95	22.4	2
10	64QAM	1	25	21.97	21.99	22.11		
10	64QAM	1	49	21.98	21.97	22.07		
10	64QAM	25	0	21.72	21.71	21.80	22.4	2
10	64QAM	25	12	21.77	21.76	21.88		
10	64QAM	25	25	21.78	21.81	21.85		
10	64QAM	50	0	21.88	21.69	21.82		
10	256QAM	1	0	18.20	18.48	18.28	19.4	5
10	256QAM	1	25	18.42	18.38	18.36		
10	256QAM	1	49	18.34	18.44	18.43		
10	256QAM	25	0	18.30	18.39	18.27	19.4	5
10	256QAM	25	12	18.28	18.33	18.20		
10	256QAM	25	25	18.42	18.33	18.22		
10	256QAM	50	0	18.24	18.31	18.35		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.69	23.63	23.84	24.4	0
5	QPSK	1	12	23.83	23.87	23.91		
5	QPSK	1	24	23.73	23.80	23.87		
5	QPSK	12	0	23.23	23.31	23.23	23.9	0.5
5	QPSK	12	7	23.18	23.13	23.26		
5	QPSK	12	13	23.31	23.27	23.15		
5	QPSK	25	0	23.17	23.28	23.19		
5	16QAM	1	0	23.21	23.21	23.20	23.9	0.5
5	16QAM	1	12	23.29	23.18	23.31		
5	16QAM	1	24	23.39	23.27	23.47		
5	16QAM	12	0	22.79	22.56	22.73	23.4	1
5	16QAM	12	7	22.69	22.69	22.77		
5	16QAM	12	13	22.72	22.77	22.81		
5	16QAM	25	0	22.71	22.73	22.80		
5	64QAM	1	0	21.96	21.89	21.87	22.4	2
5	64QAM	1	12	22.05	22.03	22.10		
5	64QAM	1	24	22.10	21.96	22.09		
5	64QAM	12	0	21.75	21.73	21.66	22.4	2
5	64QAM	12	7	21.83	21.83	21.85		
5	64QAM	12	13	21.82	21.79	21.84		
5	64QAM	25	0	21.86	21.73	21.82		
5	256QAM	1	0	18.29	18.37	18.35	19.4	5
5	256QAM	1	12	18.43	18.41	18.42		
5	256QAM	1	24	18.43	18.39	18.39		
5	256QAM	12	0	18.32	18.39	18.19	19.4	5
5	256QAM	12	7	18.25	18.26	18.18		
5	256QAM	12	13	18.33	18.41	18.26		
5	256QAM	25	0	18.28	18.35	18.32		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.05	24.12	24.06	24.4	0
20	QPSK	1	49	23.98	23.88	23.94		
20	QPSK	1	99	24.04	24.07	24.00		
20	QPSK	50	0	23.51	23.56	23.52	23.9	0.5
20	QPSK	50	24	23.46	23.49	23.47		
20	QPSK	50	50	23.45	23.51	23.51		
20	QPSK	100	0	23.49	23.53	23.51		
20	16QAM	1	0	23.53	23.51	23.38	23.9	0.5
20	16QAM	1	49	23.43	23.54	23.68		
20	16QAM	1	99	23.60	23.52	23.68		
20	16QAM	50	0	23.01	22.88	22.98	23.4	1
20	16QAM	50	24	23.04	22.94	22.99		
20	16QAM	50	50	23.02	23.05	23.08		
20	16QAM	100	0	22.97	23.00	23.05		
20	64QAM	1	0	22.12	22.16	22.18	22.4	2
20	64QAM	1	49	22.08	22.21	22.10		
20	64QAM	1	99	22.26	22.27	22.20		
20	64QAM	50	0	22.04	22.01	22.01	22.4	2
20	64QAM	50	24	22.05	22.04	22.10		
20	64QAM	50	50	22.06	22.07	22.23		
20	64QAM	100	0	22.03	21.98	22.11		
20	256QAM	1	0	18.50	18.51	18.51	19.4	5
20	256QAM	1	49	18.50	18.57	18.48		
20	256QAM	1	99	18.47	18.57	18.57		
20	256QAM	50	0	18.54	18.48	18.49	19.4	5
20	256QAM	50	24	18.52	18.56	18.56		
20	256QAM	50	50	18.44	18.57	18.44		
20	256QAM	100	0	18.53	18.53	18.57		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.85	23.84	23.90	24.4	0
15	QPSK	1	37	23.94	23.98	24.00		
15	QPSK	1	74	23.91	23.92	23.86		
15	QPSK	36	0	23.48	23.52	23.46	23.9	0.5
15	QPSK	36	20	23.41	23.39	23.43		
15	QPSK	36	39	23.40	23.44	23.39		
15	QPSK	75	0	23.40	23.41	23.50		
15	16QAM	1	0	23.39	23.44	23.35	23.9	0.5
15	16QAM	1	37	23.36	23.53	23.64		
15	16QAM	1	74	23.47	23.43	23.63		
15	16QAM	36	0	22.93	22.86	22.86	23.4	1
15	16QAM	36	20	22.96	22.85	22.95		
15	16QAM	36	39	23.00	22.95	22.94		
15	16QAM	75	0	22.83	22.92	22.90		
15	64QAM	1	0	22.00	22.07	22.10	22.4	2
15	64QAM	1	37	21.96	22.11	21.95		
15	64QAM	1	74	22.23	22.14	22.19		
15	64QAM	36	0	21.90	21.94	21.88	22.4	2
15	64QAM	36	20	22.02	21.90	22.04		
15	64QAM	36	39	22.00	21.94	22.13		
15	64QAM	75	0	21.91	21.90	22.07		
15	256QAM	1	0	18.40	18.40	18.49	19.4	5
15	256QAM	1	37	18.41	18.52	18.35		
15	256QAM	1	74	18.45	18.56	18.55		
15	256QAM	36	0	18.48	18.44	18.36	19.4	5
15	256QAM	36	20	18.40	18.49	18.41		
15	256QAM	36	39	18.30	18.45	18.43		
15	256QAM	75	0	18.44	18.51	18.55		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.96	23.75	23.82	24.4	0
10	QPSK	1	25	23.93	24.11	23.99		
10	QPSK	1	49	23.97	24.00	23.85		
10	QPSK	25	0	23.37	23.45	23.38	23.9	0.5
10	QPSK	25	12	23.40	23.47	23.42		
10	QPSK	25	25	23.30	23.47	23.36		
10	QPSK	50	0	23.40	23.43	23.41		
10	16QAM	1	0	23.42	23.37	23.30	23.9	0.5
10	16QAM	1	25	23.42	23.53	23.55		
10	16QAM	1	49	23.46	23.40	23.54		
10	16QAM	25	0	22.87	22.79	22.88	23.4	1
10	16QAM	25	12	22.89	22.92	22.90		
10	16QAM	25	25	22.93	22.95	22.94		
10	16QAM	50	0	22.93	22.98	22.91		
10	64QAM	1	0	22.01	22.08	22.13	22.4	2
10	64QAM	1	25	22.00	22.12	22.02		
10	64QAM	1	49	22.21	22.23	22.06		
10	64QAM	25	0	21.95	21.86	21.96	22.4	2
10	64QAM	25	12	21.93	22.03	22.01		
10	64QAM	25	25	22.01	22.04	22.14		
10	64QAM	50	0	21.92	21.90	22.09		
10	256QAM	1	0	18.35	18.49	18.42	19.4	5
10	256QAM	1	25	18.35	18.56	18.33		
10	256QAM	1	49	18.43	18.42	18.46		
10	256QAM	25	0	18.43	18.46	18.46	19.4	5
10	256QAM	25	12	18.39	18.52	18.53		
10	256QAM	25	25	18.38	18.46	18.32		
10	256QAM	50	0	18.50	18.45	18.54		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.91	23.81	23.92	24.4	0
5	QPSK	1	12	23.99	24.05	24.00		
5	QPSK	1	24	23.95	24.01	23.95		
5	QPSK	12	0	23.36	23.50	23.44	23.9	0.5
5	QPSK	12	7	23.33	23.47	23.45		
5	QPSK	12	13	23.36	23.44	23.47		
5	QPSK	25	0	23.40	23.44	23.45		
5	16QAM	1	0	23.51	23.40	23.34	23.9	0.5
5	16QAM	1	12	23.38	23.39	23.63		
5	16QAM	1	24	23.47	23.46	23.60		
5	16QAM	12	0	22.96	22.78	22.90	23.4	1
5	16QAM	12	7	23.01	22.87	22.91		
5	16QAM	12	13	22.95	22.91	23.07		
5	16QAM	25	0	22.89	22.92	22.95		
5	64QAM	1	0	21.99	22.12	22.04	22.4	2
5	64QAM	1	12	21.96	22.09	22.08		
5	64QAM	1	24	22.20	22.14	22.13		
5	64QAM	12	0	21.99	21.87	21.88	22.4	2
5	64QAM	12	7	21.91	21.98	21.96		
5	64QAM	12	13	21.97	21.92	22.16		
5	64QAM	25	0	21.94	21.87	22.08		
5	256QAM	1	0	18.42	18.41	18.43	19.4	5
5	256QAM	1	12	18.39	18.52	18.37		
5	256QAM	1	24	18.46	18.53	18.50		
5	256QAM	12	0	18.39	18.39	18.35	19.4	5
5	256QAM	12	7	18.47	18.45	18.42		
5	256QAM	12	13	18.29	18.51	18.31		
5	256QAM	25	0	18.43	18.48	18.55		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.41	20.48	20.45	21	0
20	QPSK	1	49	20.32	20.26	20.31		
20	QPSK	1	99	20.39	20.44	20.42		
20	QPSK	50	0	19.95	20.00	19.97	20.5	0.5
20	QPSK	50	24	19.91	19.81	19.93		
20	QPSK	50	50	19.89	19.85	19.95		
20	QPSK	100	0	19.93	19.96	19.95		
20	16QAM	1	0	19.92	19.87	19.77	20.5	0.5
20	16QAM	1	49	20.01	19.89	20.03		
20	16QAM	1	99	20.02	20.03	20.00		
20	16QAM	50	0	19.39	19.28	19.48	20	1
20	16QAM	50	24	19.47	19.29	19.49		
20	16QAM	50	50	19.42	19.32	19.56		
20	16QAM	100	0	19.40	19.35	19.50		
20	64QAM	1	0	18.64	18.53	18.59	20	1
20	64QAM	1	49	18.66	18.71	18.78		
20	64QAM	1	99	18.70	18.65	18.73		
20	64QAM	50	0	18.42	18.39	18.46	19	2
20	64QAM	50	24	18.48	18.41	18.57		
20	64QAM	50	50	18.49	18.44	18.61		
20	64QAM	100	0	18.48	18.42	18.55		
20	256QAM	1	0	15.48	15.53	15.39	16	5
20	256QAM	1	49	15.46	15.44	15.42		
20	256QAM	1	99	15.43	15.49	15.52		
20	256QAM	50	0	15.46	15.39	15.43	16	5
20	256QAM	50	24	15.44	15.45	15.41		
20	256QAM	50	50	15.44	15.42	15.44		
20	256QAM	100	0	15.42	15.46	15.47		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.28	20.19	20.26	21	0
15	QPSK	1	37	20.36	20.39	20.44		
15	QPSK	1	74	20.25	20.38	20.28		
15	QPSK	36	0	19.82	19.91	19.90	20.5	0.5
15	QPSK	36	20	19.78	19.77	19.91		
15	QPSK	36	39	19.77	19.71	19.88		
15	QPSK	75	0	19.89	19.86	19.93		
15	16QAM	1	0	19.88	19.86	19.64	20.5	0.5
15	16QAM	1	37	19.92	19.74	19.99		
15	16QAM	1	74	19.93	19.94	19.94		
15	16QAM	36	0	19.37	19.21	19.41	20	1
15	16QAM	36	20	19.38	19.26	19.43		
15	16QAM	36	39	19.35	19.22	19.47		
15	16QAM	75	0	19.33	19.27	19.49		
15	64QAM	1	0	18.55	18.47	18.56	20	1
15	64QAM	1	37	18.56	18.57	18.75		
15	64QAM	1	74	18.59	18.63	18.67		
15	64QAM	36	0	18.35	18.24	18.34	19	2
15	64QAM	36	20	18.41	18.28	18.45		
15	64QAM	36	39	18.34	18.39	18.56		
15	64QAM	75	0	18.33	18.40	18.47		
15	256QAM	1	0	15.43	15.43	15.31	16	5
15	256QAM	1	37	15.34	15.36	15.38		
15	256QAM	1	74	15.28	15.38	15.39		
15	256QAM	36	0	15.35	15.37	15.41	16	5
15	256QAM	36	20	15.37	15.39	15.39		
15	256QAM	36	39	15.35	15.37	15.41		
15	256QAM	75	0	15.32	15.45	15.44		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.17	20.16	20.19	21	0
10	QPSK	1	25	20.31	20.33	20.36		
10	QPSK	1	49	20.32	20.38	20.38		
10	QPSK	25	0	19.87	19.97	19.84	20.5	0.5
10	QPSK	25	12	19.87	19.73	19.83		
10	QPSK	25	25	19.80	19.70	19.85		
10	QPSK	50	0	19.80	19.89	19.86		
10	16QAM	1	0	19.80	19.83	19.67	20.5	0.5
10	16QAM	1	25	19.86	19.76	19.88		
10	16QAM	1	49	19.89	19.88	19.93		
10	16QAM	25	0	19.32	19.14	19.40	20	1
10	16QAM	25	12	19.34	19.22	19.46		
10	16QAM	25	25	19.34	19.25	19.41		
10	16QAM	50	0	19.26	19.33	19.38		
10	64QAM	1	0	18.57	18.44	18.50	20	1
10	64QAM	1	25	18.61	18.69	18.70		
10	64QAM	1	49	18.62	18.59	18.58		
10	64QAM	25	0	18.27	18.34	18.41	19	2
10	64QAM	25	12	18.42	18.31	18.46		
10	64QAM	25	25	18.35	18.29	18.46		
10	64QAM	50	0	18.36	18.28	18.51		
10	256QAM	1	0	15.33	15.50	15.33	16	5
10	256QAM	1	25	15.39	15.31	15.33		
10	256QAM	1	49	15.31	15.37	15.48		
10	256QAM	25	0	15.42	15.34	15.30	16	5
10	256QAM	25	12	15.34	15.31	15.31		
10	256QAM	25	25	15.40	15.35	15.33		
10	256QAM	50	0	15.36	15.35	15.33		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.17	20.23	20.30	21	0
5	QPSK	1	12	20.40	20.38	20.42		
5	QPSK	1	24	20.37	20.39	20.37		
5	QPSK	12	0	19.89	19.87	19.88	20.5	0.5
5	QPSK	12	7	19.82	19.76	19.84		
5	QPSK	12	13	19.78	19.81	19.89		
5	QPSK	25	0	19.88	19.81	19.90		
5	16QAM	1	0	19.90	19.78	19.62	20.5	0.5
5	16QAM	1	12	19.96	19.76	19.98		
5	16QAM	1	24	19.98	19.93	19.95		
5	16QAM	12	0	19.37	19.24	19.34	20	1
5	16QAM	12	7	19.41	19.20	19.45		
5	16QAM	12	13	19.34	19.20	19.55		
5	16QAM	25	0	19.34	19.33	19.36		
5	64QAM	1	0	18.62	18.40	18.49	20	1
5	64QAM	1	12	18.52	18.56	18.75		
5	64QAM	1	24	18.60	18.59	18.60		
5	64QAM	12	0	18.39	18.35	18.37	19	2
5	64QAM	12	7	18.37	18.33	18.51		
5	64QAM	12	13	18.42	18.39	18.49		
5	64QAM	25	0	18.34	18.37	18.53		
5	256QAM	1	0	15.47	15.48	15.35	16	5
5	256QAM	1	12	15.44	15.42	15.28		
5	256QAM	1	24	15.35	15.35	15.41		
5	256QAM	12	0	15.35	15.34	15.29	16	5
5	256QAM	12	7	15.40	15.31	15.31		
5	256QAM	12	13	15.33	15.35	15.30		
5	256QAM	25	0	15.32	15.41	15.32		

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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	22.20	22.28	22.32	22.30	22.23	22.8	0
20	QPSK	1	49	22.06	22.14	22.06	22.23	22.15		
20	QPSK	1	99	22.14	22.25	22.30	22.29	22.18		
20	QPSK	50	0	21.75	21.80	21.85	21.80	21.78	22.3	0.5
20	QPSK	50	24	21.73	21.67	21.79	21.79	21.75		
20	QPSK	50	50	21.66	21.75	21.82	21.75	21.71		
20	QPSK	100	0	21.70	21.73	21.80	21.75	21.77		
20	16QAM	1	0	21.72	21.74	21.76	21.90	21.63	22.3	0.5
20	16QAM	1	49	21.75	21.66	21.86	21.92	21.81		
20	16QAM	1	99	21.77	21.74	21.96	21.87	21.74		
20	16QAM	50	0	21.11	21.24	21.19	21.38	21.23	21.8	1
20	16QAM	50	24	21.22	21.22	21.26	21.35	21.22		
20	16QAM	50	50	21.20	21.29	21.34	21.39	21.20		
20	16QAM	100	0	21.15	21.25	21.30	21.32	21.23		
20	64QAM	1	0	20.40	20.41	20.38	20.58	20.45	20.8	2
20	64QAM	1	49	20.48	20.53	20.54	20.64	20.43		
20	64QAM	1	99	20.45	20.52	20.63	20.48	20.44		
20	64QAM	50	0	20.16	20.19	20.27	20.30	20.18	20.8	2
20	64QAM	50	24	20.13	20.17	20.23	20.32	20.22		
20	64QAM	50	50	20.16	20.25	20.31	20.31	20.19		
20	64QAM	100	0	20.10	20.23	20.26	20.33	20.15		
20	256QAM	1	0	16.70	16.78	16.84	16.79	16.82	17.8	5
20	256QAM	1	49	16.72	16.75	16.79	16.65	16.71		
20	256QAM	1	99	16.65	16.68	16.73	16.71	16.61		
20	256QAM	50	0	16.75	16.69	16.79	16.72	16.64	17.8	5
20	256QAM	50	24	16.71	16.74	16.76	16.66	16.69		
20	256QAM	50	50	16.80	16.78	16.85	16.71	16.72		
20	256QAM	100	0	16.78	16.70	16.81	16.68	16.76		
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	22.03	22.12	22.03	22.18	22.09	22.8	0
15	QPSK	1	37	22.12	22.18	22.17	22.25	22.16		
15	QPSK	1	74	22.05	22.19	22.28	22.15	22.15		
15	QPSK	36	0	21.61	21.69	21.74	21.70	21.74	22.3	0.5
15	QPSK	36	20	21.72	21.59	21.68	21.70	21.60		
15	QPSK	36	39	21.65	21.66	21.73	21.73	21.67		
15	QPSK	75	0	21.65	21.69	21.74	21.61	21.76		
15	16QAM	1	0	21.69	21.60	21.62	21.88	21.58	22.3	0.5
15	16QAM	1	37	21.67	21.57	21.78	21.87	21.79		
15	16QAM	1	74	21.76	21.66	21.82	21.75	21.68		
15	16QAM	36	0	21.02	21.09	21.08	21.25	21.21	21.8	1
15	16QAM	36	20	21.08	21.17	21.21	21.32	21.18		
15	16QAM	36	39	21.14	21.22	21.22	21.37	21.10		
15	16QAM	75	0	21.02	21.10	21.18	21.26	21.18		
15	64QAM	1	0	20.31	20.30	20.31	20.50	20.30	20.8	2
15	64QAM	1	37	20.39	20.45	20.53	20.59	20.36		
15	64QAM	1	74	20.43	20.42	20.60	20.36	20.33		
15	64QAM	36	0	20.03	20.13	20.23	20.18	20.13	20.8	2
15	64QAM	36	20	20.03	20.08	20.16	20.19	20.11		
15	64QAM	36	39	20.04	20.23	20.25	20.20	20.15		
15	64QAM	75	0	20.04	20.10	20.17	20.23	20.01		
15	256QAM	1	0	16.63	16.69	16.70	16.73	16.78	17.8	5
15	256QAM	1	37	16.59	16.71	16.72	16.56	16.69		
15	256QAM	1	74	16.57	16.53	16.63	16.57	16.55		
15	256QAM	36	0	16.73	16.64	16.70	16.64	16.61	17.8	5
15	256QAM	36	20	16.64	16.65	16.68	16.58	16.64		
15	256QAM	36	39	16.69	16.63	16.75	16.57	16.66		
15	256QAM	75	0	16.69	16.68	16.74	16.65	16.68		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.00	22.08	21.91	22.13	22.09	22.8	0
10	QPSK	1	25	22.09	22.26	22.26	22.24	22.12		
10	QPSK	1	49	22.05	22.14	22.17	22.21	22.14		
10	QPSK	25	0	21.70	21.72	21.83	21.65	21.72	22.3	0.5
10	QPSK	25	12	21.59	21.55	21.73	21.67	21.66		
10	QPSK	25	25	21.54	21.69	21.80	21.73	21.61		
10	QPSK	50	0	21.60	21.63	21.79	21.70	21.76		
10	16QAM	1	0	21.71	21.73	21.62	21.87	21.56	22.3	0.5
10	16QAM	1	25	21.62	21.65	21.75	21.77	21.80		
10	16QAM	1	49	21.68	21.64	21.92	21.73	21.62		
10	16QAM	25	0	21.04	21.09	21.06	21.28	21.14	21.8	1
10	16QAM	25	12	21.19	21.13	21.24	21.29	21.15		
10	16QAM	25	25	21.07	21.14	21.22	21.35	21.14		
10	16QAM	50	0	21.10	21.18	21.29	21.25	21.11		
10	64QAM	1	0	20.27	20.32	20.30	20.53	20.36	20.8	2
10	64QAM	1	25	20.37	20.46	20.47	20.51	20.40		
10	64QAM	1	49	20.39	20.37	20.59	20.35	20.36		
10	64QAM	25	0	20.10	20.09	20.15	20.27	20.12	20.8	2
10	64QAM	25	12	20.09	20.14	20.21	20.30	20.14		
10	64QAM	25	25	20.04	20.19	20.23	20.24	20.17		
10	64QAM	50	0	19.95	20.09	20.11	20.30	20.02		
10	256QAM	1	0	16.57	16.67	16.79	16.73	16.73	17.8	5
10	256QAM	1	25	16.63	16.62	16.68	16.58	16.65		
10	256QAM	1	49	16.60	16.53	16.59	16.60	16.50		
10	256QAM	25	0	16.62	16.65	16.67	16.62	16.60	17.8	5
10	256QAM	25	12	16.56	16.68	16.62	16.56	16.65		
10	256QAM	25	25	16.78	16.77	16.75	16.66	16.58		
10	256QAM	50	0	16.72	16.64	16.78	16.62	16.67		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.01	22.05	21.91	22.08	22.10	22.8	0
5	QPSK	1	12	22.11	22.20	22.25	22.23	22.19		
5	QPSK	1	24	21.99	22.10	22.19	22.28	22.10		
5	QPSK	12	0	21.74	21.71	21.83	21.79	21.75	22.3	0.5
5	QPSK	12	7	21.62	21.62	21.69	21.68	21.60		
5	QPSK	12	13	21.62	21.72	21.71	21.65	21.68		
5	QPSK	25	0	21.55	21.63	21.72	21.61	21.64		
5	16QAM	1	0	21.58	21.69	21.64	21.78	21.60	22.3	0.5
5	16QAM	1	12	21.60	21.57	21.78	21.79	21.76		
5	16QAM	1	24	21.65	21.61	21.94	21.83	21.60		
5	16QAM	12	0	21.06	21.15	21.10	21.35	21.10	21.8	1
5	16QAM	12	7	21.15	21.21	21.11	21.20	21.16		
5	16QAM	12	13	21.06	21.22	21.21	21.35	21.18		
5	16QAM	25	0	21.09	21.11	21.16	21.30	21.08		
5	64QAM	1	0	20.29	20.30	20.36	20.51	20.40	20.8	2
5	64QAM	1	12	20.34	20.48	20.42	20.53	20.28		
5	64QAM	1	24	20.44	20.42	20.50	20.45	20.29		
5	64QAM	12	0	20.05	20.14	20.19	20.27	20.11	20.8	2
5	64QAM	12	7	19.99	20.10	20.08	20.20	20.20		
5	64QAM	12	13	20.02	20.24	20.24	20.27	20.14		
5	64QAM	25	0	19.99	20.20	20.21	20.30	20.05		
5	256QAM	1	0	16.67	16.63	16.75	16.69	16.80	17.8	5
5	256QAM	1	12	16.68	16.63	16.72	16.52	16.64		
5	256QAM	1	24	16.62	16.55	16.59	16.58	16.53		
5	256QAM	12	0	16.72	16.62	16.67	16.60	16.53	17.8	5
5	256QAM	12	7	16.70	16.64	16.73	16.60	16.64		
5	256QAM	12	13	16.73	16.74	16.77	16.60	16.69		
5	256QAM	25	0	16.65	16.68	16.78	16.58	16.64		

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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	25.10	25.08	25.11	25.02	25.00	25.8	0
20	QPSK	1	49	25.09	25.00	24.97	24.95	24.85		
20	QPSK	1	99	25.07	24.94	25.01	24.99	24.95		
20	QPSK	50	0	24.58	24.62	24.65	24.51	24.62	25.3	0.5
20	QPSK	50	24	24.44	24.51	24.52	24.48	24.40		
20	QPSK	50	50	24.48	24.54	24.55	24.46	24.45		
20	QPSK	100	0	24.56	24.53	24.63	24.56	24.52		
20	16QAM	1	0	24.74	24.65	24.75	24.62	24.69	25.3	0.5
20	16QAM	1	49	24.61	24.56	24.65	24.58	24.54		
20	16QAM	1	99	24.60	24.61	24.64	24.50	24.59		
20	16QAM	50	0	24.01	23.98	24.12	23.98	24.09	24.8	1
20	16QAM	50	24	23.97	23.96	24.03	23.92	23.88		
20	16QAM	50	50	24.04	23.98	24.08	23.94	24.02		
20	16QAM	100	0	23.98	23.92	24.00	23.99	23.93		
20	64QAM	1	0	23.50	23.47	23.60	23.47	23.48	24.8	1
20	64QAM	1	49	23.47	23.50	23.55	23.48	23.52		
20	64QAM	1	99	23.56	23.48	23.58	23.51	23.48		
20	64QAM	50	0	23.07	23.12	23.15	23.14	23.12	23.8	2
20	64QAM	50	24	23.08	22.96	23.09	23.04	23.06		
20	64QAM	50	50	22.98	23.08	23.10	22.95	22.95		
20	64QAM	100	0	22.94	22.89	23.01	22.87	22.91		
20	256QAM	1	0	19.87	19.91	20.00	19.95	19.96	20.8	5
20	256QAM	1	49	19.79	19.79	19.88	19.74	19.78		
20	256QAM	1	99	19.81	19.81	19.93	19.83	19.79		
20	256QAM	50	0	19.94	19.91	19.95	19.87	19.88	20.8	5
20	256QAM	50	24	19.83	19.82	19.90	19.83	19.80		
20	256QAM	50	50	19.80	19.81	19.88	19.87	19.81		
20	256QAM	100	0	19.85	19.92	19.95	19.93	19.91		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.97	24.91	24.86	24.83	24.75	25.8	0
15	QPSK	1	37	25.01	25.00	25.02	24.92	24.88		
15	QPSK	1	74	24.93	24.82	24.95	24.90	24.87		
15	QPSK	36	0	24.46	24.60	24.62	24.41	24.48	25.3	0.5
15	QPSK	36	20	24.43	24.36	24.50	24.33	24.36		
15	QPSK	36	39	24.47	24.52	24.51	24.31	24.42		
15	QPSK	75	0	24.49	24.40	24.56	24.48	24.41		
15	16QAM	1	0	24.66	24.61	24.73	24.59	24.58	25.3	0.5
15	16QAM	1	37	24.49	24.46	24.58	24.50	24.53		
15	16QAM	1	74	24.52	24.57	24.62	24.43	24.53		
15	16QAM	36	0	23.98	23.87	24.09	23.83	24.03	24.8	1
15	16QAM	36	20	23.92	23.87	23.95	23.79	23.83		
15	16QAM	36	39	23.97	23.94	23.97	23.87	23.91		
15	16QAM	75	0	23.87	23.86	23.92	23.96	23.90		
15	64QAM	1	0	23.39	23.43	23.45	23.43	23.42	24.8	1
15	64QAM	1	37	23.33	23.40	23.54	23.44	23.40		
15	64QAM	1	74	23.41	23.45	23.55	23.45	23.40		
15	64QAM	36	0	23.02	23.03	23.00	23.00	23.08	23.8	2
15	64QAM	36	20	23.02	22.94	22.95	22.99	22.97		
15	64QAM	36	39	22.92	23.06	23.02	22.82	22.84		
15	64QAM	75	0	22.79	22.77	22.86	22.73	22.86		
15	256QAM	1	0	19.80	19.80	19.85	19.85	19.95	20.8	5
15	256QAM	1	37	19.70	19.72	19.76	19.70	19.68		
15	256QAM	1	74	19.75	19.67	19.85	19.68	19.70		
15	256QAM	36	0	19.82	19.84	19.94	19.84	19.80	20.8	5
15	256QAM	36	20	19.68	19.71	19.76	19.79	19.73		
15	256QAM	36	39	19.66	19.66	19.87	19.79	19.72		
15	256QAM	75	0	19.70	19.85	19.88	19.79	19.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.05	24.97	24.87	24.80	24.70	25.8	0
10	QPSK	1	25	25.04	25.01	25.03	24.88	24.96		
10	QPSK	1	49	24.98	24.93	24.98	24.89	24.86		
10	QPSK	25	0	24.50	24.52	24.61	24.40	24.59	25.3	0.5
10	QPSK	25	12	24.38	24.43	24.50	24.45	24.35		
10	QPSK	25	25	24.36	24.52	24.42	24.34	24.30		
10	QPSK	50	0	24.51	24.45	24.60	24.42	24.45		
10	16QAM	1	0	24.66	24.59	24.60	24.47	24.62	25.3	0.5
10	16QAM	1	25	24.58	24.54	24.61	24.46	24.49		
10	16QAM	1	49	24.57	24.55	24.52	24.44	24.54		
10	16QAM	25	0	23.92	23.85	24.01	23.85	23.95	24.8	1
10	16QAM	25	12	23.83	23.83	23.94	23.86	23.82		
10	16QAM	25	25	23.99	23.95	24.05	23.88	23.93		
10	16QAM	50	0	23.95	23.79	23.95	23.98	23.78		
10	64QAM	1	0	23.47	23.32	23.52	23.40	23.33	24.8	1
10	64QAM	1	25	23.46	23.43	23.49	23.46	23.38		
10	64QAM	1	49	23.43	23.40	23.45	23.39	23.34		
10	64QAM	25	0	22.95	23.08	23.00	23.13	23.00	23.8	2
10	64QAM	25	12	23.07	22.86	23.07	22.89	22.91		
10	64QAM	25	25	22.95	22.95	23.06	22.85	22.91		
10	64QAM	50	0	22.81	22.77	22.95	22.80	22.90		
10	256QAM	1	0	19.82	19.78	19.96	19.93	19.92	20.8	5
10	256QAM	1	25	19.68	19.65	19.75	19.63	19.71		
10	256QAM	1	49	19.78	19.73	19.83	19.71	19.75		
10	256QAM	25	0	19.91	19.84	19.84	19.85	19.73	20.8	5
10	256QAM	25	12	19.74	19.69	19.88	19.71	19.69		
10	256QAM	25	25	19.79	19.80	19.75	19.84	19.79		
10	256QAM	50	0	19.78	19.79	19.91	19.92	19.89		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.94	24.89	24.88	24.88	24.70	25.8	0
5	QPSK	1	12	25.00	24.93	25.01	24.95	24.97		
5	QPSK	1	24	25.00	24.89	24.90	24.92	24.81		
5	QPSK	12	0	24.49	24.50	24.63	24.36	24.61	25.3	0.5
5	QPSK	12	7	24.36	24.46	24.37	24.39	24.35		
5	QPSK	12	13	24.46	24.43	24.45	24.34	24.37		
5	QPSK	25	0	24.42	24.44	24.58	24.43	24.46		
5	16QAM	1	0	24.70	24.64	24.60	24.61	24.64	25.3	0.5
5	16QAM	1	12	24.46	24.46	24.58	24.45	24.49		
5	16QAM	1	24	24.57	24.46	24.49	24.36	24.45		
5	16QAM	12	0	23.89	23.94	24.11	23.95	23.94	24.8	1
5	16QAM	12	7	23.93	23.81	23.99	23.80	23.80		
5	16QAM	12	13	23.99	23.88	24.04	23.84	23.96		
5	16QAM	25	0	23.93	23.79	23.94	23.91	23.86		
5	64QAM	1	0	23.35	23.42	23.59	23.37	23.40	24.8	1
5	64QAM	1	12	23.34	23.43	23.48	23.42	23.50		
5	64QAM	1	24	23.49	23.38	23.44	23.48	23.46		
5	64QAM	12	0	22.93	22.99	23.05	23.06	23.08	23.8	2
5	64QAM	12	7	22.93	22.91	23.03	23.03	23.05		
5	64QAM	12	13	22.84	22.95	22.98	22.94	22.80		
5	64QAM	25	0	22.83	22.75	22.97	22.76	22.81		
5	256QAM	1	0	19.79	19.86	19.93	19.94	19.88	20.8	5
5	256QAM	1	12	19.66	19.78	19.74	19.65	19.64		
5	256QAM	1	24	19.68	19.71	19.78	19.68	19.73		
5	256QAM	12	0	19.80	19.85	19.85	19.86	19.87	20.8	5
5	256QAM	12	7	19.73	19.76	19.87	19.78	19.72		
5	256QAM	12	13	19.77	19.69	19.87	19.85	19.78		
5	256QAM	25	0	19.74	19.90	19.84	19.80	19.90		

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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	21.69	21.80	21.88	21.85	21.77	22.3	0
20	QPSK	1	49	21.59	21.72	21.79	21.83	21.73		
20	QPSK	1	99	21.58	21.74	21.77	21.74	21.71		
20	QPSK	50	0	21.18	21.25	21.35	21.32	21.33	21.8	0.5
20	QPSK	50	24	21.09	21.22	21.23	21.28	21.30		
20	QPSK	50	50	21.12	21.20	21.31	21.25	21.19		
20	QPSK	100	0	21.15	21.23	21.32	21.31	21.24		
20	16QAM	1	0	21.20	21.27	21.14	21.38	21.32	21.8	0.5
20	16QAM	1	49	21.12	21.18	21.10	21.34	21.25		
20	16QAM	1	99	21.15	21.19	21.09	21.37	21.21		
20	16QAM	50	0	20.57	20.69	20.68	20.81	20.79	21.3	1
20	16QAM	50	24	20.62	20.69	20.76	20.87	20.75		
20	16QAM	50	50	20.68	20.80	20.81	20.83	20.76		
20	16QAM	100	0	20.61	20.74	20.75	20.83	20.77		
20	64QAM	1	0	19.77	19.96	19.95	20.10	20.02	20.3	2
20	64QAM	1	49	19.86	20.04	20.03	20.10	20.00		
20	64QAM	1	99	19.88	20.07	20.04	20.00	20.02		
20	64QAM	50	0	19.56	19.67	19.68	19.80	19.76	20.3	2
20	64QAM	50	24	19.64	19.73	19.73	19.85	19.78		
20	64QAM	50	50	19.67	19.78	19.78	19.82	19.77		
20	64QAM	100	0	19.57	19.73	19.73	19.80	19.71		
20	256QAM	1	0	16.37	16.40	16.48	16.37	16.45	17.3	5
20	256QAM	1	49	16.32	16.38	16.43	16.30	16.38		
20	256QAM	1	99	16.40	16.37	16.48	16.35	16.45		
20	256QAM	50	0	16.40	16.41	16.44	16.42	16.41	17.3	5
20	256QAM	50	24	16.35	16.37	16.46	16.37	16.35		
20	256QAM	50	50	16.45	16.39	16.50	16.45	16.48		
20	256QAM	100	0	16.50	16.46	16.51	16.48	16.48		
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	21.54	21.65	21.69	21.80	21.59	22.3	0
15	QPSK	1	37	21.59	21.74	21.86	21.74	21.70		
15	QPSK	1	74	21.48	21.70	21.67	21.69	21.63		
15	QPSK	36	0	21.10	21.24	21.26	21.24	21.32	21.8	0.5
15	QPSK	36	20	21.00	21.16	21.18	21.14	21.28		
15	QPSK	36	39	20.98	21.16	21.21	21.18	21.07		
15	QPSK	75	0	21.12	21.18	21.22	21.24	21.14		
15	16QAM	1	0	21.09	21.19	21.03	21.32	21.29	21.8	0.5
15	16QAM	1	37	21.09	21.10	21.02	21.32	21.15		
15	16QAM	1	74	21.04	21.08	20.95	21.35	21.08		
15	16QAM	36	0	20.56	20.60	20.61	20.73	20.74	21.3	1
15	16QAM	36	20	20.60	20.60	20.68	20.77	20.63		
15	16QAM	36	39	20.63	20.71	20.77	20.74	20.73		
15	16QAM	75	0	20.54	20.72	20.71	20.77	20.74		
15	64QAM	1	0	19.73	19.90	19.86	20.05	19.97	20.3	2
15	64QAM	1	37	19.73	19.94	19.88	19.96	19.98		
15	64QAM	1	74	19.73	20.03	19.93	19.97	19.99		
15	64QAM	36	0	19.46	19.52	19.53	19.77	19.61	20.3	2
15	64QAM	36	20	19.50	19.59	19.71	19.74	19.73		
15	64QAM	36	39	19.59	19.77	19.66	19.68	19.73		
15	64QAM	75	0	19.51	19.61	19.60	19.68	19.68		
15	256QAM	1	0	16.27	16.39	16.46	16.26	16.43	17.3	5
15	256QAM	1	37	16.18	16.28	16.31	16.25	16.28		
15	256QAM	1	74	16.26	16.26	16.42	16.27	16.34		
15	256QAM	36	0	16.36	16.38	16.37	16.41	16.38	17.3	5
15	256QAM	36	20	16.28	16.24	16.44	16.30	16.24		
15	256QAM	36	39	16.34	16.34	16.35	16.38	16.34		
15	256QAM	75	0	16.36	16.43	16.40	16.43	16.33		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.50	21.67	21.66	21.72	21.59	22.3	0
10	QPSK	1	25	21.58	21.69	21.82	21.81	21.70		
10	QPSK	1	49	21.52	21.66	21.73	21.71	21.66		
10	QPSK	25	0	21.06	21.22	21.29	21.28	21.27	21.8	0.5
10	QPSK	25	12	21.05	21.21	21.16	21.16	21.29		
10	QPSK	25	25	21.02	21.13	21.23	21.14	21.10		
10	QPSK	50	0	21.09	21.22	21.31	21.23	21.14		
10	16QAM	1	0	21.07	21.24	21.01	21.35	21.23	21.8	0.5
10	16QAM	1	25	21.01	21.10	21.05	21.32	21.15		
10	16QAM	1	49	21.12	21.07	20.97	21.23	21.17		
10	16QAM	25	0	20.48	20.67	20.64	20.75	20.68	21.3	1
10	16QAM	25	12	20.61	20.66	20.63	20.83	20.70		
10	16QAM	25	25	20.55	20.69	20.78	20.80	20.64		
10	16QAM	50	0	20.57	20.69	20.70	20.82	20.73		
10	64QAM	1	0	19.74	19.81	19.85	20.08	19.98	20.3	2
10	64QAM	1	25	19.79	19.90	19.91	20.00	19.86		
10	64QAM	1	49	19.84	19.94	19.98	19.98	19.89		
10	64QAM	25	0	19.47	19.59	19.55	19.79	19.67	20.3	2
10	64QAM	25	12	19.52	19.69	19.66	19.84	19.72		
10	64QAM	25	25	19.66	19.76	19.65	19.74	19.65		
10	64QAM	50	0	19.42	19.61	19.67	19.69	19.68		
10	256QAM	1	0	16.34	16.38	16.37	16.27	16.41	17.3	5
10	256QAM	1	25	16.19	16.29	16.32	16.26	16.26		
10	256QAM	1	49	16.39	16.32	16.35	16.31	16.44		
10	256QAM	25	0	16.36	16.37	16.42	16.39	16.36	17.3	5
10	256QAM	25	12	16.27	16.29	16.33	16.31	16.33		
10	256QAM	25	25	16.31	16.36	16.47	16.35	16.47		
10	256QAM	50	0	16.40	16.43	16.50	16.46	16.45		
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	21.60	21.72	21.76	21.67	22.3	0
5	QPSK	1	12	21.67	21.66	21.75	21.79	21.70		
5	QPSK	1	24	21.50	21.66	21.70	21.70	21.66		
5	QPSK	12	0	21.06	21.23	21.23	21.27	21.24	21.8	0.5
5	QPSK	12	7	20.96	21.10	21.15	21.23	21.16		
5	QPSK	12	13	21.03	21.16	21.18	21.20	21.18		
5	QPSK	25	0	21.13	21.08	21.31	21.26	21.23		
5	16QAM	1	0	21.07	21.20	21.08	21.36	21.31	21.8	0.5
5	16QAM	1	12	20.99	21.13	21.08	21.31	21.23		
5	16QAM	1	24	21.11	21.11	21.08	21.28	21.11		
5	16QAM	12	0	20.55	20.58	20.62	20.77	20.76	21.3	1
5	16QAM	12	7	20.61	20.56	20.63	20.79	20.72		
5	16QAM	12	13	20.54	20.69	20.75	20.74	20.67		
5	16QAM	25	0	20.49	20.72	20.61	20.73	20.62		
5	64QAM	1	0	19.74	19.83	19.86	19.96	19.93	20.3	2
5	64QAM	1	12	19.80	19.98	19.95	20.02	19.98		
5	64QAM	1	24	19.79	20.06	20.01	19.86	19.91		
5	64QAM	12	0	19.47	19.55	19.59	19.66	19.61	20.3	2
5	64QAM	12	7	19.62	19.58	19.61	19.78	19.77		
5	64QAM	12	13	19.53	19.75	19.73	19.69	19.63		
5	64QAM	25	0	19.45	19.65	19.72	19.70	19.65		
5	256QAM	1	0	16.35	16.38	16.35	16.27	16.35	17.3	5
5	256QAM	1	12	16.26	16.35	16.36	16.28	16.30		
5	256QAM	1	24	16.26	16.34	16.47	16.26	16.40		
5	256QAM	12	0	16.30	16.31	16.37	16.30	16.34	17.3	5
5	256QAM	12	7	16.33	16.32	16.33	16.30	16.32		
5	256QAM	12	13	16.33	16.26	16.47	16.38	16.42		
5	256QAM	25	0	16.35	16.45	16.36	16.38	16.33		

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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	24.60	24.63	24.69	24.66	24.55	25.3	0
20	QPSK	1	49	24.45	24.50	24.67	24.57	24.41		
20	QPSK	1	99	24.47	24.52	24.61	24.54	24.54		
20	QPSK	50	0	24.06	24.06	24.10	24.06	24.02	24.8	0.5
20	QPSK	50	24	23.95	24.01	24.05	23.97	23.97		
20	QPSK	50	50	24.02	23.98	24.03	23.89	23.94		
20	QPSK	100	0	23.83	23.86	23.95	23.80	23.89		
20	16QAM	1	0	24.14	24.11	24.25	24.12	24.16	24.8	0.5
20	16QAM	1	49	24.07	24.14	24.22	24.14	24.17		
20	16QAM	1	99	24.07	24.07	24.16	24.06	24.09		
20	16QAM	50	0	23.56	23.54	23.62	23.59	23.52	24.3	1
20	16QAM	50	24	23.42	23.37	23.52	23.43	23.49		
20	16QAM	50	50	23.46	23.37	23.49	23.41	23.34		
20	16QAM	100	0	23.42	23.48	23.53	23.38	23.38		
20	64QAM	1	0	23.08	23.06	23.15	23.02	23.02	24.3	1
20	64QAM	1	49	22.88	22.98	23.02	22.87	22.93		
20	64QAM	1	99	22.98	23.06	23.11	23.07	23.00		
20	64QAM	50	0	22.58	22.50	22.63	22.60	22.50	23.3	2
20	64QAM	50	24	22.40	22.50	22.52	22.45	22.43		
20	64QAM	50	50	22.53	22.48	22.59	22.55	22.46		
20	64QAM	100	0	22.51	22.57	22.61	22.57	22.60		
20	256QAM	1	0	19.47	19.52	19.60	19.50	19.49	20.3	5
20	256QAM	1	49	19.47	19.47	19.54	19.46	19.39		
20	256QAM	1	99	19.52	19.50	19.57	19.55	19.54		
20	256QAM	50	0	19.48	19.37	19.51	19.45	19.36	20.3	5
20	256QAM	50	24	19.39	19.32	19.45	19.40	19.30		
20	256QAM	50	50	19.45	19.40	19.48	19.35	19.39		
20	256QAM	100	0	19.41	19.36	19.45	19.31	19.31		
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	24.32	24.45	24.57	24.47	24.39	25.3	0
15	QPSK	1	37	24.58	24.57	24.67	24.65	24.53		
15	QPSK	1	74	24.40	24.51	24.60	24.40	24.46		
15	QPSK	36	0	24.03	23.97	23.98	23.92	23.98	24.8	0.5
15	QPSK	36	20	23.82	24.00	24.02	23.96	23.91		
15	QPSK	36	39	23.95	23.84	23.89	23.88	23.87		
15	QPSK	75	0	23.68	23.80	23.90	23.73	23.87		
15	16QAM	1	0	24.01	24.03	24.20	24.09	24.10	24.8	0.5
15	16QAM	1	37	24.03	24.11	24.18	24.06	24.14		
15	16QAM	1	74	23.98	24.06	24.06	24.03	24.03		
15	16QAM	36	0	23.49	23.43	23.59	23.44	23.46	24.3	1
15	16QAM	36	20	23.27	23.36	23.39	23.40	23.36		
15	16QAM	36	39	23.43	23.27	23.38	23.39	23.20		
15	16QAM	75	0	23.37	23.46	23.39	23.24	23.36		
15	64QAM	1	0	23.01	23.02	23.03	22.95	22.90	24.3	1
15	64QAM	1	37	22.79	22.92	22.94	22.76	22.79		
15	64QAM	1	74	22.94	23.01	22.99	23.02	22.90		
15	64QAM	36	0	22.57	22.38	22.59	22.46	22.49	23.3	2
15	64QAM	36	20	22.31	22.36	22.42	22.41	22.40		
15	64QAM	36	39	22.40	22.36	22.48	22.53	22.45		
15	64QAM	75	0	22.41	22.42	22.54	22.42	22.53		
15	256QAM	1	0	19.34	19.51	19.53	19.49	19.35	20.3	5
15	256QAM	1	37	19.33	19.36	19.48	19.33	19.28		
15	256QAM	1	74	19.49	19.49	19.45	19.42	19.40		
15	256QAM	36	0	19.45	19.22	19.44	19.35	19.24	20.3	5
15	256QAM	36	20	19.26	19.19	19.36	19.28	19.24		
15	256QAM	36	39	19.44	19.34	19.40	19.25	19.31		
15	256QAM	75	0	19.29	19.26	19.36	19.29	19.17		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.40	24.42	24.57	24.42	24.39	25.3	0
10	QPSK	1	25	24.47	24.58	24.67	24.57	24.47		
10	QPSK	1	49	24.32	24.44	24.49	24.41	24.46		
10	QPSK	25	0	24.04	24.05	23.97	24.00	24.01	24.8	0.5
10	QPSK	25	12	23.93	23.98	23.96	23.89	23.95		
10	QPSK	25	25	23.90	23.89	24.02	23.88	23.91		
10	QPSK	50	0	23.78	23.80	23.87	23.72	23.82		
10	16QAM	1	0	24.12	24.04	24.23	23.98	24.13	24.8	0.5
10	16QAM	1	25	24.00	24.10	24.09	24.03	24.14		
10	16QAM	1	49	24.06	24.06	24.12	23.98	24.08		
10	16QAM	25	0	23.47	23.51	23.50	23.46	23.43	24.3	1
10	16QAM	25	12	23.31	23.27	23.44	23.37	23.40		
10	16QAM	25	25	23.44	23.33	23.34	23.34	23.32		
10	16QAM	50	0	23.32	23.43	23.51	23.33	23.27		
10	64QAM	1	0	23.01	22.91	23.09	22.99	22.88	24.3	1
10	64QAM	1	25	22.87	22.88	22.93	22.75	22.89		
10	64QAM	1	49	22.90	23.01	23.00	22.96	22.88		
10	64QAM	25	0	22.55	22.36	22.52	22.50	22.43	23.3	2
10	64QAM	25	12	22.29	22.45	22.37	22.32	22.28		
10	64QAM	25	25	22.51	22.40	22.46	22.47	22.39		
10	64QAM	50	0	22.46	22.47	22.47	22.45	22.45		
10	256QAM	1	0	19.46	19.43	19.59	19.35	19.47	20.3	5
10	256QAM	1	25	19.42	19.32	19.41	19.36	19.25		
10	256QAM	1	49	19.38	19.41	19.44	19.47	19.42		
10	256QAM	25	0	19.36	19.30	19.48	19.34	19.22	20.3	5
10	256QAM	25	12	19.24	19.25	19.43	19.29	19.23		
10	256QAM	25	25	19.39	19.31	19.47	19.34	19.34		
10	256QAM	50	0	19.30	19.34	19.42	19.20	19.26		
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	24.31	24.35	24.65	24.42	24.29	25.3	0
5	QPSK	1	12	24.57	24.55	24.62	24.53	24.45		
5	QPSK	1	24	24.37	24.46	24.60	24.41	24.44		
5	QPSK	12	0	23.94	24.02	23.99	24.03	23.95	24.8	0.5
5	QPSK	12	7	23.83	23.87	23.94	23.82	23.85		
5	QPSK	12	13	23.91	23.88	23.93	23.79	23.89		
5	QPSK	25	0	23.80	23.73	23.94	23.72	23.80		
5	16QAM	1	0	24.01	23.99	24.24	23.99	24.05	24.8	0.5
5	16QAM	1	12	24.02	24.03	24.12	24.12	24.09		
5	16QAM	1	24	23.96	24.02	24.09	23.97	23.96		
5	16QAM	12	0	23.52	23.49	23.47	23.46	23.38	24.3	1
5	16QAM	12	7	23.37	23.35	23.43	23.31	23.42		
5	16QAM	12	13	23.41	23.36	23.47	23.32	23.25		
5	16QAM	25	0	23.40	23.35	23.46	23.25	23.30		
5	64QAM	1	0	22.94	23.01	23.05	23.00	22.95	24.3	1
5	64QAM	1	12	22.86	22.87	22.99	22.83	22.88		
5	64QAM	1	24	22.92	22.98	23.09	22.93	22.95		
5	64QAM	12	0	22.50	22.48	22.51	22.48	22.38	23.3	2
5	64QAM	12	7	22.36	22.46	22.44	22.32	22.33		
5	64QAM	12	13	22.42	22.39	22.49	22.48	22.43		
5	64QAM	25	0	22.36	22.50	22.53	22.50	22.46		
5	256QAM	1	0	19.44	19.40	19.47	19.45	19.34	20.3	5
5	256QAM	1	12	19.45	19.41	19.50	19.44	19.34		
5	256QAM	1	24	19.40	19.43	19.53	19.46	19.43		
5	256QAM	12	0	19.44	19.28	19.44	19.35	19.24	20.3	5
5	256QAM	12	7	19.25	19.23	19.35	19.39	19.24		
5	256QAM	12	13	19.41	19.35	19.41	19.21	19.24		
5	256QAM	25	0	19.31	19.24	19.40	19.30	19.16		

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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	21.88	21.91	21.95	21.92	21.85	22.2	0
20	QPSK	1	49	21.80	21.82	21.76	21.88	21.80		
20	QPSK	1	99	21.87	21.90	21.90	21.90	21.80		
20	QPSK	50	0	21.45	21.47	21.55	21.53	21.40	21.7	0.5
20	QPSK	50	24	21.33	21.39	21.44	21.49	21.38		
20	QPSK	50	50	21.41	21.44	21.46	21.47	21.34		
20	QPSK	100	0	21.30	21.39	21.53	21.48	21.52		
20	16QAM	1	0	21.41	21.43	21.41	21.42	21.43	21.7	0.5
20	16QAM	1	49	21.39	21.54	21.55	21.58	21.32		
20	16QAM	1	99	21.46	21.42	21.55	21.54	21.46		
20	16QAM	50	0	20.77	20.92	20.89	20.94	20.90	21.2	1
20	16QAM	50	24	20.91	20.91	20.95	21.00	20.88		
20	16QAM	50	50	20.91	21.01	20.98	20.98	20.87		
20	16QAM	100	0	21.00	20.95	20.91	21.01	20.87		
20	64QAM	1	0	19.98	20.10	20.07	20.20	20.13	21.2	1
20	64QAM	1	49	20.10	20.09	20.16	20.29	20.12		
20	64QAM	1	99	20.19	20.21	20.32	20.18	20.13		
20	64QAM	50	0	19.68	19.84	19.86	20.01	19.83	20.2	2
20	64QAM	50	24	19.84	19.89	19.89	20.01	19.86		
20	64QAM	50	50	19.90	19.94	19.96	19.97	19.83		
20	64QAM	100	0	19.80	19.93	19.93	19.98	19.82		
20	256QAM	1	0	16.53	16.47	16.56	16.47	16.54	17.2	5
20	256QAM	1	49	16.53	16.43	16.56	16.49	16.52		
20	256QAM	1	99	16.52	16.48	16.54	16.46	16.52		
20	256QAM	50	0	16.41	16.33	16.48	16.33	16.36	17.2	5
20	256QAM	50	24	16.40	16.41	16.48	16.33	16.46		
20	256QAM	50	50	16.37	16.40	16.48	16.45	16.45		
20	256QAM	100	0	16.52	16.47	16.59	16.58	16.58		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.77	21.75	21.61	21.82	21.73	22.2	0
15	QPSK	1	37	21.85	21.86	21.91	21.82	21.77		
15	QPSK	1	74	21.80	21.83	21.84	21.86	21.77		
15	QPSK	36	0	21.38	21.41	21.49	21.51	21.26	21.7	0.5
15	QPSK	36	20	21.27	21.38	21.29	21.44	21.25		
15	QPSK	36	39	21.38	21.32	21.34	21.32	21.24		
15	QPSK	75	0	21.27	21.33	21.44	21.47	21.43		
15	16QAM	1	0	21.38	21.28	21.26	21.35	21.38	21.7	0.5
15	16QAM	1	37	21.37	21.53	21.51	21.54	21.24		
15	16QAM	1	74	21.39	21.33	21.41	21.44	21.33		
15	16QAM	36	0	20.67	20.81	20.76	20.85	20.83	21.2	1
15	16QAM	36	20	20.76	20.86	20.81	20.99	20.82		
15	16QAM	36	39	20.79	20.97	20.83	20.88	20.73		
15	16QAM	75	0	20.93	20.88	20.89	20.94	20.83		
15	64QAM	1	0	19.86	20.07	20.01	20.17	20.06	21.2	1
15	64QAM	1	37	20.03	20.08	20.09	20.15	20.00		
15	64QAM	1	74	20.06	20.11	20.29	20.08	20.11		
15	64QAM	36	0	19.67	19.77	19.77	19.92	19.77	20.2	2
15	64QAM	36	20	19.74	19.87	19.83	19.89	19.85		
15	64QAM	36	39	19.82	19.89	19.91	19.93	19.82		
15	64QAM	75	0	19.69	19.88	19.83	19.97	19.69		
15	256QAM	1	0	16.42	16.37	16.49	16.44	16.52	17.2	5
15	256QAM	1	37	16.46	16.34	16.43	16.37	16.43		
15	256QAM	1	74	16.41	16.36	16.41	16.33	16.48		
15	256QAM	36	0	16.37	16.23	16.36	16.27	16.21	17.2	5
15	256QAM	36	20	16.30	16.29	16.34	16.30	16.35		
15	256QAM	36	39	16.36	16.35	16.34	16.44	16.34		
15	256QAM	75	0	16.51	16.46	16.57	16.50	16.54		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.67	21.77	21.74	21.77	21.67	22.2	0
10	QPSK	1	25	21.76	21.86	21.84	21.84	21.71		
10	QPSK	1	49	21.79	21.79	21.77	21.78	21.68		
10	QPSK	25	0	21.41	21.44	21.45	21.42	21.38	21.7	0.5
10	QPSK	25	12	21.30	21.24	21.30	21.47	21.26		
10	QPSK	25	25	21.37	21.37	21.44	21.41	21.25		
10	QPSK	50	0	21.17	21.30	21.51	21.36	21.51		
10	16QAM	1	0	21.40	21.29	21.27	21.41	21.40	21.7	0.5
10	16QAM	1	25	21.33	21.53	21.49	21.55	21.19		
10	16QAM	1	49	21.40	21.36	21.53	21.47	21.37		
10	16QAM	25	0	20.68	20.84	20.88	20.92	20.83	21.2	1
10	16QAM	25	12	20.81	20.81	20.93	20.98	20.87		
10	16QAM	25	25	20.79	20.95	20.95	20.85	20.75		
10	16QAM	50	0	20.96	20.92	20.82	20.98	20.83		
10	64QAM	1	0	19.86	20.05	19.97	20.10	20.12	21.2	1
10	64QAM	1	25	20.04	19.94	20.03	20.26	20.11		
10	64QAM	1	49	20.05	20.19	20.25	20.13	19.98		
10	64QAM	25	0	19.67	19.73	19.82	20.00	19.75	20.2	2
10	64QAM	25	12	19.70	19.82	19.84	19.95	19.76		
10	64QAM	25	25	19.77	19.84	19.87	19.95	19.82		
10	64QAM	50	0	19.70	19.92	19.85	19.89	19.69		
10	256QAM	1	0	16.51	16.32	16.51	16.41	16.43	17.2	5
10	256QAM	1	25	16.44	16.36	16.42	16.35	16.47		
10	256QAM	1	49	16.45	16.38	16.49	16.39	16.41		
10	256QAM	25	0	16.28	16.30	16.38	16.31	16.32	17.2	5
10	256QAM	25	12	16.26	16.27	16.34	16.27	16.35		
10	256QAM	25	25	16.31	16.30	16.33	16.42	16.38		
10	256QAM	50	0	16.49	16.42	16.55	16.53	16.51		
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	21.69	21.79	21.71	21.81	21.72	22.2	0
5	QPSK	1	12	21.86	21.85	21.85	21.84	21.83		
5	QPSK	1	24	21.72	21.87	21.76	21.76	21.76		
5	QPSK	12	0	21.32	21.33	21.54	21.39	21.28	21.7	0.5
5	QPSK	12	7	21.27	21.26	21.32	21.48	21.26		
5	QPSK	12	13	21.35	21.31	21.45	21.38	21.25		
5	QPSK	25	0	21.23	21.36	21.48	21.43	21.51		
5	16QAM	1	0	21.40	21.30	21.28	21.40	21.36	21.7	0.5
5	16QAM	1	12	21.36	21.52	21.42	21.47	21.29		
5	16QAM	1	24	21.43	21.30	21.43	21.39	21.40		
5	16QAM	12	0	20.75	20.83	20.78	20.84	20.88	21.2	1
5	16QAM	12	7	20.86	20.85	20.85	20.93	20.73		
5	16QAM	12	13	20.82	20.98	20.96	20.96	20.86		
5	16QAM	25	0	20.86	20.91	20.84	20.95	20.81		
5	64QAM	1	0	19.95	20.01	19.99	20.09	20.06	21.2	1
5	64QAM	1	12	20.04	19.98	20.01	20.20	20.00		
5	64QAM	1	24	20.11	20.19	20.26	20.17	20.00		
5	64QAM	12	0	19.61	19.70	19.84	19.88	19.78	20.2	2
5	64QAM	12	7	19.71	19.80	19.75	19.94	19.71		
5	64QAM	12	13	19.76	19.80	19.90	19.94	19.79		
5	64QAM	25	0	19.74	19.78	19.85	19.86	19.73		
5	256QAM	1	0	16.45	16.36	16.48	16.39	16.47	17.2	5
5	256QAM	1	12	16.43	16.39	16.55	16.47	16.51		
5	256QAM	1	24	16.50	16.36	16.41	16.43	16.37		
5	256QAM	12	0	16.34	16.18	16.45	16.25	16.23	17.2	5
5	256QAM	12	7	16.34	16.26	16.45	16.20	16.34		
5	256QAM	12	13	16.22	16.31	16.39	16.42	16.30		
5	256QAM	25	0	16.48	16.45	16.55	16.52	16.49		

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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	24.78	24.79	24.85	24.80	24.83	25.2	0
20	QPSK	1	49	24.72	24.64	24.79	24.66	24.77		
20	QPSK	1	99	24.63	24.68	24.70	24.71	24.82		
20	QPSK	50	0	24.41	24.33	24.43	24.39	24.42	24.7	0.5
20	QPSK	50	24	24.19	24.22	24.33	24.29	24.25		
20	QPSK	50	50	24.34	24.29	24.36	24.32	24.33		
20	QPSK	100	0	24.30	24.31	24.40	24.35	24.26		
20	16QAM	1	0	24.58	24.53	24.60	24.46	24.58	24.7	0.5
20	16QAM	1	49	24.33	24.39	24.45	24.38	24.33		
20	16QAM	1	99	24.47	24.41	24.54	24.40	24.40		
20	16QAM	50	0	23.87	23.88	23.98	23.97	23.96	24.2	1
20	16QAM	50	24	23.72	23.83	23.86	23.82	23.72		
20	16QAM	50	50	23.90	23.89	23.93	23.88	23.79		
20	16QAM	100	0	23.81	23.81	23.92	23.91	23.90		
20	64QAM	1	0	23.31	23.43	23.46	23.43	23.35	24.2	1
20	64QAM	1	49	23.24	23.33	23.38	23.29	23.33		
20	64QAM	1	99	23.28	23.27	23.34	23.33	23.27		
20	64QAM	50	0	22.84	22.86	22.88	22.84	22.87	23.2	2
20	64QAM	50	24	22.81	22.73	22.84	22.71	22.82		
20	64QAM	50	50	22.83	22.80	22.86	22.78	22.80		
20	64QAM	100	0	22.75	22.73	22.78	22.75	22.69		
20	256QAM	1	0	19.46	19.49	19.51	19.48	19.42	20.2	5
20	256QAM	1	49	19.54	19.56	19.60	19.48	19.55		
20	256QAM	1	99	19.58	19.64	19.65	19.53	19.51		
20	256QAM	50	0	19.51	19.48	19.62	19.61	19.58	20.2	5
20	256QAM	50	24	19.39	19.50	19.51	19.43	19.38		
20	256QAM	50	50	19.48	19.45	19.52	19.38	19.45		
20	256QAM	100	0	19.55	19.55	19.58	19.50	19.52		
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	24.57	24.67	24.63	24.70	25.2	0
15	QPSK	1	37	24.70	24.64	24.73	24.68	24.82		
15	QPSK	1	74	24.51	24.53	24.69	24.66	24.74		
15	QPSK	36	0	24.28	24.18	24.33	24.36	24.30	24.7	0.5
15	QPSK	36	20	24.15	24.10	24.21	24.14	24.11		
15	QPSK	36	39	24.22	24.17	24.30	24.26	24.31		
15	QPSK	75	0	24.23	24.20	24.29	24.24	24.24		
15	16QAM	1	0	24.50	24.52	24.49	24.41	24.53	24.7	0.5
15	16QAM	1	37	24.29	24.25	24.38	24.35	24.31		
15	16QAM	1	74	24.33	24.28	24.51	24.28	24.35		
15	16QAM	36	0	23.81	23.87	23.96	23.96	23.84	24.2	1
15	16QAM	36	20	23.67	23.70	23.81	23.73	23.70		
15	16QAM	36	39	23.81	23.74	23.82	23.81	23.66		
15	16QAM	75	0	23.71	23.77	23.84	23.76	23.88		
15	64QAM	1	0	23.27	23.35	23.40	23.28	23.32	24.2	1
15	64QAM	1	37	23.23	23.31	23.29	23.20	23.20		
15	64QAM	1	74	23.27	23.18	23.33	23.18	23.18		
15	64QAM	36	0	22.80	22.80	22.85	22.70	22.81	23.2	2
15	64QAM	36	20	22.66	22.62	22.83	22.70	22.71		
15	64QAM	36	39	22.70	22.79	22.75	22.67	22.71		
15	64QAM	75	0	22.63	22.64	22.69	22.67	22.65		
15	256QAM	1	0	19.37	19.47	19.50	19.46	19.35	20.2	5
15	256QAM	1	37	19.45	19.41	19.58	19.42	19.41		
15	256QAM	1	74	19.48	19.60	19.62	19.43	19.41		
15	256QAM	36	0	19.37	19.46	19.52	19.58	19.54	20.2	5
15	256QAM	36	20	19.32	19.38	19.44	19.41	19.33		
15	256QAM	36	39	19.46	19.34	19.44	19.31	19.41		
15	256QAM	75	0	19.43	19.43	19.51	19.44	19.48		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.64	24.63	24.68	24.52	24.67	25.2	0
10	QPSK	1	25	24.74	24.76	24.72	24.71	24.69		
10	QPSK	1	49	24.54	24.56	24.62	24.56	24.79		
10	QPSK	25	0	24.28	24.26	24.32	24.26	24.40	24.7	0.5
10	QPSK	25	12	24.18	24.20	24.23	24.15	24.10		
10	QPSK	25	25	24.20	24.26	24.28	24.18	24.23		
10	QPSK	50	0	24.17	24.21	24.34	24.27	24.15		
10	16QAM	1	0	24.45	24.42	24.58	24.40	24.51	24.7	0.5
10	16QAM	1	25	24.21	24.35	24.41	24.30	24.18		
10	16QAM	1	49	24.40	24.33	24.52	24.30	24.36		
10	16QAM	25	0	23.77	23.78	23.83	23.88	23.84	24.2	1
10	16QAM	25	12	23.60	23.79	23.77	23.67	23.68		
10	16QAM	25	25	23.76	23.87	23.86	23.75	23.64		
10	16QAM	50	0	23.77	23.76	23.82	23.79	23.85		
10	64QAM	1	0	23.30	23.35	23.39	23.35	23.24	24.2	1
10	64QAM	1	25	23.11	23.18	23.24	23.20	23.27		
10	64QAM	1	49	23.13	23.12	23.31	23.22	23.25		
10	64QAM	25	0	22.79	22.78	22.80	22.77	22.86	23.2	2
10	64QAM	25	12	22.72	22.64	22.71	22.69	22.78		
10	64QAM	25	25	22.69	22.79	22.79	22.68	22.71		
10	64QAM	50	0	22.72	22.71	22.71	22.73	22.54		
10	256QAM	1	0	19.45	19.48	19.43	19.36	19.35	20.2	5
10	256QAM	1	25	19.48	19.43	19.47	19.39	19.48		
10	256QAM	1	49	19.50	19.56	19.60	19.39	19.39		
10	256QAM	25	0	19.38	19.41	19.52	19.49	19.44	20.2	5
10	256QAM	25	12	19.34	19.37	19.39	19.35	19.34		
10	256QAM	25	25	19.47	19.41	19.51	19.29	19.38		
10	256QAM	50	0	19.48	19.54	19.46	19.42	19.46		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.64	24.53	24.74	24.55	24.63	25.2	0
5	QPSK	1	12	24.75	24.65	24.84	24.66	24.78		
5	QPSK	1	24	24.61	24.56	24.60	24.70	24.78		
5	QPSK	12	0	24.26	24.23	24.30	24.35	24.30	24.7	0.5
5	QPSK	12	7	24.09	24.13	24.26	24.26	24.21		
5	QPSK	12	13	24.22	24.17	24.27	24.17	24.23		
5	QPSK	25	0	24.26	24.17	24.31	24.26	24.21		
5	16QAM	1	0	24.56	24.51	24.53	24.42	24.51	24.7	0.5
5	16QAM	1	12	24.22	24.29	24.44	24.26	24.29		
5	16QAM	1	24	24.38	24.32	24.49	24.33	24.35		
5	16QAM	12	0	23.79	23.84	23.95	23.91	23.88	24.2	1
5	16QAM	12	7	23.62	23.78	23.80	23.75	23.57		
5	16QAM	12	13	23.80	23.77	23.85	23.78	23.71		
5	16QAM	25	0	23.78	23.72	23.90	23.83	23.84		
5	64QAM	1	0	23.30	23.37	23.34	23.33	23.20	24.2	1
5	64QAM	1	12	23.19	23.32	23.30	23.15	23.29		
5	64QAM	1	24	23.16	23.15	23.29	23.32	23.14		
5	64QAM	12	0	22.71	22.80	22.85	22.79	22.83	23.2	2
5	64QAM	12	7	22.72	22.61	22.71	22.58	22.68		
5	64QAM	12	13	22.75	22.65	22.72	22.68	22.74		
5	64QAM	25	0	22.66	22.71	22.77	22.62	22.54		
5	256QAM	1	0	19.37	19.36	19.40	19.40	19.33	20.2	5
5	256QAM	1	12	19.47	19.50	19.48	19.41	19.52		
5	256QAM	1	24	19.56	19.53	19.52	19.42	19.40		
5	256QAM	12	0	19.36	19.41	19.57	19.60	19.57	20.2	5
5	256QAM	12	7	19.27	19.38	19.39	19.42	19.25		
5	256QAM	12	13	19.43	19.30	19.50	19.33	19.32		
5	256QAM	25	0	19.40	19.50	19.57	19.47	19.40		

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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	17.60	18.05	18.10	18.08	18.03	18.8	0
20	QPSK	1	49	17.55	18.01	18.06	18.04	18.00		
20	QPSK	1	99	17.51	17.96	17.95	17.95	17.99		
20	QPSK	50	0	17.13	17.51	17.56	17.53	17.50	18.3	0.5
20	QPSK	50	24	16.98	17.44	17.46	17.45	17.34		
20	QPSK	50	50	16.96	17.48	17.49	17.48	17.47		
20	QPSK	100	0	16.96	17.45	17.51	17.42	17.41		
20	16QAM	1	0	17.17	17.56	17.60	17.49	17.55	18.3	0.5
20	16QAM	1	49	17.07	17.42	17.50	17.45	17.49		
20	16QAM	1	99	17.02	17.33	17.47	17.41	17.36		
20	16QAM	50	0	16.60	17.09	17.10	17.01	17.07	17.8	1
20	16QAM	50	24	16.55	16.93	17.08	17.05	17.07		
20	16QAM	50	50	16.55	16.94	16.96	16.83	16.93		
20	16QAM	100	0	16.47	16.89	16.97	16.93	16.87		
20	64QAM	1	0	15.99	16.31	16.38	16.34	16.27	17.8	1
20	64QAM	1	49	15.95	16.21	16.32	16.31	16.30		
20	64QAM	1	99	15.98	16.25	16.26	16.22	16.16		
20	64QAM	50	0	15.60	15.95	16.08	16.02	16.07	16.8	2
20	64QAM	50	24	15.50	15.87	15.93	15.78	15.91		
20	64QAM	50	50	15.49	15.96	15.99	15.94	15.95		
20	64QAM	100	0	15.50	15.87	15.98	15.97	15.86		
20	256QAM	1	0	12.55	12.85	12.96	12.86	12.89	13.8	5
20	256QAM	1	49	12.46	12.79	12.89	12.84	12.86		
20	256QAM	1	99	12.34	12.72	12.85	12.75	12.78		
20	256QAM	50	0	12.37	12.72	12.82	12.78	12.68	13.8	5
20	256QAM	50	24	12.41	12.82	12.89	12.83	12.81		
20	256QAM	50	50	12.40	12.81	12.87	12.79	12.76		
20	256QAM	100	0	12.46	12.85	12.87	12.82	12.73		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.45	17.97	18.04	17.89	17.94	18.8	0
15	QPSK	1	37	17.49	17.90	17.95	18.03	17.89		
15	QPSK	1	74	17.37	17.93	17.94	17.93	17.97		
15	QPSK	36	0	17.08	17.47	17.50	17.49	17.49	18.3	0.5
15	QPSK	36	20	16.85	17.35	17.41	17.34	17.28		
15	QPSK	36	39	16.93	17.43	17.44	17.35	17.34		
15	QPSK	75	0	16.91	17.34	17.38	17.30	17.31		
15	16QAM	1	0	17.12	17.50	17.58	17.35	17.40	18.3	0.5
15	16QAM	1	37	17.05	17.36	17.35	17.40	17.48		
15	16QAM	1	74	16.96	17.27	17.32	17.27	17.34		
15	16QAM	36	0	16.51	17.08	17.01	16.87	17.01	17.8	1
15	16QAM	36	20	16.40	16.82	16.95	16.95	16.94		
15	16QAM	36	39	16.43	16.91	16.88	16.75	16.86		
15	16QAM	75	0	16.32	16.87	16.85	16.84	16.80		
15	64QAM	1	0	15.87	16.28	16.36	16.22	16.23	17.8	1
15	64QAM	1	37	15.88	16.17	16.19	16.21	16.23		
15	64QAM	1	74	15.94	16.19	16.14	16.14	16.05		
15	64QAM	36	0	15.48	15.84	16.06	15.90	16.03	16.8	2
15	64QAM	36	20	15.47	15.84	15.89	15.72	15.78		
15	64QAM	36	39	15.34	15.94	15.94	15.87	15.87		
15	64QAM	75	0	15.45	15.75	15.94	15.96	15.71		
15	256QAM	1	0	12.48	12.76	12.84	12.73	12.74	13.8	5
15	256QAM	1	37	12.38	12.65	12.86	12.76	12.84		
15	256QAM	1	74	12.21	12.68	12.80	12.65	12.71		
15	256QAM	36	0	12.31	12.58	12.80	12.64	12.62	13.8	5
15	256QAM	36	20	12.27	12.77	12.88	12.69	12.77		
15	256QAM	36	39	12.37	12.70	12.80	12.68	12.74		
15	256QAM	75	0	12.45	12.79	12.73	12.78	12.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.48	17.97	17.92	17.98	17.88	18.8	0
10	QPSK	1	25	17.52	17.95	17.95	17.93	17.97		
10	QPSK	1	49	17.38	17.93	17.84	17.86	17.98		
10	QPSK	25	0	17.11	17.45	17.54	17.52	17.44	18.3	0.5
10	QPSK	25	12	16.86	17.29	17.36	17.35	17.31		
10	QPSK	25	25	16.87	17.41	17.46	17.42	17.37		
10	QPSK	50	0	16.91	17.35	17.45	17.29	17.36		
10	16QAM	1	0	17.06	17.44	17.49	17.39	17.46	18.3	0.5
10	16QAM	1	25	16.96	17.40	17.48	17.41	17.36		
10	16QAM	1	49	16.92	17.26	17.44	17.32	17.25		
10	16QAM	25	0	16.50	16.96	16.95	16.86	16.97	17.8	1
10	16QAM	25	12	16.41	16.87	17.00	16.94	16.94		
10	16QAM	25	25	16.41	16.91	16.94	16.79	16.91		
10	16QAM	50	0	16.38	16.79	16.83	16.79	16.84		
10	64QAM	1	0	15.95	16.21	16.31	16.33	16.21	17.8	1
10	64QAM	1	25	15.89	16.17	16.29	16.27	16.17		
10	64QAM	1	49	15.87	16.11	16.15	16.10	16.04		
10	64QAM	25	0	15.49	15.91	16.06	16.00	15.93	16.8	2
10	64QAM	25	12	15.36	15.78	15.89	15.72	15.76		
10	64QAM	25	25	15.42	15.85	15.87	15.93	15.91		
10	64QAM	50	0	15.43	15.76	15.87	15.82	15.82		
10	256QAM	1	0	12.44	12.81	12.83	12.80	12.74	13.8	5
10	256QAM	1	25	12.37	12.74	12.78	12.83	12.72		
10	256QAM	1	49	12.32	12.58	12.83	12.71	12.69		
10	256QAM	25	0	12.36	12.62	12.78	12.75	12.57	13.8	5
10	256QAM	25	12	12.31	12.77	12.86	12.69	12.70		
10	256QAM	25	25	12.32	12.70	12.78	12.70	12.73		
10	256QAM	50	0	12.38	12.74	12.74	12.76	12.64		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.54	17.95	18.01	17.93	17.91	18.8	0
5	QPSK	1	12	17.56	17.93	18.02	17.96	17.88		
5	QPSK	1	24	17.47	17.88	17.94	17.90	17.86		
5	QPSK	12	0	16.99	17.47	17.42	17.50	17.49	18.3	0.5
5	QPSK	12	7	16.86	17.41	17.43	17.44	17.32		
5	QPSK	12	13	16.82	17.36	17.40	17.42	17.43		
5	QPSK	25	0	16.83	17.41	17.41	17.28	17.31		
5	16QAM	1	0	17.10	17.54	17.49	17.46	17.42	18.3	0.5
5	16QAM	1	12	17.05	17.30	17.44	17.37	17.34		
5	16QAM	1	24	16.99	17.28	17.41	17.37	17.21		
5	16QAM	12	0	16.48	17.08	17.02	16.99	16.98	17.8	1
5	16QAM	12	7	16.43	16.79	16.94	16.93	16.99		
5	16QAM	12	13	16.54	16.88	16.81	16.71	16.90		
5	16QAM	25	0	16.42	16.76	16.91	16.88	16.78		
5	64QAM	1	0	15.84	16.26	16.36	16.23	16.22	17.8	1
5	64QAM	1	12	15.87	16.09	16.30	16.29	16.15		
5	64QAM	1	24	15.96	16.22	16.14	16.21	16.11		
5	64QAM	12	0	15.54	15.92	15.99	15.93	15.99	16.8	2
5	64QAM	12	7	15.45	15.84	15.81	15.73	15.89		
5	64QAM	12	13	15.47	15.85	15.92	15.82	15.89		
5	64QAM	25	0	15.36	15.80	15.91	15.84	15.75		
5	256QAM	1	0	12.52	12.83	12.84	12.80	12.75	13.8	5
5	256QAM	1	12	12.31	12.72	12.79	12.82	12.74		
5	256QAM	1	24	12.27	12.68	12.84	12.68	12.75		
5	256QAM	12	0	12.30	12.71	12.80	12.74	12.54	13.8	5
5	256QAM	12	7	12.31	12.76	12.77	12.72	12.71		
5	256QAM	12	13	12.31	12.70	12.72	12.68	12.64		
5	256QAM	25	0	12.34	12.81	12.76	12.78	12.68		

Band 41(HPUE)_Ant 7

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	20.80	21.18	21.20	21.15	21.10	21.8	0
20	QPSK	1	49	20.79	21.17	21.16	21.14	21.06		
20	QPSK	1	99	20.79	21.12	21.15	21.11	21.09		
20	QPSK	50	0	20.20	20.50	20.60	20.55	20.54	21.3	0.5
20	QPSK	50	24	20.12	20.39	20.52	20.48	20.43		
20	QPSK	50	50	20.15	20.44	20.58	20.51	20.43		
20	QPSK	100	0	20.16	20.58	20.59	20.49	20.49		
20	16QAM	1	0	20.34	20.83	20.85	20.76	20.71	21.3	0.5
20	16QAM	1	49	20.25	20.71	20.75	20.65	20.60		
20	16QAM	1	99	20.23	20.64	20.73	20.59	20.66		
20	16QAM	50	0	19.57	20.00	20.12	20.09	20.02	20.8	1
20	16QAM	50	24	19.46	19.94	19.97	19.89	19.91		
20	16QAM	50	50	19.51	20.00	20.05	20.03	20.04		
20	16QAM	100	0	19.50	19.93	19.97	19.83	19.86		
20	64QAM	1	0	19.24	19.68	19.71	19.57	19.70	20.8	1
20	64QAM	1	49	19.21	19.57	19.63	19.50	19.48		
20	64QAM	1	99	19.22	19.53	19.65	19.59	19.53		
20	64QAM	50	0	18.56	19.01	19.10	19.06	18.97	19.8	2
20	64QAM	50	24	18.60	18.89	18.97	18.94	18.95		
20	64QAM	50	50	18.56	18.86	18.97	18.88	18.89		
20	64QAM	100	0	18.59	19.03	19.09	19.04	19.00		
20	256QAM	1	0	15.53	15.88	16.00	15.95	15.99	16.8	5
20	256QAM	1	49	15.48	15.88	15.92	15.88	15.87		
20	256QAM	1	99	15.49	15.82	15.93	15.87	15.85		
20	256QAM	50	0	15.50	15.82	15.94	15.89	15.84	16.8	5
20	256QAM	50	24	15.55	15.85	15.96	15.92	15.93		
20	256QAM	50	50	15.47	15.82	15.92	15.80	15.82		
20	256QAM	100	0	15.47	15.80	15.92	15.80	15.88		
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	20.65	21.03	21.06	21.07	20.96	21.8	0
15	QPSK	1	37	20.65	21.14	21.16	21.09	20.99		
15	QPSK	1	74	20.76	21.01	21.03	21.08	21.04		
15	QPSK	36	0	20.05	20.41	20.51	20.50	20.44	21.3	0.5
15	QPSK	36	20	20.08	20.31	20.38	20.33	20.35		
15	QPSK	36	39	20.12	20.32	20.57	20.38	20.34		
15	QPSK	75	0	20.01	20.57	20.53	20.38	20.48		
15	16QAM	1	0	20.20	20.74	20.80	20.71	20.61	21.3	0.5
15	16QAM	1	37	20.23	20.61	20.71	20.54	20.58		
15	16QAM	1	74	20.14	20.52	20.66	20.44	20.53		
15	16QAM	36	0	19.50	19.85	19.98	20.05	19.92	20.8	1
15	16QAM	36	20	19.39	19.81	19.96	19.77	19.79		
15	16QAM	36	39	19.43	19.90	19.94	20.01	19.95		
15	16QAM	75	0	19.38	19.87	19.83	19.70	19.84		
15	64QAM	1	0	19.10	19.55	19.68	19.53	19.68	20.8	1
15	64QAM	1	37	19.13	19.51	19.60	19.42	19.37		
15	64QAM	1	74	19.21	19.51	19.64	19.45	19.42		
15	64QAM	36	0	18.51	18.93	18.99	18.93	18.83	19.8	2
15	64QAM	36	20	18.49	18.79	18.92	18.83	18.80		
15	64QAM	36	39	18.46	18.79	18.82	18.74	18.78		
15	64QAM	75	0	18.51	18.95	19.08	18.91	18.92		
15	256QAM	1	0	15.39	15.77	15.93	15.87	15.85	16.8	5
15	256QAM	1	37	15.45	15.81	15.89	15.85	15.79		
15	256QAM	1	74	15.40	15.69	15.82	15.79	15.73		
15	256QAM	36	0	15.38	15.79	15.92	15.78	15.74	16.8	5
15	256QAM	36	20	15.49	15.76	15.92	15.82	15.80		
15	256QAM	36	39	15.36	15.70	15.80	15.74	15.74		
15	256QAM	75	0	15.46	15.78	15.82	15.72	15.82		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.77	21.04	21.11	21.10	20.99	21.8	0
10	QPSK	1	25	20.75	21.16	21.07	21.01	21.01		
10	QPSK	1	49	20.75	21.10	21.06	21.05	21.01		
10	QPSK	25	0	20.07	20.45	20.49	20.52	20.50	21.3	0.5
10	QPSK	25	12	20.11	20.36	20.42	20.39	20.39		
10	QPSK	25	25	20.04	20.38	20.57	20.40	20.29		
10	QPSK	50	0	20.03	20.51	20.46	20.37	20.46		
10	16QAM	1	0	20.27	20.82	20.73	20.68	20.58	21.3	0.5
10	16QAM	1	25	20.11	20.64	20.72	20.64	20.51		
10	16QAM	1	49	20.19	20.52	20.63	20.51	20.63		
10	16QAM	25	0	19.54	19.89	20.06	20.04	19.96	20.8	1
10	16QAM	25	12	19.41	19.79	19.94	19.82	19.87		
10	16QAM	25	25	19.36	19.87	20.03	19.99	19.89		
10	16QAM	50	0	19.42	19.78	19.96	19.82	19.80		
10	64QAM	1	0	19.10	19.65	19.69	19.47	19.55	20.8	1
10	64QAM	1	25	19.19	19.47	19.57	19.46	19.34		
10	64QAM	1	49	19.10	19.50	19.60	19.49	19.42		
10	64QAM	25	0	18.55	18.93	18.96	18.91	18.82	19.8	2
10	64QAM	25	12	18.55	18.75	18.88	18.93	18.94		
10	64QAM	25	25	18.45	18.81	18.94	18.78	18.85		
10	64QAM	50	0	18.49	18.89	19.04	19.01	18.88		
10	256QAM	1	0	15.49	15.77	15.92	15.91	15.87	16.8	5
10	256QAM	1	25	15.41	15.76	15.77	15.73	15.79		
10	256QAM	1	49	15.40	15.74	15.87	15.74	15.79		
10	256QAM	25	0	15.49	15.77	15.93	15.87	15.72	16.8	5
10	256QAM	25	12	15.45	15.73	15.86	15.86	15.82		
10	256QAM	25	25	15.45	15.76	15.91	15.77	15.79		
10	256QAM	50	0	15.46	15.74	15.82	15.73	15.87		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.69	21.04	21.05	21.00	20.97	21.8	0
5	QPSK	1	12	20.78	21.14	21.05	21.05	20.99		
5	QPSK	1	24	20.65	21.10	21.05	21.02	20.99		
5	QPSK	12	0	20.07	20.47	20.53	20.48	20.44	21.3	0.5
5	QPSK	12	7	20.00	20.35	20.49	20.41	20.33		
5	QPSK	12	13	20.04	20.36	20.49	20.47	20.34		
5	QPSK	25	0	20.05	20.51	20.58	20.42	20.38		
5	16QAM	1	0	20.25	20.77	20.72	20.74	20.59	21.3	0.5
5	16QAM	1	12	20.10	20.65	20.74	20.51	20.58		
5	16QAM	1	24	20.15	20.52	20.64	20.53	20.54		
5	16QAM	12	0	19.44	19.86	20.00	19.94	19.89	20.8	1
5	16QAM	12	7	19.41	19.89	19.85	19.76	19.83		
5	16QAM	12	13	19.48	19.85	19.94	19.99	19.92		
5	16QAM	25	0	19.41	19.82	19.92	19.80	19.84		
5	64QAM	1	0	19.22	19.60	19.68	19.45	19.58	20.8	1
5	64QAM	1	12	19.15	19.44	19.55	19.39	19.45		
5	64QAM	1	24	19.07	19.38	19.56	19.58	19.44		
5	64QAM	12	0	18.44	18.95	18.98	18.92	18.88	19.8	2
5	64QAM	12	7	18.54	18.86	18.85	18.87	18.89		
5	64QAM	12	13	18.49	18.75	18.91	18.79	18.81		
5	64QAM	25	0	18.57	18.96	18.96	18.93	18.95		
5	256QAM	1	0	15.52	15.74	15.98	15.88	15.95	16.8	5
5	256QAM	1	12	15.44	15.87	15.85	15.83	15.84		
5	256QAM	1	24	15.43	15.74	15.91	15.81	15.71		
5	256QAM	12	0	15.35	15.79	15.90	15.80	15.76	16.8	5
5	256QAM	12	7	15.46	15.74	15.81	15.89	15.78		
5	256QAM	12	13	15.44	15.75	15.86	15.69	15.78		
5	256QAM	25	0	15.40	15.69	15.87	15.76	15.86		

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.70	31.80	31.76	32.60	22.70	22.80	22.76	23.60
GPRS/EDGE(GMSK) 1 Tx slot	31.67	31.78	31.64	32.60	22.67	22.78	22.64	23.60
GPRS/EDGE(GMSK) 2 Tx slots	29.23	29.26	29.15	30.10	23.23	23.26	23.15	24.10
GPRS/EDGE(GMSK) 3 Tx slots	27.49	27.53	27.46	28.60	23.23	23.27	23.20	24.34
GPRS/EDGE(GMSK) 4 Tx slots	26.19	26.24	26.21	27.10	23.19	23.24	23.21	24.10
EDGE 1 Tx slot	26.28	26.30	26.35	26.80	17.28	17.30	17.35	17.80
EDGE 2 Tx slot	25.20	25.25	25.18	25.60	19.20	19.25	19.18	19.60
EDGE 3 Tx slot	23.00	23.03	22.98	23.60	18.74	18.77	18.72	19.34
EDGE 4 Tx slot	21.43	21.45	21.37	22.10	18.43	18.45	18.37	19.10

Reduced Power Mode for ECI 3

GSM850_Ant1	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	32.16	32.17	32.05	33.50	23.16	23.17	23.05	24.50
GPRS/EDGE(GMSK) 1 Tx slot	32.12	32.15	32.01	33.50	23.12	23.15	23.01	24.50
GPRS/EDGE(GMSK) 2 Tx slots	29.59	29.70	29.65	31.00	23.59	23.70	23.65	25.00
GPRS/EDGE(GMSK) 3 Tx slots	28.01	28.13	28.05	29.50	23.75	23.87	23.79	25.24
GPRS/EDGE(GMSK) 4 Tx slots	26.94	27.08	26.97	28.00	23.94	24.08	23.97	25.00
EDGE 1 Tx slot	26.17	26.30	26.29	27.20	17.17	17.30	17.29	18.20
EDGE 2 Tx slot	25.00	25.12	25.00	26.00	19.00	19.12	19.00	20.00
EDGE 3 Tx slot	22.95	22.96	22.88	24.00	18.69	18.70	18.62	19.74
EDGE 4 Tx slot	21.23	21.35	21.26	22.50	18.23	18.35	18.26	19.50

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	29.80	29.83	29.85	30.50	20.80	20.83	20.85	21.50
GPRS/EDGE(GMSK) 1 Tx slot	29.78	29.80	29.78	30.50	20.78	20.80	20.78	21.50
GPRS/EDGE(GMSK) 2 Tx slots	27.27	27.42	27.31	28.50	21.27	21.42	21.31	22.50
GPRS/EDGE(GMSK) 3 Tx slots	25.77	25.83	25.73	26.50	21.51	21.57	21.47	22.24
GPRS/EDGE(GMSK) 4 Tx slots	24.61	24.65	24.53	25.00	21.61	21.65	21.53	22.00
EDGE 1 Tx slot	25.64	25.70	25.56	26.50	16.64	16.70	16.56	17.50
EDGE 2 Tx slot	23.83	23.85	23.82	24.50	17.83	17.85	17.82	18.50
EDGE 3 Tx slot	21.62	21.70	21.57	22.50	17.36	17.44	17.31	18.24
EDGE 4 Tx slot	20.62	20.69	20.65	21.50	17.62	17.69	17.65	18.50

GSM1900_Ant 6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.43	29.48	29.42	29.70	20.43	20.48	20.42	20.70
GPRS/EDGE(GMSK) 1 Tx slot	29.41	29.45	29.39	29.70	20.41	20.45	20.39	20.70
GPRS/EDGE(GMSK) 2 Tx slots	26.90	26.95	26.88	27.70	20.90	20.95	20.88	21.70
GPRS/EDGE(GMSK) 3 Tx slots	25.28	25.33	25.30	25.70	21.02	21.07	21.04	21.44
GPRS/EDGE(GMSK) 4 Tx slots	24.15	24.19	24.12	24.20	21.15	21.19	21.12	21.20
EDGE 1 Tx slot	25.31	25.48	25.39	25.70	16.31	16.48	16.39	16.70
EDGE 2 Tx slot	23.23	23.46	23.37	23.70	17.23	17.46	17.37	17.70
EDGE 3 Tx slot	21.09	21.30	21.20	21.70	16.83	17.04	16.94	17.44
EDGE 4 Tx slot	20.31	20.50	20.48	20.70	17.31	17.50	17.48	17.70

Band		WCDMA II_Ant 5			Tune-up Limit (dBm)	WCDMA II_Ant 6			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	18.93	18.99	18.96	19.80	20.29	20.34	20.29	20.90
3GPP Rel 99	RMC 12.2Kbps	19.00	19.05	19.02	19.80	20.36	20.40	20.33	20.90
3GPP Rel 6	HSDPA Subtest-1	18.92	18.98	18.99	19.80	20.21	20.34	20.28	20.90
3GPP Rel 6	HSDPA Subtest-2	18.91	18.92	18.91	19.80	20.30	20.36	20.21	20.90
3GPP Rel 6	HSDPA Subtest-3	18.85	18.95	18.90	19.80	20.26	20.33	20.18	20.90
3GPP Rel 6	HSDPA Subtest-4	18.95	18.95	18.97	19.80	20.28	20.30	20.24	20.90
3GPP Rel 8	DC-HSDPA Subtest-1	18.97	18.99	18.96	19.80	20.26	20.31	20.20	20.90
3GPP Rel 8	DC-HSDPA Subtest-2	18.98	18.97	18.88	19.80	20.31	20.26	20.28	20.90
3GPP Rel 8	DC-HSDPA Subtest-3	18.90	19.02	18.87	19.80	20.23	20.32	20.26	20.90
3GPP Rel 8	DC-HSDPA Subtest-4	18.94	18.91	18.87	19.80	20.21	20.33	20.19	20.90
3GPP Rel 6	HSUPA Subtest-1	18.88	18.95	18.93	19.80	20.26	20.28	20.26	20.90
3GPP Rel 6	HSUPA Subtest-2	18.90	18.92	18.95	19.80	20.32	20.25	20.32	20.90
3GPP Rel 6	HSUPA Subtest-3	18.97	19.03	18.91	19.80	20.35	20.38	20.25	20.90
3GPP Rel 6	HSUPA Subtest-4	18.90	19.00	18.93	19.80	20.27	20.31	20.26	20.90
3GPP Rel 6	HSUPA Subtest-5	18.87	19.04	19.01	19.80	20.34	20.25	20.31	20.90
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.94	18.98	19.00	19.80	20.30	20.36	20.27	20.90

Band		WCDMA IV_Ant5			Tune-up Limit (dBm)	WCDMA IV_Ant6			Tune-up Limit (dBm)	WCDMA IV_Ant11			Tune-up Limit (dBm)	WCDMA IV_Ant7			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.08	20.08	20.07	20.80	19.86	19.85	19.85	20.40	20.09	20.11	20.15	20.80	19.34	19.33	19.21	20.10
3GPP Rel 99	RMC 12.2Kbps	20.16	20.20	20.15	20.80	19.95	19.98	19.90	20.40	20.15	20.22	20.20	20.80	19.36	19.42	19.34	20.10
3GPP Rel 6	HSDPA Subtest-1	20.01	20.06	20.07	20.80	19.84	19.95	19.76	20.40	20.12	20.07	20.07	20.80	19.30	19.37	19.28	20.10
3GPP Rel 6	HSDPA Subtest-2	20.11	20.13	20.04	20.80	19.89	19.86	19.78	20.40	20.00	20.09	20.08	20.80	19.21	19.37	19.25	20.10
3GPP Rel 6	HSDPA Subtest-3	20.06	20.07	20.03	20.80	19.83	19.85	19.85	20.40	20.03	20.07	20.10	20.80	19.27	19.34	19.30	20.10
3GPP Rel 6	HSDPA Subtest-4	20.13	20.13	20.02	20.80	19.83	19.95	19.81	20.40	20.10	20.18	20.12	20.80	19.28	19.27	19.30	20.10
3GPP Rel 8	DC-HSDPA Subtest-1	20.15	20.19	20.03	20.80	19.83	19.96	19.77	20.40	20.04	20.09	20.10	20.80	19.25	19.38	19.31	20.10
3GPP Rel 8	DC-HSDPA Subtest-2	20.07	20.08	20.03	20.80	19.91	19.95	19.85	20.40	20.08	20.07	20.05	20.80	19.30	19.34	19.21	20.10
3GPP Rel 8	DC-HSDPA Subtest-3	20.09	20.09	20.10	20.80	19.89	19.83	19.85	20.40	20.04	20.10	20.11	20.80	19.28	19.28	19.32	20.10
3GPP Rel 8	DC-HSDPA Subtest-4	20.14	20.08	20.03	20.80	19.82	19.83	19.76	20.40	20.00	20.13	20.06	20.80	19.36	19.32	19.18	20.10
3GPP Rel 6	HSUPA Subtest-1	20.15	20.12	20.09	20.80	19.85	19.97	19.81	20.40	20.13	20.14	20.13	20.80	19.03	18.83	18.86	19.60
3GPP Rel 6	HSUPA Subtest-2	20.06	20.09	20.14	20.80	19.87	19.93	19.83	20.40	20.08	20.08	20.06	20.80	19.00	18.90	18.84	19.60
3GPP Rel 6	HSUPA Subtest-3	20.06	20.11	20.10	20.80	19.89	19.83	19.86	20.40	20.14	20.16	20.06	20.80	18.82	18.89	18.86	19.60
3GPP Rel 6	HSUPA Subtest-4	20.15	20.05	20.13	20.80	19.83	19.89	19.77	20.40	20.00	20.18	20.07	20.80	18.50	18.38	18.44	19.10
3GPP Rel 6	HSUPA Subtest-5	20.14	20.07	20.07	20.80	19.81	19.92	19.82	20.40	20.06	20.10	20.11	20.80	19.21	19.28	19.30	20.10
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.14	20.09	20.00	20.80	19.83	19.85	19.82	20.40	20.07	20.10	20.09	20.80	18.84	18.92	18.91	20.10

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	22.18	22.37	22.32	22.90	24.20	24.23	24.25	24.80
3GPP Rel 99	RMC 12.2Kbps	22.33	22.40	22.36	22.90	24.24	24.28	24.27	24.80
3GPP Rel 6	HSDPA Subtest-1	22.18	22.31	22.30	22.90	23.30	23.24	23.33	23.80
3GPP Rel 6	HSDPA Subtest-2	22.29	22.31	22.28	22.90	23.29	23.26	23.29	23.80
3GPP Rel 6	HSDPA Subtest-3	22.21	22.27	22.29	22.90	22.83	22.80	22.89	23.30
3GPP Rel 6	HSDPA Subtest-4	22.33	22.35	22.34	22.90	22.81	22.73	22.85	23.30
3GPP Rel 8	DC-HSDPA Subtest-1	22.27	22.32	22.23	22.90	23.26	23.22	23.26	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	22.23	22.31	22.21	22.90	23.18	23.19	23.19	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	22.25	22.30	22.28	22.90	22.72	22.75	22.77	23.30
3GPP Rel 8	DC-HSDPA Subtest-4	22.25	22.31	22.30	22.90	22.73	22.67	22.73	23.30
3GPP Rel 6	HSUPA Subtest-1	21.84	21.82	21.86	22.40	22.25	22.26	22.29	22.80
3GPP Rel 6	HSUPA Subtest-2	21.83	21.83	21.85	22.40	22.28	22.28	22.28	22.80
3GPP Rel 6	HSUPA Subtest-3	21.84	21.84	21.86	22.40	22.29	22.27	22.28	22.80
3GPP Rel 6	HSUPA Subtest-4	21.38	21.34	21.36	21.90	21.81	21.73	21.83	22.30
3GPP Rel 6	HSUPA Subtest-5	22.26	22.37	22.30	22.90	23.30	23.30	23.30	23.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.75	21.86	21.84	22.90	22.25	22.31	22.21	23.80

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	19.11	19.15	19.09	19.8	0
20	QPSK	1	49	18.98	19.02	19.02		
20	QPSK	1	99	19.02	19.08	19.05		
20	QPSK	50	0	19.06	19.13	19.08	19.8	0
20	QPSK	50	24	18.98	19.10	18.99		
20	QPSK	50	50	19.04	19.02	19.05		
20	QPSK	100	0	19.02	19.10	19.00		
20	16QAM	1	0	19.09	19.08	19.08	19.8	0
20	16QAM	1	49	19.09	19.00	18.95		
20	16QAM	1	99	19.07	19.14	18.97		
20	16QAM	50	0	19.09	19.01	18.95	19.8	0
20	16QAM	50	24	19.00	19.07	18.95		
20	16QAM	50	50	19.08	19.13	18.96		
20	16QAM	100	0	19.08	19.14	19.04		
20	64QAM	1	0	19.08	19.11	19.03	19.8	0
20	64QAM	1	49	18.96	19.08	18.96		
20	64QAM	1	99	18.97	19.13	19.06		
20	64QAM	50	0	19.05	19.03	18.97	19.8	0
20	64QAM	50	24	19.00	19.12	18.96		
20	64QAM	50	50	19.00	19.12	19.04		
20	64QAM	100	0	19.06	19.09	18.94		
20	256QAM	1	0	17.21	17.35	17.20	18.8	1
20	256QAM	1	49	17.26	17.31	17.28		
20	256QAM	1	99	17.18	17.32	17.21		
20	256QAM	50	0	17.16	17.21	17.19	18.8	1
20	256QAM	50	24	17.09	17.24	17.22		
20	256QAM	50	50	17.20	17.25	17.21		
20	256QAM	100	0	17.19	17.27	17.17		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.09	19.05	19.04	19.8	0
15	QPSK	1	37	18.84	18.87	18.98		
15	QPSK	1	74	18.93	19.04	18.99		
15	QPSK	36	0	18.91	19.01	19.04	19.8	0
15	QPSK	36	20	18.87	19.07	18.97		
15	QPSK	36	39	18.93	18.99	18.93		
15	QPSK	75	0	18.95	19.06	18.92		
15	16QAM	1	0	18.99	18.96	19.02	19.8	0
15	16QAM	1	37	19.05	18.86	18.82		
15	16QAM	1	74	18.94	19.00	18.88		
15	16QAM	36	0	18.98	18.88	18.80	19.8	0
15	16QAM	36	20	18.90	19.00	18.94		
15	16QAM	36	39	18.97	19.09	18.92		
15	16QAM	75	0	19.06	19.08	18.93		
15	64QAM	1	0	18.97	19.04	18.98	19.8	0
15	64QAM	1	37	18.84	18.95	18.84		
15	64QAM	1	74	18.91	19.08	18.92		
15	64QAM	36	0	18.90	18.88	18.87	19.8	0
15	64QAM	36	20	18.96	19.01	18.92		
15	64QAM	36	39	18.94	18.99	18.92		
15	64QAM	75	0	18.93	18.99	18.81		
15	256QAM	1	0	17.18	17.34	17.18	18.8	1
15	256QAM	1	37	17.17	17.27	17.20		
15	256QAM	1	74	17.16	17.23	17.14		
15	256QAM	36	0	17.05	17.14	17.04	18.8	1
15	256QAM	36	20	17.05	17.14	17.07		
15	256QAM	36	39	17.10	17.13	17.16		
15	256QAM	75	0	17.08	17.25	17.05		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.08	19.03	18.95	19.8	0
10	QPSK	1	25	18.84	18.94	19.00		
10	QPSK	1	49	19.01	18.93	19.00		
10	QPSK	25	0	19.02	19.07	19.02	19.8	0
10	QPSK	25	12	18.92	19.07	18.97		
10	QPSK	25	25	18.94	18.89	18.99		
10	QPSK	50	0	18.88	18.96	18.89		
10	16QAM	1	0	19.02	18.96	18.99	19.8	0
10	16QAM	1	25	19.04	18.85	18.86		
10	16QAM	1	49	18.97	19.04	18.93		
10	16QAM	25	0	18.97	18.93	18.84	19.8	0
10	16QAM	25	12	18.86	18.99	18.86		
10	16QAM	25	25	19.03	19.07	18.87		
10	16QAM	50	0	19.05	19.12	18.89		
10	64QAM	1	0	19.04	19.08	19.02	19.8	0
10	64QAM	1	25	18.95	18.93	18.81		
10	64QAM	1	49	18.83	19.03	18.95		
10	64QAM	25	0	19.03	18.99	18.93	19.8	0
10	64QAM	25	12	18.95	19.04	18.95		
10	64QAM	25	25	18.87	19.03	18.92		
10	64QAM	50	0	19.01	18.97	18.85		
10	256QAM	1	0	17.20	17.30	17.19	18.8	1
10	256QAM	1	25	17.20	17.19	17.22		
10	256QAM	1	49	17.11	17.21	17.10		
10	256QAM	25	0	17.12	17.15	17.12	18.8	1
10	256QAM	25	12	16.98	17.09	17.20		
10	256QAM	25	25	17.09	17.16	17.15		
10	256QAM	50	0	17.13	17.23	17.12		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.07	19.00	19.08	19.8	0
5	QPSK	1	12	18.92	19.00	18.97		
5	QPSK	1	24	18.99	18.95	18.99		
5	QPSK	12	0	18.98	19.02	19.07	19.8	0
5	QPSK	12	7	18.84	19.06	18.84		
5	QPSK	12	13	18.95	19.01	18.91		
5	QPSK	25	0	18.92	19.08	18.86		
5	16QAM	1	0	19.06	19.06	19.05	19.8	0
5	16QAM	1	12	19.00	18.87	18.90		
5	16QAM	1	24	18.99	19.12	18.91		
5	16QAM	12	0	19.00	18.89	18.88	19.8	0
5	16QAM	12	7	18.89	19.06	18.83		
5	16QAM	12	13	19.02	19.04	18.87		
5	16QAM	25	0	18.93	19.02	18.97		
5	64QAM	1	0	19.04	19.09	18.91	19.8	0
5	64QAM	1	12	18.84	19.07	18.94		
5	64QAM	1	24	18.88	19.10	18.93		
5	64QAM	12	0	19.03	18.94	18.93	19.8	0
5	64QAM	12	7	18.90	19.09	18.90		
5	64QAM	12	13	18.86	19.02	19.00		
5	64QAM	25	0	19.04	18.96	18.80		
5	256QAM	1	0	17.08	17.27	17.12	18.8	1
5	256QAM	1	12	17.17	17.19	17.20		
5	256QAM	1	24	17.13	17.30	17.19		
5	256QAM	12	0	17.12	17.14	17.06	18.8	1
5	256QAM	12	7	17.06	17.20	17.14		
5	256QAM	12	13	17.16	17.21	17.17		
5	256QAM	25	0	17.16	17.12	17.08		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.10	19.12	19.06	19.8	0
3	QPSK	1	8	18.96	18.94	18.98		
3	QPSK	1	14	18.89	18.97	18.90		
3	QPSK	8	0	18.99	18.98	19.04	19.8	0
3	QPSK	8	4	18.97	19.07	18.84		
3	QPSK	8	7	18.94	18.99	18.92		
3	QPSK	15	0	18.94	19.06	18.87		
3	16QAM	1	0	19.01	19.03	19.03	19.8	0
3	16QAM	1	8	19.03	18.89	18.85		
3	16QAM	1	14	19.05	19.04	18.91		
3	16QAM	8	0	18.96	18.98	18.82	19.8	0
3	16QAM	8	4	18.88	19.01	18.87		
3	16QAM	8	7	18.94	19.03	18.95		
3	16QAM	15	0	19.06	19.10	19.02		
3	64QAM	1	0	19.03	19.10	18.89	19.8	0
3	64QAM	1	8	18.84	18.95	18.88		
3	64QAM	1	14	18.94	19.09	18.96		
3	64QAM	8	0	18.95	18.95	18.94	19.8	0
3	64QAM	8	4	18.99	19.11	18.91		
3	64QAM	8	7	18.92	19.05	18.99		
3	64QAM	15	0	19.04	19.00	18.92		
3	256QAM	1	0	17.08	17.24	17.18	18.8	1
3	256QAM	1	8	17.16	17.25	17.22		
3	256QAM	1	14	17.15	17.17	17.19		
3	256QAM	8	0	17.04	17.14	17.05	18.8	1
3	256QAM	8	4	16.99	17.17	17.13		
3	256QAM	8	7	17.16	17.12	17.09		
3	256QAM	15	0	17.18	17.25	17.02		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.09	19.03	19.08	19.8	0
1.4	QPSK	1	3	18.89	18.90	18.99		
1.4	QPSK	1	5	18.94	19.04	19.03		
1.4	QPSK	3	0	19.02	19.10	18.95		
1.4	QPSK	3	1	18.91	18.97	18.88		
1.4	QPSK	3	3	18.93	18.89	19.03		
1.4	QPSK	6	0	18.99	18.99	18.98	19.8	0
1.4	16QAM	1	0	19.00	18.96	18.98	19.8	0
1.4	16QAM	1	3	19.05	18.97	18.81		
1.4	16QAM	1	5	18.98	19.01	18.92		
1.4	16QAM	3	0	19.05	18.88	18.82		
1.4	16QAM	3	1	18.99	19.04	18.93		
1.4	16QAM	3	3	18.93	19.04	18.90		
1.4	16QAM	6	0	19.03	19.08	18.95	19.8	0
1.4	64QAM	1	0	19.06	18.97	18.96	19.8	0
1.4	64QAM	1	3	18.84	18.94	18.84		
1.4	64QAM	1	5	18.84	19.02	19.00		
1.4	64QAM	3	0	18.91	18.96	18.94		
1.4	64QAM	3	1	18.86	19.10	18.86		
1.4	64QAM	3	3	18.94	19.07	18.95		
1.4	64QAM	6	0	19.00	19.06	18.93	19.8	0
1.4	256QAM	1	0	17.18	17.22	17.05	18.8	1
1.4	256QAM	1	3	17.12	17.23	17.27		
1.4	256QAM	1	5	17.15	17.27	17.13		
1.4	256QAM	3	0	17.15	17.18	17.17		
1.4	256QAM	3	1	17.01	17.09	17.21		
1.4	256QAM	3	3	17.18	17.23	17.08		
1.4	256QAM	6	0	17.16	17.17	17.16	18.8	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	20.22	20.25	20.19	20.9	0
20	QPSK	1	49	20.20	20.11	20.16		
20	QPSK	1	99	20.21	20.23	20.14		
20	QPSK	50	0	20.20	20.21	20.15	20.9	0
20	QPSK	50	24	20.17	20.14	20.13		
20	QPSK	50	50	20.11	20.15	20.08		
20	QPSK	100	0	20.07	20.19	20.13		
20	16QAM	1	0	20.18	20.16	20.10	20.9	0
20	16QAM	1	49	20.17	20.17	20.04		
20	16QAM	1	99	20.18	20.16	20.09		
20	16QAM	50	0	20.14	20.16	20.07	20.9	0
20	16QAM	50	24	20.19	20.11	20.16		
20	16QAM	50	50	20.14	20.10	20.14		
20	16QAM	100	0	20.18	20.19	20.10		
20	64QAM	1	0	20.16	20.15	20.11	20.9	0
20	64QAM	1	49	20.19	20.17	20.16		
20	64QAM	1	99	20.17	20.23	20.18		
20	64QAM	50	0	20.14	20.20	20.14	20.9	0
20	64QAM	50	24	20.08	20.10	20.17		
20	64QAM	50	50	20.12	20.11	20.14		
20	64QAM	100	0	20.12	20.10	20.18		
20	256QAM	1	0	17.66	17.69	17.66	18.4	2.5
20	256QAM	1	49	17.50	17.61	17.53		
20	256QAM	1	99	17.59	17.68	17.66		
20	256QAM	50	0	17.57	17.68	17.66	18.4	2.5
20	256QAM	50	24	17.52	17.63	17.55		
20	256QAM	50	50	17.52	17.63	17.49		
20	256QAM	100	0	17.50	17.54	17.41		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.11	20.10	20.08	20.9	0
15	QPSK	1	37	20.13	20.02	20.10		
15	QPSK	1	74	20.18	20.20	20.09		
15	QPSK	36	0	20.11	20.16	20.14	20.9	0
15	QPSK	36	20	20.15	20.12	20.03		
15	QPSK	36	39	20.07	20.03	20.00		
15	QPSK	75	0	20.04	20.07	20.11		
15	16QAM	1	0	20.11	20.02	19.97	20.9	0
15	16QAM	1	37	20.09	20.08	19.99		
15	16QAM	1	74	20.08	20.02	20.06		
15	16QAM	36	0	20.07	20.04	20.05	20.9	0
15	16QAM	36	20	20.17	20.04	20.01		
15	16QAM	36	39	20.09	20.08	20.08		
15	16QAM	75	0	20.06	20.13	20.09		
15	64QAM	1	0	20.14	20.00	20.04	20.9	0
15	64QAM	1	37	20.16	20.15	20.08		
15	64QAM	1	74	20.04	20.22	20.10		
15	64QAM	36	0	19.99	20.07	20.13	20.9	0
15	64QAM	36	20	20.04	20.05	20.07		
15	64QAM	36	39	20.00	19.99	20.07		
15	64QAM	75	0	19.97	19.96	20.10		
15	256QAM	1	0	17.55	17.57	17.61	18.4	2.5
15	256QAM	1	37	17.36	17.50	17.46		
15	256QAM	1	74	17.47	17.62	17.61		
15	256QAM	36	0	17.46	17.56	17.55	18.4	2.5
15	256QAM	36	20	17.49	17.53	17.50		
15	256QAM	36	39	17.49	17.52	17.48		
15	256QAM	75	0	17.35	17.50	17.28		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.16	20.13	20.12	20.9	0
10	QPSK	1	25	20.17	20.01	20.12		
10	QPSK	1	49	20.10	20.22	20.09		
10	QPSK	25	0	20.09	20.20	20.13	20.9	0
10	QPSK	25	12	20.11	20.10	20.11		
10	QPSK	25	25	20.03	20.12	20.02		
10	QPSK	50	0	19.95	20.04	20.07		
10	16QAM	1	0	20.05	20.13	19.98	20.9	0
10	16QAM	1	25	20.06	20.13	19.98		
10	16QAM	1	49	20.08	20.03	20.08		
10	16QAM	25	0	20.05	20.03	19.97	20.9	0
10	16QAM	25	12	20.09	20.10	20.13		
10	16QAM	25	25	20.10	19.99	20.08		
10	16QAM	50	0	20.10	20.16	20.01		
10	64QAM	1	0	20.15	20.10	19.99	20.9	0
10	64QAM	1	25	20.18	20.08	20.14		
10	64QAM	1	49	20.03	20.12	20.13		
10	64QAM	25	0	20.10	20.05	20.12	20.9	0
10	64QAM	25	12	19.94	20.03	20.02		
10	64QAM	25	25	20.04	20.02	20.00		
10	64QAM	50	0	20.02	20.00	20.06		
10	256QAM	1	0	17.51	17.68	17.57	18.4	2.5
10	256QAM	1	25	17.44	17.58	17.44		
10	256QAM	1	49	17.53	17.53	17.53		
10	256QAM	25	0	17.52	17.54	17.60	18.4	2.5
10	256QAM	25	12	17.46	17.48	17.43		
10	256QAM	25	25	17.43	17.53	17.48		
10	256QAM	50	0	17.36	17.49	17.34		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.21	20.15	20.05	20.9	0
5	QPSK	1	12	20.05	20.07	20.03		
5	QPSK	1	24	20.08	20.17	20.07		
5	QPSK	12	0	20.13	20.15	20.06	20.9	0
5	QPSK	12	7	20.11	20.11	20.08		
5	QPSK	12	13	20.09	20.01	19.93		
5	QPSK	25	0	20.05	20.17	20.10		
5	16QAM	1	0	20.06	20.08	20.08	20.9	0
5	16QAM	1	12	20.14	20.07	19.98		
5	16QAM	1	24	20.17	20.01	20.02		
5	16QAM	12	0	20.06	20.13	19.92	20.9	0
5	16QAM	12	7	20.13	19.96	20.07		
5	16QAM	12	13	20.01	20.04	20.06		
5	16QAM	25	0	20.07	20.14	20.04		
5	64QAM	1	0	20.09	20.10	19.98	20.9	0
5	64QAM	1	12	20.09	20.03	20.11		
5	64QAM	1	24	20.04	20.14	20.06		
5	64QAM	12	0	20.08	20.19	20.08	20.9	0
5	64QAM	12	7	20.02	20.00	20.03		
5	64QAM	12	13	19.99	19.98	20.04		
5	64QAM	25	0	19.98	20.05	20.12		
5	256QAM	1	0	17.56	17.57	17.54	18.4	2.5
5	256QAM	1	12	17.48	17.49	17.50		
5	256QAM	1	24	17.56	17.54	17.59		
5	256QAM	12	0	17.52	17.65	17.58	18.4	2.5
5	256QAM	12	7	17.45	17.50	17.45		
5	256QAM	12	13	17.48	17.58	17.40		
5	256QAM	25	0	17.47	17.43	17.39		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.14	20.14	20.12	20.9	0
3	QPSK	1	8	20.16	20.00	20.10		
3	QPSK	1	14	20.17	20.17	20.04		
3	QPSK	8	0	20.11	20.14	20.04	20.9	0
3	QPSK	8	4	20.11	20.10	20.06		
3	QPSK	8	7	20.05	20.07	19.98		
3	QPSK	15	0	20.06	20.15	20.07		
3	16QAM	1	0	20.06	20.02	20.07	20.9	0
3	16QAM	1	8	20.05	20.10	19.89		
3	16QAM	1	14	20.03	20.12	20.02		
3	16QAM	8	0	19.99	20.12	20.00	20.9	0
3	16QAM	8	4	20.10	20.03	20.13		
3	16QAM	8	7	20.05	19.99	20.06		
3	16QAM	15	0	20.08	20.12	20.00		
3	64QAM	1	0	20.03	20.05	20.05	20.9	0
3	64QAM	1	8	20.07	20.03	20.04		
3	64QAM	1	14	20.10	20.13	20.16		
3	64QAM	8	0	20.09	20.08	20.10	20.9	0
3	64QAM	8	4	20.05	19.97	20.08		
3	64QAM	8	7	20.02	20.04	20.10		
3	64QAM	15	0	20.07	20.04	20.10		
3	256QAM	1	0	17.58	17.61	17.51	18.4	2.5
3	256QAM	1	8	17.46	17.54	17.43		
3	256QAM	1	14	17.58	17.65	17.64		
3	256QAM	8	0	17.53	17.65	17.54	18.4	2.5
3	256QAM	8	4	17.40	17.52	17.47		
3	256QAM	8	7	17.50	17.49	17.38		
3	256QAM	15	0	17.39	17.53	17.26		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.14	20.12	20.11	20.9	0
1.4	QPSK	1	3	20.10	20.09	20.05		
1.4	QPSK	1	5	20.11	20.19	20.12		
1.4	QPSK	3	0	20.18	20.14	20.10		
1.4	QPSK	3	1	20.05	20.06	20.04		
1.4	QPSK	3	3	19.97	20.00	19.96		
1.4	QPSK	6	0	19.99	20.15	19.98	20.9	0
1.4	16QAM	1	0	20.07	20.02	20.03	20.9	0
1.4	16QAM	1	3	20.03	20.07	19.92		
1.4	16QAM	1	5	20.08	20.12	20.04		
1.4	16QAM	3	0	20.01	20.03	20.03		
1.4	16QAM	3	1	20.15	20.01	20.09		
1.4	16QAM	3	3	19.99	20.09	20.01		
1.4	16QAM	6	0	20.17	20.12	20.04	20.9	0
1.4	64QAM	1	0	20.02	20.02	20.02	20.9	0
1.4	64QAM	1	3	20.13	20.05	20.11		
1.4	64QAM	1	5	20.06	20.15	20.17		
1.4	64QAM	3	0	20.06	20.06	20.13		
1.4	64QAM	3	1	20.06	20.04	20.09		
1.4	64QAM	3	3	20.11	20.07	20.04		
1.4	64QAM	6	0	20.08	20.09	20.05	20.9	0
1.4	256QAM	1	0	17.59	17.68	17.56	18.4	2.5
1.4	256QAM	1	3	17.35	17.59	17.42		
1.4	256QAM	1	5	17.45	17.61	17.52		
1.4	256QAM	3	0	17.49	17.63	17.57		
1.4	256QAM	3	1	17.48	17.57	17.40		
1.4	256QAM	3	3	17.46	17.53	17.34		
1.4	256QAM	6	0	17.42	17.39	17.31	18.4	2.5

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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	20.01	20.11	20.05	20.7	0
20	QPSK	1	49	19.97	20.03	20.01		
20	QPSK	1	99	19.83	20.02	19.91		
20	QPSK	50	0	20.07	20.08	20.01	20.7	0
20	QPSK	50	24	19.93	20.06	19.96		
20	QPSK	50	50	20.04	20.05	19.92		
20	QPSK	100	0	19.99	20.04	19.98		
20	16QAM	1	0	20.02	20.03	19.99	20.7	0
20	16QAM	1	49	20.03	20.05	19.95		
20	16QAM	1	99	19.96	20.03	19.97		
20	16QAM	50	0	19.85	19.87	19.85	20.7	0
20	16QAM	50	24	19.85	19.94	19.80		
20	16QAM	50	50	19.93	19.92	19.91		
20	16QAM	100	0	20.02	19.99	19.84		
20	64QAM	1	0	19.96	19.89	19.83	20.7	0
20	64QAM	1	49	19.89	19.89	19.88		
20	64QAM	1	99	19.85	19.79	19.67		
20	64QAM	50	0	19.89	19.90	19.97	20.7	0
20	64QAM	50	24	19.92	19.86	19.77		
20	64QAM	50	50	19.77	19.93	19.71		
20	64QAM	100	0	19.84	19.89	19.94		
20	256QAM	1	0	17.56	17.52	17.50	18.2	2.5
20	256QAM	1	49	17.38	17.49	17.42		
20	256QAM	1	99	17.30	17.45	17.32		
20	256QAM	50	0	17.30	17.41	17.28	18.2	2.5
20	256QAM	50	24	17.35	17.46	17.43		
20	256QAM	50	50	17.43	17.46	17.33		
20	256QAM	100	0	17.27	17.41	17.26		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.89	20.02	19.90	20.7	0
15	QPSK	1	37	19.86	19.98	19.91		
15	QPSK	1	74	19.73	19.96	19.81		
15	QPSK	36	0	19.98	19.95	19.86	20.7	0
15	QPSK	36	20	19.78	19.97	19.85		
15	QPSK	36	39	19.94	19.90	19.80		
15	QPSK	75	0	19.94	19.97	19.85		
15	16QAM	1	0	19.87	19.93	19.90	20.7	0
15	16QAM	1	37	19.92	19.99	19.80		
15	16QAM	1	74	19.91	19.88	19.82		
15	16QAM	36	0	19.72	19.80	19.79	20.7	0
15	16QAM	36	20	19.70	19.83	19.69		
15	16QAM	36	39	19.87	19.83	19.79		
15	16QAM	75	0	19.88	19.93	19.74		
15	64QAM	1	0	19.89	19.76	19.72	20.7	0
15	64QAM	1	37	19.79	19.77	19.80		
15	64QAM	1	74	19.76	19.69	19.52		
15	64QAM	36	0	19.79	19.75	19.82	20.7	0
15	64QAM	36	20	19.85	19.74	19.66		
15	64QAM	36	39	19.67	19.84	19.58		
15	64QAM	75	0	19.71	19.76	19.81		
15	256QAM	1	0	17.51	17.46	17.42	18.2	2.5
15	256QAM	1	37	17.23	17.40	17.37		
15	256QAM	1	74	17.25	17.32	17.22		
15	256QAM	36	0	17.15	17.28	17.16	18.2	2.5
15	256QAM	36	20	17.30	17.33	17.30		
15	256QAM	36	39	17.34	17.38	17.24		
15	256QAM	75	0	17.13	17.33	17.19		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.89	20.00	19.93	20.7	0
10	QPSK	1	25	19.90	19.92	19.89		
10	QPSK	1	49	19.68	19.87	19.85		
10	QPSK	25	0	20.01	19.99	19.87	20.7	0
10	QPSK	25	12	19.84	19.93	19.84		
10	QPSK	25	25	19.99	19.94	19.81		
10	QPSK	50	0	19.85	19.98	19.87		
10	16QAM	1	0	19.94	19.89	19.88	20.7	0
10	16QAM	1	25	19.96	19.93	19.89		
10	16QAM	1	49	19.90	19.97	19.82		
10	16QAM	25	0	19.70	19.73	19.80	20.7	0
10	16QAM	25	12	19.79	19.86	19.71		
10	16QAM	25	25	19.84	19.87	19.83		
10	16QAM	50	0	19.97	19.89	19.75		
10	64QAM	1	0	19.91	19.76	19.76	20.7	0
10	64QAM	1	25	19.75	19.80	19.77		
10	64QAM	1	49	19.73	19.66	19.59		
10	64QAM	25	0	19.81	19.83	19.87	20.7	0
10	64QAM	25	12	19.85	19.79	19.68		
10	64QAM	25	25	19.67	19.86	19.61		
10	64QAM	50	0	19.72	19.77	19.89		
10	256QAM	1	0	17.46	17.42	17.43	18.2	2.5
10	256QAM	1	25	17.24	17.36	17.35		
10	256QAM	1	49	17.24	17.36	17.25		
10	256QAM	25	0	17.15	17.32	17.16	18.2	2.5
10	256QAM	25	12	17.24	17.41	17.34		
10	256QAM	25	25	17.34	17.36	17.20		
10	256QAM	50	0	17.21	17.31	17.21		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.95	20.06	19.99	20.7	0
5	QPSK	1	12	19.89	19.98	19.96		
5	QPSK	1	24	19.77	19.88	19.83		
5	QPSK	12	0	20.02	19.96	19.87	20.7	0
5	QPSK	12	7	19.88	19.96	19.83		
5	QPSK	12	13	19.99	19.98	19.86		
5	QPSK	25	0	19.93	19.98	19.87		
5	16QAM	1	0	19.97	19.92	19.91	20.7	0
5	16QAM	1	12	19.96	19.95	19.84		
5	16QAM	1	24	19.87	19.94	19.90		
5	16QAM	12	0	19.77	19.82	19.71	20.7	0
5	16QAM	12	7	19.72	19.79	19.66		
5	16QAM	12	13	19.82	19.85	19.83		
5	16QAM	25	0	19.90	19.94	19.73		
5	64QAM	1	0	19.81	19.78	19.73	20.7	0
5	64QAM	1	12	19.76	19.77	19.77		
5	64QAM	1	24	19.75	19.70	19.57		
5	64QAM	12	0	19.76	19.75	19.86	20.7	0
5	64QAM	12	7	19.86	19.72	19.72		
5	64QAM	12	13	19.71	19.88	19.58		
5	64QAM	25	0	19.78	19.83	19.81		
5	256QAM	1	0	17.47	17.44	17.42	18.2	2.5
5	256QAM	1	12	17.33	17.43	17.27		
5	256QAM	1	24	17.20	17.32	17.21		
5	256QAM	12	0	17.25	17.31	17.20	18.2	2.5
5	256QAM	12	7	17.30	17.32	17.31		
5	256QAM	12	13	17.28	17.40	17.24		
5	256QAM	25	0	17.14	17.31	17.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.88	20.03	19.91	20.7	0
3	QPSK	1	8	19.89	19.95	19.91		
3	QPSK	1	14	19.75	19.88	19.80		
3	QPSK	8	0	19.96	19.93	19.93	20.7	0
3	QPSK	8	4	19.81	19.92	19.90		
3	QPSK	8	7	19.94	19.90	19.87		
3	QPSK	15	0	19.92	19.89	19.90		
3	16QAM	1	0	19.88	19.95	19.87	20.7	0
3	16QAM	1	8	19.90	19.96	19.83		
3	16QAM	1	14	19.82	19.95	19.82		
3	16QAM	8	0	19.77	19.78	19.79	20.7	0
3	16QAM	8	4	19.77	19.83	19.72		
3	16QAM	8	7	19.88	19.81	19.86		
3	16QAM	15	0	19.94	19.92	19.75		
3	64QAM	1	0	19.81	19.79	19.78	20.7	0
3	64QAM	1	8	19.75	19.82	19.73		
3	64QAM	1	14	19.80	19.64	19.52		
3	64QAM	8	0	19.83	19.76	19.87	20.7	0
3	64QAM	8	4	19.83	19.72	19.72		
3	64QAM	8	7	19.71	19.80	19.66		
3	64QAM	15	0	19.75	19.76	19.79		
3	256QAM	1	0	17.51	17.37	17.38	18.2	2.5
3	256QAM	1	8	17.23	17.43	17.36		
3	256QAM	1	14	17.22	17.31	17.20		
3	256QAM	8	0	17.22	17.29	17.21	18.2	2.5
3	256QAM	8	4	17.24	17.41	17.36		
3	256QAM	8	7	17.38	17.35	17.28		
3	256QAM	15	0	17.17	17.27	17.12		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.89	20.00	19.94	20.7	0
1.4	QPSK	1	3	19.85	19.91	19.91		
1.4	QPSK	1	5	19.75	19.90	19.84		
1.4	QPSK	3	0	19.97	20.00	19.87		
1.4	QPSK	3	1	19.81	20.00	19.88		
1.4	QPSK	3	3	19.97	19.90	19.87		
1.4	QPSK	6	0	19.87	19.95	19.87	20.7	0
1.4	16QAM	1	0	19.91	19.95	19.90	20.7	0
1.4	16QAM	1	3	19.98	19.98	19.85		
1.4	16QAM	1	5	19.90	19.88	19.88		
1.4	16QAM	3	0	19.75	19.72	19.80		
1.4	16QAM	3	1	19.75	19.79	19.71		
1.4	16QAM	3	3	19.81	19.82	19.84		
1.4	16QAM	6	0	19.96	19.90	19.70	20.7	0
1.4	64QAM	1	0	19.83	19.77	19.75	20.7	0
1.4	64QAM	1	3	19.81	19.82	19.78		
1.4	64QAM	1	5	19.72	19.64	19.59		
1.4	64QAM	3	0	19.75	19.77	19.90		
1.4	64QAM	3	1	19.84	19.75	19.65		
1.4	64QAM	3	3	19.62	19.86	19.56		
1.4	64QAM	6	0	19.76	19.83	19.88	20.7	0
1.4	256QAM	1	0	17.49	17.37	17.41	18.2	2.5
1.4	256QAM	1	3	17.29	17.35	17.33		
1.4	256QAM	1	5	17.16	17.37	17.21		
1.4	256QAM	3	0	17.19	17.32	17.13		
1.4	256QAM	3	1	17.29	17.35	17.34		
1.4	256QAM	3	3	17.34	17.33	17.21		
1.4	256QAM	6	0	17.15	17.30	17.21	18.2	2.5

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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	16.98	17.11	16.96	18.4	0
20	QPSK	1	49	16.93	16.95	16.93		
20	QPSK	1	99	16.85	16.92	16.95		
20	QPSK	50	0	16.93	16.96	16.91	18.4	0
20	QPSK	50	24	16.89	16.87	16.82		
20	QPSK	50	50	16.80	16.86	16.84		
20	QPSK	100	0	16.82	16.95	16.80		
20	16QAM	1	0	16.82	16.84	16.81	18.4	0
20	16QAM	1	49	16.80	16.87	16.73		
20	16QAM	1	99	16.87	16.99	16.76		
20	16QAM	50	0	16.92	16.82	16.81	18.4	0
20	16QAM	50	24	16.84	16.95	16.75		
20	16QAM	50	50	16.78	16.83	16.91		
20	16QAM	100	0	16.79	16.88	16.84		
20	64QAM	1	0	16.84	16.83	16.67	18.4	0
20	64QAM	1	49	16.77	16.81	16.76		
20	64QAM	1	99	16.67	16.60	16.63		
20	64QAM	50	0	16.83	16.97	16.91	18.4	0
20	64QAM	50	24	16.92	16.84	16.81		
20	64QAM	50	50	16.89	16.82	16.75		
20	64QAM	100	0	17.01	16.89	17.01		
20	256QAM	1	0	14.31	14.41	14.23	15.9	2.5
20	256QAM	1	49	14.12	14.35	14.16		
20	256QAM	1	99	14.12	14.15	14.14		
20	256QAM	50	0	14.16	14.34	14.31	15.9	2.5
20	256QAM	50	24	14.11	14.34	14.18		
20	256QAM	50	50	14.19	14.32	14.13		
20	256QAM	100	0	14.14	14.31	13.98		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.84	17.03	16.81	18.4	0
15	QPSK	1	37	16.80	16.88	16.87		
15	QPSK	1	74	16.70	16.82	16.80		
15	QPSK	36	0	16.85	16.90	16.80	18.4	0
15	QPSK	36	20	16.78	16.73	16.74		
15	QPSK	36	39	16.75	16.81	16.70		
15	QPSK	75	0	16.71	16.81	16.69		
15	16QAM	1	0	16.77	16.75	16.69	18.4	0
15	16QAM	1	37	16.66	16.76	16.64		
15	16QAM	1	74	16.82	16.91	16.70		
15	16QAM	36	0	16.84	16.74	16.72	18.4	0
15	16QAM	36	20	16.75	16.83	16.65		
15	16QAM	36	39	16.73	16.70	16.83		
15	16QAM	75	0	16.68	16.76	16.77		
15	64QAM	1	0	16.71	16.68	16.60	18.4	0
15	64QAM	1	37	16.66	16.72	16.66		
15	64QAM	1	74	16.61	16.55	16.53		
15	64QAM	36	0	16.68	16.84	16.82	18.4	0
15	64QAM	36	20	16.81	16.72	16.76		
15	64QAM	36	39	16.79	16.70	16.63		
15	64QAM	75	0	16.86	16.74	16.96		
15	256QAM	1	0	14.19	14.28	14.17	15.9	2.5
15	256QAM	1	37	13.98	14.26	14.10		
15	256QAM	1	74	14.03	14.03	14.00		
15	256QAM	36	0	14.03	14.21	14.18	15.9	2.5
15	256QAM	36	20	13.97	14.20	14.05		
15	256QAM	36	39	14.09	14.18	14.02		
15	256QAM	75	0	14.04	14.22	14.29		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.88	16.97	16.86	18.4	0
10	QPSK	1	25	16.78	16.87	16.87		
10	QPSK	1	49	16.72	16.79	16.90		
10	QPSK	25	0	16.87	16.88	16.81	18.4	0
10	QPSK	25	12	16.75	16.72	16.77		
10	QPSK	25	25	16.65	16.79	16.73		
10	QPSK	50	0	16.69	16.84	16.69		
10	16QAM	1	0	16.74	16.69	16.69	18.4	0
10	16QAM	1	25	16.67	16.76	16.68		
10	16QAM	1	49	16.74	16.89	16.71		
10	16QAM	25	0	16.87	16.76	16.66	18.4	0
10	16QAM	25	12	16.75	16.86	16.67		
10	16QAM	25	25	16.63	16.68	16.80		
10	16QAM	50	0	16.68	16.82	16.71		
10	64QAM	1	0	16.75	16.76	16.58	18.4	0
10	64QAM	1	25	16.62	16.72	16.71		
10	64QAM	1	49	16.55	16.52	16.50		
10	64QAM	25	0	16.75	16.92	16.79	18.4	0
10	64QAM	25	12	16.85	16.77	16.71		
10	64QAM	25	25	16.78	16.70	16.64		
10	64QAM	50	0	16.89	16.77	16.94		
10	256QAM	1	0	14.19	14.35	14.08	15.9	2.5
10	256QAM	1	25	14.02	14.30	14.06		
10	256QAM	1	49	14.04	14.05	14.01		
10	256QAM	25	0	14.08	14.26	14.18	15.9	2.5
10	256QAM	25	12	14.06	14.22	14.11		
10	256QAM	25	25	14.08	14.23	14.00		
10	256QAM	50	0	14.06	14.22	14.09		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.87	16.97	16.84	18.4	0
5	QPSK	1	12	16.80	16.86	16.78		
5	QPSK	1	24	16.71	16.80	16.83		
5	QPSK	12	0	16.86	16.86	16.82	18.4	0
5	QPSK	12	7	16.76	16.75	16.68		
5	QPSK	12	13	16.73	16.80	16.70		
5	QPSK	25	0	16.67	16.89	16.67		
5	16QAM	1	0	16.76	16.79	16.72	18.4	0
5	16QAM	1	12	16.73	16.76	16.61		
5	16QAM	1	24	16.79	16.86	16.67		
5	16QAM	12	0	16.83	16.70	16.76	18.4	0
5	16QAM	12	7	16.71	16.89	16.61		
5	16QAM	12	13	16.68	16.72	16.76		
5	16QAM	25	0	16.69	16.74	16.74		
5	64QAM	1	0	16.72	16.73	16.60	18.4	0
5	64QAM	1	12	16.63	16.76	16.61		
5	64QAM	1	24	16.55	16.46	16.53		
5	64QAM	12	0	16.72	16.82	16.77	18.4	0
5	64QAM	12	7	16.83	16.79	16.66		
5	64QAM	12	13	16.77	16.75	16.65		
5	64QAM	25	0	16.88	16.79	16.92		
5	256QAM	1	0	14.25	14.28	14.16	15.9	2.5
5	256QAM	1	12	14.02	14.27	14.10		
5	256QAM	1	24	13.99	14.09	14.01		
5	256QAM	12	0	14.01	14.27	14.25	15.9	2.5
5	256QAM	12	7	14.02	14.19	14.11		
5	256QAM	12	13	14.05	14.18	13.98		
5	256QAM	25	0	14.02	14.24	14.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.89	16.98	16.85	18.4	0
3	QPSK	1	8	16.82	16.87	16.85		
3	QPSK	1	14	16.75	16.84	16.86		
3	QPSK	8	0	16.82	16.84	16.84	18.4	0
3	QPSK	8	4	16.77	16.77	16.77		
3	QPSK	8	7	16.72	16.76	16.69		
3	QPSK	15	0	16.76	16.81	16.72		
3	16QAM	1	0	16.77	16.72	16.66	18.4	0
3	16QAM	1	8	16.73	16.72	16.66		
3	16QAM	1	14	16.76	16.86	16.68		
3	16QAM	8	0	16.85	16.68	16.73	18.4	0
3	16QAM	8	4	16.69	16.84	16.68		
3	16QAM	8	7	16.73	16.72	16.78		
3	16QAM	15	0	16.64	16.79	16.76		
3	64QAM	1	0	16.77	16.72	16.57	18.4	0
3	64QAM	1	8	16.70	16.76	16.66		
3	64QAM	1	14	16.52	16.53	16.53		
3	64QAM	8	0	16.76	16.86	16.82	18.4	0
3	64QAM	8	4	16.86	16.77	16.74		
3	64QAM	8	7	16.81	16.71	16.62		
3	64QAM	15	0	16.94	16.76	16.92		
3	256QAM	1	0	14.24	14.31	14.10	15.9	2.5
3	256QAM	1	8	14.05	14.27	14.08		
3	256QAM	1	14	14.01	14.01	14.08		
3	256QAM	8	0	14.01	14.28	14.24	15.9	2.5
3	256QAM	8	4	14.03	14.26	14.13		
3	256QAM	8	7	14.09	14.26	14.06		
3	256QAM	15	0	14.06	14.24	13.93		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.86	17.01	16.86	18.4	0
1.4	QPSK	1	3	16.85	16.89	16.85		
1.4	QPSK	1	5	16.76	16.81	16.87		
1.4	QPSK	3	0	16.79	16.91	16.83		
1.4	QPSK	3	1	16.74	16.74	16.71		
1.4	QPSK	3	3	16.69	16.80	16.76		
1.4	QPSK	6	0	16.76	16.82	16.67	18.4	0
1.4	16QAM	1	0	16.68	16.69	16.75	18.4	0
1.4	16QAM	1	3	16.73	16.78	16.68		
1.4	16QAM	1	5	16.73	16.94	16.68		
1.4	16QAM	3	0	16.86	16.71	16.66		
1.4	16QAM	3	1	16.79	16.88	16.63		
1.4	16QAM	3	3	16.67	16.71	16.79		
1.4	16QAM	6	0	16.67	16.81	16.74	18.4	0
1.4	64QAM	1	0	16.74	16.78	16.60	18.4	0
1.4	64QAM	1	3	16.71	16.73	16.66		
1.4	64QAM	1	5	16.57	16.46	16.51		
1.4	64QAM	3	0	16.69	16.86	16.86		
1.4	64QAM	3	1	16.87	16.77	16.69		
1.4	64QAM	3	3	16.83	16.75	16.64		
1.4	64QAM	6	0	16.91	16.76	16.94	18.4	0
1.4	256QAM	1	0	14.19	14.31	14.18	15.9	2.5
1.4	256QAM	1	3	14.22	14.32	14.18		
1.4	256QAM	1	5	14.18	14.33	14.14		
1.4	256QAM	3	0	14.07	14.26	14.18		
1.4	256QAM	3	1	14.03	14.02	14.05		
1.4	256QAM	3	3	14.07	14.28	13.99		
1.4	256QAM	6	0	13.99	14.30	14.16	15.9	2.5

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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	20.02	20.10	20.05	21	0
20	QPSK	1	49	19.94	19.99	19.97		
20	QPSK	1	99	19.88	20.01	20.01		
20	QPSK	50	0	20.01	20.08	20.02	21	0
20	QPSK	50	24	19.98	20.02	20.00		
20	QPSK	50	50	20.00	20.02	19.90		
20	QPSK	100	0	19.96	20.03	20.00		
20	16QAM	1	0	19.95	20.04	19.99	21	0
20	16QAM	1	49	19.88	20.05	19.96		
20	16QAM	1	99	19.97	19.95	19.99		
20	16QAM	50	0	19.98	20.02	20.00	21	0
20	16QAM	50	24	20.00	19.95	20.00		
20	16QAM	50	50	19.97	20.02	20.01		
20	16QAM	100	0	19.99	20.02	19.91		
20	64QAM	1	0	19.98	20.01	20.02	21	0
20	64QAM	1	49	19.90	19.95	19.96		
20	64QAM	1	99	19.90	19.96	20.01		
20	64QAM	50	0	20.01	20.02	19.90	21	0
20	64QAM	50	24	19.92	20.02	20.01		
20	64QAM	50	50	19.95	20.09	20.03		
20	64QAM	100	0	19.91	20.08	19.96		
20	256QAM	1	0	18.31	18.40	18.32	20	1
20	256QAM	1	49	18.32	18.39	18.28		
20	256QAM	1	99	18.24	18.27	18.12		
20	256QAM	50	0	18.33	18.39	18.33	20	1
20	256QAM	50	24	18.14	18.25	18.23		
20	256QAM	50	50	18.18	18.29	18.27		
20	256QAM	100	0	18.19	18.29	18.28		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.99	20.06	20.02	21	0
15	QPSK	1	37	19.93	19.97	19.87		
15	QPSK	1	74	19.85	19.86	19.91		
15	QPSK	36	0	19.98	19.98	19.88	21	0
15	QPSK	36	20	19.97	19.94	19.97		
15	QPSK	36	39	19.92	19.92	19.75		
15	QPSK	75	0	19.89	20.00	19.86		
15	16QAM	1	0	19.92	19.94	19.84	21	0
15	16QAM	1	37	19.84	20.02	19.92		
15	16QAM	1	74	19.85	19.82	19.95		
15	16QAM	36	0	19.91	19.92	19.98	21	0
15	16QAM	36	20	19.88	19.90	19.93		
15	16QAM	36	39	19.83	19.89	19.90		
15	16QAM	75	0	19.94	19.96	19.79		
15	64QAM	1	0	19.87	19.96	20.01	21	0
15	64QAM	1	37	19.88	19.82	19.88		
15	64QAM	1	74	19.85	19.95	19.98		
15	64QAM	36	0	19.92	20.01	19.76	21	0
15	64QAM	36	20	19.80	19.93	19.92		
15	64QAM	36	39	19.91	19.97	19.98		
15	64QAM	75	0	19.76	19.95	19.85		
15	256QAM	1	0	18.27	18.38	18.17	20	1
15	256QAM	1	37	18.26	18.28	18.13		
15	256QAM	1	74	18.11	18.23	18.16		
15	256QAM	36	0	18.22	18.36	18.27	20	1
15	256QAM	36	20	18.07	18.22	18.10		
15	256QAM	36	39	18.16	18.20	18.22		
15	256QAM	75	0	18.08	18.22	18.20		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.97	20.05	19.99	21	0
10	QPSK	1	25	19.87	19.88	19.95		
10	QPSK	1	49	19.73	19.95	19.90		
10	QPSK	25	0	19.87	20.00	19.87	21	0
10	QPSK	25	12	19.92	19.94	19.86		
10	QPSK	25	25	19.87	20.01	19.76		
10	QPSK	50	0	19.91	19.93	19.94		
10	16QAM	1	0	19.84	20.03	19.88	21	0
10	16QAM	1	25	19.74	20.02	19.87		
10	16QAM	1	49	19.82	19.92	19.92		
10	16QAM	25	0	19.97	19.95	19.96	21	0
10	16QAM	25	12	19.93	19.90	19.92		
10	16QAM	25	25	19.82	20.00	19.86		
10	16QAM	50	0	19.91	20.01	19.82		
10	64QAM	1	0	19.87	19.88	19.93	21	0
10	64QAM	1	25	19.82	19.84	19.84		
10	64QAM	1	49	19.80	19.82	20.00		
10	64QAM	25	0	19.91	19.94	19.88	21	0
10	64QAM	25	12	19.86	19.95	19.86		
10	64QAM	25	25	19.80	20.00	19.94		
10	64QAM	50	0	19.78	20.03	19.85		
10	256QAM	1	0	18.28	18.29	18.22	20	1
10	256QAM	1	25	18.22	18.24	18.24		
10	256QAM	1	49	18.09	18.21	18.08		
10	256QAM	25	0	18.23	18.29	18.25	20	1
10	256QAM	25	12	18.06	18.14	18.14		
10	256QAM	25	25	18.12	18.19	18.22		
10	256QAM	50	0	18.18	18.19	18.26		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.92	19.97	20.03	21	0
5	QPSK	1	12	19.82	19.89	19.82		
5	QPSK	1	24	19.80	19.96	19.93		
5	QPSK	12	0	19.98	19.95	19.96	21	0
5	QPSK	12	7	19.97	20.00	19.94		
5	QPSK	12	13	19.98	19.87	19.80		
5	QPSK	25	0	19.94	19.92	19.97		
5	16QAM	1	0	19.80	19.95	19.86	21	0
5	16QAM	1	12	19.78	19.92	19.85		
5	16QAM	1	24	19.92	19.87	19.96		
5	16QAM	12	0	19.93	19.89	19.93	21	0
5	16QAM	12	7	19.86	19.94	19.89		
5	16QAM	12	13	19.94	19.89	19.97		
5	16QAM	25	0	19.94	19.99	19.83		
5	64QAM	1	0	19.84	19.94	19.90	21	0
5	64QAM	1	12	19.88	19.90	19.94		
5	64QAM	1	24	19.84	19.88	19.94		
5	64QAM	12	0	19.92	19.97	19.84	21	0
5	64QAM	12	7	19.84	19.90	19.90		
5	64QAM	12	13	19.91	19.98	19.95		
5	64QAM	25	0	19.77	20.07	19.94		
5	256QAM	1	0	18.29	18.30	18.22	20	1
5	256QAM	1	12	18.30	18.30	18.22		
5	256QAM	1	24	18.18	18.23	18.07		
5	256QAM	12	0	18.27	18.35	18.20	20	1
5	256QAM	12	7	18.09	18.16	18.13		
5	256QAM	12	13	18.17	18.22	18.15		
5	256QAM	25	0	18.18	18.15	18.24		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.93	20.09	20.00	21	0
3	QPSK	1	8	19.93	19.95	19.96		
3	QPSK	1	14	19.79	19.86	19.96		
3	QPSK	8	0	19.93	20.03	19.87	21	0
3	QPSK	8	4	19.86	19.87	19.85		
3	QPSK	8	7	19.97	19.94	19.86		
3	QPSK	15	0	19.90	19.91	19.93		
3	16QAM	1	0	19.89	19.97	19.98	21	0
3	16QAM	1	8	19.80	19.96	19.95		
3	16QAM	1	14	19.95	19.89	19.87		
3	16QAM	8	0	19.89	19.92	19.86	21	0
3	16QAM	8	4	19.92	19.86	19.91		
3	16QAM	8	7	19.96	19.91	19.99		
3	16QAM	15	0	19.92	19.99	19.89		
3	64QAM	1	0	19.97	19.92	19.97	21	0
3	64QAM	1	8	19.84	19.92	19.95		
3	64QAM	1	14	19.77	19.93	19.92		
3	64QAM	8	0	19.97	20.00	19.89	21	0
3	64QAM	8	4	19.78	19.90	19.96		
3	64QAM	8	7	19.89	19.94	19.95		
3	64QAM	15	0	19.89	20.04	19.86		
3	256QAM	1	0	18.23	18.25	18.30	20	1
3	256QAM	1	8	18.28	18.29	18.23		
3	256QAM	1	14	18.21	18.17	18.05		
3	256QAM	8	0	18.18	18.33	18.32	20	1
3	256QAM	8	4	18.10	18.16	18.09		
3	256QAM	8	7	18.05	18.22	18.23		
3	256QAM	15	0	18.16	18.22	18.21		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.96	20.09	19.90	21	0
1.4	QPSK	1	3	19.86	19.89	19.88		
1.4	QPSK	1	5	19.79	19.88	19.87		
1.4	QPSK	3	0	19.97	20.07	19.96		
1.4	QPSK	3	1	19.91	19.98	19.98		
1.4	QPSK	3	3	19.88	19.99	19.88		
1.4	QPSK	6	0	19.86	20.00	19.88	21	0
1.4	16QAM	1	0	19.90	19.89	19.89	21	0
1.4	16QAM	1	3	19.76	19.94	19.92		
1.4	16QAM	1	5	19.91	19.90	19.88		
1.4	16QAM	3	0	19.89	19.89	19.85		
1.4	16QAM	3	1	19.96	19.90	19.90		
1.4	16QAM	3	3	19.88	19.90	19.88		
1.4	16QAM	6	0	19.84	20.00	19.88	21	0
1.4	64QAM	1	0	19.95	19.91	19.87	21	0
1.4	64QAM	1	3	19.77	19.90	19.93		
1.4	64QAM	1	5	19.86	19.86	19.89		
1.4	64QAM	3	0	19.90	19.92	19.81		
1.4	64QAM	3	1	19.89	19.93	19.92		
1.4	64QAM	3	3	19.94	20.08	20.02		
1.4	64QAM	6	0	19.84	20.00	19.86	21	0
1.4	256QAM	1	0	18.29	18.28	18.30	20	1
1.4	256QAM	1	3	18.28	18.29	18.19		
1.4	256QAM	1	5	18.16	18.21	18.01		
1.4	256QAM	3	0	18.31	18.27	18.20		
1.4	256QAM	3	1	18.01	18.12	18.15		
1.4	256QAM	3	3	18.09	18.23	18.19		
1.4	256QAM	6	0	18.12	18.27	18.13	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.23	19.30	19.28	20.1	0
20	QPSK	1	49	19.13	19.26	19.14		
20	QPSK	1	99	19.15	19.20	19.27		
20	QPSK	50	0	19.20	19.28	19.25	20.1	0
20	QPSK	50	24	19.10	19.17	19.16		
20	QPSK	50	50	19.12	19.27	19.23		
20	QPSK	100	0	19.13	19.23	19.18		
20	16QAM	1	0	19.21	19.25	19.27	20.1	0
20	16QAM	1	49	19.13	19.18	19.23		
20	16QAM	1	99	19.12	19.27	19.18		
20	16QAM	50	0	19.17	19.15	19.25	20.1	0
20	16QAM	50	24	19.22	19.17	19.14		
20	16QAM	50	50	19.11	19.27	19.27		
20	16QAM	100	0	19.17	19.21	19.25		
20	64QAM	1	0	19.15	19.27	19.20	20.1	0
20	64QAM	1	49	19.20	19.27	19.21		
20	64QAM	1	99	19.11	19.27	19.25		
20	64QAM	50	0	19.18	19.24	19.23	20.1	0
20	64QAM	50	24	19.11	19.26	19.20		
20	64QAM	50	50	19.12	19.20	19.16		
20	64QAM	100	0	19.16	19.20	19.23		
20	256QAM	1	0	18.31	18.45	18.39	19.6	0.5
20	256QAM	1	49	18.27	18.39	18.34		
20	256QAM	1	99	18.22	18.34	18.27		
20	256QAM	50	0	18.31	18.44	18.34	19.6	0.5
20	256QAM	50	24	18.20	18.35	18.30		
20	256QAM	50	50	18.22	18.33	18.19		
20	256QAM	100	0	18.18	18.32	18.31		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.08	19.17	19.24	20.1	0
15	QPSK	1	37	18.99	19.15	19.09		
15	QPSK	1	74	19.09	19.11	19.16		
15	QPSK	36	0	19.07	19.26	19.21	20.1	0
15	QPSK	36	20	19.06	19.04	19.04		
15	QPSK	36	39	19.01	19.26	19.19		
15	QPSK	75	0	19.05	19.13	19.16		
15	16QAM	1	0	19.09	19.17	19.23	20.1	0
15	16QAM	1	37	19.09	19.16	19.18		
15	16QAM	1	74	18.99	19.17	19.06		
15	16QAM	36	0	19.11	19.11	19.16	20.1	0
15	16QAM	36	20	19.09	19.03	19.13		
15	16QAM	36	39	19.09	19.20	19.14		
15	16QAM	75	0	19.04	19.09	19.24		
15	64QAM	1	0	19.05	19.16	19.12	20.1	0
15	64QAM	1	37	19.16	19.21	19.16		
15	64QAM	1	74	18.97	19.12	19.10		
15	64QAM	36	0	19.08	19.22	19.19	20.1	0
15	64QAM	36	20	18.99	19.11	19.09		
15	64QAM	36	39	18.97	19.05	19.10		
15	64QAM	75	0	19.03	19.15	19.20		
15	256QAM	1	0	18.18	18.34	18.32	19.6	0.5
15	256QAM	1	37	18.23	18.26	18.29		
15	256QAM	1	74	18.18	18.28	18.22		
15	256QAM	36	0	18.18	18.40	18.26	19.6	0.5
15	256QAM	36	20	18.09	18.22	18.17		
15	256QAM	36	39	18.11	18.23	18.05		
15	256QAM	75	0	18.17	18.29	18.20		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.13	19.25	19.23	20.1	0
10	QPSK	1	25	19.08	19.12	19.01		
10	QPSK	1	49	19.04	19.18	19.21		
10	QPSK	25	0	19.12	19.17	19.20	20.1	0
10	QPSK	25	12	19.00	19.05	19.02		
10	QPSK	25	25	19.11	19.15	19.12		
10	QPSK	50	0	18.98	19.10	19.15		
10	16QAM	1	0	19.11	19.16	19.26	20.1	0
10	16QAM	1	25	19.09	19.03	19.18		
10	16QAM	1	49	19.00	19.14	19.05		
10	16QAM	25	0	19.05	19.08	19.14	20.1	0
10	16QAM	25	12	19.20	19.15	19.07		
10	16QAM	25	25	18.96	19.21	19.13		
10	16QAM	50	0	19.15	19.17	19.15		
10	64QAM	1	0	19.09	19.26	19.08	20.1	0
10	64QAM	1	25	19.18	19.23	19.16		
10	64QAM	1	49	19.00	19.26	19.19		
10	64QAM	25	0	19.07	19.17	19.10	20.1	0
10	64QAM	25	12	18.97	19.21	19.05		
10	64QAM	25	25	18.97	19.07	19.04		
10	64QAM	50	0	19.06	19.16	19.22		
10	256QAM	1	0	18.28	18.32	18.29	19.6	0.5
10	256QAM	1	25	18.13	18.32	18.25		
10	256QAM	1	49	18.14	18.28	18.24		
10	256QAM	25	0	18.16	18.30	18.33	19.6	0.5
10	256QAM	25	12	18.16	18.34	18.22		
10	256QAM	25	25	18.12	18.27	18.10		
10	256QAM	50	0	18.14	18.24	18.20		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.19	19.25	19.25	20.1	0
5	QPSK	1	12	19.12	19.11	19.03		
5	QPSK	1	24	19.03	19.08	19.24		
5	QPSK	12	0	19.09	19.15	19.24	20.1	0
5	QPSK	12	7	18.97	19.08	19.03		
5	QPSK	12	13	19.10	19.13	19.13		
5	QPSK	25	0	19.05	19.15	19.07		
5	16QAM	1	0	19.19	19.21	19.13	20.1	0
5	16QAM	1	12	19.07	19.13	19.19		
5	16QAM	1	24	19.06	19.23	19.04		
5	16QAM	12	0	19.06	19.09	19.16	20.1	0
5	16QAM	12	7	19.10	19.03	19.08		
5	16QAM	12	13	19.06	19.13	19.21		
5	16QAM	25	0	19.15	19.18	19.23		
5	64QAM	1	0	19.03	19.16	19.07	20.1	0
5	64QAM	1	12	19.13	19.20	19.09		
5	64QAM	1	24	19.10	19.12	19.21		
5	64QAM	12	0	19.03	19.17	19.18	20.1	0
5	64QAM	12	7	19.09	19.16	19.11		
5	64QAM	12	13	18.99	19.17	19.09		
5	64QAM	25	0	19.09	19.07	19.20		
5	256QAM	1	0	18.29	18.30	18.29	19.6	0.5
5	256QAM	1	12	18.13	18.37	18.31		
5	256QAM	1	24	18.12	18.30	18.24		
5	256QAM	12	0	18.16	18.31	18.24	19.6	0.5
5	256QAM	12	7	18.12	18.32	18.15		
5	256QAM	12	13	18.21	18.30	18.18		
5	256QAM	25	0	18.05	18.20	18.22		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.13	19.27	19.17	20.1	0
3	QPSK	1	8	19.08	19.18	19.12		
3	QPSK	1	14	19.03	19.19	19.25		
3	QPSK	8	0	19.07	19.21	19.22	20.1	0
3	QPSK	8	4	19.09	19.14	19.10		
3	QPSK	8	7	19.02	19.15	19.15		
3	QPSK	15	0	18.98	19.20	19.13		
3	16QAM	1	0	19.17	19.23	19.25	20.1	0
3	16QAM	1	8	19.04	19.08	19.20		
3	16QAM	1	14	19.09	19.13	19.13		
3	16QAM	8	0	19.02	19.07	19.15	20.1	0
3	16QAM	8	4	19.17	19.16	19.04		
3	16QAM	8	7	19.06	19.25	19.25		
3	16QAM	15	0	19.13	19.18	19.23		
3	64QAM	1	0	19.02	19.16	19.06	20.1	0
3	64QAM	1	8	19.08	19.14	19.12		
3	64QAM	1	14	18.96	19.22	19.16		
3	64QAM	8	0	19.13	19.17	19.18	20.1	0
3	64QAM	8	4	19.05	19.14	19.12		
3	64QAM	8	7	19.06	19.17	19.13		
3	64QAM	15	0	19.04	19.11	19.14		
3	256QAM	1	0	18.19	18.36	18.34	19.6	0.5
3	256QAM	1	8	18.14	18.29	18.21		
3	256QAM	1	14	18.17	18.23	18.25		
3	256QAM	8	0	18.26	18.42	18.25	19.6	0.5
3	256QAM	8	4	18.06	18.27	18.17		
3	256QAM	8	7	18.09	18.19	18.18		
3	256QAM	15	0	18.10	18.19	18.30		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.21	19.28	19.27	20.1	0
1.4	QPSK	1	3	19.05	19.17	19.02		
1.4	QPSK	1	5	19.10	19.10	19.21		
1.4	QPSK	3	0	19.08	19.23	19.18		
1.4	QPSK	3	1	19.00	19.13	19.02		
1.4	QPSK	3	3	19.07	19.17	19.13		
1.4	QPSK	6	0	19.11	19.09	19.08	20.1	0
1.4	16QAM	1	0	19.10	19.11	19.14	20.1	0
1.4	16QAM	1	3	19.02	19.05	19.10		
1.4	16QAM	1	5	18.97	19.19	19.16		
1.4	16QAM	3	0	19.08	19.07	19.10		
1.4	16QAM	3	1	19.19	19.14	19.03		
1.4	16QAM	3	3	19.01	19.20	19.23		
1.4	16QAM	6	0	19.14	19.15	19.12	20.1	0
1.4	64QAM	1	0	19.06	19.20	19.10	20.1	0
1.4	64QAM	1	3	19.14	19.17	19.17		
1.4	64QAM	1	5	18.98	19.18	19.13		
1.4	64QAM	3	0	19.07	19.10	19.22		
1.4	64QAM	3	1	19.08	19.22	19.09		
1.4	64QAM	3	3	19.00	19.13	19.02		
1.4	64QAM	6	0	19.01	19.10	19.18	20.1	0
1.4	256QAM	1	0	18.26	18.30	18.35	19.6	0.5
1.4	256QAM	1	3	18.23	18.29	18.21		
1.4	256QAM	1	5	18.08	18.23	18.18		
1.4	256QAM	3	0	18.21	18.34	18.29		
1.4	256QAM	3	1	18.07	18.31	18.19		
1.4	256QAM	3	3	18.08	18.25	18.14		
1.4	256QAM	6	0	18.05	18.23	18.29	19.6	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.15	22.20	22.18	23	0
20	QPSK	1	49	22.00	22.12	22.12		
20	QPSK	1	99	22.04	22.19	22.03		
20	QPSK	50	0	22.05	22.18	22.17	23	0
20	QPSK	50	24	22.04	22.13	22.09		
20	QPSK	50	50	22.03	22.15	22.15		
20	QPSK	100	0	22.00	22.15	22.12		
20	16QAM	1	0	22.06	22.18	22.05	23	0
20	16QAM	1	49	22.14	22.13	22.05		
20	16QAM	1	99	22.08	22.17	22.11		
20	16QAM	50	0	22.06	22.10	22.11	23	0
20	16QAM	50	24	22.00	22.19	22.05		
20	16QAM	50	50	22.02	22.19	22.07		
20	16QAM	100	0	22.12	22.12	22.05		
20	64QAM	1	0	22.02	22.12	22.06	23	0
20	64QAM	1	49	22.13	22.16	22.16		
20	64QAM	1	99	22.09	22.15	22.09		
20	64QAM	50	0	21.61	21.74	21.75	22.5	0.5
20	64QAM	50	24	21.70	21.73	21.73		
20	64QAM	50	50	21.71	21.67	21.72		
20	64QAM	100	0	21.66	21.69	21.65		
20	256QAM	1	0	18.19	18.33	18.31	19.5	3.5
20	256QAM	1	49	18.17	18.20	18.18		
20	256QAM	1	99	18.15	18.23	18.14		
20	256QAM	50	0	18.18	18.23	18.20	19.5	3.5
20	256QAM	50	24	18.10	18.25	18.19		
20	256QAM	50	50	18.21	18.25	18.24		
20	256QAM	100	0	18.20	18.30	18.18		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.03	22.07	22.08	23	0
15	QPSK	1	37	21.97	22.05	22.00		
15	QPSK	1	74	22.03	22.04	21.99		
15	QPSK	36	0	22.01	22.09	22.09	23	0
15	QPSK	36	20	21.98	22.12	22.08		
15	QPSK	36	39	22.02	22.13	22.01		
15	QPSK	75	0	21.94	22.07	22.04		
15	16QAM	1	0	22.01	22.15	21.96	23	0
15	16QAM	1	37	22.11	22.02	21.99		
15	16QAM	1	74	21.94	22.12	22.01		
15	16QAM	36	0	21.96	22.07	22.06	23	0
15	16QAM	36	20	21.89	22.08	21.90		
15	16QAM	36	39	21.93	22.08	22.01		
15	16QAM	75	0	21.97	22.05	21.93		
15	64QAM	1	0	21.87	21.97	21.99	23	0
15	64QAM	1	37	22.01	22.07	22.04		
15	64QAM	1	74	22.02	22.01	22.04		
15	64QAM	36	0	21.47	21.73	21.67	22.5	0.5
15	64QAM	36	20	21.55	21.59	21.62		
15	64QAM	36	39	21.63	21.63	21.69		
15	64QAM	75	0	21.54	21.55	21.54		
15	256QAM	1	0	18.16	18.25	18.28	19.5	3.5
15	256QAM	1	37	18.08	18.05	18.15		
15	256QAM	1	74	18.00	18.10	18.02		
15	256QAM	36	0	18.06	18.14	18.17	19.5	3.5
15	256QAM	36	20	17.96	18.18	18.09		
15	256QAM	36	39	18.18	18.24	18.23		
15	256QAM	75	0	18.11	18.21	18.06		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.09	22.18	22.03	23	0
10	QPSK	1	25	21.87	22.00	22.08		
10	QPSK	1	49	22.00	22.11	21.91		
10	QPSK	25	0	21.93	22.11	22.13	23	0
10	QPSK	25	12	21.97	21.98	21.97		
10	QPSK	25	25	21.96	22.02	22.03		
10	QPSK	50	0	21.98	22.05	22.02		
10	16QAM	1	0	22.00	22.10	21.91	23	0
10	16QAM	1	25	22.01	22.08	21.91		
10	16QAM	1	49	21.96	22.04	21.96		
10	16QAM	25	0	21.98	22.00	21.99	23	0
10	16QAM	25	12	21.92	22.16	21.99		
10	16QAM	25	25	21.93	22.18	21.97		
10	16QAM	50	0	22.05	21.99	21.91		
10	64QAM	1	0	22.00	22.06	22.02	23	0
10	64QAM	1	25	22.06	22.15	22.01		
10	64QAM	1	49	22.04	22.09	21.95		
10	64QAM	25	0	21.50	21.62	21.62	22.5	0.5
10	64QAM	25	12	21.60	21.58	21.67		
10	64QAM	25	25	21.68	21.64	21.58		
10	64QAM	50	0	21.57	21.59	21.56		
10	256QAM	1	0	18.05	18.26	18.27	19.5	3.5
10	256QAM	1	25	18.02	18.19	18.17		
10	256QAM	1	49	18.14	18.18	18.02		
10	256QAM	25	0	18.11	18.17	18.15	19.5	3.5
10	256QAM	25	12	18.06	18.22	18.13		
10	256QAM	25	25	18.20	18.13	18.12		
10	256QAM	50	0	18.19	18.25	18.23		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.03	22.09	22.08	23	0
5	QPSK	1	12	21.88	21.99	22.11		
5	QPSK	1	24	21.93	22.04	22.02		
5	QPSK	12	0	22.00	22.06	22.10	23	0
5	QPSK	12	7	21.96	22.06	22.05		
5	QPSK	12	13	21.96	22.12	22.05		
5	QPSK	25	0	21.88	22.08	22.02		
5	16QAM	1	0	21.97	22.11	21.96	23	0
5	16QAM	1	12	22.07	21.99	21.93		
5	16QAM	1	24	22.07	22.09	22.00		
5	16QAM	12	0	21.93	22.00	22.01	23	0
5	16QAM	12	7	21.92	22.12	21.92		
5	16QAM	12	13	22.01	22.07	22.04		
5	16QAM	25	0	22.00	21.99	22.04		
5	64QAM	1	0	21.97	22.07	22.00	23	0
5	64QAM	1	12	22.08	22.01	22.12		
5	64QAM	1	24	22.02	22.05	22.01		
5	64QAM	12	0	21.47	21.61	21.70	22.5	0.5
5	64QAM	12	7	21.60	21.64	21.71		
5	64QAM	12	13	21.59	21.62	21.60		
5	64QAM	25	0	21.63	21.72	21.74		
5	256QAM	1	0	18.19	18.34	18.32	19.5	3.5
5	256QAM	1	12	18.16	18.21	18.23		
5	256QAM	1	24	18.14	18.21	18.19		
5	256QAM	12	0	18.18	18.30	18.22	19.5	3.5
5	256QAM	12	7	18.05	18.32	18.28		
5	256QAM	12	13	18.20	18.34	18.29		
5	256QAM	25	0	18.28	18.39	18.27		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.06	22.18	22.11	23	0
3	QPSK	1	8	21.99	21.97	22.01		
3	QPSK	1	14	22.02	22.05	21.98		
3	QPSK	8	0	22.03	22.04	22.09	23	0
3	QPSK	8	4	21.91	22.09	21.98		
3	QPSK	8	7	22.01	22.14	22.13		
3	QPSK	15	0	21.88	22.08	22.00		
3	16QAM	1	0	21.99	22.03	21.98	23	0
3	16QAM	1	8	22.11	22.05	22.02		
3	16QAM	1	14	21.93	22.08	22.02		
3	16QAM	8	0	22.00	22.05	21.97	23	0
3	16QAM	8	4	21.86	22.12	21.98		
3	16QAM	8	7	21.99	22.10	22.02		
3	16QAM	15	0	22.07	22.01	21.91		
3	64QAM	1	0	21.98	22.03	21.98	23	0
3	64QAM	1	8	22.12	22.09	22.01		
3	64QAM	1	14	22.03	22.01	22.02		
3	64QAM	8	0	21.53	21.71	21.61	22.5	0.5
3	64QAM	8	4	21.69	21.68	21.58		
3	64QAM	8	7	21.60	21.65	21.60		
3	64QAM	15	0	21.62	21.54	21.59		
3	256QAM	1	0	18.10	18.28	18.23	19.5	3.5
3	256QAM	1	8	18.06	18.19	18.09		
3	256QAM	1	14	18.02	18.13	18.06		
3	256QAM	8	0	18.24	18.30	18.21	19.5	3.5
3	256QAM	8	4	18.18	18.23	18.17		
3	256QAM	8	7	18.30	18.26	18.33		
3	256QAM	15	0	18.22	18.31	18.16		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.03	22.12	22.06	23	0
1.4	QPSK	1	3	21.97	21.99	21.99		
1.4	QPSK	1	5	21.94	22.17	21.94		
1.4	QPSK	3	0	22.09	22.06	22.13		
1.4	QPSK	3	1	21.85	22.06	21.97		
1.4	QPSK	3	3	21.95	22.07	21.91		
1.4	QPSK	6	0	21.98	22.17	22.11	23	0
1.4	16QAM	1	0	22.00	21.99	21.94	23	0
1.4	16QAM	1	3	22.02	22.02	22.12		
1.4	16QAM	1	5	21.88	22.06	22.01		
1.4	16QAM	3	0	22.02	22.10	21.93		
1.4	16QAM	3	1	22.09	22.09	22.00		
1.4	16QAM	3	3	22.05	22.09	21.99		
1.4	16QAM	6	0	22.03	22.09	22.02	23	0
1.4	64QAM	1	0	21.98	22.06	21.98	23	0
1.4	64QAM	1	3	21.91	22.06	22.04		
1.4	64QAM	1	5	21.97	21.98	21.96		
1.4	64QAM	3	0	21.94	22.09	22.01		
1.4	64QAM	3	1	22.00	22.01	22.12		
1.4	64QAM	3	3	22.00	22.08	22.02		
1.4	64QAM	6	0	21.75	21.73	21.65	22.5	0.5
1.4	256QAM	1	0	18.23	18.41	18.35	19.5	3.5
1.4	256QAM	1	3	18.14	18.24	18.16		
1.4	256QAM	1	5	18.16	18.27	18.22		
1.4	256QAM	3	0	18.22	18.25	18.27		
1.4	256QAM	3	1	18.07	18.23	18.23		
1.4	256QAM	3	3	18.17	18.32	18.26		
1.4	256QAM	6	0	18.20	18.36	18.21	19.5	3.5

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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)	Ch Delta > 0.5
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.70	18.80	18.72	19.3	0.19
20	QPSK	1	49	18.61	18.79	18.67		
20	QPSK	1	99	18.69	18.74	18.68		
20	QPSK	50	0	18.69	18.78	18.70	19.3	0.21
20	QPSK	50	24	18.59	18.76	18.66		
20	QPSK	50	50	18.65	18.68	18.59		
20	QPSK	100	0	18.62	18.65	18.57		
20	16QAM	1	0	18.68	18.65	18.60	19.3	0.18
20	16QAM	1	49	18.59	18.77	18.68		
20	16QAM	1	99	18.63	18.69	18.59		
20	16QAM	50	0	18.64	18.70	18.57	19.3	0.20
20	16QAM	50	24	18.57	18.77	18.61		
20	16QAM	50	50	18.69	18.69	18.68		
20	16QAM	100	0	18.62	18.66	18.58		
20	64QAM	1	0	18.66	18.69	18.62	19.3	0.14
20	64QAM	1	49	18.65	18.76	18.69		
20	64QAM	1	99	18.67	18.74	18.65		
20	64QAM	50	0	18.58	18.74	18.69	19.3	0.19
20	64QAM	50	24	18.64	18.70	18.67		
20	64QAM	50	50	18.55	18.70	18.60		
20	64QAM	100	0	18.63	18.69	18.63		
20	256QAM	1	0	15.49	15.60	15.49	16.8	0.17
20	256QAM	1	49	15.44	15.52	15.43		
20	256QAM	1	99	15.43	15.55	15.52		
20	256QAM	50	0	15.41	15.47	15.35	16.8	0.24
20	256QAM	50	24	15.35	15.49	15.34		
20	256QAM	50	50	15.36	15.51	15.43		
20	256QAM	100	0	15.43	15.58	15.53		
Channel				20025	20175	20325	Tune-up limit (dBm)	Ch Delta > 0.5
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.58	18.72	18.60	19.3	0.22
15	QPSK	1	37	18.50	18.71	18.52		
15	QPSK	1	74	18.65	18.69	18.60		
15	QPSK	36	0	18.57	18.66	18.63	19.3	0.19
15	QPSK	36	20	18.52	18.70	18.62		
15	QPSK	36	39	18.61	18.58	18.51		
15	QPSK	75	0	18.60	18.60	18.55		
15	16QAM	1	0	18.61	18.56	18.54	19.3	0.15
15	16QAM	1	37	18.51	18.65	18.66		
15	16QAM	1	74	18.56	18.60	18.56		
15	16QAM	36	0	18.49	18.69	18.48	19.3	0.33
15	16QAM	36	20	18.50	18.76	18.58		
15	16QAM	36	39	18.57	18.55	18.55		
15	16QAM	75	0	18.48	18.61	18.43		
15	64QAM	1	0	18.65	18.63	18.54	19.3	0.15
15	64QAM	1	37	18.58	18.69	18.62		
15	64QAM	1	74	18.57	18.61	18.56		
15	64QAM	36	0	18.52	18.64	18.54	19.3	0.21
15	64QAM	36	20	18.50	18.58	18.59		
15	64QAM	36	39	18.48	18.69	18.52		
15	64QAM	75	0	18.48	18.60	18.62		
15	256QAM	1	0	15.43	15.52	15.46	16.8	0.20
15	256QAM	1	37	15.36	15.38	15.38		
15	256QAM	1	74	15.32	15.52	15.48		
15	256QAM	36	0	15.35	15.46	15.34	16.8	0.29
15	256QAM	36	20	15.32	15.39	15.20		
15	256QAM	36	39	15.22	15.39	15.42		
15	256QAM	75	0	15.29	15.47	15.49		
Channel				20000	20175	20350	Tune-up limit (dBm)	Ch Delta > 0.5
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.68	18.70	18.58	19.3	0.18
10	QPSK	1	25	18.59	18.76	18.60		
10	QPSK	1	49	18.68	18.70	18.66		
10	QPSK	25	0	18.64	18.65	18.61	19.3	0.21
10	QPSK	25	12	18.45	18.64	18.51		
10	QPSK	25	25	18.64	18.58	18.48		
10	QPSK	50	0	18.48	18.60	18.44		
10	16QAM	1	0	18.59	18.55	18.48	19.3	0.17
10	16QAM	1	25	18.50	18.65	18.64		
10	16QAM	1	49	18.61	18.54	18.51		
10	16QAM	25	0	18.51	18.65	18.51	19.3	0.18
10	16QAM	25	12	18.50	18.66	18.57		
10	16QAM	25	25	18.59	18.60	18.64		
10	16QAM	50	0	18.48	18.53	18.50		
10	64QAM	1	0	18.57	18.54	18.56	19.3	0.21
10	64QAM	1	25	18.61	18.73	18.55		
10	64QAM	1	49	18.52	18.67	18.63		
10	64QAM	25	0	18.51	18.62	18.56	19.3	0.13
10	64QAM	25	12	18.60	18.57	18.56		
10	64QAM	25	25	18.49	18.55	18.51		
10	64QAM	50	0	18.58	18.55	18.61		
10	256QAM	1	0	15.40	15.59	15.42	16.8	0.28
10	256QAM	1	25	15.31	15.42	15.34		
10	256QAM	1	49	15.40	15.45	15.37		
10	256QAM	25	0	15.36	15.35	15.26	16.8	0.29
10	256QAM	25	12	15.31	15.38	15.31		
10	256QAM	25	25	15.34	15.50	15.36		
10	256QAM	50	0	15.29	15.55	15.38		
Channel				19975	20175	20375	Tune-up limit (dBm)	Ch Delta > 0.5
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.58	18.75	18.64	19.3	0.22
5	QPSK	1	12	18.54	18.73	18.63		
5	QPSK	1	24	18.67	18.71	18.53		
5	QPSK	12	0	18.61	18.68	18.57	19.3	0.23
5	QPSK	12	7	18.51	18.69	18.64		
5	QPSK	12	13	18.61	18.54	18.50		
5	QPSK	25	0	18.58	18.50	18.46		
5	16QAM	1	0	18.63	18.58	18.56	19.3	0.25
5	16QAM	1	12	18.45	18.70	18.61		
5	16QAM	1	24	18.54	18.64	18.51		
5	16QAM	12	0	18.59	18.59	18.56	19.3	0.18
5	16QAM	12	7	18.54	18.62	18.54		
5	16QAM	12	13	18.57	18.63	18.62		
5	16QAM	25	0	18.61	18.53	18.45		
5	64QAM	1	0	18.63	18.65	18.54	19.3	0.13
5	64QAM	1	12	18.57	18.66	18.54		
5	64QAM	1	24	18.58	18.60	18.53		
5	64QAM	12	0	18.57	18.65	18.62	19.3	0.22
5	64QAM	12	7	18.49	18.64	18.56		
5	64QAM	12	13	18.46	18.60	18.57		
5	64QAM	25	0	18.58	18.68	18.53		
5	256QAM	1	0	15.36	15.49	15.40	16.8	0.21
5	256QAM	1	12	15.38	15.49	15.31		
5	256QAM	1	24	15.28	15.46	15.47		
5	256QAM	12	0	15.32	15.40	15.25	16.8	0.32
5	256QAM	12	7	15.33	15.34	15.20		
5	256QAM	12	13	15.29	15.42	15.37		
5	256QAM	25	0	15.38	15.52	15.40		
Channel				19965	20175	20385	Tune-up limit (dBm)	Ch Delta > 0.5
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.63	18.68	18.64	19.3	0.14
3	QPSK	1	8	18.60	18.68	18.63		
3	QPSK	1	14	18.62	18.73	18.59		
3	QPSK	8	0	18.63	18.76	18.66	19.3	0.28
3	QPSK	8	4	18.48	18.63	18.62		
3	QPSK	8	7	18.59	18.65	18.58		
3	QPSK	15	0	18.58	18.52	18.49		
3	16QAM	1	0	18.56	18.61	18.56	19.3	0.25
3	16QAM	1	8	18.55	18.75	18.59		
3	16QAM	1	14	18.52	18.62	18.50		
3	16QAM	8	0	18.50	18.69	18.46	19.3	0.31
3	16QAM	8	4	18.44	18.75	18.47		
3	16QAM	8	7	18.58	18.65	18.57		
3	16QAM	15	0	18.53	18.51	18.49		
3	64QAM	1	0	18.59	18.59	18.54	19.3	0.11
3	64QAM	1	8	18.57	18.63	18.59		
3	64QAM	1	14	18.61	18.65	18.57		
3	64QAM	8	0	18.46	18.66	18.64	19.3	0.20
3	64QAM	8	4	18.63	18.66	18.54		
3	64QAM	8	7	18.50	18.61	18.56		
3	64QAM	15	0	18.53	18.58	18.56		
3	256QAM	1	0	15.39	15.56	15.45	16.8	0.26
3	256QAM	1	8	15.38	15.39	15.37		
3	256QAM	1	14	15.30	15.48	15.51		
3	256QAM	8	0	15.32	15.45	15.33	16.8	0.31
3	256QAM	8	4	15.32	15.43	15.21		
3	256QAM	8	7	15.26	15.42	15.40		
3	256QAM	15	0	15.28	15.52	15.42		
Channel				19957	20175	20393	Tune-up limit (dBm)	Ch Delta > 0.5
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.57	18.65	18.69	19.3	0.29
1.4	QPSK	1	3	18.51	18.77	18.57		
1.4	QPSK	1	5	18.56	18.65	18.67		
1.4	QPSK	3	0	18.57	18.75	18.62		
1.4	QPSK	3	1	18.48	18.70	18.57		
1.4	QPSK	3	3	18.56	18.62	18.54		
1.4	QPSK	6	0	18.47	18.57	18.48	19.3	0.10
1.4	16QAM	1	0	18.67	18.55	18.58	19.3	0.25
1.4	16QAM	1	3	18.47	18.70	18.55		
1.4	16QAM	1	5	18.52	18.60	18.46		
1.4	16QAM	3	0	18.50	18.56	18.49		
1.4	16QAM	3	1	18.45	18.65	18.60		
1.4	16QAM	3	3	18.65	18.56	18.64		
1.4	16QAM	6	0	18.52	18.52	18.46	19.3	0.06
1.4	64QAM	1	0	18.60	18.63	18.60	19.3	0.23
1.4	64QAM	1	3	18.50	18.73	18.54		
1.4	64QAM	1	5	18.65	18.62	18.56		
1.4	64QAM	3	0	18.57	18.64	18.61		
1.4	64QAM	3	1	18.57	18.63	18.60		
1.4	64QAM	3	3	18.50	18.56	18.51		
1.4	64QAM	6	0	18.58	18.59	18.60	19.3	0.02
1.4	256QAM	1	0	15.41	15.52	15.38	16.8	0.32
1.4	256QAM	1	3	15.35	15.39	15.32		
1.4	256QAM	1	5	15.40	15.48	15.47		
1.4	256QAM	3	0	15.29	15.46	15.20		
1.4	256QAM	3	1	15.26	15.35	15.26		
1.4	256QAM	3	3	15.35	15.39	15.30		
1.4	256QAM	6	0	15.36	15.52	15.52	16.8	0.16

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	24.12	24.15	24.08	25	0
10	QPSK	1	25	23.99	24.10	24.01		
10	QPSK	1	49	24.07	23.99	23.97		
10	QPSK	25	0	23.55	23.60	23.53	24.5	0.5
10	QPSK	25	12	23.52	23.49	23.46		
10	QPSK	25	25	23.53	23.52	23.38		
10	QPSK	50	0	23.51	23.53	23.51		
10	16QAM	1	0	23.85	23.79	23.86	24.5	0.5
10	16QAM	1	25	23.65	23.77	23.66		
10	16QAM	1	49	23.80	23.68	23.75		
10	16QAM	25	0	22.93	22.98	23.05	24	1
10	16QAM	25	12	23.03	23.03	23.01		
10	16QAM	25	25	22.92	23.03	22.91		
10	16QAM	50	0	23.00	23.08	22.95		
10	64QAM	1	0	22.60	22.43	22.53	24	1
10	64QAM	1	25	22.68	22.64	22.51		
10	64QAM	1	49	22.65	22.65	22.49		
10	64QAM	25	0	21.84	21.97	22.00	23	2
10	64QAM	25	12	22.00	21.97	22.00		
10	64QAM	25	25	21.96	21.98	21.84		
10	64QAM	50	0	21.99	22.01	21.90		
10	256QAM	1	0	18.62	18.66	18.54	20	5
10	256QAM	1	25	18.62	18.63	18.52		
10	256QAM	1	49	18.55	18.57	18.46		
10	256QAM	25	0	18.44	18.59	18.55	20	5
10	256QAM	25	12	18.49	18.52	18.42		
10	256QAM	25	25	18.47	18.57	18.44		
10	256QAM	50	0	18.52	18.62	18.50		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.97	24.08	23.93	25	0
5	QPSK	1	12	24.06	24.14	23.96		
5	QPSK	1	24	23.93	23.97	23.82		
5	QPSK	12	0	23.42	23.51	23.48	24.5	0.5
5	QPSK	12	7	23.42	23.41	23.40		
5	QPSK	12	13	23.41	23.46	23.30		
5	QPSK	25	0	23.50	23.52	23.42		
5	16QAM	1	0	23.72	23.70	23.73	24.5	0.5
5	16QAM	1	12	23.59	23.71	23.55		
5	16QAM	1	24	23.67	23.58	23.74		
5	16QAM	12	0	22.78	22.92	23.02	24	1
5	16QAM	12	7	22.93	22.95	22.90		
5	16QAM	12	13	22.79	22.94	22.80		
5	16QAM	25	0	22.92	23.05	22.83		
5	64QAM	1	0	22.49	22.34	22.38	24	1
5	64QAM	1	12	22.67	22.59	22.40		
5	64QAM	1	24	22.54	22.64	22.39		
5	64QAM	12	0	21.74	21.89	21.88	23	2
5	64QAM	12	7	21.87	21.86	21.90		
5	64QAM	12	13	21.94	21.96	21.76		
5	64QAM	25	0	21.87	21.96	21.87		
5	256QAM	1	0	18.48	18.54	18.43	20	5
5	256QAM	1	12	18.55	18.60	18.40		
5	256QAM	1	24	18.44	18.51	18.36		
5	256QAM	12	0	18.30	18.55	18.40	20	5
5	256QAM	12	7	18.42	18.37	18.31		
5	256QAM	12	13	18.43	18.42	18.39		
5	256QAM	25	0	18.45	18.52	18.46		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.86	24.05	23.96	25	0
3	QPSK	1	8	23.98	24.01	24.01		
3	QPSK	1	14	23.96	23.84	23.87		
3	QPSK	8	0	23.43	23.45	23.51	24.5	0.5
3	QPSK	8	4	23.48	23.47	23.38		
3	QPSK	8	7	23.38	23.41	23.26		
3	QPSK	15	0	23.41	23.50	23.41		
3	16QAM	1	0	23.84	23.74	23.78	24.5	0.5
3	16QAM	1	8	23.56	23.67	23.51		
3	16QAM	1	14	23.78	23.56	23.74		
3	16QAM	8	0	22.85	22.83	23.04	24	1
3	16QAM	8	4	22.97	22.98	22.96		
3	16QAM	8	7	22.79	22.89	22.85		
3	16QAM	15	0	22.98	23.06	22.82		
3	64QAM	1	0	22.45	22.34	22.47	24	1
3	64QAM	1	8	22.58	22.62	22.50		
3	64QAM	1	14	22.57	22.60	22.38		
3	64QAM	8	0	21.75	21.85	21.98	23	2
3	64QAM	8	4	21.86	21.86	21.94		
3	64QAM	8	7	21.85	21.87	21.75		
3	64QAM	15	0	21.96	21.91	21.76		
3	256QAM	1	0	18.49	18.63	18.49	20	5
3	256QAM	1	8	18.55	18.58	18.42		
3	256QAM	1	14	18.54	18.46	18.44		
3	256QAM	8	0	18.41	18.47	18.52	20	5
3	256QAM	8	4	18.35	18.43	18.37		
3	256QAM	8	7	18.39	18.47	18.40		
3	256QAM	15	0	18.41	18.57	18.47		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.95	23.97	23.91	25	0
1.4	QPSK	1	3	24.00	24.11	24.05		
1.4	QPSK	1	5	23.93	23.88	23.90		
1.4	QPSK	3	0	23.90	24.09	24.00		
1.4	QPSK	3	1	24.08	24.08	24.06		
1.4	QPSK	3	3	23.98	23.84	23.83		
1.4	QPSK	6	0	23.47	23.43	23.44	24.5	0.5
1.4	16QAM	1	0	23.70	23.75	23.76	24.5	0.5
1.4	16QAM	1	3	23.61	23.75	23.63		
1.4	16QAM	1	5	23.77	23.53	23.66		
1.4	16QAM	3	0	23.81	23.75	23.72		
1.4	16QAM	3	1	23.51	23.63	23.63		
1.4	16QAM	3	3	23.65	23.63	23.66		
1.4	16QAM	6	0	22.87	23.02	22.90	24	1
1.4	64QAM	1	0	22.56	22.38	22.45	24	1
1.4	64QAM	1	3	22.63	22.58	22.44		
1.4	64QAM	1	5	22.55	22.61	22.48		
1.4	64QAM	3	0	22.52	22.28	22.49		
1.4	64QAM	3	1	22.64	22.49	22.41		
1.4	64QAM	3	3	22.50	22.63	22.44		
1.4	64QAM	6	0	21.98	21.93	21.85	23	2
1.4	256QAM	1	0	18.54	18.54	18.45	20	5
1.4	256QAM	1	3	18.55	18.49	18.38		
1.4	256QAM	1	5	18.54	18.54	18.40		
1.4	256QAM	3	0	18.36	18.44	18.53		
1.4	256QAM	3	1	18.38	18.48	18.35		
1.4	256QAM	3	3	18.39	18.56	18.29		
1.4	256QAM	6	0	18.46	18.58	18.49	20	5

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.00	21.05	21.02	22	0
10	QPSK	1	25	20.96	21.02	20.98		
10	QPSK	1	49	20.86	20.90	20.92		
10	QPSK	25	0	20.99	21.02	20.98	22	0
10	QPSK	25	12	20.87	21.00	20.93		
10	QPSK	25	25	20.97	20.99	20.97		
10	QPSK	50	0	20.93	20.96	20.88		
10	16QAM	1	0	20.86	20.95	20.96	22	0
10	16QAM	1	25	20.96	21.04	20.92		
10	16QAM	1	49	20.95	20.95	20.99		
10	16QAM	25	0	20.92	21.04	20.93	22	0
10	16QAM	25	12	20.98	21.02	20.93		
10	16QAM	25	25	20.97	20.99	20.87		
10	16QAM	50	0	20.88	20.92	20.97		
10	64QAM	1	0	20.98	20.91	20.99	22	0
10	64QAM	1	25	20.93	20.97	20.89		
10	64QAM	1	49	20.93	20.93	20.95		
10	64QAM	25	0	20.96	20.96	20.93	22	0
10	64QAM	25	12	20.99	21.04	21.01		
10	64QAM	25	25	20.99	20.98	20.87		
10	64QAM	50	0	20.96	20.97	21.00		
10	256QAM	1	0	18.31	18.35	18.25	19.5	2.5
10	256QAM	1	25	18.21	18.32	18.29		
10	256QAM	1	49	18.24	18.30	18.15		
10	256QAM	25	0	18.14	18.24	18.23	19.5	2.5
10	256QAM	25	12	18.13	18.21	18.16		
10	256QAM	25	25	18.28	18.30	18.29		
10	256QAM	50	0	18.23	18.31	18.30		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.93	20.94	20.96	22	0
5	QPSK	1	12	20.94	20.95	20.83		
5	QPSK	1	24	20.82	20.89	20.87		
5	QPSK	12	0	20.89	20.87	20.96	22	0
5	QPSK	12	7	20.85	20.97	20.82		
5	QPSK	12	13	20.82	20.94	20.95		
5	QPSK	25	0	20.87	20.85	20.73		
5	16QAM	1	0	20.80	20.92	20.84	22	0
5	16QAM	1	12	20.92	20.99	20.81		
5	16QAM	1	24	20.94	20.86	20.85		
5	16QAM	12	0	20.90	20.91	20.89	22	0
5	16QAM	12	7	20.83	20.95	20.83		
5	16QAM	12	13	20.96	20.92	20.74		
5	16QAM	25	0	20.85	20.86	20.87		
5	64QAM	1	0	20.94	20.80	20.97	22	0
5	64QAM	1	12	20.83	20.90	20.75		
5	64QAM	1	24	20.82	20.84	20.88		
5	64QAM	12	0	20.81	20.81	20.79	22	0
5	64QAM	12	7	20.98	21.02	20.96		
5	64QAM	12	13	20.84	20.91	20.84		
5	64QAM	25	0	20.86	20.86	20.96		
5	256QAM	1	0	18.25	18.23	18.19	19.5	2.5
5	256QAM	1	12	18.20	18.21	18.22		
5	256QAM	1	24	18.17	18.27	18.03		
5	256QAM	12	0	18.12	18.12	18.20	19.5	2.5
5	256QAM	12	7	18.03	18.13	18.05		
5	256QAM	12	13	18.19	18.23	18.24		
5	256QAM	25	0	18.09	18.16	18.15		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.86	21.00	20.98	22	0
3	QPSK	1	8	20.88	20.98	20.88		
3	QPSK	1	14	20.85	20.85	20.77		
3	QPSK	8	0	20.94	20.97	20.83	22	0
3	QPSK	8	4	20.77	20.93	20.88		
3	QPSK	8	7	20.83	20.86	20.84		
3	QPSK	15	0	20.92	20.81	20.78		
3	16QAM	1	0	20.72	20.83	20.95	22	0
3	16QAM	1	8	20.88	20.99	20.81		
3	16QAM	1	14	20.92	20.81	20.87		
3	16QAM	8	0	20.88	20.91	20.82	22	0
3	16QAM	8	4	20.92	20.96	20.81		
3	16QAM	8	7	20.84	20.94	20.72		
3	16QAM	15	0	20.83	20.89	20.85		
3	64QAM	1	0	20.93	20.77	20.89	22	0
3	64QAM	1	8	20.90	20.91	20.86		
3	64QAM	1	14	20.85	20.91	20.84		
3	64QAM	8	0	20.90	20.90	20.86	22	0
3	64QAM	8	4	20.85	20.90	20.99		
3	64QAM	8	7	20.90	20.96	20.74		
3	64QAM	15	0	20.91	20.84	20.91		
3	256QAM	1	0	18.18	18.32	18.15	19.5	2.5
3	256QAM	1	8	18.13	18.20	18.14		
3	256QAM	1	14	18.18	18.27	18.02		
3	256QAM	8	0	18.06	18.10	18.12	19.5	2.5
3	256QAM	8	4	18.04	18.19	18.09		
3	256QAM	8	7	18.24	18.22	18.24		
3	256QAM	15	0	18.13	18.24	18.24		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.87	20.93	20.89	22	0
1.4	QPSK	1	3	20.89	20.98	20.91		
1.4	QPSK	1	5	20.83	20.79	20.90		
1.4	QPSK	3	0	20.90	20.92	20.83		
1.4	QPSK	3	1	20.83	20.99	20.89		
1.4	QPSK	3	3	20.95	20.96	20.85		
1.4	QPSK	6	0	20.92	20.91	20.73	22	0
1.4	16QAM	1	0	20.83	20.88	20.83	22	0
1.4	16QAM	1	3	20.84	20.93	20.85		
1.4	16QAM	1	5	20.82	20.88	20.98		
1.4	16QAM	3	0	20.89	20.93	20.89		
1.4	16QAM	3	1	20.87	20.88	20.84		
1.4	16QAM	3	3	20.94	20.84	20.78		
1.4	16QAM	6	0	20.85	20.85	20.94	22	0
1.4	64QAM	1	0	20.96	20.84	20.90	22	0
1.4	64QAM	1	3	20.84	20.85	20.81		
1.4	64QAM	1	5	20.86	20.81	20.84		
1.4	64QAM	3	0	20.82	20.92	20.89		
1.4	64QAM	3	1	20.94	20.95	20.86		
1.4	64QAM	3	3	20.92	20.92	20.80		
1.4	64QAM	6	0	20.88	20.89	20.96	22	0
1.4	256QAM	1	0	18.24	18.30	18.24	19.5	2.5
1.4	256QAM	1	3	18.10	18.25	18.24		
1.4	256QAM	1	5	18.15	18.26	18.05		
1.4	256QAM	3	0	18.02	18.10	18.09		
1.4	256QAM	3	1	18.09	18.08	18.02		
1.4	256QAM	3	3	18.25	18.23	18.26		
1.4	256QAM	6	0	18.16	18.23	18.20	19.5	2.5

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	18.82	18.88	18.80	19.5	0
20	QPSK	1	49	18.69	18.79	18.67		
20	QPSK	1	99	18.72	18.80	18.76		
20	QPSK	50	0	18.76	18.84	18.77	19.5	0
20	QPSK	50	24	18.74	18.78	18.72		
20	QPSK	50	50	18.73	18.73	18.69		
20	QPSK	100	0	18.67	18.83	18.76		
20	16QAM	1	0	18.67	18.73	18.73	19.5	0
20	16QAM	1	49	18.81	18.75	18.75		
20	16QAM	1	99	18.77	18.80	18.76		
20	16QAM	50	0	18.73	18.80	18.67	19.5	0
20	16QAM	50	24	18.78	18.85	18.66		
20	16QAM	50	50	18.75	18.80	18.70		
20	16QAM	100	0	18.79	18.80	18.78		
20	64QAM	1	0	18.77	18.75	18.73	19.5	0
20	64QAM	1	49	18.73	18.79	18.77		
20	64QAM	1	99	18.74	18.78	18.79		
20	64QAM	50	0	18.74	18.83	18.70	19.5	0
20	64QAM	50	24	18.69	18.79	18.75		
20	64QAM	50	50	18.67	18.78	18.69		
20	64QAM	100	0	18.80	18.79	18.67		
20	256QAM	1	0	18.74	18.82	18.78	19.5	0
20	256QAM	1	49	18.80	18.86	18.72		
20	256QAM	1	99	18.71	18.79	18.69		
20	256QAM	50	0	18.70	18.78	18.68	19.5	0
20	256QAM	50	24	18.74	18.76	18.70		
20	256QAM	50	50	18.67	18.80	18.72		
20	256QAM	100	0	18.73	18.83	18.76		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.76	18.77	18.66	19.5	0
15	QPSK	1	37	18.56	18.76	18.63		
15	QPSK	1	74	18.61	18.78	18.67		
15	QPSK	36	0	18.71	18.78	18.62	19.5	0
15	QPSK	36	20	18.68	18.76	18.63		
15	QPSK	36	39	18.67	18.61	18.68		
15	QPSK	75	0	18.62	18.76	18.65		
15	16QAM	1	0	18.56	18.66	18.63	19.5	0
15	16QAM	1	37	18.70	18.73	18.71		
15	16QAM	1	74	18.73	18.67	18.63		
15	16QAM	36	0	18.68	18.77	18.66	19.5	0
15	16QAM	36	20	18.67	18.81	18.58		
15	16QAM	36	39	18.61	18.79	18.61		
15	16QAM	75	0	18.67	18.76	18.69		
15	64QAM	1	0	18.73	18.68	18.63	19.5	0
15	64QAM	1	37	18.62	18.74	18.66		
15	64QAM	1	74	18.64	18.67	18.70		
15	64QAM	36	0	18.61	18.69	18.66	19.5	0
15	64QAM	36	20	18.59	18.74	18.70		
15	64QAM	36	39	18.52	18.77	18.65		
15	64QAM	75	0	18.78	18.67	18.61		
15	256QAM	1	0	18.67	18.80	18.75	19.5	0
15	256QAM	1	37	18.74	18.71	18.67		
15	256QAM	1	74	18.66	18.77	18.61		
15	256QAM	36	0	18.60	18.71	18.65	19.5	0
15	256QAM	36	20	18.71	18.61	18.64		
15	256QAM	36	39	18.60	18.66	18.61		
15	256QAM	75	0	18.67	18.82	18.63		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.81	18.87	18.67	19.5	0
10	QPSK	1	25	18.64	18.65	18.52		
10	QPSK	1	49	18.58	18.75	18.72		
10	QPSK	25	0	18.61	18.83	18.64	19.5	0
10	QPSK	25	12	18.62	18.74	18.67		
10	QPSK	25	25	18.62	18.61	18.56		
10	QPSK	50	0	18.56	18.68	18.67		
10	16QAM	1	0	18.66	18.66	18.61	19.5	0
10	16QAM	1	25	18.77	18.72	18.71		
10	16QAM	1	49	18.67	18.71	18.61		
10	16QAM	25	0	18.71	18.73	18.52	19.5	0
10	16QAM	25	12	18.67	18.81	18.59		
10	16QAM	25	25	18.73	18.66	18.69		
10	16QAM	50	0	18.67	18.66	18.67		
10	64QAM	1	0	18.62	18.69	18.67	19.5	0
10	64QAM	1	25	18.70	18.72	18.75		
10	64QAM	1	49	18.65	18.76	18.66		
10	64QAM	25	0	18.61	18.81	18.60	19.5	0
10	64QAM	25	12	18.60	18.74	18.62		
10	64QAM	25	25	18.66	18.66	18.56		
10	64QAM	50	0	18.76	18.65	18.55		
10	256QAM	1	0	18.66	18.77	18.75	19.5	0
10	256QAM	1	25	18.71	18.77	18.62		
10	256QAM	1	49	18.68	18.67	18.56		
10	256QAM	25	0	18.59	18.71	18.60	19.5	0
10	256QAM	25	12	18.67	18.74	18.59		
10	256QAM	25	25	18.65	18.74	18.71		
10	256QAM	50	0	18.59	18.72	18.73		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.77	18.82	18.77	19.5	0
5	QPSK	1	12	18.64	18.75	18.62		
5	QPSK	1	24	18.66	18.73	18.64		
5	QPSK	12	0	18.74	18.79	18.75	19.5	0
5	QPSK	12	7	18.73	18.70	18.64		
5	QPSK	12	13	18.72	18.70	18.57		
5	QPSK	25	0	18.65	18.70	18.68		
5	16QAM	1	0	18.65	18.68	18.72	19.5	0
5	16QAM	1	12	18.79	18.60	18.66		
5	16QAM	1	24	18.68	18.65	18.63		
5	16QAM	12	0	18.72	18.67	18.54	19.5	0
5	16QAM	12	7	18.76	18.72	18.57		
5	16QAM	12	13	18.73	18.71	18.61		
5	16QAM	25	0	18.77	18.66	18.70		
5	64QAM	1	0	18.67	18.72	18.65	19.5	0
5	64QAM	1	12	18.60	18.77	18.64		
5	64QAM	1	24	18.61	18.65	18.65		
5	64QAM	12	0	18.63	18.81	18.61	19.5	0
5	64QAM	12	7	18.59	18.66	18.64		
5	64QAM	12	13	18.60	18.69	18.57		
5	64QAM	25	0	18.72	18.78	18.66		
5	256QAM	1	0	18.65	18.79	18.72	19.5	0
5	256QAM	1	12	18.68	18.78	18.70		
5	256QAM	1	24	18.69	18.67	18.60		
5	256QAM	12	0	18.55	18.71	18.55	19.5	0
5	256QAM	12	7	18.71	18.72	18.67		
5	256QAM	12	13	18.63	18.75	18.71		
5	256QAM	25	0	18.65	18.75	18.73		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.70	18.88	18.78	19.5	0
20	QPSK	1	49	18.61	18.80	18.64		
20	QPSK	1	99	18.66	18.77	18.65		
20	QPSK	50	0	18.69	18.85	18.72	19.5	0
20	QPSK	50	24	18.65	18.80	18.68		
20	QPSK	50	50	18.63	18.76	18.65		
20	QPSK	100	0	18.64	18.82	18.68		
20	16QAM	1	0	18.66	18.81	18.64	19.5	0
20	16QAM	1	49	18.65	18.73	18.74		
20	16QAM	1	99	18.59	18.73	18.63		
20	16QAM	50	0	18.62	18.86	18.67	19.5	0
20	16QAM	50	24	18.60	18.87	18.73		
20	16QAM	50	50	18.68	18.76	18.74		
20	16QAM	100	0	18.63	18.78	18.74		
20	64QAM	1	0	18.66	18.76	18.64	19.5	0
20	64QAM	1	49	18.58	18.75	18.75		
20	64QAM	1	99	18.57	18.86	18.68		
20	64QAM	50	0	18.60	18.73	18.65	19.5	0
20	64QAM	50	24	18.68	18.73	18.68		
20	64QAM	50	50	18.59	18.78	18.65		
20	64QAM	100	0	18.63	18.76	18.64		
20	256QAM	1	0	18.49	18.63	18.59	19.5	0
20	256QAM	1	49	18.47	18.58	18.44		
20	256QAM	1	99	18.42	18.48	18.38		
20	256QAM	50	0	18.45	18.58	18.54	19.5	0
20	256QAM	50	24	18.51	18.59	18.50		
20	256QAM	50	50	18.48	18.56	18.48		
20	256QAM	100	0	18.52	18.55	18.46		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.61	18.79	18.73	19.5	0
15	QPSK	1	37	18.47	18.68	18.58		
15	QPSK	1	74	18.58	18.75	18.58		
15	QPSK	36	0	18.59	18.77	18.61	19.5	0
15	QPSK	36	20	18.59	18.73	18.62		
15	QPSK	36	39	18.49	18.65	18.55		
15	QPSK	75	0	18.56	18.71	18.64		
15	16QAM	1	0	18.53	18.69	18.61	19.5	0
15	16QAM	1	37	18.60	18.66	18.65		
15	16QAM	1	74	18.48	18.72	18.50		
15	16QAM	36	0	18.49	18.77	18.57	19.5	0
15	16QAM	36	20	18.56	18.78	18.64		
15	16QAM	36	39	18.57	18.71	18.65		
15	16QAM	75	0	18.51	18.68	18.73		
15	64QAM	1	0	18.54	18.68	18.51	19.5	0
15	64QAM	1	37	18.45	18.73	18.62		
15	64QAM	1	74	18.44	18.82	18.65		
15	64QAM	36	0	18.46	18.66	18.55	19.5	0
15	64QAM	36	20	18.54	18.72	18.55		
15	64QAM	36	39	18.51	18.67	18.61		
15	64QAM	75	0	18.48	18.69	18.59		
15	256QAM	1	0	18.47	18.56	18.53	19.5	0
15	256QAM	1	37	18.43	18.43	18.29		
15	256QAM	1	74	18.36	18.47	18.31		
15	256QAM	36	0	18.41	18.48	18.43	19.5	0
15	256QAM	36	20	18.50	18.49	18.36		
15	256QAM	36	39	18.33	18.52	18.36		
15	256QAM	75	0	18.45	18.43	18.36		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.64	18.84	18.66	19.5	0
10	QPSK	1	25	18.50	18.68	18.53		
10	QPSK	1	49	18.63	18.76	18.56		
10	QPSK	25	0	18.65	18.84	18.66	19.5	0
10	QPSK	25	12	18.55	18.72	18.62		
10	QPSK	25	25	18.51	18.67	18.60		
10	QPSK	50	0	18.54	18.67	18.66		
10	16QAM	1	0	18.54	18.79	18.63	19.5	0
10	16QAM	1	25	18.55	18.64	18.61		
10	16QAM	1	49	18.57	18.66	18.62		
10	16QAM	25	0	18.53	18.76	18.63	19.5	0
10	16QAM	25	12	18.56	18.73	18.71		
10	16QAM	25	25	18.57	18.75	18.60		
10	16QAM	50	0	18.61	18.74	18.67		
10	64QAM	1	0	18.57	18.70	18.57	19.5	0
10	64QAM	1	25	18.43	18.60	18.63		
10	64QAM	1	49	18.43	18.73	18.55		
10	64QAM	25	0	18.51	18.63	18.58	19.5	0
10	64QAM	25	12	18.65	18.69	18.62		
10	64QAM	25	25	18.55	18.74	18.64		
10	64QAM	50	0	18.56	18.63	18.50		
10	256QAM	1	0	18.41	18.50	18.53	19.5	0
10	256QAM	1	25	18.35	18.46	18.32		
10	256QAM	1	49	18.41	18.34	18.36		
10	256QAM	25	0	18.39	18.44	18.48	19.5	0
10	256QAM	25	12	18.36	18.46	18.36		
10	256QAM	25	25	18.46	18.50	18.40		
10	256QAM	50	0	18.50	18.40	18.39		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.68	18.80	18.75	19.5	0
5	QPSK	1	12	18.48	18.69	18.52		
5	QPSK	1	24	18.54	18.66	18.53		
5	QPSK	12	0	18.68	18.76	18.66	19.5	0
5	QPSK	12	7	18.50	18.78	18.59		
5	QPSK	12	13	18.53	18.68	18.59		
5	QPSK	25	0	18.58	18.68	18.61		
5	16QAM	1	0	18.55	18.76	18.63	19.5	0
5	16QAM	1	12	18.56	18.69	18.59		
5	16QAM	1	24	18.46	18.69	18.51		
5	16QAM	12	0	18.59	18.83	18.58	19.5	0
5	16QAM	12	7	18.54	18.74	18.67		
5	16QAM	12	13	18.66	18.63	18.70		
5	16QAM	25	0	18.56	18.63	18.60		
5	64QAM	1	0	18.58	18.63	18.61	19.5	0
5	64QAM	1	12	18.49	18.60	18.74		
5	64QAM	1	24	18.49	18.75	18.61		
5	64QAM	12	0	18.46	18.60	18.59	19.5	0
5	64QAM	12	7	18.59	18.70	18.64		
5	64QAM	12	13	18.53	18.63	18.59		
5	64QAM	25	0	18.60	18.72	18.55		
5	256QAM	1	0	18.48	18.52	18.58	19.5	0
5	256QAM	1	12	18.38	18.54	18.30		
5	256QAM	1	24	18.40	18.44	18.25		
5	256QAM	12	0	18.38	18.56	18.42	19.5	0
5	256QAM	12	7	18.45	18.56	18.40		
5	256QAM	12	13	18.33	18.41	18.33		
5	256QAM	25	0	18.43	18.50	18.44		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.75	18.88	18.77	19.4	0
20	QPSK	1	49	18.71	18.78	18.76		
20	QPSK	1	99	18.66	18.77	18.69		
20	QPSK	50	0	18.74	18.85	18.76	19.4	0
20	QPSK	50	24	18.63	18.84	18.63		
20	QPSK	50	50	18.72	18.74	18.74		
20	QPSK	100	0	18.61	18.74	18.73		
20	16QAM	1	0	18.64	18.73	18.70	19.4	0
20	16QAM	1	49	18.67	18.77	18.68		
20	16QAM	1	99	18.68	18.73	18.66		
20	16QAM	50	0	18.64	18.78	18.74	19.4	0
20	16QAM	50	24	18.66	18.77	18.71		
20	16QAM	50	50	18.65	18.81	18.65		
20	16QAM	100	0	18.60	18.85	18.76		
20	64QAM	1	0	18.62	18.79	18.66	19.4	0
20	64QAM	1	49	18.67	18.83	18.71		
20	64QAM	1	99	18.72	18.78	18.67		
20	64QAM	50	0	18.72	18.74	18.65	19.4	0
20	64QAM	50	24	18.72	18.74	18.70		
20	64QAM	50	50	18.65	18.84	18.67		
20	64QAM	100	0	18.60	18.76	18.65		
20	256QAM	1	0	18.48	18.60	18.55	19.4	0
20	256QAM	1	49	18.51	18.54	18.44		
20	256QAM	1	99	18.43	18.55	18.44		
20	256QAM	50	0	18.39	18.49	18.41	19.4	0
20	256QAM	50	24	18.47	18.59	18.46		
20	256QAM	50	50	18.40	18.49	18.37		
20	256QAM	100	0	18.41	18.53	18.41		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.65	18.84	18.62	19.4	0
15	QPSK	1	37	18.68	18.66	18.75		
15	QPSK	1	74	18.51	18.68	18.60		
15	QPSK	36	0	18.68	18.74	18.71	19.4	0
15	QPSK	36	20	18.50	18.70	18.62		
15	QPSK	36	39	18.70	18.72	18.59		
15	QPSK	75	0	18.54	18.66	18.71		
15	16QAM	1	0	18.55	18.61	18.56	19.4	0
15	16QAM	1	37	18.65	18.65	18.66		
15	16QAM	1	74	18.67	18.72	18.52		
15	16QAM	36	0	18.56	18.68	18.72	19.4	0
15	16QAM	36	20	18.54	18.71	18.70		
15	16QAM	36	39	18.59	18.67	18.52		
15	16QAM	75	0	18.45	18.74	18.62		
15	64QAM	1	0	18.54	18.67	18.59	19.4	0
15	64QAM	1	37	18.53	18.71	18.65		
15	64QAM	1	74	18.64	18.73	18.64		
15	64QAM	36	0	18.57	18.61	18.57	19.4	0
15	64QAM	36	20	18.57	18.63	18.59		
15	64QAM	36	39	18.56	18.77	18.60		
15	64QAM	75	0	18.59	18.75	18.64		
15	256QAM	1	0	18.36	18.59	18.45	19.4	0
15	256QAM	1	37	18.38	18.51	18.42		
15	256QAM	1	74	18.40	18.45	18.40		
15	256QAM	36	0	18.31	18.46	18.40	19.4	0
15	256QAM	36	20	18.40	18.54	18.44		
15	256QAM	36	39	18.28	18.44	18.36		
15	256QAM	75	0	18.32	18.52	18.37		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.61	18.77	18.69	19.4	0
10	QPSK	1	25	18.70	18.75	18.74		
10	QPSK	1	49	18.64	18.62	18.55		
10	QPSK	25	0	18.61	18.71	18.61	19.4	0
10	QPSK	25	12	18.49	18.80	18.59		
10	QPSK	25	25	18.66	18.66	18.62		
10	QPSK	50	0	18.50	18.62	18.69		
10	16QAM	1	0	18.50	18.72	18.58	19.4	0
10	16QAM	1	25	18.56	18.62	18.60		
10	16QAM	1	49	18.57	18.66	18.65		
10	16QAM	25	0	18.52	18.65	18.67	19.4	0
10	16QAM	25	12	18.55	18.70	18.69		
10	16QAM	25	25	18.58	18.70	18.50		
10	16QAM	50	0	18.52	18.83	18.69		
10	64QAM	1	0	18.54	18.70	18.53	19.4	0
10	64QAM	1	25	18.58	18.73	18.66		
10	64QAM	1	49	18.58	18.74	18.60		
10	64QAM	25	0	18.58	18.68	18.59	19.4	0
10	64QAM	25	12	18.59	18.73	18.65		
10	64QAM	25	25	18.62	18.81	18.64		
10	64QAM	50	0	18.48	18.67	18.54		
10	256QAM	1	0	18.34	18.49	18.54	19.4	0
10	256QAM	1	25	18.38	18.53	18.37		
10	256QAM	1	49	18.31	18.46	18.41		
10	256QAM	25	0	18.24	18.35	18.31	19.4	0
10	256QAM	25	12	18.46	18.50	18.34		
10	256QAM	25	25	18.32	18.38	18.25		
10	256QAM	50	0	18.32	18.39	18.40		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.68	18.79	18.62	19.4	0
5	QPSK	1	12	18.70	18.66	18.75		
5	QPSK	1	24	18.56	18.71	18.54		
5	QPSK	12	0	18.59	18.84	18.61	19.4	0
5	QPSK	12	7	18.51	18.82	18.52		
5	QPSK	12	13	18.61	18.59	18.71		
5	QPSK	25	0	18.46	18.68	18.70		
5	16QAM	1	0	18.50	18.63	18.58	19.4	0
5	16QAM	1	12	18.64	18.68	18.62		
5	16QAM	1	24	18.67	18.72	18.53		
5	16QAM	12	0	18.57	18.76	18.63	19.4	0
5	16QAM	12	7	18.64	18.76	18.62		
5	16QAM	12	13	18.62	18.67	18.61		
5	16QAM	25	0	18.49	18.83	18.72		
5	64QAM	1	0	18.58	18.64	18.59	19.4	0
5	64QAM	1	12	18.55	18.80	18.67		
5	64QAM	1	24	18.61	18.71	18.52		
5	64QAM	12	0	18.60	18.66	18.61	19.4	0
5	64QAM	12	7	18.64	18.71	18.64		
5	64QAM	12	13	18.59	18.69	18.58		
5	64QAM	25	0	18.57	18.74	18.53		
5	256QAM	1	0	18.37	18.57	18.54	19.4	0
5	256QAM	1	12	18.48	18.44	18.43		
5	256QAM	1	24	18.35	18.45	18.35		
5	256QAM	12	0	18.28	18.45	18.27	19.4	0
5	256QAM	12	7	18.33	18.48	18.31		
5	256QAM	12	13	18.36	18.36	18.25		
5	256QAM	25	0	18.35	18.50	18.36		

Band 7_Ant 7

BW [MHz]	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	19.33	19.78	20.00	21	0
20	QPSK	1	49	19.24	19.67	19.88		
20	QPSK	1	99	19.29	19.67	19.91		
20	QPSK	50	0	19.26	19.75	19.95	21	0
20	QPSK	50	24	19.19	19.70	19.90		
20	QPSK	50	50	19.25	19.72	19.94		
20	QPSK	100	0	19.28	19.73	19.87		
20	16QAM	1	0	19.25	19.72	19.93	21	0
20	16QAM	1	49	19.32	19.66	19.96		
20	16QAM	1	99	19.29	19.67	19.88		
20	16QAM	50	0	18.52	18.85	19.22	20	1
20	16QAM	50	24	18.40	18.80	19.10		
20	16QAM	50	50	18.40	18.79	19.07		
20	16QAM	100	0	18.43	18.81	19.09		
20	64QAM	1	0	18.40	18.80	19.19	20	1
20	64QAM	1	49	18.51	18.71	19.08		
20	64QAM	1	99	18.42	18.76	19.08		
20	64QAM	50	0	17.69	18.00	18.25	19	2
20	64QAM	50	24	17.75	18.02	18.22		
20	64QAM	50	50	17.80	18.05	18.23		
20	64QAM	100	0	17.63	18.00	18.28		
20	256QAM	1	0	14.50	14.87	15.17	16	5
20	256QAM	1	49	14.53	14.82	15.14		
20	256QAM	1	99	14.45	14.85	15.07		
20	256QAM	50	0	14.35	14.81	15.05	16	5
20	256QAM	50	24	14.36	14.75	15.05		
20	256QAM	50	50	14.52	14.87	15.15		
20	256QAM	100	0	14.42	14.82	15.08		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.13	19.54	19.73	21	0
15	QPSK	1	37	19.20	19.64	19.91		
15	QPSK	1	74	19.15	19.57	19.83		
15	QPSK	36	0	19.17	19.61	19.86	21	0
15	QPSK	36	20	19.08	19.69	19.78		
15	QPSK	36	39	19.20	19.69	19.79		
15	QPSK	75	0	19.27	19.58	19.76		
15	16QAM	1	0	19.20	19.60	19.83	21	0
15	16QAM	1	37	19.21	19.63	19.87		
15	16QAM	1	74	19.23	19.56	19.73		
15	16QAM	36	0	18.38	18.83	19.14	20	1
15	16QAM	36	20	18.33	18.69	18.98		
15	16QAM	36	39	18.30	18.69	19.04		
15	16QAM	75	0	18.39	18.77	18.99		
15	64QAM	1	0	18.26	18.74	19.07	20	1
15	64QAM	1	37	18.36	18.66	18.98		
15	64QAM	1	74	18.28	18.75	18.96		
15	64QAM	36	0	17.65	17.93	18.20	19	2
15	64QAM	36	20	17.74	17.99	18.19		
15	64QAM	36	39	17.66	17.96	18.13		
15	64QAM	75	0	17.53	17.88	18.13		
15	256QAM	1	0	14.35	14.72	15.09	16	5
15	256QAM	1	37	14.38	14.73	15.04		
15	256QAM	1	74	14.41	14.78	15.02		
15	256QAM	36	0	14.25	14.74	14.93	16	5
15	256QAM	36	20	14.29	14.73	15.02		
15	256QAM	36	39	14.46	14.80	15.13		
15	256QAM	75	0	14.32	14.68	15.01		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.23	19.60	19.81	21	0
10	QPSK	1	25	19.27	19.64	19.94		
10	QPSK	1	49	19.21	19.53	19.79		
10	QPSK	25	0	19.22	19.63	19.91	21	0
10	QPSK	25	12	19.10	19.63	19.83		
10	QPSK	25	25	19.20	19.65	19.85		
10	QPSK	50	0	19.25	19.70	19.78		
10	16QAM	1	0	19.24	19.61	19.91	21	0
10	16QAM	1	25	19.24	19.54	19.88		
10	16QAM	1	49	19.24	19.66	19.83		
10	16QAM	25	0	18.51	18.76	19.19	20	1
10	16QAM	25	12	18.25	18.77	19.07		
10	16QAM	25	25	18.29	18.71	19.05		
10	16QAM	50	0	18.42	18.68	19.01		
10	64QAM	1	0	18.27	18.72	19.06	20	1
10	64QAM	1	25	18.43	18.59	19.05		
10	64QAM	1	49	18.40	18.61	19.02		
10	64QAM	25	0	17.65	17.92	18.22	19	2
10	64QAM	25	12	17.61	17.92	18.20		
10	64QAM	25	25	17.75	18.04	18.22		
10	64QAM	50	0	17.61	17.88	18.17		
10	256QAM	1	0	14.41	14.76	15.03	16	5
10	256QAM	1	25	14.39	14.67	15.08		
10	256QAM	1	49	14.42	14.76	15.03		
10	256QAM	25	0	14.22	14.66	14.97	16	5
10	256QAM	25	12	14.27	14.63	14.97		
10	256QAM	25	25	14.51	14.81	15.05		
10	256QAM	50	0	14.31	14.78	15.05		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.12	19.63	19.81	21	0
5	QPSK	1	12	19.30	19.76	19.91		
5	QPSK	1	24	19.18	19.54	19.86		
5	QPSK	12	0	19.26	19.60	19.94	21	0
5	QPSK	12	7	19.08	19.59	19.79		
5	QPSK	12	13	19.21	19.70	19.90		
5	QPSK	25	0	19.16	19.58	19.73		
5	16QAM	1	0	19.18	19.70	19.81	21	0
5	16QAM	1	12	19.26	19.54	19.81		
5	16QAM	1	24	19.23	19.57	19.80		
5	16QAM	12	0	18.49	18.72	19.09	20	1
5	16QAM	12	7	18.26	18.69	19.05		
5	16QAM	12	13	18.26	18.72	18.96		
5	16QAM	25	0	18.39	18.75	19.07		
5	64QAM	1	0	18.29	18.77	19.13	20	1
5	64QAM	1	12	18.38	18.67	18.97		
5	64QAM	1	24	18.37	18.65	19.02		
5	64QAM	12	0	17.54	17.94	18.14	19	2
5	64QAM	12	7	17.67	17.92	18.20		
5	64QAM	12	13	17.67	18.00	18.17		
5	64QAM	25	0	17.51	17.88	18.18		
5	256QAM	1	0	14.42	14.78	15.13	16	5
5	256QAM	1	12	14.50	14.67	15.10		
5	256QAM	1	24	14.32	14.71	15.02		
5	256QAM	12	0	14.20	14.77	14.96	16	5
5	256QAM	12	7	14.26	14.66	14.98		
5	256QAM	12	13	14.50	14.81	15.11		
5	256QAM	25	0	14.36	14.74	14.97		

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	22.83	22.88	22.84	23.8	0
10	QPSK	1	25	22.73	22.80	22.67		
10	QPSK	1	49	22.79	22.80	22.78		
10	QPSK	25	0	22.26	22.33	22.28	23.3	0.5
10	QPSK	25	12	22.25	22.17	22.16		
10	QPSK	25	25	22.23	22.15	22.25		
10	QPSK	50	0	22.27	22.30	22.23		
10	16QAM	1	0	22.61	22.53	22.54	23.3	0.5
10	16QAM	1	25	22.46	22.42	22.58		
10	16QAM	1	49	22.73	22.61	22.56		
10	16QAM	25	0	21.67	21.64	21.68	22.8	1
10	16QAM	25	12	21.72	21.62	21.70		
10	16QAM	25	25	21.79	21.60	21.74		
10	16QAM	50	0	21.77	21.64	21.79		
10	64QAM	1	0	21.55	21.56	21.58	22.8	1
10	64QAM	1	25	21.50	21.52	21.50		
10	64QAM	1	49	21.35	21.33	21.47		
10	64QAM	25	0	20.70	20.64	20.65	21.8	2
10	64QAM	25	12	20.74	20.59	20.70		
10	64QAM	25	25	20.78	20.70	20.68		
10	64QAM	50	0	20.71	20.66	20.72		
10	256QAM	1	0	17.67	17.78	17.71	18.8	5
10	256QAM	1	25	17.62	17.65	17.60		
10	256QAM	1	49	17.65	17.66	17.58		
10	256QAM	25	0	17.65	17.74	17.59	18.8	5
10	256QAM	25	12	17.58	17.63	17.50		
10	256QAM	25	25	17.62	17.74	17.64		
10	256QAM	50	0	17.71	17.72	17.69		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.63	22.79	22.66	23.8	0
5	QPSK	1	12	22.75	22.84	22.73		
5	QPSK	1	24	22.75	22.65	22.72		
5	QPSK	12	0	22.16	22.27	22.18	23.3	0.5
5	QPSK	12	7	22.15	22.15	22.09		
5	QPSK	12	13	22.22	22.02	22.15		
5	QPSK	25	0	22.17	22.25	22.08		
5	16QAM	1	0	22.54	22.49	22.41	23.3	0.5
5	16QAM	1	12	22.41	22.28	22.55		
5	16QAM	1	24	22.62	22.58	22.44		
5	16QAM	12	0	21.60	21.50	21.67	22.8	1
5	16QAM	12	7	21.58	21.50	21.68		
5	16QAM	12	13	21.69	21.56	21.67		
5	16QAM	25	0	21.69	21.54	21.69		
5	64QAM	1	0	21.52	21.43	21.53	22.8	1
5	64QAM	1	12	21.41	21.42	21.43		
5	64QAM	1	24	21.24	21.27	21.46		
5	64QAM	12	0	20.60	20.52	20.64	21.8	2
5	64QAM	12	7	20.65	20.49	20.57		
5	64QAM	12	13	20.69	20.65	20.56		
5	64QAM	25	0	20.60	20.58	20.66		
5	256QAM	1	0	17.59	17.71	17.61	18.8	5
5	256QAM	1	12	17.54	17.55	17.58		
5	256QAM	1	24	17.51	17.55	17.44		
5	256QAM	12	0	17.53	17.65	17.44	18.8	5
5	256QAM	12	7	17.45	17.50	17.40		
5	256QAM	12	13	17.61	17.62	17.55		
5	256QAM	25	0	17.57	17.70	17.64		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.65	22.67	22.58	23.8	0
3	QPSK	1	8	22.72	22.86	22.83		
3	QPSK	1	14	22.76	22.75	22.76		
3	QPSK	8	0	22.22	22.22	22.13	23.3	0.5
3	QPSK	8	4	22.21	22.11	22.11		
3	QPSK	8	7	22.10	22.04	22.17		
3	QPSK	15	0	22.13	22.18	22.10		
3	16QAM	1	0	22.48	22.43	22.39	23.3	0.5
3	16QAM	1	8	22.38	22.28	22.56		
3	16QAM	1	14	22.59	22.48	22.41		
3	16QAM	8	0	21.54	21.53	21.61	22.8	1
3	16QAM	8	4	21.66	21.55	21.62		
3	16QAM	8	7	21.68	21.47	21.70		
3	16QAM	15	0	21.69	21.63	21.67		
3	64QAM	1	0	21.43	21.52	21.55	22.8	1
3	64QAM	1	8	21.45	21.41	21.37		
3	64QAM	1	14	21.23	21.19	21.33		
3	64QAM	8	0	20.59	20.55	20.57	21.8	2
3	64QAM	8	4	20.70	20.50	20.69		
3	64QAM	8	7	20.66	20.62	20.57		
3	64QAM	15	0	20.66	20.54	20.64		
3	256QAM	1	0	17.63	17.66	17.64	18.8	5
3	256QAM	1	8	17.59	17.58	17.46		
3	256QAM	1	14	17.64	17.60	17.49		
3	256QAM	8	0	17.57	17.66	17.52	18.8	5
3	256QAM	8	4	17.53	17.62	17.41		
3	256QAM	8	7	17.52	17.73	17.53		
3	256QAM	15	0	17.65	17.57	17.58		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.69	22.71	22.54	23.8	0
1.4	QPSK	1	3	22.72	22.75	22.82		
1.4	QPSK	1	5	22.72	22.74	22.70		
1.4	QPSK	3	0	22.71	22.65	22.55		
1.4	QPSK	3	1	22.74	22.74	22.78		
1.4	QPSK	3	3	22.75	22.73	22.68		
1.4	QPSK	6	0	22.24	22.17	22.22	23.3	0.5
1.4	16QAM	1	0	22.50	22.41	22.44	23.3	0.5
1.4	16QAM	1	3	22.41	22.38	22.56		
1.4	16QAM	1	5	22.69	22.51	22.49		
1.4	16QAM	3	0	22.49	22.40	22.42		
1.4	16QAM	3	1	22.36	22.35	22.56		
1.4	16QAM	3	3	22.71	22.52	22.43		
1.4	16QAM	6	0	21.66	21.59	21.72	22.8	1
1.4	64QAM	1	0	21.40	21.46	21.46	22.8	1
1.4	64QAM	1	3	21.46	21.39	21.46		
1.4	64QAM	1	5	21.24	21.29	21.33		
1.4	64QAM	3	0	21.41	21.48	21.43		
1.4	64QAM	3	1	21.49	21.48	21.47		
1.4	64QAM	3	3	21.27	21.21	21.41		
1.4	64QAM	6	0	20.67	20.53	20.58	21.8	2
1.4	256QAM	1	0	17.60	17.74	17.65	18.8	5
1.4	256QAM	1	3	17.58	17.54	17.48		
1.4	256QAM	1	5	17.64	17.63	17.47		
1.4	256QAM	3	0	17.53	17.72	17.46		
1.4	256QAM	3	1	17.44	17.48	17.45		
1.4	256QAM	3	3	17.60	17.71	17.56		
1.4	256QAM	6	0	17.64	17.63	17.56	18.8	5

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.82	21.90	21.85	22.8	0
10	QPSK	1	25	21.75	21.78	21.72		
10	QPSK	1	49	21.70	21.82	21.82		
10	QPSK	25	0	21.73	21.76	21.74	22.8	0
10	QPSK	25	12	21.68	21.54	21.67		
10	QPSK	25	25	21.70	21.66	21.71		
10	QPSK	50	0	21.63	21.72	21.67		
10	16QAM	1	0	21.78	21.81	21.71	22.8	0
10	16QAM	1	25	21.62	21.88	21.64		
10	16QAM	1	49	21.61	21.72	21.81		
10	16QAM	25	0	21.24	21.11	21.15	22.3	0.5
10	16QAM	25	12	21.31	21.12	21.09		
10	16QAM	25	25	21.31	21.10	21.21		
10	16QAM	50	0	21.23	21.14	21.24		
10	64QAM	1	0	20.90	21.03	21.02	22.3	0.5
10	64QAM	1	25	20.83	20.96	20.88		
10	64QAM	1	49	20.98	21.01	21.10		
10	64QAM	25	0	20.14	20.19	20.17	21.3	1.5
10	64QAM	25	12	20.19	20.11	20.11		
10	64QAM	25	25	20.25	20.16	20.17		
10	64QAM	50	0	20.26	20.18	20.19		
10	256QAM	1	0	17.10	17.24	17.21	18.3	4.5
10	256QAM	1	25	17.13	17.22	17.18		
10	256QAM	1	49	17.13	17.16	17.05		
10	256QAM	25	0	17.02	17.09	17.04	18.3	4.5
10	256QAM	25	12	17.00	17.11	17.01		
10	256QAM	25	25	17.10	17.21	17.09		
10	256QAM	50	0	17.04	17.18	17.10		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.77	21.82	21.73	22.8	0
5	QPSK	1	12	21.74	21.71	21.64		
5	QPSK	1	24	21.58	21.81	21.67		
5	QPSK	12	0	21.72	21.61	21.66	22.8	0
5	QPSK	12	7	21.54	21.43	21.54		
5	QPSK	12	13	21.67	21.60	21.70		
5	QPSK	25	0	21.50	21.58	21.52		
5	16QAM	1	0	21.68	21.83	21.77	22.8	0
5	16QAM	1	12	21.74	21.67	21.71		
5	16QAM	1	24	21.60	21.76	21.73		
5	16QAM	12	0	21.20	21.10	21.00	22.3	0.5
5	16QAM	12	7	21.27	21.08	20.99		
5	16QAM	12	13	21.22	21.09	21.13		
5	16QAM	25	0	21.15	21.11	21.22		
5	64QAM	1	0	20.87	20.89	20.94	22.3	0.5
5	64QAM	1	12	20.79	20.91	20.83		
5	64QAM	1	24	20.87	20.91	20.99		
5	64QAM	12	0	20.06	20.09	20.04	21.3	1.5
5	64QAM	12	7	20.13	19.96	19.97		
5	64QAM	12	13	20.22	20.13	20.07		
5	64QAM	25	0	20.22	20.05	20.05		
5	256QAM	1	0	16.97	17.15	17.09	18.3	4.5
5	256QAM	1	12	17.06	17.11	17.14		
5	256QAM	1	24	17.07	17.15	16.98		
5	256QAM	12	0	16.95	16.97	16.95	18.3	4.5
5	256QAM	12	7	16.94	17.09	16.91		
5	256QAM	12	13	17.04	17.12	17.07		
5	256QAM	25	0	16.93	17.11	16.99		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.75	21.83	21.75	22.8	0
3	QPSK	1	8	21.69	21.65	21.70		
3	QPSK	1	14	21.66	21.80	21.74		
3	QPSK	8	0	21.61	21.75	21.64	22.8	0
3	QPSK	8	4	21.59	21.46	21.53		
3	QPSK	8	7	21.56	21.61	21.59		
3	QPSK	15	0	21.53	21.62	21.62		
3	16QAM	1	0	21.75	21.79	21.83	22.8	0
3	16QAM	1	8	21.74	21.77	21.59		
3	16QAM	1	14	21.62	21.72	21.81		
3	16QAM	8	0	21.17	21.07	21.06	22.3	0.5
3	16QAM	8	4	21.23	20.99	21.04		
3	16QAM	8	7	21.25	20.99	21.18		
3	16QAM	15	0	21.22	21.04	21.21		
3	64QAM	1	0	20.86	20.90	21.01	22.3	0.5
3	64QAM	1	8	20.69	20.84	20.79		
3	64QAM	1	14	20.88	20.91	21.07		
3	64QAM	8	0	20.02	20.07	20.12	21.3	1.5
3	64QAM	8	4	20.07	20.10	20.00		
3	64QAM	8	7	20.18	20.08	20.15		
3	64QAM	15	0	20.19	20.09	20.11		
3	256QAM	1	0	16.99	17.21	17.17	18.3	4.5
3	256QAM	1	8	17.05	17.16	17.14		
3	256QAM	1	14	17.09	17.02	17.03		
3	256QAM	8	0	16.89	17.04	16.94	18.3	4.5
3	256QAM	8	4	16.97	16.99	16.90		
3	256QAM	8	7	17.05	17.13	16.95		
3	256QAM	15	0	17.03	17.07	17.08		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.77	21.89	21.74	22.8	0
1.4	QPSK	1	3	21.60	21.63	21.64		
1.4	QPSK	1	5	21.62	21.74	21.70		
1.4	QPSK	3	0	21.68	21.78	21.79		
1.4	QPSK	3	1	21.63	21.64	21.64		
1.4	QPSK	3	3	21.63	21.77	21.73		
1.4	QPSK	6	0	21.62	21.66	21.66	22.8	0
1.4	16QAM	1	0	21.80	21.85	21.74	22.8	0
1.4	16QAM	1	3	21.74	21.67	21.69		
1.4	16QAM	1	5	21.61	21.75	21.70		
1.4	16QAM	3	0	21.67	21.87	21.74		
1.4	16QAM	3	1	21.68	21.64	21.66		
1.4	16QAM	3	3	21.55	21.69	21.67		
1.4	16QAM	6	0	21.21	21.00	21.21	22.3	0.5
1.4	64QAM	1	0	20.83	20.96	20.91	22.3	0.5
1.4	64QAM	1	3	20.75	20.82	20.87		
1.4	64QAM	1	5	20.85	20.96	21.02		
1.4	64QAM	3	0	20.77	20.88	20.95		
1.4	64QAM	3	1	20.75	20.95	20.76		
1.4	64QAM	3	3	20.92	20.99	20.95		
1.4	64QAM	6	0	20.25	20.05	20.13	21.3	1.5
1.4	256QAM	1	0	16.99	17.22	17.12	18.3	4.5
1.4	256QAM	1	3	17.06	17.17	17.09		
1.4	256QAM	1	5	17.05	17.05	16.92		
1.4	256QAM	3	0	16.93	17.07	16.97		
1.4	256QAM	3	1	16.99	17.01	16.94		
1.4	256QAM	3	3	17.09	17.08	16.96		
1.4	256QAM	6	0	16.91	17.11	16.97	18.3	4.5

Band 13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.88		23.8	0
10	QPSK	1	25		22.78			
10	QPSK	1	49		22.85			
10	QPSK	25	0		22.53		23.3	0.5
10	QPSK	25	12		22.42			
10	QPSK	25	25		22.48			
10	QPSK	50	0		22.50			
10	16QAM	1	0		22.36		23.3	0.5
10	16QAM	1	25		22.45			
10	16QAM	1	49		22.60			
10	16QAM	25	0		21.94		22.8	1
10	16QAM	25	12		21.93			
10	16QAM	25	25		21.98			
10	16QAM	50	0		21.95			
10	64QAM	1	0		21.28		22.8	1
10	64QAM	1	25		21.44			
10	64QAM	1	49		21.49			
10	64QAM	25	0		20.85		21.8	2
10	64QAM	25	12		20.85			
10	64QAM	25	25		20.91			
10	64QAM	50	0		20.92			
10	256QAM	1	0		17.72		18.8	5
10	256QAM	1	25		17.71			
10	256QAM	1	49		17.71			
10	256QAM	25	0		17.70		18.8	5
10	256QAM	25	12		17.67			
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.64			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.73	22.65	22.72	23.8	0
5	QPSK	1	12	22.84	22.86	22.85		
5	QPSK	1	24	22.80	22.77	22.71		
5	QPSK	12	0	22.50	22.41	22.40	23.3	0.5
5	QPSK	12	7	22.39	22.30	22.35		
5	QPSK	12	13	22.47	22.47	22.34		
5	QPSK	25	0	22.35	22.47	22.47		
5	16QAM	1	0	22.34	22.26	22.23	23.3	0.5
5	16QAM	1	12	22.30	22.38	22.34		
5	16QAM	1	24	22.59	22.48	22.58		
5	16QAM	12	0	21.84	21.84	21.89	22.8	1
5	16QAM	12	7	21.85	21.87	21.85		
5	16QAM	12	13	21.85	21.94	21.95		
5	16QAM	25	0	21.80	21.89	21.93		
5	64QAM	1	0	21.17	21.18	21.24	22.8	1
5	64QAM	1	12	21.33	21.41	21.35		
5	64QAM	1	24	21.38	21.42	21.34		
5	64QAM	12	0	20.82	20.82	20.75	21.8	2
5	64QAM	12	7	20.79	20.70	20.74		
5	64QAM	12	13	20.76	20.77	20.78		
5	64QAM	25	0	20.90	20.87	20.82		
5	256QAM	1	0	17.66	17.70	17.60	18.8	5
5	256QAM	1	12	17.63	17.61	17.63		
5	256QAM	1	24	17.66	17.61	17.63		
5	256QAM	12	0	17.63	17.64	17.67	18.8	5
5	256QAM	12	7	17.66	17.60	17.56		
5	256QAM	12	13	17.67	17.58	17.66		
5	256QAM	25	0	17.51	17.52	17.63		

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.32		23.3	0
10	QPSK	1	25		22.23			
10	QPSK	1	49		22.29			
10	QPSK	25	0		21.88		22.8	0.5
10	QPSK	25	12		21.74			
10	QPSK	25	25		21.85			
10	QPSK	50	0		21.85			
10	16QAM	1	0		21.85		22.8	0.5
10	16QAM	1	25		21.81			
10	16QAM	1	49		22.08			
10	16QAM	25	0		21.29		22.3	1
10	16QAM	25	12		21.31			
10	16QAM	25	25		21.34			
10	16QAM	50	0		21.29			
10	64QAM	1	0		20.73		22.3	1
10	64QAM	1	25		20.64			
10	64QAM	1	49		21.00			
10	64QAM	25	0		20.25		21.3	2
10	64QAM	25	12		20.20			
10	64QAM	25	25		20.33			
10	64QAM	50	0		20.21			
10	256QAM	1	0		17.22		18.3	5
10	256QAM	1	25		17.17			
10	256QAM	1	49		17.18			
10	256QAM	25	0		17.09		18.3	5
10	256QAM	25	12		17.09			
10	256QAM	25	25		17.14			
10	256QAM	50	0		17.20			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.12	22.22	22.11	23.3	0
5	QPSK	1	12	22.25	22.30	22.29		
5	QPSK	1	24	22.19	22.22	22.27		
5	QPSK	12	0	21.81	21.77	21.73	22.8	0.5
5	QPSK	12	7	21.73	21.72	21.72		
5	QPSK	12	13	21.70	21.72	21.81		
5	QPSK	25	0	21.83	21.71	21.78		
5	16QAM	1	0	21.77	21.75	21.77	22.8	0.5
5	16QAM	1	12	21.71	21.71	21.72		
5	16QAM	1	24	22.03	21.97	22.02		
5	16QAM	12	0	21.24	21.25	21.16	22.3	1
5	16QAM	12	7	21.23	21.21	21.25		
5	16QAM	12	13	21.26	21.31	21.21		
5	16QAM	25	0	21.26	21.19	21.20		
5	64QAM	1	0	20.63	20.66	20.72	22.3	1
5	64QAM	1	12	20.61	20.58	20.52		
5	64QAM	1	24	20.99	20.94	20.99		
5	64QAM	12	0	20.21	20.19	20.23	21.3	2
5	64QAM	12	7	20.07	20.17	20.06		
5	64QAM	12	13	20.23	20.25	20.24		
5	64QAM	25	0	20.16	20.20	20.13		
5	256QAM	1	0	17.13	17.08	17.20	18.3	5
5	256QAM	1	12	17.10	17.12	17.06		
5	256QAM	1	24	17.17	17.05	17.11		
5	256QAM	12	0	17.06	17.02	16.95	18.3	5
5	256QAM	12	7	17.01	17.04	17.07		
5	256QAM	12	13	17.01	17.05	17.02		
5	256QAM	25	0	17.10	17.14	17.14		

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	22.93	22.96	22.91	23.8	0
10	QPSK	1	25	22.88	22.84	22.82		
10	QPSK	1	49	22.85	22.91	22.87		
10	QPSK	25	0	22.38	22.42	22.40	23.3	0.5
10	QPSK	25	12	22.35	22.40	22.37		
10	QPSK	25	25	22.37	22.34	22.38		
10	QPSK	50	0	22.34	22.40	22.38		
10	16QAM	1	0	22.61	22.65	22.72	23.3	0.5
10	16QAM	1	25	22.52	22.57	22.70		
10	16QAM	1	49	22.58	22.76	22.65		
10	16QAM	25	0	21.80	21.72	21.85	22.8	1
10	16QAM	25	12	21.84	21.82	21.85		
10	16QAM	25	25	21.79	21.88	21.87		
10	16QAM	50	0	21.82	21.79	21.89		
10	64QAM	1	0	21.62	21.59	21.64	22.8	1
10	64QAM	1	25	21.64	21.50	21.50		
10	64QAM	1	49	21.73	21.66	21.60		
10	64QAM	25	0	20.85	20.77	20.93	21.8	2
10	64QAM	25	12	20.86	20.88	20.89		
10	64QAM	25	25	20.91	20.84	20.90		
10	64QAM	50	0	20.82	20.81	20.86		
10	256QAM	1	0	17.77	17.86	17.85	18.8	5
10	256QAM	1	25	17.72	17.76	17.61		
10	256QAM	1	49	17.62	17.76	17.69		
10	256QAM	25	0	17.72	17.82	17.78	18.8	5
10	256QAM	25	12	17.59	17.72	17.65		
10	256QAM	25	25	17.67	17.74	17.70		
10	256QAM	50	0	17.65	17.74	17.70		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.77	22.71	22.77	23.8	0
5	QPSK	1	12	22.89	22.93	22.77		
5	QPSK	1	24	22.73	22.87	22.81		
5	QPSK	12	0	22.28	22.36	22.38	23.3	0.5
5	QPSK	12	7	22.31	22.37	22.32		
5	QPSK	12	13	22.35	22.22	22.34		
5	QPSK	25	0	22.24	22.27	22.32		
5	16QAM	1	0	22.56	22.62	22.70	23.3	0.5
5	16QAM	1	12	22.39	22.46	22.57		
5	16QAM	1	24	22.51	22.63	22.58		
5	16QAM	12	0	21.72	21.58	21.76	22.8	1
5	16QAM	12	7	21.70	21.74	21.80		
5	16QAM	12	13	21.77	21.83	21.73		
5	16QAM	25	0	21.70	21.73	21.78		
5	64QAM	1	0	21.49	21.53	21.59	22.8	1
5	64QAM	1	12	21.52	21.46	21.35		
5	64QAM	1	24	21.68	21.62	21.49		
5	64QAM	12	0	20.77	20.62	20.82	21.8	2
5	64QAM	12	7	20.84	20.80	20.79		
5	64QAM	12	13	20.81	20.69	20.82		
5	64QAM	25	0	20.69	20.78	20.80		
5	256QAM	1	0	17.64	17.71	17.70	18.8	5
5	256QAM	1	12	17.63	17.67	17.50		
5	256QAM	1	24	17.59	17.67	17.65		
5	256QAM	12	0	17.66	17.79	17.77	18.8	5
5	256QAM	12	7	17.44	17.61	17.54		
5	256QAM	12	13	17.66	17.62	17.68		
5	256QAM	25	0	17.61	17.69	17.68		

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.92	22.00	21.96	22.8	0
10	QPSK	1	25	21.86	21.97	21.87		
10	QPSK	1	49	21.85	21.95	21.95		
10	QPSK	25	0	21.83	21.94	21.90	22.8	0
10	QPSK	25	12	21.78	21.79	21.84		
10	QPSK	25	25	21.75	21.86	21.83		
10	QPSK	50	0	21.80	21.87	21.83		
10	16QAM	1	0	21.79	21.88	21.94	22.8	0
10	16QAM	1	25	21.82	21.95	21.86		
10	16QAM	1	49	21.81	21.80	21.80		
10	16QAM	25	0	21.33	21.29	21.33	22.3	0.5
10	16QAM	25	12	21.35	21.34	21.37		
10	16QAM	25	25	21.36	21.29	21.36		
10	16QAM	50	0	21.28	21.38	21.42		
10	64QAM	1	0	20.90	21.12	20.98	22.3	0.5
10	64QAM	1	25	20.95	21.02	20.85		
10	64QAM	1	49	20.93	21.10	20.81		
10	64QAM	25	0	20.30	20.25	20.39	21.3	1.5
10	64QAM	25	12	20.26	20.24	20.35		
10	64QAM	25	25	20.35	20.28	20.35		
10	64QAM	50	0	20.28	20.27	20.40		
10	256QAM	1	0	17.37	17.38	17.24	18.3	4.5
10	256QAM	1	25	17.16	17.25	17.15		
10	256QAM	1	49	17.16	17.24	17.18		
10	256QAM	25	0	17.19	17.31	17.28	18.3	4.5
10	256QAM	25	12	17.33	17.36	17.27		
10	256QAM	25	25	17.19	17.34	17.20		
10	256QAM	50	0	17.20	17.34	17.26		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.87	21.96	21.87	22.8	0
5	QPSK	1	12	21.84	21.91	21.73		
5	QPSK	1	24	21.80	21.91	21.92		
5	QPSK	12	0	21.79	21.82	21.77	22.8	0
5	QPSK	12	7	21.66	21.65	21.79		
5	QPSK	12	13	21.66	21.78	21.68		
5	QPSK	25	0	21.66	21.80	21.70		
5	16QAM	1	0	21.87	21.92	21.85	22.8	0
5	16QAM	1	12	21.78	21.90	21.76		
5	16QAM	1	24	21.82	21.81	21.86		
5	16QAM	12	0	21.30	21.27	21.30	22.3	0.5
5	16QAM	12	7	21.24	21.28	21.23		
5	16QAM	12	13	21.31	21.20	21.33		
5	16QAM	25	0	21.23	21.24	21.31		
5	64QAM	1	0	20.81	20.98	20.97	22.3	0.5
5	64QAM	1	12	20.89	20.94	20.81		
5	64QAM	1	24	20.92	21.03	20.70		
5	64QAM	12	0	20.20	20.10	20.31	21.3	1.5
5	64QAM	12	7	20.22	20.11	20.21		
5	64QAM	12	13	20.24	20.21	20.26		
5	64QAM	25	0	20.14	20.17	20.35		
5	256QAM	1	0	17.27	17.28	17.14	18.3	4.5
5	256QAM	1	12	17.02	17.19	17.05		
5	256QAM	1	24	17.06	17.17	17.12		
5	256QAM	12	0	17.06	17.21	17.14	18.3	4.5
5	256QAM	12	7	17.30	17.22	17.24		
5	256QAM	12	13	17.17	17.31	17.16		
5	256QAM	25	0	17.07	17.25	17.12		

Band 26(FCC)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.17	24.20	24.10	25	0
15	QPSK	1	37	24.10	24.06	24.09		
15	QPSK	1	74	24.15	24.03	23.99		
15	QPSK	36	0	23.65	23.67	23.60	24.5	0.5
15	QPSK	36	20	23.60	23.56	23.56		
15	QPSK	36	39	23.59	23.52	23.54		
15	QPSK	75	0	23.55	23.61	23.55		
15	16QAM	1	0	23.62	23.90	23.65	24.5	0.5
15	16QAM	1	37	23.81	23.87	23.60		
15	16QAM	1	74	23.66	23.82	23.61		
15	16QAM	36	0	23.16	23.01	23.06	24	1
15	16QAM	36	20	23.15	23.05	23.15		
15	16QAM	36	39	23.10	23.01	23.01		
15	16QAM	75	0	23.12	23.07	23.09		
15	64QAM	1	0	22.71	22.93	22.96	24	1
15	64QAM	1	37	23.00	22.95	22.92		
15	64QAM	1	74	22.75	22.89	22.88		
15	64QAM	36	0	22.18	22.04	22.09	23	2
15	64QAM	36	20	22.09	22.05	22.10		
15	64QAM	36	39	22.17	22.04	22.04		
15	64QAM	75	0	22.07	21.94	22.00		
15	256QAM	1	0	19.05	19.08	19.05	20	5
15	256QAM	1	37	18.82	18.95	18.88		
15	256QAM	1	74	18.86	18.93	18.87		
15	256QAM	36	0	18.91	18.98	18.95	20	5
15	256QAM	36	20	18.89	19.03	18.91		
15	256QAM	36	39	18.89	18.94	18.90		
15	256QAM	75	0	18.92	18.98	18.97		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.00	24.00	23.89	25	0
10	QPSK	1	25	24.06	24.12	23.99		
10	QPSK	1	49	24.02	23.92	23.85		
10	QPSK	25	0	23.45	23.58	23.46	24.5	0.5
10	QPSK	25	12	23.40	23.44	23.46		
10	QPSK	25	25	23.45	23.45	23.41		
10	QPSK	50	0	23.44	23.43	23.38		
10	16QAM	1	0	23.53	23.77	23.50	24.5	0.5
10	16QAM	1	25	23.61	23.81	23.52		
10	16QAM	1	49	23.48	23.72	23.50		
10	16QAM	25	0	23.04	22.87	22.97	24	1
10	16QAM	25	12	22.99	22.85	22.96		
10	16QAM	25	25	22.90	22.94	22.82		
10	16QAM	50	0	22.98	22.87	23.01		
10	64QAM	1	0	22.58	22.85	22.84	24	1
10	64QAM	1	25	22.84	22.86	22.73		
10	64QAM	1	49	22.55	22.75	22.74		
10	64QAM	25	0	22.01	21.94	21.89	23	2
10	64QAM	25	12	21.98	21.99	21.91		
10	64QAM	25	25	22.09	21.91	21.89		
10	64QAM	50	0	21.98	21.81	21.93		
10	256QAM	1	0	19.00	18.97	18.96	20	5
10	256QAM	1	25	18.72	18.91	18.77		
10	256QAM	1	49	18.72	18.82	18.74		
10	256QAM	25	0	18.77	18.89	18.90	20	5
10	256QAM	25	12	18.83	19.02	18.88		
10	256QAM	25	25	18.84	18.87	18.84		
10	256QAM	50	0	18.88	18.83	18.91		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.04	23.96	23.99	25	0
5	QPSK	1	12	23.97	24.12	24.03		
5	QPSK	1	24	23.97	23.95	23.91		
5	QPSK	12	0	23.49	23.58	23.48	24.5	0.5
5	QPSK	12	7	23.52	23.42	23.45		
5	QPSK	12	13	23.50	23.44	23.47		
5	QPSK	25	0	23.49	23.51	23.44		
5	16QAM	1	0	23.50	23.77	23.56	24.5	0.5
5	16QAM	1	12	23.71	23.78	23.52		
5	16QAM	1	24	23.54	23.65	23.41		
5	16QAM	12	0	23.06	22.91	22.97	24	1
5	16QAM	12	7	22.97	22.88	23.02		
5	16QAM	12	13	22.90	22.94	22.81		
5	16QAM	25	0	23.03	22.87	22.96		
5	64QAM	1	0	22.51	22.83	22.81	24	1
5	64QAM	1	12	22.87	22.86	22.81		
5	64QAM	1	24	22.55	22.75	22.80		
5	64QAM	12	0	22.01	21.87	21.96	23	2
5	64QAM	12	7	21.91	21.93	22.03		
5	64QAM	12	13	21.99	21.91	21.98		
5	64QAM	25	0	21.96	21.85	21.88		
5	256QAM	1	0	18.93	19.02	18.92	20	5
5	256QAM	1	12	18.72	18.89	18.77		
5	256QAM	1	24	18.81	18.79	18.80		
5	256QAM	12	0	18.80	18.87	18.82	20	5
5	256QAM	12	7	18.76	18.97	18.87		
5	256QAM	12	13	18.79	18.93	18.83		
5	256QAM	25	0	18.89	18.97	18.84		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.91	23.87	23.94	25	0
3	QPSK	1	8	24.08	24.00	23.94		
3	QPSK	1	14	23.98	23.96	23.81		
3	QPSK	8	0	23.55	23.58	23.46	24.5	0.5
3	QPSK	8	4	23.42	23.39	23.42		
3	QPSK	8	7	23.52	23.46	23.36		
3	QPSK	15	0	23.47	23.44	23.45		
3	16QAM	1	0	23.53	23.83	23.57	24.5	0.5
3	16QAM	1	8	23.61	23.70	23.40		
3	16QAM	1	14	23.59	23.66	23.46		
3	16QAM	8	0	23.09	22.92	22.94	24	1
3	16QAM	8	4	22.98	22.99	22.96		
3	16QAM	8	7	23.01	22.85	22.91		
3	16QAM	15	0	22.92	22.87	22.97		
3	64QAM	1	0	22.53	22.74	22.89	24	1
3	64QAM	1	8	22.89	22.83	22.85		
3	64QAM	1	14	22.63	22.77	22.77		
3	64QAM	8	0	22.05	21.88	21.94	23	2
3	64QAM	8	4	21.96	21.99	21.96		
3	64QAM	8	7	22.02	21.96	21.89		
3	64QAM	15	0	22.03	21.90	21.95		
3	256QAM	1	0	19.04	19.03	18.96	20	5
3	256QAM	1	8	18.71	18.80	18.78		
3	256QAM	1	14	18.71	18.79	18.86		
3	256QAM	8	0	18.82	18.86	18.89	20	5
3	256QAM	8	4	18.79	18.92	18.78		
3	256QAM	8	7	18.79	18.88	18.77		
3	256QAM	15	0	18.80	18.86	18.95		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.00	23.90	24.02	25	0
1.4	QPSK	1	3	24.05	24.14	24.00		
1.4	QPSK	1	5	24.08	23.86	23.81		
1.4	QPSK	3	0	24.00	23.96	23.93		
1.4	QPSK	3	1	24.09	24.04	23.95		
1.4	QPSK	3	3	24.01	23.95	23.83		
1.4	QPSK	6	0	23.37	23.51	23.39	24.5	0.5
1.4	16QAM	1	0	23.51	23.71	23.47	24.5	0.5
1.4	16QAM	1	3	23.73	23.69	23.50		
1.4	16QAM	1	5	23.55	23.70	23.41		
1.4	16QAM	3	0	23.51	23.74	23.53		
1.4	16QAM	3	1	23.72	23.78	23.45		
1.4	16QAM	3	3	23.55	23.72	23.51		
1.4	16QAM	6	0	23.01	22.88	22.89	24	1
1.4	64QAM	1	0	22.64	22.74	22.83	24	1
1.4	64QAM	1	3	22.81	22.88	22.77		
1.4	64QAM	1	5	22.59	22.75	22.82		
1.4	64QAM	3	0	22.55	22.86	22.77		
1.4	64QAM	3	1	22.91	22.75	22.86		
1.4	64QAM	3	3	22.64	22.69	22.70		
1.4	64QAM	6	0	22.00	21.81	21.87	23	2
1.4	256QAM	1	0	18.99	18.99	19.02	20	5
1.4	256QAM	1	3	18.81	18.87	18.79		
1.4	256QAM	1	5	18.78	18.78	18.86		
1.4	256QAM	3	0	18.85	18.96	18.93		
1.4	256QAM	3	1	18.78	18.96	18.82		
1.4	256QAM	3	3	18.74	18.91	18.83		
1.4	256QAM	6	0	18.86	18.97	18.95	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.15	22.20	22.18	23	0
15	QPSK	1	37	22.08	22.17	22.06		
15	QPSK	1	74	22.12	22.17	22.13		
15	QPSK	36	0	22.13	22.19	22.17	23	0
15	QPSK	36	20	22.12	22.06	22.12		
15	QPSK	36	39	22.04	22.07	22.10		
15	QPSK	75	0	22.08	22.11	22.04		
15	16QAM	1	0	22.00	22.16	22.17	23	0
15	16QAM	1	37	22.11	22.13	22.16		
15	16QAM	1	74	22.03	22.11	22.12		
15	16QAM	36	0	22.01	22.08	22.14	23	0
15	16QAM	36	20	22.10	22.12	22.04		
15	16QAM	36	39	22.03	22.14	22.12		
15	16QAM	75	0	22.13	22.17	22.03		
15	64QAM	1	0	22.11	22.18	22.07	23	0
15	64QAM	1	37	22.14	22.10	22.08		
15	64QAM	1	74	22.09	22.14	22.14		
15	64QAM	36	0	21.66	21.57	21.54	22.5	0.5
15	64QAM	36	20	21.67	21.55	21.63		
15	64QAM	36	39	21.60	21.58	21.59		
15	64QAM	75	0	21.66	21.52	21.61		
15	256QAM	1	0	18.63	18.77	18.62	19.5	3.5
15	256QAM	1	37	18.59	18.68	18.56		
15	256QAM	1	74	18.61	18.62	18.56		
15	256QAM	36	0	18.57	18.62	18.50	19.5	3.5
15	256QAM	36	20	18.65	18.69	18.64		
15	256QAM	36	39	18.49	18.63	18.61		
15	256QAM	75	0	18.61	18.66	18.55		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.09	22.08	22.17	23	0
10	QPSK	1	25	22.02	22.02	21.94		
10	QPSK	1	49	21.99	22.09	22.05		
10	QPSK	25	0	22.03	22.14	22.09	23	0
10	QPSK	25	12	21.97	21.91	22.04		
10	QPSK	25	25	21.93	21.96	22.07		
10	QPSK	50	0	22.04	22.08	22.00		
10	16QAM	1	0	21.87	22.05	22.14	23	0
10	16QAM	1	25	21.96	22.07	22.15		
10	16QAM	1	49	21.96	21.96	22.06		
10	16QAM	25	0	21.95	21.99	22.06	23	0
10	16QAM	25	12	21.98	22.02	22.02		
10	16QAM	25	25	22.00	22.00	22.05		
10	16QAM	50	0	22.04	22.02	21.89		
10	64QAM	1	0	22.02	22.12	22.01	23	0
10	64QAM	1	25	22.05	22.07	22.06		
10	64QAM	1	49	22.00	22.07	22.11		
10	64QAM	25	0	21.60	21.55	21.45	22.5	0.5
10	64QAM	25	12	21.59	21.40	21.50		
10	64QAM	25	25	21.57	21.51	21.45		
10	64QAM	50	0	21.52	21.50	21.58		
10	256QAM	1	0	18.54	18.64	18.59	19.5	3.5
10	256QAM	1	25	18.53	18.62	18.43		
10	256QAM	1	49	18.54	18.55	18.54		
10	256QAM	25	0	18.55	18.53	18.46	19.5	3.5
10	256QAM	25	12	18.61	18.66	18.59		
10	256QAM	25	25	18.48	18.62	18.52		
10	256QAM	50	0	18.59	18.59	18.52		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.09	22.10	22.17	23	0
5	QPSK	1	12	22.04	22.04	21.97		
5	QPSK	1	24	22.03	22.02	22.10		
5	QPSK	12	0	22.04	22.06	22.15	23	0
5	QPSK	12	7	21.98	22.02	22.07		
5	QPSK	12	13	22.03	21.95	22.01		
5	QPSK	25	0	22.01	22.10	22.00		
5	16QAM	1	0	21.98	22.10	22.08	23	0
5	16QAM	1	12	22.09	22.01	22.12		
5	16QAM	1	24	21.96	21.99	22.00		
5	16QAM	12	0	22.00	22.05	22.00	23	0
5	16QAM	12	7	22.01	22.09	22.01		
5	16QAM	12	13	21.96	22.13	21.99		
5	16QAM	25	0	22.05	22.07	21.99		
5	64QAM	1	0	22.03	22.16	22.02	23	0
5	64QAM	1	12	22.00	22.01	22.04		
5	64QAM	1	24	22.07	22.09	21.99		
5	64QAM	12	0	21.56	21.42	21.40	22.5	0.5
5	64QAM	12	7	21.52	21.43	21.59		
5	64QAM	12	13	21.49	21.45	21.53		
5	64QAM	25	0	21.56	21.37	21.52		
5	256QAM	1	0	18.59	18.74	18.60	19.5	3.5
5	256QAM	1	12	18.54	18.64	18.55		
5	256QAM	1	24	18.55	18.49	18.52		
5	256QAM	12	0	18.53	18.52	18.46	19.5	3.5
5	256QAM	12	7	18.50	18.62	18.52		
5	256QAM	12	13	18.45	18.53	18.57		
5	256QAM	25	0	18.58	18.55	18.45		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.13	22.12	22.07	23	0
3	QPSK	1	8	22.03	22.08	22.04		
3	QPSK	1	14	22.08	22.07	22.00		
3	QPSK	8	0	22.05	22.12	22.08	23	0
3	QPSK	8	4	22.07	22.05	22.11		
3	QPSK	8	7	21.92	22.05	21.99		
3	QPSK	15	0	21.99	22.01	21.94		
3	16QAM	1	0	21.85	22.12	22.03	23	0
3	16QAM	1	8	22.00	22.08	22.13		
3	16QAM	1	14	21.89	22.01	21.97		
3	16QAM	8	0	21.92	21.98	22.01	23	0
3	16QAM	8	4	21.97	22.01	21.98		
3	16QAM	8	7	21.90	22.05	22.00		
3	16QAM	15	0	22.07	22.16	21.99		
3	64QAM	1	0	22.05	22.13	22.02	23	0
3	64QAM	1	8	22.11	21.97	22.00		
3	64QAM	1	14	22.06	21.99	22.12		
3	64QAM	8	0	21.58	21.54	21.49	22.5	0.5
3	64QAM	8	4	21.55	21.51	21.62		
3	64QAM	8	7	21.56	21.53	21.45		
3	64QAM	15	0	21.64	21.49	21.46		
3	256QAM	1	0	18.49	18.74	18.56	19.5	3.5
3	256QAM	1	8	18.46	18.54	18.53		
3	256QAM	1	14	18.56	18.61	18.42		
3	256QAM	8	0	18.54	18.60	18.45	19.5	3.5
3	256QAM	8	4	18.64	18.63	18.56		
3	256QAM	8	7	18.35	18.51	18.57		
3	256QAM	15	0	18.50	18.62	18.53		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.09	22.05	22.14	23	0
1.4	QPSK	1	3	22.00	22.14	22.00		
1.4	QPSK	1	5	21.99	22.16	22.07		
1.4	QPSK	3	0	22.09	22.12	22.05		
1.4	QPSK	3	1	22.00	22.14	21.98		
1.4	QPSK	3	3	22.02	22.04	21.98		
1.4	QPSK	6	0	22.10	22.08	22.14	23	0
1.4	16QAM	1	0	21.98	22.05	22.01	23	0
1.4	16QAM	1	3	21.91	21.95	21.98		
1.4	16QAM	1	5	21.96	22.01	21.89		
1.4	16QAM	3	0	21.85	22.06	22.07		
1.4	16QAM	3	1	22.02	22.10	22.13		
1.4	16QAM	3	3	21.92	22.01	22.05		
1.4	16QAM	6	0	21.91	22.03	22.13	23	0
1.4	64QAM	1	0	21.98	22.08	21.96	23	0
1.4	64QAM	1	3	21.94	22.03	21.99		
1.4	64QAM	1	5	22.06	22.10	21.98		
1.4	64QAM	3	0	21.97	22.10	22.05		
1.4	64QAM	3	1	22.04	21.98	22.02		
1.4	64QAM	3	3	22.04	22.13	22.04		
1.4	64QAM	6	0	21.57	21.50	21.52	22.5	0.5
1.4	256QAM	1	0	18.57	18.67	18.59	19.5	3.5
1.4	256QAM	1	3	18.58	18.62	18.44		
1.4	256QAM	1	5	18.56	18.52	18.50		
1.4	256QAM	3	0	18.44	18.59	18.36		
1.4	256QAM	3	1	18.55	18.57	18.59		
1.4	256QAM	3	3	18.45	18.58	18.49		
1.4	256QAM	6	0	18.49	18.60	18.51	19.5	3.5

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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	20.15	20.24	20.18		
20	QPSK	1	49	20.07	20.20	20.03	21	0
20	QPSK	1	99	20.03	20.13	20.03		
20	QPSK	50	0	20.13	20.20	20.15		
20	QPSK	50	24	20.12	20.09	20.10	21	0
20	QPSK	50	50	20.05	20.19	20.11		
20	QPSK	100	0	20.13	20.18	20.13		
20	16QAM	1	0	20.03	20.17	20.12		
20	16QAM	1	49	20.13	20.18	20.11	21	0
20	16QAM	1	99	20.00	20.15	20.08		
20	16QAM	50	0	20.10	20.21	20.05		
20	16QAM	50	24	20.10	20.23	20.07	21	0
20	16QAM	50	50	20.11	20.11	20.06		
20	16QAM	100	0	20.05	20.15	20.07		
20	64QAM	1	0	20.08	20.22	20.15		
20	64QAM	1	49	20.03	20.23	20.06	21	0
20	64QAM	1	99	20.10	20.12	20.03		
20	64QAM	50	0	20.11	20.22	20.17		
20	64QAM	50	24	20.10	20.14	20.05	21	0
20	64QAM	50	50	20.01	20.21	20.11		
20	64QAM	100	0	20.00	20.15	20.14		
20	256QAM	1	0	19.07	19.10	19.07		
20	256QAM	1	49	18.91	18.95	18.92	20	1
20	256QAM	1	99	18.91	19.04	19.01		
20	256QAM	50	0	18.96	19.06	18.91		
20	256QAM	50	24	18.95	18.96	18.92	20	1
20	256QAM	50	50	18.93	19.04	18.97		
20	256QAM	100	0	18.84	18.95	18.92		
Channel				132047	132222	132397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.10	20.17	20.03		
15	QPSK	1	37	20.01	20.11	19.93	21	0
15	QPSK	1	74	19.89	20.09	19.96		
15	QPSK	36	0	20.06	20.09	20.01		
15	QPSK	36	20	20.08	20.08	20.08	21	0
15	QPSK	36	39	20.01	20.08	19.97		
15	QPSK	75	0	20.03	20.16	20.04		
15	16QAM	1	0	19.89	20.12	19.98		
15	16QAM	1	37	20.02	20.13	20.04	21	0
15	16QAM	1	74	19.90	20.01	19.96		
15	16QAM	36	0	20.04	20.10	19.90		
15	16QAM	36	20	20.01	20.10	20.00	21	0
15	16QAM	36	39	20.00	20.09	19.94		
15	16QAM	75	0	20.04	20.00	19.99		
15	64QAM	1	0	20.01	20.08	20.03		
15	64QAM	1	37	19.97	20.09	20.01	21	0
15	64QAM	1	74	20.07	20.08	19.97		
15	64QAM	36	0	20.00	20.11	20.08		
15	64QAM	36	20	20.06	19.99	19.92	21	0
15	64QAM	36	39	19.88	20.20	20.05		
15	64QAM	75	0	19.91	20.06	20.12		
15	256QAM	1	0	19.02	19.00	18.95		
15	256QAM	1	37	18.81	18.91	18.88	20	1
15	256QAM	1	74	18.82	19.01	18.96		
15	256QAM	36	0	18.90	18.99	18.90		
15	256QAM	36	20	18.92	18.87	18.86	20	1
15	256QAM	36	39	18.79	18.91	18.94		
15	256QAM	75	0	18.75	18.85	18.80		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.10	20.12	20.14		
10	QPSK	1	25	19.96	20.10	19.92	21	0
10	QPSK	1	49	19.91	20.11	20.02		
10	QPSK	25	0	20.02	20.07	20.07		
10	QPSK	25	12	20.03	19.97	20.05	21	0
10	QPSK	25	25	19.91	20.16	20.06		
10	QPSK	50	0	20.04	20.08	20.04		
10	16QAM	1	0	19.95	20.15	19.98		
10	16QAM	1	25	20.04	20.07	20.02	21	0
10	16QAM	1	49	19.86	20.05	20.07		
10	16QAM	25	0	20.06	20.07	20.04		
10	16QAM	25	12	20.05	20.20	19.94	21	0
10	16QAM	25	25	20.10	20.04	20.04		
10	16QAM	50	0	19.97	20.09	19.96		
10	64QAM	1	0	20.06	20.16	20.03		
10	64QAM	1	25	19.92	20.15	19.96	21	0
10	64QAM	1	49	20.01	20.07	19.97		
10	64QAM	25	0	20.05	20.07	20.16		
10	64QAM	25	12	20.02	19.99	19.94	21	0
10	64QAM	25	25	19.97	20.19	20.06		
10	64QAM	50	0	19.98	20.10	20.04		
10	256QAM	1	0	18.94	18.99	19.03		
10	256QAM	1	25	18.79	18.86	18.79	20	1
10	256QAM	1	49	18.78	19.03	18.89		
10	256QAM	25	0	18.90	18.98	18.78		
10	256QAM	25	12	18.87	18.95	18.79	20	1
10	256QAM	25	25	18.89	18.92	18.82		
10	256QAM	50	0	18.73	18.88	18.84		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.08	20.09	20.07		
5	QPSK	1	12	20.06	20.07	19.96	21	0
5	QPSK	1	24	19.88	19.98	19.91		
5	QPSK	12	0	20.08	20.07	20.13		
5	QPSK	12	7	19.99	20.04	20.07	21	0
5	QPSK	12	13	19.99	20.18	20.06		
5	QPSK	25	0	20.09	20.15	20.09		
5	16QAM	1	0	19.88	20.10	19.98		
5	16QAM	1	12	19.99	20.07	20.05	21	0
5	16QAM	1	24	19.92	20.00	20.06		
5	16QAM	12	0	20.02	20.15	20.01		
5	16QAM	12	7	20.06	20.16	19.92	21	0
5	16QAM	12	13	20.06	19.98	19.94		
5	16QAM	25	0	20.04	20.14	20.03		
5	64QAM	1	0	19.97	20.10	20.01		
5	64QAM	1	12	19.96	20.08	20.03	21	0
5	64QAM	1	24	19.97	20.03	19.98		
5	64QAM	12	0	19.99	20.13	20.04		
5	64QAM	12	7	19.97	20.06	19.95	21	0
5	64QAM	12	13	19.89	20.13	20.01		
5	64QAM	25	0	19.94	20.07	20.03		
5	256QAM	1	0	18.97	19.05	19.00		
5	256QAM	1	12	18.83	18.92	18.80	20	1
5	256QAM	1	24	18.76	18.95	18.92		
5	256QAM	12	0	18.89	18.97	18.80		
5	256QAM	12	7	18.91	18.85	18.89	20	1
5	256QAM	12	13	18.84	18.93	18.86		
5	256QAM	25	0	18.75	18.92	18.79		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.09	20.16	20.09		
3	QPSK	1	8	20.00	20.19	19.88	21	0
3	QPSK	1	14	20.01	20.12	19.97		
3	QPSK	8	0	19.98	20.09	20.07		
3	QPSK	8	4	19.97	20.07	20.05	21	0
3	QPSK	8	7	19.94	20.17	19.96		
3	QPSK	15	0	20.01	20.12	20.08		
3	16QAM	1	0	19.89	20.12	19.98		
3	16QAM	1	8	20.00	20.11	20.07	21	0
3	16QAM	1	14	19.87	20.13	20.07		
3	16QAM	8	0	20.08	20.09	19.97		
3	16QAM	8	4	20.08	20.18	19.92	21	0
3	16QAM	8	7	20.02	19.97	19.99		
3	16QAM	15	0	19.97	20.11	20.05		
3	64QAM	1	0	20.05	20.18	20.04		
3	64QAM	1	8	19.98	20.08	20.02	21	0
3	64QAM	1	14	20.07	19.99	19.91		
3	64QAM	8	0	20.03	20.07	20.11		
3	64QAM	8	4	20.01	20.09	20.01	21	0
3	64QAM	8	7	19.98	20.17	20.10		
3	64QAM	15	0	19.89	20.09	20.08		
3	256QAM	1	0	19.05	19.09	19.06		
3	256QAM	1	8	18.85	18.85	18.87	20	1
3	256QAM	1	14	18.86	19.00	18.88		
3	256QAM	8	0	18.92	19.05	18.85		
3	256QAM	8	4	18.80	18.91	18.81	20	1
3	256QAM	8	7	18.83	19.01	18.94		
3	256QAM	15	0	18.76	18.92	18.81		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.02	20.11	20.04		
1.4	QPSK	1	3	20.04	20.17	19.89		
1.4	QPSK	1	5	19.90	20.12	19.93	21	0
1.4	QPSK	3	0	20.09	20.13	20.00		
1.4	QPSK	3	1	20.02	20.03	20.05		
1.4	QPSK	3	3	19.95	20.16	20.02		
1.4	QPSK	6	0	20.00	20.03	20.10	21	0
1.4	16QAM	1	0	20.00	20.15	19.97		
1.4	16QAM	1	3	19.99	20.15	20.10	21	0
1.4	16QAM	1	5	19.99	20.14	20.02		
1.4	16QAM	3	0	20.07	20.08	20.03		
1.4	16QAM	3	1	20.02	20.20	19.94		
1.4	16QAM	3	3	20.06	20.04	19.94		
1.4	16QAM	6	0	19.90	20.04	20.00	21	0
1.4	64QAM	1	0	20.07	20.20	20.05		
1.4	64QAM	1	3	19.99	20.10	19.97		
1.4	64QAM	1	5	20.09	20.01	19.90	21	0
1.4	64QAM	3	0	19.98	20.14	20.04		
1.4	64QAM	3	1	19.99	20.05	19.93		
1.4	64QAM	3	3	19.97	20.17	20.09		
1.4	64QAM	6	0	19.85	20.02	20.04	21	0
1.4	256QAM	1	0	19.04	19.08	19.05		
1.4	256QAM	1	3	18.90	18.94	18.91		
1.4	256QAM	1	5	18.82	19.02	18.95	20	1
1.4	256QAM	3	0	18.84	19.04	18.77		
1.4	256QAM	3	1	18.91	18.84	18.83		
1.4	256QAM	3	3	18.82	18.90	18.95		
1.4	256QAM	6	0	18.81	18.86	18.84	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.45	20.52	20.48		
20	QPSK	1	49	20.31	20.45	20.34	21.1	0
20	QPSK	1	99	20.35	20.47	20.40		
20	QPSK	50	0	20.42	20.50	20.45		
20	QPSK	50	24	20.32	20.48	20.39	21.1	0
20	QPSK	50	50	20.40	20.44	20.34		
20	QPSK	100	0	20.34	20.45	20.34		
20	16QAM	1	0	20.33	20.41	20.46		
20	16QAM	1	49	20.43	20.47	20.40	21.1	0
20	16QAM	1	99	20.31	20.50	20.33		
20	16QAM	50	0	20.39	20.48	20.35		
20	16QAM	50	24	20.39	20.51	20.40	21.1	0
20	16QAM	50	50	20.39	20.44	20.44		
20	16QAM	100	0	20.36	20.38	20.39		
20	64QAM	1	0	20.37	20.48	20.40		
20	64QAM	1	49	20.31	20.47	20.37	21.1	0
20	64QAM	1	99	20.41	20.40	20.39		
20	64QAM	50	0	20.33	20.46	20.37		
20	64QAM	50	24	20.40	20.43	20.42	21.1	0
20	64QAM	50	50	20.34	20.42	20.36		
20	64QAM	100	0	20.33	20.47	20.39		
20	256QAM	1	0	18.88	18.92	18.88		
20	256QAM	1	49	18.87	18.87	18.88	19.6	1.5
20	256QAM	1	99	18.88	18.83	18.79		
20	256QAM	50	0	18.86	18.77	18.90		
20	256QAM	50	24	18.87	18.78	18.85	19.6	1.5
20	256QAM	50	50	18.90	18.88	18.78		
20	256QAM	100	0	18.87	18.84	18.86		
Channel				132047	132222	132397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.32	20.50	20.41		
15	QPSK	1	37	20.16	20.44	20.31	21.1	0
15	QPSK	1	74	20.27	20.32	20.25		
15	QPSK	36	0	20.29	20.49	20.34		
15	QPSK	36	20	20.27	20.37	20.32	21.1	0
15	QPSK	36	39	20.30	20.33	20.28		
15	QPSK	75	0	20.33	20.36	20.30		
15	16QAM	1	0	20.24	20.27	20.45		
15	16QAM	1	37	20.36	20.44	20.39	21.1	0
15	16QAM	1	74	20.19	20.45	20.31		
15	16QAM	36	0	20.36	20.34	20.27		
15	16QAM	36	20	20.33	20.42	20.25	21.1	0
15	16QAM	36	39	20.29	20.31	20.42		
15	16QAM	75	0	20.29	20.31	20.29		
15	64QAM	1	0	20.25	20.33	20.27		
15	64QAM	1	37	20.28	20.44	20.23	21.1	0
15	64QAM	1	74	20.29	20.34	20.27		
15	64QAM	36	0	20.23	20.39	20.25		
15	64QAM	36	20	20.30	20.37	20.32	21.1	0
15	64QAM	36	39	20.21	20.27	20.29		
15	64QAM	75	0	20.27	20.46	20.32		
15	256QAM	1	0	18.84	18.85	18.83		
15	256QAM	1	37	18.75	18.80	18.79	19.6	1.5
15	256QAM	1	74	18.85	18.82	18.76		
15	256QAM	36	0	18.75	18.62	18.86		
15	256QAM	36	20	18.86	18.66	18.78	19.6	1.5
15	256QAM	36	39	18.85	18.82	18.64		
15	256QAM	75	0	18.78	18.77	18.84		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.42	20.44	20.34		
10	QPSK	1	25	20.21	20.43	20.25	21.1	0
10	QPSK	1	49	20.32	20.35	20.34		
10	QPSK	25	0	20.30	20.36	20.31		
10	QPSK	25	12	20.17	20.44	20.29	21.1	0
10	QPSK	25	25	20.32	20.42	20.24		
10	QPSK	50	0	20.29	20.37	20.26		
10	16QAM	1	0	20.30	20.26	20.36		
10	16QAM	1	25	20.37	20.46	20.33	21.1	0
10	16QAM	1	49	20.18	20.42	20.20		
10	16QAM	25	0	20.38	20.33	20.34		
10	16QAM	25	12	20.27	20.40	20.30	21.1	0
10	16QAM	25	25	20.28	20.41	20.38		
10	16QAM	50	0	20.32	20.26	20.24		
10	64QAM	1	0	20.23	20.33	20.28		
10	64QAM	1	25	20.29	20.38	20.24	21.1	0
10	64QAM	1	49	20.35	20.33	20.38		
10	64QAM	25	0	20.29	20.34	20.29		
10	64QAM	25	12	20.32	20.32	20.30	21.1	0
10	64QAM	25	25	20.29	20.31	20.34		
10	64QAM	50	0	20.30	20.42	20.37		
10	256QAM	1	0	18.82	18.91	18.74		
10	256QAM	1	25	18.84	18.86	18.87	19.6	1.5
10	256QAM	1	49	18.86	18.71	18.69		
10	256QAM	25	0	18.80	18.76	18.80		
10	256QAM	25	12	18.74	18.73	18.83	19.6	1.5
10	256QAM	25	25	18.85	18.86	18.69		
10	256QAM	50	0	18.74	18.79	18.74		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.34	20.38	20.44		
5	QPSK	1	12	20.20	20.44	20.20	21.1	0
5	QPSK	1	24	20.23	20.35	20.34		
5	QPSK	12	0	20.30	20.48	20.37		
5	QPSK	12	7	20.25	20.41	20.24	21.1	0
5	QPSK	12	13	20.34	20.29	20.23		
5	QPSK	25	0	20.21	20.31	20.24		
5	16QAM	1	0	20.22	20.38	20.37		
5	16QAM	1	12	20.34	20.37	20.31	21.1	0
5	16QAM	1	24	20.26	20.40	20.23		
5	16QAM	12	0	20.37	20.47	20.32		
5	16QAM	12	7	20.26	20.36	20.34	21.1	0
5	16QAM	12	13	20.26	20.40	20.35		
5	16QAM	25	0	20.35	20.31	20.30		
5	64QAM	1	0	20.22	20.35	20.25		
5	64QAM	1	12	20.29	20.41	20.33	21.1	0
5	64QAM	1	24	20.34	20.31	20.28		
5	64QAM	12	0	20.21	20.44	20.27		
5	64QAM	12	7	20.30	20.34	20.30	21.1	0
5	64QAM	12	13	20.20	20.41	20.25		
5	64QAM	25	0	20.18	20.46	20.29		
5	256QAM	1	0	18.85	18.84	18.85		
5	256QAM	1	12	18.73	18.81	18.76	19.6	1.5
5	256QAM	1	24	18.74	18.82	18.78		
5	256QAM	12	0	18.83	18.67	18.78		
5	256QAM	12	7	18.76	18.74	18.72	19.6	1.5
5	256QAM	12	13	18.75	18.78	18.76		
5	256QAM	25	0	18.74	18.77	18.85		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.37	20.46	20.35		
3	QPSK	1	8	20.21	20.44	20.19	21.1	0
3	QPSK	1	14	20.34	20.37	20.32		
3	QPSK	8	0	20.28	20.42	20.30		
3	QPSK	8	4	20.25	20.45	20.25	21.1	0
3	QPSK	8	7	20.32	20.42	20.21		
3	QPSK	15	0	20.31	20.34	20.24		
3	16QAM	1	0	20.25	20.26	20.32		
3	16QAM	1	8	20.30	20.39	20.29	21.1	0
3	16QAM	1	14	20.27	20.41	20.26		
3	16QAM	8	0	20.35	20.33	20.29		
3	16QAM	8	4	20.27	20.42	20.27	21.1	0
3	16QAM	8	7	20.35	20.30	20.40		
3	16QAM	15	0	20.27	20.26	20.37		
3	64QAM	1	0	20.24	20.35	20.28		
3	64QAM	1	8	20.16	20.33	20.31	21.1	0
3	64QAM	1	14	20.33	20.26	20.27		
3	64QAM	8	0	20.21	20.36	20.25		
3	64QAM	8	4	20.30	20.39	20.38	21.1	0
3	64QAM	8	7	20.30	20.29	20.21		
3	64QAM	15	0	20.26	20.33	20.30		
3	256QAM	1	0	18.74	18.81	18.80		
3	256QAM	1	8	18.76	18.77	18.74	19.6	1.5
3	256QAM	1	14	18.74	18.78	18.67		
3	256QAM	8	0	18.71	18.68	18.77		
3	256QAM	8	4	18.74	18.69	18.78	19.6	1.5
3	256QAM	8	7	18.83	18.78	18.64		
3	256QAM	15	0	18.86	18.79	18.73		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.32	20.44	20.39		
1.4	QPSK	1	3	20.19	20.40	20.25		
1.4	QPSK	1	5	20.28	20.42	20.27	21.1	0
1.4	QPSK	3	0	20.31	20.43	20.31		
1.4	QPSK	3	1	20.23	20.35	20.26		
1.4	QPSK	3	3	20.28	20.42	20.28		
1.4	QPSK	6	0	20.24	20.31	20.20	21.1	0
1.4	16QAM	1	0	20.27	20.30	20.33		
1.4	16QAM	1	3	20.29	20.41	20.35		
1.4	16QAM	1	5	20.20	20.48	20.19	21.1	0
1.4	16QAM	3	0	20.28	20.36	20.22		
1.4	16QAM	3	1	20.37	20.36	20.37		
1.4	16QAM	3	3	20.28	20.35	20.36		
1.4	16QAM	6	0	20.33	20.35	20.35	21.1	0
1.4	64QAM	1	0	20.36	20.47	20.33		
1.4	64QAM	1	3	20.18	20.44	20.35		
1.4	64QAM	1	5	20.31	20.38	20.36	21.1	0
1.4	64QAM	3	0	20.24	20.41	20.24		
1.4	64QAM	3	1	20.30	20.34	20.35		
1.4	64QAM	3	3	20.27	20.36	20.27		
1.4	64QAM	6	0	20.25	20.37	20.35	21.1	0
1.4	256QAM	1	0	18.87	18.83	18.82		
1.4	256QAM	1	3	18.76	18.83	18.78		
1.4	256QAM	1	5	18.74	18.76	18.67	19.6	1.5
1.4	256QAM	3	0	18.76	18.62	18.75		
1.4	256QAM	3	1	18.79	18.72	18.74		
1.4	256QAM	3	3	18.75	18.84	18.74		
1.4	256QAM	6	0	18.85	18.81	18.85	19.6	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	21.12	21.20	21.15	21.9	0
20	QPSK	1	49	21.07	21.14	21.06		
20	QPSK	1	99	21.10	21.13	21.03		
20	QPSK	50	0	21.09	21.17	21.12	21.9	0
20	QPSK	50	24	20.97	21.15	21.05		
20	QPSK	50	50	21.01	21.17	21.05		
20	QPSK	100	0	20.98	21.15	21.10		
20	16QAM	1	0	21.06	21.08	21.00	21.9	0
20	16QAM	1	49	21.08	21.08	21.14		
20	16QAM	1	99	21.11	21.19	21.09		
20	16QAM	50	0	21.05	21.13	21.13	21.9	0
20	16QAM	50	24	21.10	21.15	21.04		
20	16QAM	50	50	21.03	21.06	21.05		
20	16QAM	100	0	20.98	21.13	21.08		
20	64QAM	1	0	21.05	21.16	21.03	21.9	0
20	64QAM	1	49	20.97	21.06	21.02		
20	64QAM	1	99	21.01	21.17	21.05		
20	64QAM	50	0	21.05	21.12	21.13	21.9	0
20	64QAM	50	24	21.06	21.15	21.02		
20	64QAM	50	50	20.97	21.18	21.06		
20	64QAM	100	0	21.07	21.07	21.04		
20	256QAM	1	0	18.62	18.68	18.61	19.4	2.5
20	256QAM	1	49	18.65	18.64	18.58		
20	256QAM	1	99	18.59	18.68	18.62		
20	256QAM	50	0	18.57	18.65	18.68	19.4	2.5
20	256QAM	50	24	18.63	18.66	18.59		
20	256QAM	50	50	18.55	18.63	18.61		
20	256QAM	100	0	18.59	18.68	18.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.08	21.06	21.02	21.9	0
15	QPSK	1	37	21.05	21.06	20.91		
15	QPSK	1	74	21.00	21.08	21.02		
15	QPSK	36	0	21.00	21.16	21.00	21.9	0
15	QPSK	36	20	20.95	21.03	21.00		
15	QPSK	36	39	20.89	21.11	20.91		
15	QPSK	75	0	20.93	21.00	20.97		
15	16QAM	1	0	20.92	21.04	20.96	21.9	0
15	16QAM	1	37	21.00	20.96	21.04		
15	16QAM	1	74	21.10	21.13	20.95		
15	16QAM	36	0	21.02	21.12	21.02	21.9	0
15	16QAM	36	20	21.08	21.08	21.03		
15	16QAM	36	39	20.90	21.03	20.90		
15	16QAM	75	0	20.87	21.11	21.00		
15	64QAM	1	0	20.93	21.10	20.97	21.9	0
15	64QAM	1	37	20.82	20.97	20.94		
15	64QAM	1	74	20.95	21.03	20.94		
15	64QAM	36	0	21.01	21.09	21.04	21.9	0
15	64QAM	36	20	21.02	21.00	20.88		
15	64QAM	36	39	20.85	21.16	20.92		
15	64QAM	75	0	20.98	20.94	20.89		
15	256QAM	1	0	18.56	18.59	18.57	19.4	2.5
15	256QAM	1	37	18.61	18.61	18.45		
15	256QAM	1	74	18.49	18.67	18.57		
15	256QAM	36	0	18.43	18.62	18.67	19.4	2.5
15	256QAM	36	20	18.58	18.52	18.49		
15	256QAM	36	39	18.44	18.52	18.57		
15	256QAM	75	0	18.57	18.65	18.48		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.02	21.08	21.06	21.9	0
10	QPSK	1	25	20.94	21.02	21.01		
10	QPSK	1	49	20.95	21.04	20.95		
10	QPSK	25	0	20.97	21.11	21.02	21.9	0
10	QPSK	25	12	20.94	21.07	21.03		
10	QPSK	25	25	20.98	21.10	21.01		
10	QPSK	50	0	20.90	21.09	21.06		
10	16QAM	1	0	20.95	21.00	20.89	21.9	0
10	16QAM	1	25	20.93	21.02	21.10		
10	16QAM	1	49	21.07	21.09	21.03		
10	16QAM	25	0	20.95	21.09	21.12	21.9	0
10	16QAM	25	12	21.09	21.11	20.90		
10	16QAM	25	25	20.88	20.94	20.96		
10	16QAM	50	0	20.89	21.01	20.97		
10	64QAM	1	0	20.92	21.11	20.99	21.9	0
10	64QAM	1	25	20.83	20.92	20.97		
10	64QAM	1	49	20.87	21.12	20.92		
10	64QAM	25	0	21.03	21.07	21.03	21.9	0
10	64QAM	25	12	20.99	21.14	20.89		
10	64QAM	25	25	20.94	21.10	20.91		
10	64QAM	50	0	21.06	20.92	20.89		
10	256QAM	1	0	18.59	18.57	18.60	19.4	2.5
10	256QAM	1	25	18.53	18.54	18.50		
10	256QAM	1	49	18.49	18.66	18.51		
10	256QAM	25	0	18.44	18.58	18.53	19.4	2.5
10	256QAM	25	12	18.59	18.55	18.52		
10	256QAM	25	25	18.53	18.58	18.52		
10	256QAM	50	0	18.47	18.53	18.54		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.03	21.14	21.02	21.9	0
5	QPSK	1	12	20.97	21.06	20.98		
5	QPSK	1	24	21.01	21.09	20.89		
5	QPSK	12	0	20.93	21.09	21.07	21.9	0
5	QPSK	12	7	20.92	21.05	20.90		
5	QPSK	12	13	20.90	21.08	20.94		
5	QPSK	25	0	20.83	21.08	20.98		
5	16QAM	1	0	21.02	20.93	20.87	21.9	0
5	16QAM	1	12	20.96	21.03	21.06		
5	16QAM	1	24	21.09	21.17	21.07		
5	16QAM	12	0	20.99	21.11	21.04	21.9	0
5	16QAM	12	7	20.95	21.09	21.03		
5	16QAM	12	13	20.92	21.04	20.91		
5	16QAM	25	0	20.96	21.11	20.95		
5	64QAM	1	0	21.01	21.12	21.02	21.9	0
5	64QAM	1	12	20.89	21.00	20.89		
5	64QAM	1	24	20.92	21.15	21.01		
5	64QAM	12	0	21.00	21.09	21.03	21.9	0
5	64QAM	12	7	21.03	21.00	21.01		
5	64QAM	12	13	20.91	21.09	20.91		
5	64QAM	25	0	20.92	20.93	20.95		
5	256QAM	1	0	18.58	18.55	18.53	19.4	2.5
5	256QAM	1	12	18.63	18.54	18.46		
5	256QAM	1	24	18.57	18.59	18.59		
5	256QAM	12	0	18.53	18.58	18.63	19.4	2.5
5	256QAM	12	7	18.53	18.63	18.53		
5	256QAM	12	13	18.49	18.58	18.50		
5	256QAM	25	0	18.54	18.58	18.53		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.99	21.11	21.08	21.9	0
3	QPSK	1	8	21.04	21.02	20.94		
3	QPSK	1	14	21.04	20.99	20.92		
3	QPSK	8	0	21.01	21.08	21.03	21.9	0
3	QPSK	8	4	20.96	21.09	21.00		
3	QPSK	8	7	20.95	21.10	20.99		
3	QPSK	15	0	20.97	21.02	20.97		
3	16QAM	1	0	21.04	21.03	20.91	21.9	0
3	16QAM	1	8	20.93	21.05	21.02		
3	16QAM	1	14	21.00	21.16	21.07		
3	16QAM	8	0	21.03	21.05	20.98	21.9	0
3	16QAM	8	4	21.08	21.05	20.98		
3	16QAM	8	7	20.98	21.02	20.90		
3	16QAM	15	0	20.92	21.02	20.97		
3	64QAM	1	0	20.90	21.05	20.88	21.9	0
3	64QAM	1	8	20.89	21.00	21.00		
3	64QAM	1	14	20.94	21.14	20.96		
3	64QAM	8	0	21.01	21.06	21.00	21.9	0
3	64QAM	8	4	20.91	21.02	20.89		
3	64QAM	8	7	20.82	21.07	21.04		
3	64QAM	15	0	21.06	20.93	20.91		
3	256QAM	1	0	18.59	18.63	18.58	19.4	2.5
3	256QAM	1	8	18.60	18.57	18.45		
3	256QAM	1	14	18.54	18.62	18.58		
3	256QAM	8	0	18.47	18.54	18.60	19.4	2.5
3	256QAM	8	4	18.54	18.57	18.50		
3	256QAM	8	7	18.49	18.60	18.51		
3	256QAM	15	0	18.55	18.62	18.56		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.99	21.18	21.11	21.9	0
1.4	QPSK	1	3	21.04	21.05	21.00		
1.4	QPSK	1	5	21.06	20.98	21.02		
1.4	QPSK	3	0	20.94	21.06	21.00		
1.4	QPSK	3	1	20.84	21.03	21.04		
1.4	QPSK	3	3	21.00	21.02	21.04		
1.4	QPSK	6	0	20.84	21.08	21.03	21.9	0
1.4	16QAM	1	0	20.93	20.99	20.98	21.9	0
1.4	16QAM	1	3	20.95	21.07	21.08		
1.4	16QAM	1	5	21.07	21.11	21.01		
1.4	16QAM	3	0	20.90	21.06	21.07		
1.4	16QAM	3	1	20.95	21.12	20.95		
1.4	16QAM	3	3	20.92	21.05	20.94		
1.4	16QAM	6	0	20.96	20.98	20.95	21.9	0
1.4	64QAM	1	0	20.98	21.08	20.90	21.9	0
1.4	64QAM	1	3	20.93	20.95	20.94		
1.4	64QAM	1	5	20.99	21.12	21.01		
1.4	64QAM	3	0	20.99	21.09	20.99		
1.4	64QAM	3	1	20.95	21.09	20.93		
1.4	64QAM	3	3	20.89	21.15	20.95		
1.4	64QAM	6	0	21.00	21.05	20.90	21.9	0
1.4	256QAM	1	0	18.60	18.53	18.48	19.4	2.5
1.4	256QAM	1	3	18.57	18.63	18.52		
1.4	256QAM	1	5	18.54	18.54	18.61		
1.4	256QAM	3	0	18.49	18.52	18.62		
1.4	256QAM	3	1	18.62	18.62	18.54		
1.4	256QAM	3	3	18.47	18.58	18.48		
1.4	256QAM	6	0	18.45	18.58	18.45	19.4	2.5

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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	19.00	19.05	19.02	20.3	0
20	QPSK	1	49	18.90	19.01	18.99		
20	QPSK	1	99	18.86	18.90	18.91		
20	QPSK	50	0	18.99	19.03	19.00	20.3	0
20	QPSK	50	24	18.98	19.01	18.96		
20	QPSK	50	50	18.85	18.96	18.99		
20	QPSK	100	0	18.96	19.00	18.97		
20	16QAM	1	0	18.86	19.01	18.96	20.3	0
20	16QAM	1	49	18.99	18.90	18.90		
20	16QAM	1	99	18.98	19.04	18.92		
20	16QAM	50	0	18.90	18.91	18.98	20.3	0
20	16QAM	50	24	18.91	18.92	18.94		
20	16QAM	50	50	18.98	19.02	18.94		
20	16QAM	100	0	18.96	18.91	18.93		
20	64QAM	1	0	18.94	18.98	18.97	20.3	0
20	64QAM	1	49	18.88	19.00	18.88		
20	64QAM	1	99	18.89	19.04	18.89		
20	64QAM	50	0	18.86	18.76	18.78	19.8	0.5
20	64QAM	50	24	18.85	18.73	18.65		
20	64QAM	50	50	18.77	18.71	18.56		
20	64QAM	100	0	18.86	18.69	18.56		
20	256QAM	1	0	15.60	15.62	15.51	16.8	3.5
20	256QAM	1	49	15.58	15.59	15.50		
20	256QAM	1	99	15.43	15.48	15.39		
20	256QAM	50	0	15.49	15.51	15.47	16.8	3.5
20	256QAM	50	24	15.52	15.55	15.53		
20	256QAM	50	50	15.39	15.48	15.45		
20	256QAM	100	0	15.50	15.59	15.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.92	18.90	18.93	20.3	0
15	QPSK	1	37	18.81	18.91	18.86		
15	QPSK	1	74	18.71	18.78	18.84		
15	QPSK	36	0	18.86	18.89	18.86	20.3	0
15	QPSK	36	20	18.84	18.98	18.89		
15	QPSK	36	39	18.84	18.83	18.90		
15	QPSK	75	0	18.87	18.90	18.86		
15	16QAM	1	0	18.71	18.94	18.81	20.3	0
15	16QAM	1	37	18.87	18.85	18.86		
15	16QAM	1	74	18.94	18.91	18.89		
15	16QAM	36	0	18.86	18.84	18.93	20.3	0
15	16QAM	36	20	18.79	18.82	18.84		
15	16QAM	36	39	18.86	18.93	18.91		
15	16QAM	75	0	18.87	18.86	18.87		
15	64QAM	1	0	18.82	18.92	18.84	20.3	0
15	64QAM	1	37	18.85	18.98	18.78		
15	64QAM	1	74	18.84	18.98	18.76		
15	64QAM	36	0	18.78	18.63	18.68	19.8	0.5
15	64QAM	36	20	18.71	18.70	18.55		
15	64QAM	36	39	18.63	18.66	18.47		
15	64QAM	75	0	18.80	18.67	18.48		
15	256QAM	1	0	15.45	15.56	15.50	16.8	3.5
15	256QAM	1	37	15.45	15.49	15.42		
15	256QAM	1	74	15.38	15.44	15.35		
15	256QAM	36	0	15.42	15.45	15.40	16.8	3.5
15	256QAM	36	20	15.44	15.53	15.42		
15	256QAM	36	39	15.26	15.36	15.42		
15	256QAM	75	0	15.42	15.47	15.43		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.93	18.97	18.91	20.3	0
10	QPSK	1	25	18.84	18.97	18.92		
10	QPSK	1	49	18.73	18.75	18.79		
10	QPSK	25	0	18.91	18.88	18.94	20.3	0
10	QPSK	25	12	18.93	18.95	18.95		
10	QPSK	25	25	18.74	18.82	18.95		
10	QPSK	50	0	18.83	18.98	18.95		
10	16QAM	1	0	18.80	18.91	18.90	20.3	0
10	16QAM	1	25	18.93	18.79	18.81		
10	16QAM	1	49	18.83	18.92	18.88		
10	16QAM	25	0	18.83	18.78	18.86	20.3	0
10	16QAM	25	12	18.90	18.89	18.80		
10	16QAM	25	25	18.85	19.01	18.86		
10	16QAM	50	0	18.88	18.79	18.83		
10	64QAM	1	0	18.86	18.96	18.85	20.3	0
10	64QAM	1	25	18.80	18.99	18.82		
10	64QAM	1	49	18.82	18.91	18.84		
10	64QAM	25	0	18.77	18.74	18.74	19.8	0.5
10	64QAM	25	12	18.84	18.66	18.63		
10	64QAM	25	25	18.70	18.62	18.48		
10	64QAM	50	0	18.83	18.62	18.44		
10	256QAM	1	0	15.59	15.49	15.39	16.8	3.5
10	256QAM	1	25	15.54	15.58	15.41		
10	256QAM	1	49	15.37	15.35	15.26		
10	256QAM	25	0	15.37	15.49	15.42	16.8	3.5
10	256QAM	25	12	15.43	15.43	15.51		
10	256QAM	25	25	15.32	15.39	15.41		
10	256QAM	50	0	15.41	15.51	15.42		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.93	18.93	18.94	20.3	0
5	QPSK	1	12	18.79	18.99	18.86		
5	QPSK	1	24	18.77	18.79	18.78		
5	QPSK	12	0	18.90	18.92	18.86	20.3	0
5	QPSK	12	7	18.83	18.96	18.92		
5	QPSK	12	13	18.80	18.85	18.88		
5	QPSK	25	0	18.94	18.86	18.89		
5	16QAM	1	0	18.76	18.95	18.86	20.3	0
5	16QAM	1	12	18.98	18.77	18.83		
5	16QAM	1	24	18.85	19.03	18.88		
5	16QAM	12	0	18.75	18.79	18.83	20.3	0
5	16QAM	12	7	18.78	18.87	18.84		
5	16QAM	12	13	18.84	18.90	18.91		
5	16QAM	25	0	18.93	18.86	18.80		
5	64QAM	1	0	18.83	18.93	18.82	20.3	0
5	64QAM	1	12	18.87	18.99	18.81		
5	64QAM	1	24	18.74	19.02	18.77		
5	64QAM	12	0	18.76	18.72	18.71	19.8	0.5
5	64QAM	12	7	18.76	18.62	18.62		
5	64QAM	12	13	18.65	18.64	18.45		
5	64QAM	25	0	18.80	18.54	18.42		
5	256QAM	1	0	15.52	15.50	15.40	16.8	3.5
5	256QAM	1	12	15.53	15.53	15.36		
5	256QAM	1	24	15.32	15.45	15.25		
5	256QAM	12	0	15.47	15.40	15.32	16.8	3.5
5	256QAM	12	7	15.41	15.52	15.44		
5	256QAM	12	13	15.26	15.36	15.40		
5	256QAM	25	0	15.44	15.48	15.42		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.87	19.00	19.00	20.3	0
3	QPSK	1	8	18.85	18.93	18.91		
3	QPSK	1	14	18.72	18.83	18.90		
3	QPSK	8	0	18.97	19.01	18.89	20.3	0
3	QPSK	8	4	18.90	18.95	18.86		
3	QPSK	8	7	18.74	18.84	18.91		
3	QPSK	15	0	18.95	18.99	18.96		
3	16QAM	1	0	18.75	18.97	18.95	20.3	0
3	16QAM	1	8	18.91	18.77	18.80		
3	16QAM	1	14	18.97	19.00	18.86		
3	16QAM	8	0	18.86	18.94	18.87	20.3	0
3	16QAM	8	4	18.85	18.78	18.85		
3	16QAM	8	7	18.97	18.90	18.92		
3	16QAM	15	0	18.83	18.89	18.85		
3	64QAM	1	0	18.93	18.97	18.87	20.3	0
3	64QAM	1	8	18.75	18.93	18.78		
3	64QAM	1	14	18.82	19.01	18.83		
3	64QAM	8	0	18.79	18.74	18.69	19.8	0.5
3	64QAM	8	4	18.77	18.62	18.62		
3	64QAM	8	7	18.73	18.58	18.42		
3	64QAM	15	0	18.83	18.66	18.48		
3	256QAM	1	0	15.49	15.55	15.43	16.8	3.5
3	256QAM	1	8	15.56	15.47	15.42		
3	256QAM	1	14	15.31	15.45	15.27		
3	256QAM	8	0	15.38	15.42	15.46	16.8	3.5
3	256QAM	8	4	15.40	15.45	15.38		
3	256QAM	8	7	15.36	15.35	15.37		
3	256QAM	15	0	15.45	15.58	15.55		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.99	18.97	18.89	20.3	0
1.4	QPSK	1	3	18.87	18.87	18.85		
1.4	QPSK	1	5	18.83	18.84	18.76		
1.4	QPSK	3	0	18.89	19.02	19.00		
1.4	QPSK	3	1	18.85	18.98	18.90		
1.4	QPSK	3	3	18.71	18.78	18.86		
1.4	QPSK	6	0	18.86	19.01	18.88	20.3	0
1.4	16QAM	1	0	18.97	18.86	18.91	20.3	0
1.4	16QAM	1	3	18.74	18.91	18.97		
1.4	16QAM	1	5	18.85	18.92	18.88		
1.4	16QAM	3	0	18.71	18.86	18.82		
1.4	16QAM	3	1	18.89	18.79	18.79		
1.4	16QAM	3	3	18.83	18.90	18.84		
1.4	16QAM	6	0	18.88	18.76	18.95	20.3	0
1.4	64QAM	1	0	18.84	18.78	18.93	20.3	0
1.4	64QAM	1	3	18.92	18.96	18.91		
1.4	64QAM	1	5	18.82	18.78	18.81		
1.4	64QAM	3	0	18.93	18.88	18.84		
1.4	64QAM	3	1	18.77	18.86	18.80		
1.4	64QAM	3	3	18.85	18.92	18.81		
1.4	64QAM	6	0	18.84	18.67	18.43	19.8	0.5
1.4	256QAM	1	0	15.58	15.59	15.47	16.8	3.5
1.4	256QAM	1	3	15.52	15.48	15.42		
1.4	256QAM	1	5	15.38	15.39	15.34		
1.4	256QAM	3	0	15.44	15.48	15.41		
1.4	256QAM	3	1	15.49	15.41	15.47		
1.4	256QAM	3	3	15.32	15.40	15.40		
1.4	256QAM	6	0	15.38	15.48	15.54	16.8	3.5

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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	20.82	20.90	20.85	21.5	0
20	QPSK	1	49	20.67	20.78	20.71		
20	QPSK	1	99	20.75	20.86	20.77		
20	QPSK	50	0	20.79	20.85	20.75	21.5	0
20	QPSK	50	24	20.71	20.83	20.70		
20	QPSK	50	50	20.67	20.80	20.70		
20	QPSK	100	0	20.70	20.79	20.73		
20	16QAM	1	0	20.80	20.88	20.81	21.5	0
20	16QAM	1	49	20.71	20.77	20.77		
20	16QAM	1	99	20.80	20.85	20.74		
20	16QAM	50	0	20.68	20.76	20.70	21.5	0
20	16QAM	50	24	20.69	20.77	20.70		
20	16QAM	50	50	20.70	20.82	20.84		
20	16QAM	100	0	20.76	20.78	20.78		
20	64QAM	1	0	20.68	20.84	20.73	21.5	0
20	64QAM	1	49	20.68	20.79	20.83		
20	64QAM	1	99	20.76	20.81	20.77		
20	64QAM	50	0	20.68	20.86	20.83	21.5	0
20	64QAM	50	24	20.80	20.88	20.70		
20	64QAM	50	50	20.80	20.82	20.82		
20	64QAM	100	0	20.79	20.82	20.81		
20	256QAM	1	0	18.91	19.02	18.95	20	1.5
20	256QAM	1	49	18.86	18.91	18.90		
20	256QAM	1	99	19.00	19.01	18.91		
20	256QAM	50	0	18.93	18.97	18.84	20	1.5
20	256QAM	50	24	18.83	18.89	18.81		
20	256QAM	50	50	18.96	18.99	18.88		
20	256QAM	100	0	18.90	18.96	18.94		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.70	20.80	20.71	21.5	0
15	QPSK	1	37	20.52	20.76	20.63		
15	QPSK	1	74	20.61	20.80	20.70		
15	QPSK	36	0	20.72	20.78	20.73	21.5	0
15	QPSK	36	20	20.61	20.68	20.66		
15	QPSK	36	39	20.53	20.78	20.69		
15	QPSK	75	0	20.58	20.73	20.68		
15	16QAM	1	0	20.76	20.76	20.71	21.5	0
15	16QAM	1	37	20.68	20.75	20.63		
15	16QAM	1	74	20.72	20.73	20.64		
15	16QAM	36	0	20.64	20.67	20.63	21.5	0
15	16QAM	36	20	20.64	20.64	20.61		
15	16QAM	36	39	20.63	20.69	20.79		
15	16QAM	75	0	20.64	20.63	20.73		
15	64QAM	1	0	20.53	20.82	20.58	21.5	0
15	64QAM	1	37	20.61	20.65	20.81		
15	64QAM	1	74	20.63	20.71	20.67		
15	64QAM	36	0	20.60	20.71	20.78	21.5	0
15	64QAM	36	20	20.74	20.77	20.63		
15	64QAM	36	39	20.73	20.73	20.78		
15	64QAM	75	0	20.65	20.68	20.76		
15	256QAM	1	0	18.85	18.91	18.86	20	1.5
15	256QAM	1	37	18.74	18.86	18.81		
15	256QAM	1	74	18.93	18.92	18.76		
15	256QAM	36	0	18.91	18.93	18.69	20	1.5
15	256QAM	36	20	18.68	18.86	18.72		
15	256QAM	36	39	18.82	18.84	18.87		
15	256QAM	75	0	18.89	18.89	18.88		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.79	20.88	20.80	21.5	0
10	QPSK	1	25	20.54	20.74	20.70		
10	QPSK	1	49	20.66	20.76	20.62		
10	QPSK	25	0	20.66	20.82	20.65	21.5	0
10	QPSK	25	12	20.66	20.75	20.59		
10	QPSK	25	25	20.58	20.70	20.60		
10	QPSK	50	0	20.67	20.78	20.62		
10	16QAM	1	0	20.71	20.78	20.76	21.5	0
10	16QAM	1	25	20.56	20.69	20.64		
10	16QAM	1	49	20.67	20.70	20.65		
10	16QAM	25	0	20.61	20.72	20.55	21.5	0
10	16QAM	25	12	20.66	20.70	20.58		
10	16QAM	25	25	20.56	20.69	20.82		
10	16QAM	50	0	20.61	20.71	20.73		
10	64QAM	1	0	20.53	20.69	20.59	21.5	0
10	64QAM	1	25	20.61	20.73	20.82		
10	64QAM	1	49	20.70	20.72	20.76		
10	64QAM	25	0	20.57	20.82	20.80	21.5	0
10	64QAM	25	12	20.75	20.83	20.59		
10	64QAM	25	25	20.68	20.81	20.70		
10	64QAM	50	0	20.76	20.81	20.74		
10	256QAM	1	0	18.85	19.01	18.84	20	1.5
10	256QAM	1	25	18.74	18.81	18.80		
10	256QAM	1	49	18.96	18.90	18.85		
10	256QAM	25	0	18.91	18.94	18.77	20	1.5
10	256QAM	25	12	18.68	18.79	18.79		
10	256QAM	25	25	18.87	18.91	18.75		
10	256QAM	50	0	18.75	18.81	18.82		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.75	20.83	20.79	21.5	0
5	QPSK	1	12	20.55	20.69	20.67		
5	QPSK	1	24	20.72	20.76	20.64		
5	QPSK	12	0	20.69	20.79	20.72	21.5	0
5	QPSK	12	7	20.65	20.69	20.58		
5	QPSK	12	13	20.58	20.65	20.57		
5	QPSK	25	0	20.56	20.71	20.67		
5	16QAM	1	0	20.69	20.77	20.73	21.5	0
5	16QAM	1	12	20.65	20.73	20.62		
5	16QAM	1	24	20.78	20.76	20.73		
5	16QAM	12	0	20.53	20.67	20.59	21.5	0
5	16QAM	12	7	20.61	20.76	20.69		
5	16QAM	12	13	20.56	20.73	20.72		
5	16QAM	25	0	20.61	20.63	20.73		
5	64QAM	1	0	20.67	20.70	20.71	21.5	0
5	64QAM	1	12	20.67	20.77	20.68		
5	64QAM	1	24	20.70	20.78	20.63		
5	64QAM	12	0	20.60	20.77	20.75	21.5	0
5	64QAM	12	7	20.69	20.74	20.56		
5	64QAM	12	13	20.75	20.78	20.72		
5	64QAM	25	0	20.77	20.81	20.68		
5	256QAM	1	0	18.79	18.98	18.92	20	1.5
5	256QAM	1	12	18.75	18.81	18.75		
5	256QAM	1	24	18.93	19.00	18.76		
5	256QAM	12	0	18.85	18.88	18.77	20	1.5
5	256QAM	12	7	18.79	18.87	18.79		
5	256QAM	12	13	18.81	18.92	18.73		
5	256QAM	25	0	18.87	18.93	18.89		

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BW [MHz]	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	19.82	19.90	19.88	20.4	0
20	QPSK	1	49	19.76	19.75	19.87		
20	QPSK	1	99	19.79	19.79	19.78		
20	QPSK	50	0	19.78	19.89	19.85	20.4	0
20	QPSK	50	24	19.68	19.87	19.77		
20	QPSK	50	50	19.74	19.85	19.83		
20	QPSK	100	0	19.73	19.84	19.80		
20	16QAM	1	0	19.79	19.84	19.76	20.4	0
20	16QAM	1	49	19.80	19.81	19.84		
20	16QAM	1	99	19.80	19.76	19.84		
20	16QAM	50	0	19.79	19.79	19.81	20.4	0
20	16QAM	50	24	19.67	19.89	19.73		
20	16QAM	50	50	19.76	19.81	19.75		
20	16QAM	100	0	19.79	19.75	19.84		
20	64QAM	1	0	19.75	19.76	19.86	20.4	0
20	64QAM	1	49	19.80	19.85	19.73		
20	64QAM	1	99	19.68	19.84	19.83		
20	64QAM	50	0	19.79	19.75	19.86	20.4	0
20	64QAM	50	24	19.75	19.84	19.80		
20	64QAM	50	50	19.69	19.79	19.85		
20	64QAM	100	0	19.70	19.76	19.77		
20	256QAM	1	0	18.35	18.50	18.37	19.4	1
20	256QAM	1	49	18.47	18.49	18.48		
20	256QAM	1	99	18.45	18.47	18.44		
20	256QAM	50	0	18.38	18.42	18.30	19.4	1
20	256QAM	50	24	18.30	18.41	18.31		
20	256QAM	50	50	18.44	18.47	18.35		
20	256QAM	100	0	18.34	18.43	18.42		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.75	19.86	19.73	20.4	0
15	QPSK	1	37	19.74	19.71	19.79		
15	QPSK	1	74	19.66	19.72	19.74		
15	QPSK	36	0	19.67	19.81	19.70	20.4	0
15	QPSK	36	20	19.65	19.74	19.73		
15	QPSK	36	39	19.69	19.79	19.68		
15	QPSK	75	0	19.61	19.82	19.73		
15	16QAM	1	0	19.64	19.71	19.73	20.4	0
15	16QAM	1	37	19.71	19.68	19.77		
15	16QAM	1	74	19.72	19.64	19.75		
15	16QAM	36	0	19.70	19.76	19.71	20.4	0
15	16QAM	36	20	19.58	19.85	19.68		
15	16QAM	36	39	19.72	19.73	19.60		
15	16QAM	75	0	19.77	19.65	19.72		
15	64QAM	1	0	19.68	19.69	19.77	20.4	0
15	64QAM	1	37	19.79	19.84	19.59		
15	64QAM	1	74	19.56	19.75	19.71		
15	64QAM	36	0	19.66	19.72	19.84	20.4	0
15	64QAM	36	20	19.60	19.69	19.66		
15	64QAM	36	39	19.68	19.70	19.77		
15	64QAM	75	0	19.62	19.64	19.69		
15	256QAM	1	0	18.24	18.49	18.32	19.4	1
15	256QAM	1	37	18.33	18.43	18.37		
15	256QAM	1	74	18.41	18.32	18.35		
15	256QAM	36	0	18.29	18.38	18.18	19.4	1
15	256QAM	36	20	18.29	18.31	18.23		
15	256QAM	36	39	18.34	18.46	18.33		
15	256QAM	75	0	18.27	18.39	18.34		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.70	19.76	19.82	20.4	0
10	QPSK	1	25	19.66	19.65	19.80		
10	QPSK	1	49	19.64	19.68	19.63		
10	QPSK	25	0	19.71	19.88	19.70	20.4	0
10	QPSK	25	12	19.57	19.75	19.63		
10	QPSK	25	25	19.71	19.78	19.69		
10	QPSK	50	0	19.59	19.80	19.73		
10	16QAM	1	0	19.65	19.83	19.66	20.4	0
10	16QAM	1	25	19.73	19.74	19.76		
10	16QAM	1	49	19.72	19.65	19.72		
10	16QAM	25	0	19.72	19.73	19.79	20.4	0
10	16QAM	25	12	19.61	19.86	19.62		
10	16QAM	25	25	19.66	19.71	19.71		
10	16QAM	50	0	19.76	19.62	19.77		
10	64QAM	1	0	19.70	19.72	19.83	20.4	0
10	64QAM	1	25	19.75	19.70	19.63		
10	64QAM	1	49	19.62	19.80	19.82		
10	64QAM	25	0	19.76	19.65	19.78	20.4	0
10	64QAM	25	12	19.63	19.75	19.65		
10	64QAM	25	25	19.65	19.71	19.84		
10	64QAM	50	0	19.63	19.62	19.66		
10	256QAM	1	0	18.20	18.48	18.28	19.4	1
10	256QAM	1	25	18.42	18.38	18.36		
10	256QAM	1	49	18.34	18.44	18.43		
10	256QAM	25	0	18.30	18.39	18.27	19.4	1
10	256QAM	25	12	18.28	18.33	18.20		
10	256QAM	25	25	18.42	18.33	18.22		
10	256QAM	50	0	18.24	18.31	18.35		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.75	19.79	19.87	20.4	0
5	QPSK	1	12	19.74	19.62	19.74		
5	QPSK	1	24	19.70	19.71	19.72		
5	QPSK	12	0	19.71	19.74	19.73	20.4	0
5	QPSK	12	7	19.60	19.80	19.73		
5	QPSK	12	13	19.69	19.78	19.79		
5	QPSK	25	0	19.58	19.79	19.78		
5	16QAM	1	0	19.67	19.83	19.66	20.4	0
5	16QAM	1	12	19.72	19.80	19.70		
5	16QAM	1	24	19.72	19.66	19.72		
5	16QAM	12	0	19.78	19.75	19.68	20.4	0
5	16QAM	12	7	19.66	19.80	19.67		
5	16QAM	12	13	19.63	19.72	19.73		
5	16QAM	25	0	19.76	19.65	19.72		
5	64QAM	1	0	19.67	19.75	19.85	20.4	0
5	64QAM	1	12	19.71	19.74	19.62		
5	64QAM	1	24	19.63	19.79	19.71		
5	64QAM	12	0	19.68	19.63	19.85	20.4	0
5	64QAM	12	7	19.74	19.81	19.79		
5	64QAM	12	13	19.67	19.68	19.71		
5	64QAM	25	0	19.55	19.65	19.73		
5	256QAM	1	0	18.29	18.37	18.35	19.4	1
5	256QAM	1	12	18.43	18.41	18.42		
5	256QAM	1	24	18.43	18.39	18.39		
5	256QAM	12	0	18.32	18.39	18.19	19.4	1
5	256QAM	12	7	18.25	18.26	18.18		
5	256QAM	12	13	18.33	18.41	18.26		
5	256QAM	25	0	18.28	18.35	18.32		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.92	20.00	19.85	20.4	0
20	QPSK	1	49	19.77	19.91	19.89		
20	QPSK	1	99	19.81	19.85	19.82		
20	QPSK	50	0	19.88	19.95	19.94	20.4	0
20	QPSK	50	24	19.85	19.92	19.93		
20	QPSK	50	50	19.77	19.91	19.86		
20	QPSK	100	0	19.86	19.93	19.92		
20	16QAM	1	0	19.86	19.97	19.84	20.4	0
20	16QAM	1	49	19.84	19.97	19.82		
20	16QAM	1	99	19.87	19.91	19.82		
20	16QAM	50	0	19.83	19.92	19.83	20.4	0
20	16QAM	50	24	19.83	19.95	19.84		
20	16QAM	50	50	19.80	19.86	19.84		
20	16QAM	100	0	19.78	19.88	19.91		
20	64QAM	1	0	19.78	19.86	19.83	20.4	0
20	64QAM	1	49	19.79	19.90	19.81		
20	64QAM	1	99	19.78	19.99	19.94		
20	64QAM	50	0	19.80	19.86	19.82	20.4	0
20	64QAM	50	24	19.80	19.94	19.86		
20	64QAM	50	50	19.81	19.96	19.91		
20	64QAM	100	0	19.90	19.98	19.93		
20	256QAM	1	0	18.50	18.51	18.51	19.4	1
20	256QAM	1	49	18.50	18.57	18.48		
20	256QAM	1	99	18.47	18.57	18.57		
20	256QAM	50	0	18.54	18.48	18.49	19.4	1
20	256QAM	50	24	18.52	18.56	18.56		
20	256QAM	50	50	18.44	18.57	18.44		
20	256QAM	100	0	18.53	18.53	18.57		
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	20.4	0
15	QPSK	1	37	19.65	19.90	19.74		
15	QPSK	1	74	19.69	19.72	19.74		
15	QPSK	36	0	19.83	19.89	19.80	20.4	0
15	QPSK	36	20	19.70	19.86	19.85		
15	QPSK	36	39	19.70	19.77	19.82		
15	QPSK	75	0	19.74	19.88	19.88		
15	16QAM	1	0	19.75	19.95	19.83	20.4	0
15	16QAM	1	37	19.70	19.83	19.79		
15	16QAM	1	74	19.73	19.84	19.78		
15	16QAM	36	0	19.71	19.82	19.71	20.4	0
15	16QAM	36	20	19.72	19.85	19.80		
15	16QAM	36	39	19.70	19.84	19.75		
15	16QAM	75	0	19.66	19.85	19.86		
15	64QAM	1	0	19.65	19.78	19.75	20.4	0
15	64QAM	1	37	19.68	19.78	19.68		
15	64QAM	1	74	19.72	19.84	19.82		
15	64QAM	36	0	19.75	19.74	19.71	20.4	0
15	64QAM	36	20	19.65	19.84	19.80		
15	64QAM	36	39	19.77	19.95	19.88		
15	64QAM	75	0	19.76	19.97	19.89		
15	256QAM	1	0	18.40	18.40	18.49	19.4	1
15	256QAM	1	37	18.41	18.52	18.35		
15	256QAM	1	74	18.45	18.56	18.55		
15	256QAM	36	0	18.48	18.44	18.36	19.4	1
15	256QAM	36	20	18.40	18.49	18.41		
15	256QAM	36	39	18.30	18.45	18.43		
15	256QAM	75	0	18.44	18.51	18.55		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.88	19.85	19.86	20.4	0
10	QPSK	1	25	19.72	19.79	19.88		
10	QPSK	1	49	19.78	19.80	19.74		
10	QPSK	25	0	19.79	19.92	19.85	20.4	0
10	QPSK	25	12	19.75	19.90	19.80		
10	QPSK	25	25	19.75	19.82	19.72		
10	QPSK	50	0	19.74	19.79	19.78		
10	16QAM	1	0	19.72	19.84	19.71	20.4	0
10	16QAM	1	25	19.73	19.95	19.77		
10	16QAM	1	49	19.80	19.87	19.81		
10	16QAM	25	0	19.77	19.80	19.73	20.4	0
10	16QAM	25	12	19.72	19.90	19.73		
10	16QAM	25	25	19.68	19.72	19.76		
10	16QAM	50	0	19.69	19.81	19.77		
10	64QAM	1	0	19.76	19.83	19.70	20.4	0
10	64QAM	1	25	19.67	19.84	19.77		
10	64QAM	1	49	19.63	19.88	19.80		
10	64QAM	25	0	19.66	19.75	19.73	20.4	0
10	64QAM	25	12	19.69	19.91	19.75		
10	64QAM	25	25	19.78	19.93	19.77		
10	64QAM	50	0	19.79	19.92	19.87		
10	256QAM	1	0	18.35	18.49	18.42	19.4	1
10	256QAM	1	25	18.35	18.56	18.33		
10	256QAM	1	49	18.43	18.42	18.46		
10	256QAM	25	0	18.43	18.46	18.46	19.4	1
10	256QAM	25	12	18.39	18.52	18.53		
10	256QAM	25	25	18.38	18.46	18.32		
10	256QAM	50	0	18.50	18.45	18.54		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.80	19.86	19.91	20.4	0
5	QPSK	1	12	19.71	19.82	19.79		
5	QPSK	1	24	19.77	19.77	19.69		
5	QPSK	12	0	19.75	19.90	19.80	20.4	0
5	QPSK	12	7	19.84	19.81	19.79		
5	QPSK	12	13	19.68	19.85	19.85		
5	QPSK	25	0	19.85	19.84	19.91		
5	16QAM	1	0	19.77	19.85	19.78	20.4	0
5	16QAM	1	12	19.80	19.85	19.69		
5	16QAM	1	24	19.72	19.81	19.67		
5	16QAM	12	0	19.74	19.84	19.81	20.4	0
5	16QAM	12	7	19.80	19.83	19.73		
5	16QAM	12	13	19.69	19.77	19.74		
5	16QAM	25	0	19.74	19.85	19.83		
5	64QAM	1	0	19.72	19.74	19.76	20.4	0
5	64QAM	1	12	19.76	19.81	19.79		
5	64QAM	1	24	19.75	19.85	19.79		
5	64QAM	12	0	19.69	19.72	19.75	20.4	0
5	64QAM	12	7	19.78	19.92	19.77		
5	64QAM	12	13	19.76	19.87	19.90		
5	64QAM	25	0	19.88	19.88	19.87		
5	256QAM	1	0	18.42	18.41	18.43	19.4	1
5	256QAM	1	12	18.39	18.52	18.37		
5	256QAM	1	24	18.46	18.53	18.50		
5	256QAM	12	0	18.39	18.39	18.35	19.4	1
5	256QAM	12	7	18.47	18.45	18.42		
5	256QAM	12	13	18.29	18.51	18.31		
5	256QAM	25	0	18.43	18.48	18.55		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.41	20.48	20.45	21	0
20	QPSK	1	49	20.32	20.26	20.31		
20	QPSK	1	99	20.39	20.44	20.42		
20	QPSK	50	0	19.95	20.00	19.97	20.5	0.5
20	QPSK	50	24	19.91	19.81	19.93		
20	QPSK	50	50	19.89	19.85	19.95		
20	QPSK	100	0	19.93	19.96	19.95		
20	16QAM	1	0	19.92	19.87	19.77	20.5	0.5
20	16QAM	1	49	20.01	19.89	20.03		
20	16QAM	1	99	20.02	20.03	20.00		
20	16QAM	50	0	19.39	19.28	19.48	20	1
20	16QAM	50	24	19.47	19.29	19.49		
20	16QAM	50	50	19.42	19.32	19.56		
20	16QAM	100	0	19.40	19.35	19.50		
20	64QAM	1	0	18.64	18.53	18.59	20	1
20	64QAM	1	49	18.66	18.71	18.78		
20	64QAM	1	99	18.70	18.65	18.73		
20	64QAM	50	0	18.42	18.39	18.46	19	2
20	64QAM	50	24	18.48	18.41	18.57		
20	64QAM	50	50	18.49	18.44	18.61		
20	64QAM	100	0	18.48	18.42	18.55		
20	256QAM	1	0	15.48	15.53	15.39	16	5
20	256QAM	1	49	15.46	15.44	15.42		
20	256QAM	1	99	15.43	15.49	15.52		
20	256QAM	50	0	15.46	15.39	15.43	16	5
20	256QAM	50	24	15.44	15.45	15.41		
20	256QAM	50	50	15.44	15.42	15.44		
20	256QAM	100	0	15.42	15.46	15.47		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.28	20.19	20.26	21	0
15	QPSK	1	37	20.36	20.39	20.44		
15	QPSK	1	74	20.25	20.38	20.28		
15	QPSK	36	0	19.82	19.91	19.90	20.5	0.5
15	QPSK	36	20	19.78	19.77	19.91		
15	QPSK	36	39	19.77	19.71	19.88		
15	QPSK	75	0	19.89	19.86	19.93		
15	16QAM	1	0	19.88	19.86	19.64	20.5	0.5
15	16QAM	1	37	19.92	19.74	19.99		
15	16QAM	1	74	19.93	19.94	19.94		
15	16QAM	36	0	19.37	19.21	19.41	20	1
15	16QAM	36	20	19.38	19.26	19.43		
15	16QAM	36	39	19.35	19.22	19.47		
15	16QAM	75	0	19.33	19.27	19.49		
15	64QAM	1	0	18.55	18.47	18.56	20	1
15	64QAM	1	37	18.56	18.57	18.75		
15	64QAM	1	74	18.59	18.63	18.67		
15	64QAM	36	0	18.35	18.24	18.34	19	2
15	64QAM	36	20	18.41	18.28	18.45		
15	64QAM	36	39	18.34	18.39	18.56		
15	64QAM	75	0	18.33	18.40	18.47		
15	256QAM	1	0	15.43	15.43	15.31	16	5
15	256QAM	1	37	15.34	15.36	15.38		
15	256QAM	1	74	15.28	15.38	15.39		
15	256QAM	36	0	15.35	15.37	15.41	16	5
15	256QAM	36	20	15.37	15.39	15.39		
15	256QAM	36	39	15.35	15.37	15.41		
15	256QAM	75	0	15.32	15.45	15.44		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.17	20.16	20.19	21	0
10	QPSK	1	25	20.31	20.33	20.36		
10	QPSK	1	49	20.32	20.38	20.38		
10	QPSK	25	0	19.87	19.97	19.84	20.5	0.5
10	QPSK	25	12	19.87	19.73	19.83		
10	QPSK	25	25	19.80	19.70	19.85		
10	QPSK	50	0	19.80	19.89	19.86		
10	16QAM	1	0	19.80	19.83	19.67	20.5	0.5
10	16QAM	1	25	19.86	19.76	19.88		
10	16QAM	1	49	19.89	19.88	19.93		
10	16QAM	25	0	19.32	19.14	19.40	20	1
10	16QAM	25	12	19.34	19.22	19.46		
10	16QAM	25	25	19.34	19.25	19.41		
10	16QAM	50	0	19.26	19.33	19.38		
10	64QAM	1	0	18.57	18.44	18.50	20	1
10	64QAM	1	25	18.61	18.69	18.70		
10	64QAM	1	49	18.62	18.59	18.58		
10	64QAM	25	0	18.27	18.34	18.41	19	2
10	64QAM	25	12	18.42	18.31	18.46		
10	64QAM	25	25	18.35	18.29	18.46		
10	64QAM	50	0	18.36	18.28	18.51		
10	256QAM	1	0	15.33	15.50	15.33	16	5
10	256QAM	1	25	15.39	15.31	15.33		
10	256QAM	1	49	15.31	15.37	15.48		
10	256QAM	25	0	15.42	15.34	15.30	16	5
10	256QAM	25	12	15.34	15.31	15.31		
10	256QAM	25	25	15.40	15.35	15.33		
10	256QAM	50	0	15.36	15.35	15.33		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.17	20.23	20.30	21	0
5	QPSK	1	12	20.40	20.38	20.42		
5	QPSK	1	24	20.37	20.39	20.37		
5	QPSK	12	0	19.89	19.87	19.88	20.5	0.5
5	QPSK	12	7	19.82	19.76	19.84		
5	QPSK	12	13	19.78	19.81	19.89		
5	QPSK	25	0	19.88	19.81	19.90		
5	16QAM	1	0	19.90	19.78	19.62	20.5	0.5
5	16QAM	1	12	19.96	19.76	19.98		
5	16QAM	1	24	19.98	19.93	19.95		
5	16QAM	12	0	19.37	19.24	19.34	20	1
5	16QAM	12	7	19.41	19.20	19.45		
5	16QAM	12	13	19.34	19.20	19.55		
5	16QAM	25	0	19.34	19.33	19.36		
5	64QAM	1	0	18.62	18.40	18.49	20	1
5	64QAM	1	12	18.52	18.56	18.75		
5	64QAM	1	24	18.60	18.59	18.60		
5	64QAM	12	0	18.39	18.35	18.37	19	2
5	64QAM	12	7	18.37	18.33	18.51		
5	64QAM	12	13	18.42	18.39	18.49		
5	64QAM	25	0	18.34	18.37	18.53		
5	256QAM	1	0	15.47	15.48	15.35	16	5
5	256QAM	1	12	15.44	15.42	15.28		
5	256QAM	1	24	15.35	15.35	15.41		
5	256QAM	12	0	15.35	15.34	15.29	16	5
5	256QAM	12	7	15.40	15.31	15.31		
5	256QAM	12	13	15.33	15.35	15.30		
5	256QAM	25	0	15.32	15.41	15.32		

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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	22.20	22.28	22.32	22.30	22.23	22.8	0
20	QPSK	1	49	22.06	22.14	22.06	22.23	22.15		
20	QPSK	1	99	22.14	22.25	22.30	22.29	22.18		
20	QPSK	50	0	21.75	21.80	21.85	21.80	21.78	22.3	0.5
20	QPSK	50	24	21.73	21.67	21.79	21.79	21.75		
20	QPSK	50	50	21.66	21.75	21.82	21.75	21.71		
20	QPSK	100	0	21.70	21.73	21.80	21.75	21.77		
20	16QAM	1	0	21.72	21.74	21.76	21.90	21.63	22.3	0.5
20	16QAM	1	49	21.75	21.66	21.86	21.92	21.81		
20	16QAM	1	99	21.77	21.74	21.96	21.87	21.74		
20	16QAM	50	0	21.11	21.24	21.19	21.38	21.23	21.8	1
20	16QAM	50	24	21.22	21.22	21.26	21.35	21.22		
20	16QAM	50	50	21.20	21.29	21.34	21.39	21.20		
20	16QAM	100	0	21.15	21.25	21.30	21.32	21.23		
20	64QAM	1	0	20.40	20.41	20.38	20.58	20.45	20.8	2
20	64QAM	1	49	20.48	20.53	20.54	20.64	20.43		
20	64QAM	1	99	20.45	20.52	20.63	20.48	20.44		
20	64QAM	50	0	20.16	20.19	20.27	20.30	20.18	20.8	2
20	64QAM	50	24	20.13	20.17	20.23	20.32	20.22		
20	64QAM	50	50	20.16	20.25	20.31	20.31	20.19		
20	64QAM	100	0	20.10	20.23	20.26	20.33	20.15		
20	256QAM	1	0	16.70	16.78	16.84	16.79	16.82	17.8	5
20	256QAM	1	49	16.72	16.75	16.79	16.65	16.71		
20	256QAM	1	99	16.65	16.68	16.73	16.71	16.61		
20	256QAM	50	0	16.75	16.69	16.79	16.72	16.64	17.8	5
20	256QAM	50	24	16.71	16.74	16.76	16.66	16.69		
20	256QAM	50	50	16.80	16.78	16.85	16.71	16.72		
20	256QAM	100	0	16.78	16.70	16.81	16.68	16.76		
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	22.03	22.12	22.03	22.18	22.09	22.8	0
15	QPSK	1	37	22.12	22.18	22.17	22.25	22.16		
15	QPSK	1	74	22.05	22.19	22.28	22.15	22.15		
15	QPSK	36	0	21.61	21.69	21.74	21.70	21.74	22.3	0.5
15	QPSK	36	20	21.72	21.59	21.68	21.70	21.60		
15	QPSK	36	39	21.65	21.66	21.73	21.73	21.67		
15	QPSK	75	0	21.65	21.69	21.74	21.61	21.76		
15	16QAM	1	0	21.69	21.60	21.62	21.88	21.58	22.3	0.5
15	16QAM	1	37	21.67	21.57	21.78	21.87	21.79		
15	16QAM	1	74	21.76	21.66	21.82	21.75	21.68		
15	16QAM	36	0	21.02	21.09	21.08	21.25	21.21	21.8	1
15	16QAM	36	20	21.08	21.17	21.21	21.32	21.18		
15	16QAM	36	39	21.14	21.22	21.22	21.37	21.10		
15	16QAM	75	0	21.02	21.10	21.18	21.26	21.18		
15	64QAM	1	0	20.31	20.30	20.31	20.50	20.30	20.8	2
15	64QAM	1	37	20.39	20.45	20.53	20.59	20.36		
15	64QAM	1	74	20.43	20.42	20.60	20.36	20.33		
15	64QAM	36	0	20.03	20.13	20.23	20.18	20.13	20.8	2
15	64QAM	36	20	20.03	20.08	20.16	20.19	20.11		
15	64QAM	36	39	20.04	20.23	20.25	20.20	20.15		
15	64QAM	75	0	20.04	20.10	20.17	20.23	20.01		
15	256QAM	1	0	16.63	16.69	16.70	16.73	16.78	17.8	5
15	256QAM	1	37	16.59	16.71	16.72	16.56	16.69		
15	256QAM	1	74	16.57	16.53	16.63	16.57	16.55		
15	256QAM	36	0	16.73	16.64	16.70	16.64	16.61	17.8	5
15	256QAM	36	20	16.64	16.65	16.68	16.58	16.64		
15	256QAM	36	39	16.69	16.63	16.75	16.57	16.66		
15	256QAM	75	0	16.69	16.68	16.74	16.65	16.68		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.00	22.08	21.91	22.13	22.09	22.8	0
10	QPSK	1	25	22.09	22.26	22.26	22.24	22.12		
10	QPSK	1	49	22.05	22.14	22.17	22.21	22.14		
10	QPSK	25	0	21.70	21.72	21.83	21.65	21.72	22.3	0.5
10	QPSK	25	12	21.59	21.55	21.73	21.67	21.66		
10	QPSK	25	25	21.54	21.69	21.80	21.73	21.61		
10	QPSK	50	0	21.60	21.63	21.79	21.70	21.76		
10	16QAM	1	0	21.71	21.73	21.62	21.87	21.56	22.3	0.5
10	16QAM	1	25	21.62	21.65	21.75	21.77	21.80		
10	16QAM	1	49	21.68	21.64	21.92	21.73	21.62		
10	16QAM	25	0	21.04	21.09	21.06	21.28	21.14	21.8	1
10	16QAM	25	12	21.19	21.13	21.24	21.29	21.15		
10	16QAM	25	25	21.07	21.14	21.22	21.35	21.14		
10	16QAM	50	0	21.10	21.18	21.29	21.25	21.11		
10	64QAM	1	0	20.27	20.32	20.30	20.53	20.36	20.8	2
10	64QAM	1	25	20.37	20.46	20.47	20.51	20.40		
10	64QAM	1	49	20.39	20.37	20.59	20.35	20.36		
10	64QAM	25	0	20.10	20.09	20.15	20.27	20.12	20.8	2
10	64QAM	25	12	20.09	20.14	20.21	20.30	20.14		
10	64QAM	25	25	20.04	20.19	20.23	20.24	20.17		
10	64QAM	50	0	19.95	20.09	20.11	20.30	20.02		
10	256QAM	1	0	16.57	16.67	16.79	16.73	16.73	17.8	5
10	256QAM	1	25	16.63	16.62	16.68	16.58	16.65		
10	256QAM	1	49	16.60	16.53	16.59	16.60	16.50		
10	256QAM	25	0	16.62	16.65	16.67	16.62	16.60	17.8	5
10	256QAM	25	12	16.56	16.68	16.62	16.56	16.65		
10	256QAM	25	25	16.78	16.77	16.75	16.66	16.58		
10	256QAM	50	0	16.72	16.64	16.78	16.62	16.67		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.01	22.05	21.91	22.08	22.10	22.8	0
5	QPSK	1	12	22.11	22.20	22.25	22.23	22.19		
5	QPSK	1	24	21.99	22.10	22.19	22.28	22.10		
5	QPSK	12	0	21.74	21.71	21.83	21.79	21.75	22.3	0.5
5	QPSK	12	7	21.62	21.62	21.69	21.68	21.60		
5	QPSK	12	13	21.62	21.72	21.71	21.65	21.68		
5	QPSK	25	0	21.55	21.63	21.72	21.61	21.64		
5	16QAM	1	0	21.58	21.69	21.64	21.78	21.60	22.3	0.5
5	16QAM	1	12	21.60	21.57	21.78	21.79	21.76		
5	16QAM	1	24	21.65	21.61	21.94	21.83	21.60		
5	16QAM	12	0	21.06	21.15	21.10	21.35	21.10	21.8	1
5	16QAM	12	7	21.15	21.21	21.11	21.20	21.16		
5	16QAM	12	13	21.06	21.22	21.21	21.35	21.18		
5	16QAM	25	0	21.09	21.11	21.16	21.30	21.08		
5	64QAM	1	0	20.29	20.30	20.36	20.51	20.40	20.8	2
5	64QAM	1	12	20.34	20.48	20.42	20.53	20.28		
5	64QAM	1	24	20.44	20.42	20.50	20.45	20.29		
5	64QAM	12	0	20.05	20.14	20.19	20.27	20.11	20.8	2
5	64QAM	12	7	19.99	20.10	20.08	20.20	20.20		
5	64QAM	12	13	20.02	20.24	20.24	20.27	20.14		
5	64QAM	25	0	19.99	20.20	20.21	20.30	20.05		
5	256QAM	1	0	16.67	16.63	16.75	16.69	16.80	17.8	5
5	256QAM	1	12	16.68	16.63	16.72	16.52	16.64		
5	256QAM	1	24	16.62	16.55	16.59	16.58	16.53		
5	256QAM	12	0	16.72	16.62	16.67	16.60	16.53	17.8	5
5	256QAM	12	7	16.70	16.64	16.73	16.60	16.64		
5	256QAM	12	13	16.73	16.74	16.77	16.60	16.69		
5	256QAM	25	0	16.65	16.68	16.78	16.58	16.64		

Band 41(HPUE)_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.38	23.40	23.45	23.39	23.35	24.3	0
20	QPSK	1	49	23.34	23.35	23.36	23.29	23.22		
20	QPSK	1	99	23.27	23.31	23.43	23.33	23.30		
20	QPSK	50	0	23.35	23.39	23.43	23.38	23.31	24.3	0
20	QPSK	50	24	23.33	23.31	23.42	23.27	23.29		
20	QPSK	50	50	23.27	23.26	23.40	23.26	23.22		
20	QPSK	100	0	23.33	23.35	23.37	23.32	23.26		
20	16QAM	1	0	23.25	23.35	23.34	23.38	23.32	24.3	0
20	16QAM	1	49	23.24	23.33	23.43	23.37	23.31		
20	16QAM	1	99	23.30	23.27	23.31	23.33	23.28		
20	16QAM	50	0	23.26	23.31	23.36	23.27	23.20	24.3	0
20	16QAM	50	24	23.24	23.30	23.35	23.26	23.31		
20	16QAM	50	50	23.36	23.26	23.32	23.29	23.32		
20	16QAM	100	0	23.25	23.35	23.33	23.32	23.28		
20	64QAM	1	0	23.26	23.27	23.34	23.25	23.30	24.3	0
20	64QAM	1	49	23.24	23.26	23.36	23.29	23.32		
20	64QAM	1	99	23.36	23.33	23.30	23.38	23.20		
20	64QAM	50	0	23.07	23.12	23.15	23.14	23.12	23.8	0.5
20	64QAM	50	24	23.08	22.96	23.09	23.04	23.06		
20	64QAM	50	50	22.98	23.08	23.10	22.95	22.95		
20	64QAM	100	0	22.94	22.89	23.01	22.87	22.91		
20	256QAM	1	0	19.87	19.91	20.00	19.95	19.96	20.8	3.5
20	256QAM	1	49	19.79	19.79	19.88	19.74	19.78		
20	256QAM	1	99	19.81	19.81	19.93	19.83	19.79		
20	256QAM	50	0	19.94	19.91	19.95	19.87	19.88	20.8	3.5
20	256QAM	50	24	19.83	19.82	19.90	19.83	19.80		
20	256QAM	50	50	19.80	19.81	19.88	19.87	19.81		
20	256QAM	100	0	19.85	19.92	19.95	19.93	19.91		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.28	23.26	23.34	23.26	23.30	24.3	0
15	QPSK	1	37	23.19	23.22	23.27	23.26	23.17		
15	QPSK	1	74	23.24	23.27	23.39	23.29	23.16		
15	QPSK	36	0	23.27	23.32	23.29	23.27	23.30	24.3	0
15	QPSK	36	20	23.19	23.24	23.40	23.12	23.28		
15	QPSK	36	39	23.15	23.13	23.27	23.25	23.08		
15	QPSK	75	0	23.29	23.34	23.26	23.24	23.22		
15	16QAM	1	0	23.19	23.21	23.30	23.27	23.17	24.3	0
15	16QAM	1	37	23.20	23.20	23.38	23.29	23.25		
15	16QAM	1	74	23.15	23.18	23.21	23.30	23.26		
15	16QAM	36	0	23.22	23.22	23.35	23.22	23.10	24.3	0
15	16QAM	36	20	23.17	23.25	23.23	23.12	23.16		
15	16QAM	36	39	23.29	23.23	23.30	23.17	23.24		
15	16QAM	75	0	23.21	23.27	23.30	23.22	23.24		
15	64QAM	1	0	23.25	23.23	23.30	23.15	23.16	24.3	0
15	64QAM	1	37	23.14	23.19	23.25	23.19	23.17		
15	64QAM	1	74	23.28	23.21	23.24	23.26	23.05		
15	64QAM	36	0	23.02	23.03	23.00	23.00	23.08	23.8	0.5
15	64QAM	36	20	23.02	22.94	22.95	22.99	22.97		
15	64QAM	36	39	22.92	23.06	23.02	22.82	22.84		
15	64QAM	75	0	22.79	22.77	22.86	22.73	22.86		
15	256QAM	1	0	19.80	19.80	19.85	19.85	19.95	20.8	3.5
15	256QAM	1	37	19.70	19.72	19.76	19.70	19.68		
15	256QAM	1	74	19.75	19.67	19.85	19.68	19.70		
15	256QAM	36	0	19.82	19.84	19.94	19.84	19.80	20.8	3.5
15	256QAM	36	20	19.68	19.71	19.76	19.79	19.73		
15	256QAM	36	39	19.66	19.66	19.87	19.79	19.72		
15	256QAM	75	0	19.70	19.85	19.88	19.79	19.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.25	23.25	23.39	23.29	23.25	24.3	0
10	QPSK	1	25	23.27	23.22	23.22	23.19	23.16		
10	QPSK	1	49	23.20	23.17	23.38	23.32	23.16		
10	QPSK	25	0	23.29	23.37	23.41	23.30	23.18	24.3	0
10	QPSK	25	12	23.24	23.25	23.41	23.23	23.21		
10	QPSK	25	25	23.18	23.11	23.30	23.15	23.18		
10	QPSK	50	0	23.25	23.28	23.26	23.23	23.24		
10	16QAM	1	0	23.14	23.32	23.26	23.29	23.28	24.3	0
10	16QAM	1	25	23.22	23.22	23.32	23.25	23.27		
10	16QAM	1	49	23.24	23.15	23.23	23.28	23.21		
10	16QAM	25	0	23.18	23.22	23.22	23.18	23.15	24.3	0
10	16QAM	25	12	23.16	23.26	23.21	23.23	23.28		
10	16QAM	25	25	23.22	23.21	23.26	23.25	23.17		
10	16QAM	50	0	23.13	23.21	23.25	23.30	23.13		
10	64QAM	1	0	23.25	23.16	23.31	23.13	23.20	24.3	0
10	64QAM	1	25	23.09	23.11	23.34	23.23	23.30		
10	64QAM	1	49	23.29	23.28	23.16	23.36	23.16		
10	64QAM	25	0	22.95	23.08	23.00	23.13	23.00	23.8	0.5
10	64QAM	25	12	23.07	22.86	23.07	22.89	22.91		
10	64QAM	25	25	22.95	22.95	23.06	22.85	22.91		
10	64QAM	50	0	22.81	22.77	22.95	22.80	22.90		
10	256QAM	1	0	19.82	19.78	19.96	19.93	19.92	20.8	3.5
10	256QAM	1	25	19.68	19.65	19.75	19.63	19.71		
10	256QAM	1	49	19.78	19.73	19.83	19.71	19.75		
10	256QAM	25	0	19.91	19.84	19.84	19.85	19.73	20.8	3.5
10	256QAM	25	12	19.74	19.69	19.88	19.71	19.69		
10	256QAM	25	25	19.79	19.80	19.75	19.84	19.79		
10	256QAM	50	0	19.78	19.79	19.91	19.92	19.89		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.25	23.32	23.38	23.34	23.34	24.3	0
5	QPSK	1	12	23.24	23.26	23.23	23.15	23.16		
5	QPSK	1	24	23.16	23.20	23.34	23.23	23.22		
5	QPSK	12	0	23.26	23.36	23.32	23.25	23.30	24.3	0
5	QPSK	12	7	23.22	23.26	23.27	23.15	23.26		
5	QPSK	12	13	23.24	23.23	23.30	23.25	23.15		
5	QPSK	25	0	23.18	23.26	23.24	23.31	23.15		
5	16QAM	1	0	23.21	23.28	23.33	23.29	23.21	24.3	0
5	16QAM	1	12	23.12	23.26	23.42	23.31	23.23		
5	16QAM	1	24	23.25	23.13	23.16	23.28	23.22		
5	16QAM	12	0	23.14	23.25	23.32	23.22	23.05	24.3	0
5	16QAM	12	7	23.09	23.21	23.22	23.22	23.22		
5	16QAM	12	13	23.34	23.23	23.21	23.27	23.23		
5	16QAM	25	0	23.17	23.21	23.25	23.26	23.23		
5	64QAM	1	0	23.18	23.17	23.31	23.20	23.25	24.3	0
5	64QAM	1	12	23.16	23.11	23.21	23.27	23.27		
5	64QAM	1	24	23.22	23.29	23.26	23.31	23.07		
5	64QAM	12	0	22.93	22.99	23.05	23.06	23.08	23.8	0.5
5	64QAM	12	7	22.93	22.91	23.03	23.03	23.05		
5	64QAM	12	13	22.84	22.95	22.98	22.94	22.80		
5	64QAM	25	0	22.83	22.75	22.97	22.76	22.81		
5	256QAM	1	0	19.79	19.86	19.93	19.94	19.88	20.8	3.5
5	256QAM	1	12	19.66	19.78	19.74	19.65	19.64		
5	256QAM	1	24	19.68	19.71	19.78	19.68	19.73		
5	256QAM	12	0	19.80	19.85	19.85	19.86	19.87	20.8	3.5
5	256QAM	12	7	19.73	19.76	19.87	19.78	19.72		
5	256QAM	12	13	19.77	19.69	19.87	19.85	19.78		
5	256QAM	25	0	19.74	19.90	19.84	19.80	19.90		

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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	20.53	20.48	20.55	20.52	20.50	21.3	0
20	QPSK	1	49	20.40	20.42	20.47	20.43	20.47		
20	QPSK	1	99	20.42	20.39	20.45	20.39	20.40		
20	QPSK	50	0	20.50	20.45	20.53	20.49	20.47	21.3	0
20	QPSK	50	24	20.46	20.42	20.52	20.39	20.36		
20	QPSK	50	50	20.44	20.38	20.45	20.37	20.42		
20	QPSK	100	0	20.47	20.41	20.50	20.49	20.45		
20	16QAM	1	0	20.49	20.46	20.50	20.51	20.38	21.3	0
20	16QAM	1	49	20.43	20.34	20.54	20.47	20.40		
20	16QAM	1	99	20.46	20.47	20.51	20.38	20.49		
20	16QAM	50	0	20.46	20.34	20.45	20.41	20.36	21.3	0
20	16QAM	50	24	20.38	20.36	20.47	20.50	20.39		
20	16QAM	50	50	20.50	20.41	20.45	20.40	20.45		
20	16QAM	100	0	20.45	20.42	20.49	20.41	20.40		
20	64QAM	1	0	19.77	19.96	19.95	20.10	20.02	20.3	1
20	64QAM	1	49	19.86	20.04	20.03	20.10	20.00		
20	64QAM	1	99	19.88	20.07	20.04	20.00	20.02		
20	64QAM	50	0	19.56	19.67	19.68	19.80	19.76	20.3	1
20	64QAM	50	24	19.64	19.73	19.73	19.85	19.78		
20	64QAM	50	50	19.67	19.78	19.78	19.82	19.77		
20	64QAM	100	0	19.57	19.73	19.73	19.80	19.71		
20	256QAM	1	0	16.37	16.40	16.48	16.37	16.45	17.3	4
20	256QAM	1	49	16.32	16.38	16.43	16.30	16.38		
20	256QAM	1	99	16.40	16.37	16.48	16.35	16.45		
20	256QAM	50	0	16.40	16.41	16.44	16.42	16.41	17.3	4
20	256QAM	50	24	16.35	16.37	16.46	16.37	16.35		
20	256QAM	50	50	16.45	16.39	16.50	16.45	16.48		
20	256QAM	100	0	16.50	16.46	16.51	16.48	16.48		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.44	20.45	20.48	20.50	20.42	21.3	0
15	QPSK	1	37	20.25	20.37	20.37	20.40	20.40		
15	QPSK	1	74	20.35	20.35	20.31	20.26	20.31		
15	QPSK	36	0	20.38	20.31	20.45	20.46	20.35	21.3	0
15	QPSK	36	20	20.40	20.33	20.48	20.34	20.22		
15	QPSK	36	39	20.29	20.34	20.36	20.24	20.35		
15	QPSK	75	0	20.40	20.40	20.38	20.38	20.41		
15	16QAM	1	0	20.42	20.32	20.44	20.45	20.23	21.3	0
15	16QAM	1	37	20.41	20.27	20.45	20.40	20.29		
15	16QAM	1	74	20.38	20.46	20.48	20.35	20.39		
15	16QAM	36	0	20.31	20.29	20.37	20.36	20.29	21.3	0
15	16QAM	36	20	20.30	20.28	20.37	20.44	20.29		
15	16QAM	36	39	20.43	20.26	20.39	20.31	20.36		
15	16QAM	75	0	20.39	20.37	20.47	20.26	20.36		
15	64QAM	1	0	19.73	19.90	19.86	20.05	19.97	20.3	1
15	64QAM	1	37	19.73	19.94	19.88	19.96	19.98		
15	64QAM	1	74	19.73	20.03	19.93	19.97	19.99		
15	64QAM	36	0	19.46	19.52	19.53	19.77	19.61	20.3	1
15	64QAM	36	20	19.50	19.59	19.71	19.74	19.73		
15	64QAM	36	39	19.59	19.77	19.66	19.68	19.73		
15	64QAM	75	0	19.51	19.61	19.60	19.68	19.68		
15	256QAM	1	0	16.27	16.39	16.46	16.26	16.43	17.3	4
15	256QAM	1	37	16.18	16.28	16.31	16.25	16.28		
15	256QAM	1	74	16.26	16.26	16.42	16.27	16.34		
15	256QAM	36	0	16.36	16.38	16.37	16.41	16.38	17.3	4
15	256QAM	36	20	16.28	16.24	16.44	16.30	16.24		
15	256QAM	36	39	16.34	16.34	16.35	16.38	16.34		
15	256QAM	75	0	16.36	16.43	16.40	16.43	16.33		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.48	20.33	20.54	20.47	20.46	21.3	0
10	QPSK	1	25	20.35	20.31	20.33	20.42	20.45		
10	QPSK	1	49	20.30	20.32	20.43	20.28	20.37		
10	QPSK	25	0	20.38	20.42	20.49	20.45	20.41	21.3	0
10	QPSK	25	12	20.32	20.40	20.39	20.34	20.33		
10	QPSK	25	25	20.35	20.35	20.37	20.27	20.30		
10	QPSK	50	0	20.33	20.36	20.36	20.39	20.42		
10	16QAM	1	0	20.41	20.45	20.45	20.49	20.36	21.3	0
10	16QAM	1	25	20.36	20.22	20.45	20.46	20.25		
10	16QAM	1	49	20.32	20.40	20.43	20.32	20.34		
10	16QAM	25	0	20.33	20.20	20.40	20.27	20.26	21.3	0
10	16QAM	25	12	20.32	20.24	20.45	20.36	20.38		
10	16QAM	25	25	20.46	20.34	20.39	20.32	20.44		
10	16QAM	50	0	20.37	20.32	20.43	20.38	20.30		
10	64QAM	1	0	19.74	19.81	19.85	20.08	19.98	20.3	1
10	64QAM	1	25	19.79	19.90	19.91	20.00	19.86		
10	64QAM	1	49	19.84	19.94	19.98	19.98	19.89		
10	64QAM	25	0	19.47	19.59	19.55	19.79	19.67	20.3	1
10	64QAM	25	12	19.52	19.69	19.66	19.84	19.72		
10	64QAM	25	25	19.66	19.76	19.65	19.74	19.65		
10	64QAM	50	0	19.42	19.61	19.67	19.69	19.68		
10	256QAM	1	0	16.34	16.38	16.37	16.27	16.41	17.3	4
10	256QAM	1	25	16.19	16.29	16.32	16.26	16.26		
10	256QAM	1	49	16.39	16.32	16.35	16.31	16.44		
10	256QAM	25	0	16.36	16.37	16.42	16.39	16.36	17.3	4
10	256QAM	25	12	16.27	16.29	16.33	16.31	16.33		
10	256QAM	25	25	16.31	16.36	16.47	16.35	16.47		
10	256QAM	50	0	16.40	16.43	16.50	16.46	16.45		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.41	20.43	20.42	20.51	20.43	21.3	0
5	QPSK	1	12	20.27	20.40	20.36	20.28	20.34		
5	QPSK	1	24	20.28	20.28	20.30	20.33	20.30		
5	QPSK	12	0	20.37	20.41	20.43	20.47	20.38	21.3	0
5	QPSK	12	7	20.31	20.37	20.44	20.25	20.27		
5	QPSK	12	13	20.43	20.23	20.36	20.32	20.27		
5	QPSK	25	0	20.44	20.35	20.37	20.44	20.35		
5	16QAM	1	0	20.41	20.40	20.45	20.37	20.27	21.3	0
5	16QAM	1	12	20.39	20.22	20.50	20.37	20.39		
5	16QAM	1	24	20.36	20.43	20.40	20.33	20.34		
5	16QAM	12	0	20.40	20.30	20.35	20.30	20.33	21.3	0
5	16QAM	12	7	20.37	20.24	20.44	20.35	20.30		
5	16QAM	12	13	20.40	20.28	20.42	20.35	20.44		
5	16QAM	25	0	20.33	20.41	20.44	20.28	20.34		
5	64QAM	1	0	19.74	19.83	19.86	19.96	19.93	20.3	1
5	64QAM	1	12	19.80	19.98	19.95	20.02	19.98		
5	64QAM	1	24	19.79	20.06	20.01	19.86	19.91		
5	64QAM	12	0	19.47	19.55	19.59	19.66	19.61	20.3	1
5	64QAM	12	7	19.62	19.58	19.61	19.78	19.77		
5	64QAM	12	13	19.53	19.75	19.73	19.69	19.63		
5	64QAM	25	0	19.45	19.65	19.72	19.70	19.65		
5	256QAM	1	0	16.35	16.38	16.35	16.27	16.35	17.3	4
5	256QAM	1	12	16.26	16.35	16.36	16.28	16.30		
5	256QAM	1	24	16.26	16.34	16.47	16.26	16.40		
5	256QAM	12	0	16.30	16.31	16.37	16.30	16.34	17.3	4
5	256QAM	12	7	16.33	16.32	16.33	16.30	16.32		
5	256QAM	12	13	16.33	16.26	16.47	16.38	16.42		
5	256QAM	25	0	16.35	16.45	16.36	16.38	16.33		

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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	21.38	21.40	21.48	21.35	21.42	22.3	0
20	QPSK	1	49	21.34	21.33	21.35	21.26	21.35		
20	QPSK	1	99	21.26	21.36	21.47	21.22	21.27		
20	QPSK	50	0	21.31	21.37	21.45	21.31	21.41	22.3	0
20	QPSK	50	24	21.30	21.31	21.40	21.24	21.40		
20	QPSK	50	50	21.25	21.28	21.37	21.28	21.33		
20	QPSK	100	0	21.29	21.31	21.40	21.24	21.30		
20	16QAM	1	0	21.27	21.31	21.44	21.20	21.39	22.3	0
20	16QAM	1	49	21.27	21.25	21.39	21.34	21.27		
20	16QAM	1	99	21.25	21.32	21.39	21.33	21.39		
20	16QAM	50	0	21.27	21.33	21.40	21.23	21.28	22.3	0
20	16QAM	50	24	21.27	21.34	21.35	21.22	21.32		
20	16QAM	50	50	21.25	21.38	21.40	21.27	21.29		
20	16QAM	100	0	21.31	21.27	21.35	21.23	21.29		
20	64QAM	1	0	21.30	21.32	21.33	21.30	21.37	22.3	0
20	64QAM	1	49	21.33	21.29	21.43	21.25	21.27		
20	64QAM	1	99	21.34	21.37	21.36	21.27	21.38		
20	64QAM	50	0	21.34	21.27	21.40	21.23	21.35	22.3	0
20	64QAM	50	24	21.36	21.39	21.43	21.26	21.40		
20	64QAM	50	50	21.36	21.38	21.43	21.21	21.38		
20	64QAM	100	0	21.35	21.39	21.37	21.24	21.40		
20	256QAM	1	0	19.47	19.52	19.60	19.50	19.49	20.3	2
20	256QAM	1	49	19.47	19.47	19.54	19.46	19.39		
20	256QAM	1	99	19.52	19.50	19.57	19.55	19.54		
20	256QAM	50	0	19.48	19.37	19.51	19.45	19.36	20.3	2
20	256QAM	50	24	19.39	19.32	19.45	19.40	19.30		
20	256QAM	50	50	19.45	19.40	19.48	19.35	19.39		
20	256QAM	100	0	19.41	19.36	19.45	19.31	19.31		
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	21.25	21.27	21.39	21.26	21.38	22.3	0
15	QPSK	1	37	21.19	21.22	21.21	21.11	21.23		
15	QPSK	1	74	21.11	21.29	21.44	21.11	21.17		
15	QPSK	36	0	21.22	21.36	21.38	21.24	21.34	22.3	0
15	QPSK	36	20	21.21	21.22	21.32	21.19	21.39		
15	QPSK	36	39	21.18	21.24	21.30	21.19	21.31		
15	QPSK	75	0	21.23	21.30	21.26	21.09	21.23		
15	16QAM	1	0	21.21	21.27	21.39	21.14	21.37	22.3	0
15	16QAM	1	37	21.25	21.22	21.25	21.31	21.13		
15	16QAM	1	74	21.19	21.31	21.37	21.20	21.31		
15	16QAM	36	0	21.12	21.20	21.28	21.12	21.21	22.3	0
15	16QAM	36	20	21.17	21.25	21.31	21.16	21.25		
15	16QAM	36	39	21.15	21.26	21.33	21.20	21.28		
15	16QAM	75	0	21.18	21.23	21.30	21.16	21.18		
15	64QAM	1	0	21.29	21.30	21.32	21.20	21.25	22.3	0
15	64QAM	1	37	21.25	21.20	21.31	21.14	21.25		
15	64QAM	1	74	21.33	21.28	21.32	21.23	21.31		
15	64QAM	36	0	21.22	21.19	21.34	21.17	21.23	22.3	0
15	64QAM	36	20	21.28	21.35	21.36	21.14	21.33		
15	64QAM	36	39	21.26	21.25	21.36	21.15	21.33		
15	64QAM	75	0	21.31	21.26	21.26	21.20	21.33		
15	256QAM	1	0	19.34	19.51	19.53	19.49	19.35	20.3	2
15	256QAM	1	37	19.33	19.36	19.48	19.33	19.28		
15	256QAM	1	74	19.49	19.49	19.45	19.42	19.40		
15	256QAM	36	0	19.45	19.22	19.44	19.35	19.24	20.3	2
15	256QAM	36	20	19.26	19.19	19.36	19.28	19.24		
15	256QAM	36	39	19.44	19.34	19.40	19.25	19.31		
15	256QAM	75	0	19.29	19.26	19.36	19.29	19.17		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.33	21.32	21.47	21.20	21.27	22.3	0
10	QPSK	1	25	21.26	21.18	21.33	21.15	21.24		
10	QPSK	1	49	21.16	21.28	21.44	21.07	21.26		
10	QPSK	25	0	21.16	21.35	21.31	21.25	21.35	22.3	0
10	QPSK	25	12	21.24	21.19	21.27	21.09	21.27		
10	QPSK	25	25	21.16	21.27	21.23	21.18	21.25		
10	QPSK	50	0	21.17	21.29	21.26	21.21	21.16		
10	16QAM	1	0	21.19	21.18	21.33	21.05	21.26	22.3	0
10	16QAM	1	25	21.17	21.16	21.28	21.25	21.22		
10	16QAM	1	49	21.10	21.31	21.35	21.19	21.30		
10	16QAM	25	0	21.16	21.31	21.27	21.21	21.24	22.3	0
10	16QAM	25	12	21.15	21.28	21.31	21.09	21.23		
10	16QAM	25	25	21.12	21.37	21.27	21.20	21.16		
10	16QAM	50	0	21.17	21.13	21.34	21.14	21.25		
10	64QAM	1	0	21.15	21.26	21.21	21.16	21.34	22.3	0
10	64QAM	1	25	21.26	21.27	21.38	21.13	21.18		
10	64QAM	1	49	21.22	21.23	21.26	21.20	21.25		
10	64QAM	25	0	21.22	21.23	21.32	21.09	21.27	22.3	0
10	64QAM	25	12	21.21	21.31	21.42	21.15	21.36		
10	64QAM	25	25	21.25	21.24	21.36	21.06	21.28		
10	64QAM	50	0	21.25	21.28	21.33	21.13	21.39		
10	256QAM	1	0	19.46	19.43	19.59	19.35	19.47	20.3	2
10	256QAM	1	25	19.42	19.32	19.41	19.36	19.25		
10	256QAM	1	49	19.38	19.41	19.44	19.47	19.42		
10	256QAM	25	0	19.36	19.30	19.48	19.34	19.22	20.3	2
10	256QAM	25	12	19.24	19.25	19.43	19.29	19.23		
10	256QAM	25	25	19.39	19.31	19.47	19.34	19.34		
10	256QAM	50	0	19.30	19.34	19.42	19.20	19.26		
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	21.23	21.39	21.36	21.33	21.39	22.3	0
5	QPSK	1	12	21.27	21.28	21.23	21.19	21.25		
5	QPSK	1	24	21.21	21.25	21.45	21.08	21.21		
5	QPSK	12	0	21.22	21.26	21.44	21.23	21.33	22.3	0
5	QPSK	12	7	21.29	21.26	21.39	21.19	21.32		
5	QPSK	12	13	21.11	21.16	21.36	21.22	21.19		
5	QPSK	25	0	21.15	21.21	21.39	21.13	21.26		
5	16QAM	1	0	21.15	21.29	21.29	21.10	21.33	22.3	0
5	16QAM	1	12	21.25	21.11	21.25	21.27	21.15		
5	16QAM	1	24	21.10	21.24	21.35	21.32	21.30		
5	16QAM	12	0	21.25	21.18	21.27	21.20	21.20	22.3	0
5	16QAM	12	7	21.13	21.24	21.22	21.14	21.25		
5	16QAM	12	13	21.15	21.28	21.27	21.25	21.21		
5	16QAM	25	0	21.22	21.23	21.23	21.21	21.20		
5	64QAM	1	0	21.19	21.18	21.22	21.19	21.35	22.3	0
5	64QAM	1	12	21.21	21.28	21.37	21.22	21.21		
5	64QAM	1	24	21.33	21.28	21.35	21.19	21.29		
5	64QAM	12	0	21.29	21.17	21.28	21.08	21.28	22.3	0
5	64QAM	12	7	21.25	21.37	21.29	21.15	21.29		
5	64QAM	12	13	21.32	21.27	21.30	21.16	21.37		
5	64QAM	25	0	21.27	21.38	21.24	21.10	21.30		
5	256QAM	1	0	19.44	19.40	19.47	19.45	19.34	20.3	2
5	256QAM	1	12	19.45	19.41	19.50	19.44	19.34		
5	256QAM	1	24	19.40	19.43	19.53	19.46	19.43		
5	256QAM	12	0	19.44	19.28	19.44	19.35	19.24	20.3	2
5	256QAM	12	7	19.25	19.23	19.35	19.39	19.24		
5	256QAM	12	13	19.41	19.35	19.41	19.21	19.24		
5	256QAM	25	0	19.31	19.24	19.40	19.30	19.16		

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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	20.18	20.14	20.20	20.16	20.12	20.7	0
20	QPSK	1	49	20.07	20.01	20.07	20.15	20.04		
20	QPSK	1	99	20.08	20.13	20.05	20.09	20.08		
20	QPSK	50	0	20.15	20.12	20.19	20.15	20.10	20.7	0
20	QPSK	50	24	20.10	20.10	20.05	20.02	20.07		
20	QPSK	50	50	20.14	20.00	20.18	20.13	20.07		
20	QPSK	100	0	20.14	20.00	20.15	20.14	20.04		
20	16QAM	1	0	20.17	20.03	20.16	20.14	20.04	20.7	0
20	16QAM	1	49	20.14	20.06	20.10	20.06	20.04		
20	16QAM	1	99	20.05	20.01	20.07	20.13	20.04		
20	16QAM	50	0	20.16	20.09	20.05	20.07	19.99	20.7	0
20	16QAM	50	24	20.06	19.99	20.16	20.06	20.05		
20	16QAM	50	50	20.16	20.08	20.11	20.01	19.99		
20	16QAM	100	0	20.05	20.08	20.05	20.15	20.11		
20	64QAM	1	0	19.96	19.88	20.03	20.05	19.95	20.7	0
20	64QAM	1	49	20.01	20.00	20.00	20.07	19.94		
20	64QAM	1	99	20.11	20.03	20.09	20.06	20.07		
20	64QAM	50	0	19.68	19.84	19.86	20.01	19.83	20.2	0.5
20	64QAM	50	24	19.84	19.89	19.89	20.01	19.86		
20	64QAM	50	50	19.90	19.94	19.96	19.97	19.83		
20	64QAM	100	0	19.80	19.93	19.93	19.98	19.82		
20	256QAM	1	0	16.53	16.47	16.56	16.47	16.54	17.2	3.5
20	256QAM	1	49	16.53	16.43	16.56	16.49	16.52		
20	256QAM	1	99	16.52	16.48	16.54	16.46	16.52		
20	256QAM	50	0	16.41	16.33	16.48	16.33	16.36	17.2	3.5
20	256QAM	50	24	16.40	16.41	16.48	16.33	16.46		
20	256QAM	50	50	16.37	16.40	16.48	16.45	16.45		
20	256QAM	100	0	16.52	16.47	16.59	16.58	16.58		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.09	20.12	20.10	20.07	20.05	20.7	0
15	QPSK	1	37	19.93	19.91	19.92	20.13	19.91		
15	QPSK	1	74	20.01	20.00	19.93	20.06	20.02		
15	QPSK	36	0	20.14	20.10	20.13	20.02	20.08	20.7	0
15	QPSK	36	20	20.02	20.05	19.91	19.92	19.95		
15	QPSK	36	39	20.03	19.93	20.09	20.11	19.93		
15	QPSK	75	0	20.09	19.88	20.07	20.09	19.93		
15	16QAM	1	0	20.16	19.97	20.09	20.11	19.93	20.7	0
15	16QAM	1	37	20.12	19.97	20.01	20.04	19.90		
15	16QAM	1	74	20.02	19.97	19.97	20.07	20.03		
15	16QAM	36	0	20.11	19.97	19.91	19.94	19.84	20.7	0
15	16QAM	36	20	20.01	19.97	20.13	19.92	20.03		
15	16QAM	36	39	20.10	20.05	19.98	19.93	19.95		
15	16QAM	75	0	19.93	19.93	20.02	20.12	20.06		
15	64QAM	1	0	19.90	19.79	20.00	19.97	19.92	20.7	0
15	64QAM	1	37	19.93	19.86	19.98	19.92	19.83		
15	64QAM	1	74	20.00	19.88	20.07	20.01	19.93		
15	64QAM	36	0	19.67	19.77	19.77	19.92	19.77	20.2	0.5
15	64QAM	36	20	19.74	19.87	19.83	19.89	19.85		
15	64QAM	36	39	19.82	19.89	19.91	19.93	19.82		
15	64QAM	75	0	19.69	19.88	19.83	19.97	19.69		
15	256QAM	1	0	16.42	16.37	16.49	16.44	16.52	17.2	3.5
15	256QAM	1	37	16.46	16.34	16.43	16.37	16.43		
15	256QAM	1	74	16.41	16.36	16.41	16.33	16.48		
15	256QAM	36	0	16.37	16.23	16.36	16.27	16.21	17.2	3.5
15	256QAM	36	20	16.30	16.29	16.34	16.30	16.35		
15	256QAM	36	39	16.36	16.35	16.34	16.44	16.34		
15	256QAM	75	0	16.51	16.46	16.57	16.50	16.54		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.06	20.02	20.07	20.14	20.04	20.7	0
10	QPSK	1	25	19.96	19.86	20.03	20.12	19.96		
10	QPSK	1	49	19.93	19.98	19.91	19.97	19.97		
10	QPSK	25	0	20.04	19.97	20.13	20.02	20.01	20.7	0
10	QPSK	25	12	20.09	20.09	20.03	19.93	20.06		
10	QPSK	25	25	20.02	19.90	20.08	20.05	19.98		
10	QPSK	50	0	20.09	19.85	20.07	20.06	19.97		
10	16QAM	1	0	20.15	19.99	20.04	20.10	19.94	20.7	0
10	16QAM	1	25	20.11	20.00	20.05	20.04	19.93		
10	16QAM	1	49	19.93	19.96	20.06	20.04	20.01		
10	16QAM	25	0	20.03	20.08	19.96	19.98	19.95	20.7	0
10	16QAM	25	12	19.91	19.92	20.06	19.97	19.94		
10	16QAM	25	25	20.15	20.06	19.98	19.97	19.85		
10	16QAM	50	0	20.01	20.01	19.98	20.11	19.98		
10	64QAM	1	0	19.88	19.74	19.96	19.96	19.87	20.7	0
10	64QAM	1	25	19.99	19.87	19.94	20.05	19.87		
10	64QAM	1	49	20.01	19.91	20.00	19.92	19.97		
10	64QAM	25	0	19.67	19.73	19.82	20.00	19.75	20.2	0.5
10	64QAM	25	12	19.70	19.82	19.84	19.95	19.76		
10	64QAM	25	25	19.77	19.84	19.87	19.95	19.82		
10	64QAM	50	0	19.70	19.92	19.85	19.89	19.69		
10	256QAM	1	0	16.51	16.32	16.51	16.41	16.43	17.2	3.5
10	256QAM	1	25	16.44	16.36	16.42	16.35	16.47		
10	256QAM	1	49	16.45	16.38	16.49	16.39	16.41		
10	256QAM	25	0	16.28	16.30	16.38	16.31	16.32	17.2	3.5
10	256QAM	25	12	16.26	16.27	16.34	16.27	16.35		
10	256QAM	25	25	16.31	16.30	16.33	16.42	16.38		
10	256QAM	50	0	16.49	16.42	16.55	16.53	16.51		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.11	19.99	20.11	20.04	20.08	20.7	0
5	QPSK	1	12	20.02	19.90	19.92	20.14	19.90		
5	QPSK	1	24	19.94	20.07	19.95	20.02	19.97		
5	QPSK	12	0	20.02	20.02	20.09	20.10	20.04	20.7	0
5	QPSK	12	7	19.99	20.00	19.99	19.87	20.00		
5	QPSK	12	13	20.01	19.97	20.07	20.06	20.05		
5	QPSK	25	0	20.00	19.96	20.05	20.04	19.96		
5	16QAM	1	0	20.10	19.92	20.04	20.00	19.93	20.7	0
5	16QAM	1	12	20.08	20.05	19.99	20.05	19.95		
5	16QAM	1	24	19.98	19.98	19.97	20.06	19.94		
5	16QAM	12	0	20.03	19.99	20.03	20.02	19.88	20.7	0
5	16QAM	12	7	19.94	19.88	20.04	20.01	20.03		
5	16QAM	12	13	20.12	20.03	19.99	19.93	19.96		
5	16QAM	25	0	20.03	19.94	19.91	20.00	20.06		
5	64QAM	1	0	19.86	19.85	19.94	20.01	19.93	20.7	0
5	64QAM	1	12	20.00	19.91	19.97	19.94	19.80		
5	64QAM	1	24	20.07	19.89	19.95	19.99	20.00		
5	64QAM	12	0	19.61	19.70	19.84	19.88	19.78	20.2	0.5
5	64QAM	12	7	19.71	19.80	19.75	19.94	19.71		
5	64QAM	12	13	19.76	19.80	19.90	19.94	19.79		
5	64QAM	25	0	19.74	19.78	19.85	19.86	19.73		
5	256QAM	1	0	16.45	16.36	16.48	16.39	16.47	17.2	3.5
5	256QAM	1	12	16.43	16.39	16.55	16.47	16.51		
5	256QAM	1	24	16.50	16.36	16.41	16.43	16.37		
5	256QAM	12	0	16.34	16.18	16.45	16.25	16.23	17.2	3.5
5	256QAM	12	7	16.34	16.26	16.45	16.20	16.34		
5	256QAM	12	13	16.22	16.31	16.39	16.42	16.30		
5	256QAM	25	0	16.48	16.45	16.55	16.52	16.49		

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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	20.95	20.96	21.00	20.92	20.97	21.7	0
20	QPSK	1	49	20.81	20.82	20.95	20.89	20.87		
20	QPSK	1	99	20.80	20.86	20.88	20.88	20.91		
20	QPSK	50	0	20.92	20.95	20.98	20.87	20.95	21.7	0
20	QPSK	50	24	20.84	20.93	20.95	20.86	20.82		
20	QPSK	50	50	20.90	20.81	20.87	20.85	20.90		
20	QPSK	100	0	20.83	20.87	20.92	20.81	20.88		
20	16QAM	1	0	20.92	20.95	20.87	20.89	20.93	21.7	0
20	16QAM	1	49	20.90	20.92	20.85	20.84	20.95		
20	16QAM	1	99	20.87	20.84	20.89	20.77	20.88		
20	16QAM	50	0	20.93	20.95	20.99	20.90	20.90	21.7	0
20	16QAM	50	24	20.90	20.86	20.89	20.82	20.92		
20	16QAM	50	50	20.81	20.91	20.90	20.81	20.95		
20	16QAM	100	0	20.90	20.94	20.98	20.86	20.86		
20	64QAM	1	0	20.87	20.86	20.91	20.89	20.96	21.7	0
20	64QAM	1	49	20.94	20.91	20.90	20.82	20.85		
20	64QAM	1	99	20.85	20.87	20.89	20.88	20.95		
20	64QAM	50	0	20.86	20.90	20.96	20.86	20.83	21.7	0
20	64QAM	50	24	20.94	20.86	20.86	20.78	20.86		
20	64QAM	50	50	20.86	20.87	20.96	20.80	20.84		
20	64QAM	100	0	20.88	20.86	20.88	20.88	20.91		
20	256QAM	1	0	19.46	19.49	19.51	19.48	19.42	20.2	1.5
20	256QAM	1	49	19.54	19.56	19.60	19.48	19.55		
20	256QAM	1	99	19.58	19.64	19.65	19.53	19.51		
20	256QAM	50	0	19.51	19.48	19.62	19.61	19.58	20.2	1.5
20	256QAM	50	24	19.39	19.50	19.51	19.43	19.38		
20	256QAM	50	50	19.48	19.45	19.52	19.38	19.45		
20	256QAM	100	0	19.55	19.55	19.58	19.50	19.52		
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	20.91	20.91	20.91	20.91	20.82	21.7	0
15	QPSK	1	37	20.71	20.74	20.94	20.85	20.85		
15	QPSK	1	74	20.67	20.77	20.80	20.78	20.82		
15	QPSK	36	0	20.78	20.90	20.91	20.81	20.81	21.7	0
15	QPSK	36	20	20.80	20.91	20.85	20.75	20.79		
15	QPSK	36	39	20.85	20.74	20.73	20.70	20.84		
15	QPSK	75	0	20.75	20.84	20.90	20.67	20.74		
15	16QAM	1	0	20.79	20.94	20.79	20.84	20.86	21.7	0
15	16QAM	1	37	20.85	20.79	20.77	20.71	20.88		
15	16QAM	1	74	20.82	20.81	20.75	20.71	20.75		
15	16QAM	36	0	20.80	20.86	20.94	20.78	20.77	21.7	0
15	16QAM	36	20	20.89	20.82	20.75	20.78	20.77		
15	16QAM	36	39	20.73	20.77	20.76	20.66	20.92		
15	16QAM	75	0	20.82	20.89	20.97	20.71	20.85		
15	64QAM	1	0	20.74	20.77	20.85	20.78	20.84	21.7	0
15	64QAM	1	37	20.89	20.78	20.82	20.80	20.79		
15	64QAM	1	74	20.84	20.72	20.77	20.79	20.86		
15	64QAM	36	0	20.74	20.76	20.94	20.81	20.73	21.7	0
15	64QAM	36	20	20.87	20.75	20.75	20.65	20.72		
15	64QAM	36	39	20.83	20.79	20.88	20.67	20.76		
15	64QAM	75	0	20.84	20.79	20.73	20.77	20.78		
15	256QAM	1	0	19.37	19.47	19.50	19.46	19.35	20.2	1.5
15	256QAM	1	37	19.45	19.41	19.58	19.42	19.41		
15	256QAM	1	74	19.48	19.60	19.62	19.43	19.41		
15	256QAM	36	0	19.37	19.46	19.52	19.58	19.54	20.2	1.5
15	256QAM	36	20	19.32	19.38	19.44	19.41	19.33		
15	256QAM	36	39	19.46	19.34	19.44	19.31	19.41		
15	256QAM	75	0	19.43	19.43	19.51	19.44	19.48		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.81	20.91	20.93	20.77	20.82	21.7	0
10	QPSK	1	25	20.66	20.73	20.94	20.77	20.75		
10	QPSK	1	49	20.73	20.81	20.79	20.75	20.82		
10	QPSK	25	0	20.85	20.88	20.89	20.82	20.91	21.7	0
10	QPSK	25	12	20.71	20.90	20.86	20.79	20.74		
10	QPSK	25	25	20.82	20.71	20.83	20.79	20.77		
10	QPSK	50	0	20.73	20.82	20.84	20.70	20.75		
10	16QAM	1	0	20.79	20.83	20.77	20.76	20.78	21.7	0
10	16QAM	1	25	20.76	20.81	20.77	20.82	20.81		
10	16QAM	1	49	20.79	20.69	20.74	20.74	20.81		
10	16QAM	25	0	20.87	20.89	20.85	20.79	20.80	21.7	0
10	16QAM	25	12	20.76	20.74	20.76	20.67	20.78		
10	16QAM	25	25	20.73	20.90	20.77	20.79	20.87		
10	16QAM	50	0	20.78	20.90	20.93	20.71	20.83		
10	64QAM	1	0	20.77	20.81	20.89	20.78	20.87	21.7	0
10	64QAM	1	25	20.89	20.88	20.89	20.74	20.76		
10	64QAM	1	49	20.79	20.79	20.78	20.84	20.90		
10	64QAM	25	0	20.75	20.75	20.90	20.79	20.75	21.7	0
10	64QAM	25	12	20.82	20.82	20.79	20.64	20.82		
10	64QAM	25	25	20.78	20.78	20.92	20.73	20.73		
10	64QAM	50	0	20.87	20.80	20.84	20.73	20.90		
10	256QAM	1	0	19.45	19.48	19.43	19.36	19.35	20.2	1.5
10	256QAM	1	25	19.48	19.43	19.47	19.39	19.48		
10	256QAM	1	49	19.50	19.56	19.60	19.39	19.39		
10	256QAM	25	0	19.38	19.41	19.52	19.49	19.44	20.2	1.5
10	256QAM	25	12	19.34	19.37	19.39	19.35	19.34		
10	256QAM	25	25	19.47	19.41	19.51	19.29	19.38		
10	256QAM	50	0	19.48	19.54	19.46	19.42	19.46		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.87	20.94	20.90	20.85	20.83	21.7	0
5	QPSK	1	12	20.76	20.80	20.89	20.76	20.79		
5	QPSK	1	24	20.76	20.79	20.79	20.74	20.86		
5	QPSK	12	0	20.80	20.83	20.95	20.77	20.82	21.7	0
5	QPSK	12	7	20.82	20.92	20.85	20.73	20.68		
5	QPSK	12	13	20.78	20.68	20.81	20.73	20.80		
5	QPSK	25	0	20.79	20.79	20.77	20.71	20.76		
5	16QAM	1	0	20.85	20.85	20.83	20.84	20.83	21.7	0
5	16QAM	1	12	20.80	20.86	20.70	20.76	20.90		
5	16QAM	1	24	20.80	20.78	20.77	20.71	20.82		
5	16QAM	12	0	20.89	20.87	20.96	20.89	20.75	21.7	0
5	16QAM	12	7	20.87	20.73	20.78	20.67	20.78		
5	16QAM	12	13	20.67	20.86	20.89	20.76	20.89		
5	16QAM	25	0	20.75	20.92	20.84	20.81	20.77		
5	64QAM	1	0	20.85	20.80	20.86	20.84	20.92	21.7	0
5	64QAM	1	12	20.92	20.78	20.89	20.74	20.72		
5	64QAM	1	24	20.72	20.82	20.79	20.79	20.91		
5	64QAM	12	0	20.71	20.87	20.93	20.76	20.69	21.7	0
5	64QAM	12	7	20.79	20.71	20.83	20.76	20.81		
5	64QAM	12	13	20.83	20.79	20.93	20.67	20.71		
5	64QAM	25	0	20.78	20.74	20.83	20.82	20.90		
5	256QAM	1	0	19.37	19.36	19.40	19.40	19.33	20.2	1.5
5	256QAM	1	12	19.47	19.50	19.48	19.41	19.52		
5	256QAM	1	24	19.56	19.53	19.52	19.42	19.40		
5	256QAM	12	0	19.36	19.41	19.57	19.60	19.57	20.2	1.5
5	256QAM	12	7	19.27	19.38	19.39	19.42	19.25		
5	256QAM	12	13	19.43	19.30	19.50	19.33	19.32		
5	256QAM	25	0	19.40	19.50	19.57	19.47	19.40		

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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	17.60	18.05	18.10	18.08	18.03	18.8	0
20	QPSK	1	49	17.55	18.01	18.06	18.04	18.00		
20	QPSK	1	99	17.51	17.96	17.95	17.95	17.99		
20	QPSK	50	0	17.13	17.51	17.56	17.53	17.50	18.3	0.5
20	QPSK	50	24	16.98	17.44	17.46	17.45	17.34		
20	QPSK	50	50	16.96	17.48	17.49	17.48	17.47		
20	QPSK	100	0	16.96	17.45	17.51	17.42	17.41		
20	16QAM	1	0	17.17	17.56	17.60	17.49	17.55	18.3	0.5
20	16QAM	1	49	17.07	17.42	17.50	17.45	17.49		
20	16QAM	1	99	17.02	17.33	17.47	17.41	17.36		
20	16QAM	50	0	16.60	17.09	17.10	17.01	17.07	17.8	1
20	16QAM	50	24	16.55	16.93	17.08	17.05	17.07		
20	16QAM	50	50	16.55	16.94	16.96	16.83	16.93		
20	16QAM	100	0	16.47	16.89	16.97	16.93	16.87		
20	64QAM	1	0	15.99	16.31	16.38	16.34	16.27	17.8	1
20	64QAM	1	49	15.95	16.21	16.32	16.31	16.30		
20	64QAM	1	99	15.98	16.25	16.26	16.22	16.16		
20	64QAM	50	0	15.60	15.95	16.08	16.02	16.07	16.8	2
20	64QAM	50	24	15.50	15.87	15.93	15.78	15.91		
20	64QAM	50	50	15.49	15.96	15.99	15.94	15.95		
20	64QAM	100	0	15.50	15.87	15.98	15.97	15.86		
20	256QAM	1	0	12.55	12.85	12.96	12.86	12.89	13.8	5
20	256QAM	1	49	12.46	12.79	12.89	12.84	12.86		
20	256QAM	1	99	12.34	12.72	12.85	12.75	12.78		
20	256QAM	50	0	12.37	12.72	12.82	12.78	12.68	13.8	5
20	256QAM	50	24	12.41	12.82	12.89	12.83	12.81		
20	256QAM	50	50	12.40	12.81	12.87	12.79	12.76		
20	256QAM	100	0	12.46	12.85	12.87	12.82	12.73		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.45	17.97	18.04	17.89	17.94	18.8	0
15	QPSK	1	37	17.49	17.90	17.95	18.03	17.89		
15	QPSK	1	74	17.37	17.93	17.94	17.93	17.97		
15	QPSK	36	0	17.08	17.47	17.50	17.49	17.49	18.3	0.5
15	QPSK	36	20	16.85	17.35	17.41	17.34	17.28		
15	QPSK	36	39	16.93	17.43	17.44	17.35	17.34		
15	QPSK	75	0	16.91	17.34	17.38	17.30	17.31		
15	16QAM	1	0	17.12	17.50	17.58	17.35	17.40	18.3	0.5
15	16QAM	1	37	17.05	17.36	17.35	17.40	17.48		
15	16QAM	1	74	16.96	17.27	17.32	17.27	17.34		
15	16QAM	36	0	16.51	17.08	17.01	16.87	17.01	17.8	1
15	16QAM	36	20	16.40	16.82	16.95	16.95	16.94		
15	16QAM	36	39	16.43	16.91	16.88	16.75	16.86		
15	16QAM	75	0	16.32	16.87	16.85	16.84	16.80		
15	64QAM	1	0	15.87	16.28	16.36	16.22	16.23	17.8	1
15	64QAM	1	37	15.88	16.17	16.19	16.21	16.23		
15	64QAM	1	74	15.94	16.19	16.14	16.14	16.05		
15	64QAM	36	0	15.48	15.84	16.06	15.90	16.03	16.8	2
15	64QAM	36	20	15.47	15.84	15.89	15.72	15.78		
15	64QAM	36	39	15.34	15.94	15.94	15.87	15.87		
15	64QAM	75	0	15.45	15.75	15.94	15.96	15.71		
15	256QAM	1	0	12.48	12.76	12.84	12.73	12.74	13.8	5
15	256QAM	1	37	12.38	12.65	12.86	12.76	12.84		
15	256QAM	1	74	12.21	12.68	12.80	12.65	12.71		
15	256QAM	36	0	12.31	12.58	12.80	12.64	12.62	13.8	5
15	256QAM	36	20	12.27	12.77	12.88	12.69	12.77		
15	256QAM	36	39	12.37	12.70	12.80	12.68	12.74		
15	256QAM	75	0	12.45	12.79	12.73	12.78	12.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.48	17.97	17.92	17.98	17.88	18.8	0
10	QPSK	1	25	17.52	17.95	17.95	17.93	17.97		
10	QPSK	1	49	17.38	17.93	17.84	17.86	17.98		
10	QPSK	25	0	17.11	17.45	17.54	17.52	17.44	18.3	0.5
10	QPSK	25	12	16.86	17.29	17.36	17.35	17.31		
10	QPSK	25	25	16.87	17.41	17.46	17.42	17.37		
10	QPSK	50	0	16.91	17.35	17.45	17.29	17.36		
10	16QAM	1	0	17.06	17.44	17.49	17.39	17.46	18.3	0.5
10	16QAM	1	25	16.96	17.40	17.48	17.41	17.36		
10	16QAM	1	49	16.92	17.26	17.44	17.32	17.25		
10	16QAM	25	0	16.50	16.96	16.95	16.86	16.97	17.8	1
10	16QAM	25	12	16.41	16.87	17.00	16.94	16.94		
10	16QAM	25	25	16.41	16.91	16.94	16.79	16.91		
10	16QAM	50	0	16.38	16.79	16.83	16.79	16.84		
10	64QAM	1	0	15.95	16.21	16.31	16.33	16.21	17.8	1
10	64QAM	1	25	15.89	16.17	16.29	16.27	16.17		
10	64QAM	1	49	15.87	16.11	16.15	16.10	16.04		
10	64QAM	25	0	15.49	15.91	16.06	16.00	15.93	16.8	2
10	64QAM	25	12	15.36	15.78	15.89	15.72	15.76		
10	64QAM	25	25	15.42	15.85	15.87	15.93	15.91		
10	64QAM	50	0	15.43	15.76	15.87	15.82	15.82		
10	256QAM	1	0	12.44	12.81	12.83	12.80	12.74	13.8	5
10	256QAM	1	25	12.37	12.74	12.78	12.83	12.72		
10	256QAM	1	49	12.32	12.58	12.83	12.71	12.69		
10	256QAM	25	0	12.36	12.62	12.78	12.75	12.57	13.8	5
10	256QAM	25	12	12.31	12.77	12.86	12.69	12.70		
10	256QAM	25	25	12.32	12.70	12.78	12.70	12.73		
10	256QAM	50	0	12.38	12.74	12.74	12.76	12.64		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.54	17.95	18.01	17.93	17.91	18.8	0
5	QPSK	1	12	17.56	17.93	18.02	17.96	17.88		
5	QPSK	1	24	17.47	17.88	17.94	17.90	17.86		
5	QPSK	12	0	16.99	17.47	17.42	17.50	17.49	18.3	0.5
5	QPSK	12	7	16.86	17.41	17.43	17.44	17.32		
5	QPSK	12	13	16.82	17.36	17.40	17.42	17.43		
5	QPSK	25	0	16.83	17.41	17.41	17.28	17.31		
5	16QAM	1	0	17.10	17.54	17.49	17.46	17.42	18.3	0.5
5	16QAM	1	12	17.05	17.30	17.44	17.37	17.34		
5	16QAM	1	24	16.99	17.28	17.41	17.37	17.21		
5	16QAM	12	0	16.48	17.08	17.02	16.99	16.98	17.8	1
5	16QAM	12	7	16.43	16.79	16.94	16.93	16.99		
5	16QAM	12	13	16.54	16.88	16.81	16.71	16.90		
5	16QAM	25	0	16.42	16.76	16.91	16.88	16.78		
5	64QAM	1	0	15.84	16.26	16.36	16.23	16.22	17.8	1
5	64QAM	1	12	15.87	16.09	16.30	16.29	16.15		
5	64QAM	1	24	15.96	16.22	16.14	16.21	16.11		
5	64QAM	12	0	15.54	15.92	15.99	15.93	15.99	16.8	2
5	64QAM	12	7	15.45	15.84	15.81	15.73	15.89		
5	64QAM	12	13	15.47	15.85	15.92	15.82	15.89		
5	64QAM	25	0	15.36	15.80	15.91	15.84	15.75		
5	256QAM	1	0	12.52	12.83	12.84	12.80	12.75	13.8	5
5	256QAM	1	12	12.31	12.72	12.79	12.82	12.74		
5	256QAM	1	24	12.27	12.68	12.84	12.68	12.75		
5	256QAM	12	0	12.30	12.71	12.80	12.74	12.54	13.8	5
5	256QAM	12	7	12.31	12.76	12.77	12.72	12.71		
5	256QAM	12	13	12.31	12.70	12.72	12.68	12.64		
5	256QAM	25	0	12.34	12.81	12.76	12.78	12.68		

Band 41(HPUE)_Ant 7

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	20.80	21.18	21.20	21.15	21.10	21.8	0
20	QPSK	1	49	20.79	21.17	21.16	21.14	21.06		
20	QPSK	1	99	20.79	21.12	21.15	21.11	21.09		
20	QPSK	50	0	20.20	20.50	20.60	20.55	20.54	21.3	0.5
20	QPSK	50	24	20.12	20.39	20.52	20.48	20.43		
20	QPSK	50	50	20.15	20.44	20.58	20.51	20.43		
20	QPSK	100	0	20.16	20.58	20.59	20.49	20.49		
20	16QAM	1	0	20.34	20.83	20.85	20.76	20.71	21.3	0.5
20	16QAM	1	49	20.25	20.71	20.75	20.65	20.60		
20	16QAM	1	99	20.23	20.64	20.73	20.59	20.66		
20	16QAM	50	0	19.57	20.00	20.12	20.09	20.02	20.8	1
20	16QAM	50	24	19.46	19.94	19.97	19.89	19.91		
20	16QAM	50	50	19.51	20.00	20.05	20.03	20.04		
20	16QAM	100	0	19.50	19.93	19.97	19.83	19.86		
20	64QAM	1	0	19.24	19.68	19.71	19.57	19.70	20.8	1
20	64QAM	1	49	19.21	19.57	19.63	19.50	19.48		
20	64QAM	1	99	19.22	19.53	19.65	19.59	19.53		
20	64QAM	50	0	18.56	19.01	19.10	19.06	18.97	19.8	2
20	64QAM	50	24	18.60	18.89	18.97	18.94	18.95		
20	64QAM	50	50	18.56	18.86	18.97	18.88	18.89		
20	64QAM	100	0	18.59	19.03	19.09	19.04	19.00		
20	256QAM	1	0	15.53	15.88	16.00	15.95	15.99	16.8	5
20	256QAM	1	49	15.48	15.88	15.92	15.88	15.87		
20	256QAM	1	99	15.49	15.82	15.93	15.87	15.85		
20	256QAM	50	0	15.50	15.82	15.94	15.89	15.84	16.8	5
20	256QAM	50	24	15.55	15.85	15.96	15.92	15.93		
20	256QAM	50	50	15.47	15.82	15.92	15.80	15.82		
20	256QAM	100	0	15.47	15.80	15.92	15.80	15.88		
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	20.65	21.03	21.06	21.07	20.96	21.8	0
15	QPSK	1	37	20.65	21.14	21.16	21.09	20.99		
15	QPSK	1	74	20.76	21.01	21.03	21.08	21.04		
15	QPSK	36	0	20.05	20.41	20.51	20.50	20.44	21.3	0.5
15	QPSK	36	20	20.08	20.31	20.38	20.33	20.35		
15	QPSK	36	39	20.12	20.32	20.57	20.38	20.34		
15	QPSK	75	0	20.01	20.57	20.53	20.38	20.48		
15	16QAM	1	0	20.20	20.74	20.80	20.71	20.61	21.3	0.5
15	16QAM	1	37	20.23	20.61	20.71	20.54	20.58		
15	16QAM	1	74	20.14	20.52	20.66	20.44	20.53		
15	16QAM	36	0	19.50	19.85	19.98	20.05	19.92	20.8	1
15	16QAM	36	20	19.39	19.81	19.96	19.77	19.79		
15	16QAM	36	39	19.43	19.90	19.94	20.01	19.95		
15	16QAM	75	0	19.38	19.87	19.83	19.70	19.84		
15	64QAM	1	0	19.10	19.55	19.68	19.53	19.68	20.8	1
15	64QAM	1	37	19.13	19.51	19.60	19.42	19.37		
15	64QAM	1	74	19.21	19.51	19.64	19.45	19.42		
15	64QAM	36	0	18.51	18.93	18.99	18.93	18.83	19.8	2
15	64QAM	36	20	18.49	18.79	18.92	18.83	18.80		
15	64QAM	36	39	18.46	18.79	18.82	18.74	18.78		
15	64QAM	75	0	18.51	18.95	19.08	18.91	18.92		
15	256QAM	1	0	15.39	15.77	15.93	15.87	15.85	16.8	5
15	256QAM	1	37	15.45	15.81	15.89	15.85	15.79		
15	256QAM	1	74	15.40	15.69	15.82	15.79	15.73		
15	256QAM	36	0	15.38	15.79	15.92	15.78	15.74	16.8	5
15	256QAM	36	20	15.49	15.76	15.92	15.82	15.80		
15	256QAM	36	39	15.36	15.70	15.80	15.74	15.74		
15	256QAM	75	0	15.46	15.78	15.82	15.72	15.82		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.77	21.04	21.11	21.10	20.99	21.8	0
10	QPSK	1	25	20.75	21.16	21.07	21.01	21.01		
10	QPSK	1	49	20.75	21.10	21.06	21.05	21.01		
10	QPSK	25	0	20.07	20.45	20.49	20.52	20.50	21.3	0.5
10	QPSK	25	12	20.11	20.36	20.42	20.39	20.39		
10	QPSK	25	25	20.04	20.38	20.57	20.40	20.29		
10	QPSK	50	0	20.03	20.51	20.46	20.37	20.46		
10	16QAM	1	0	20.27	20.82	20.73	20.68	20.58	21.3	0.5
10	16QAM	1	25	20.11	20.64	20.72	20.64	20.51		
10	16QAM	1	49	20.19	20.52	20.63	20.51	20.63		
10	16QAM	25	0	19.54	19.89	20.06	20.04	19.96	20.8	1
10	16QAM	25	12	19.41	19.79	19.94	19.82	19.87		
10	16QAM	25	25	19.36	19.87	20.03	19.99	19.89		
10	16QAM	50	0	19.42	19.78	19.96	19.82	19.80		
10	64QAM	1	0	19.10	19.65	19.69	19.47	19.55	20.8	1
10	64QAM	1	25	19.19	19.47	19.57	19.46	19.34		
10	64QAM	1	49	19.10	19.50	19.60	19.49	19.42		
10	64QAM	25	0	18.55	18.93	18.96	18.91	18.82	19.8	2
10	64QAM	25	12	18.55	18.75	18.88	18.93	18.94		
10	64QAM	25	25	18.45	18.81	18.94	18.78	18.85		
10	64QAM	50	0	18.49	18.89	19.04	19.01	18.88		
10	256QAM	1	0	15.49	15.77	15.92	15.91	15.87	16.8	5
10	256QAM	1	25	15.41	15.76	15.77	15.73	15.79		
10	256QAM	1	49	15.40	15.74	15.87	15.74	15.79		
10	256QAM	25	0	15.49	15.77	15.93	15.87	15.72	16.8	5
10	256QAM	25	12	15.45	15.73	15.86	15.86	15.82		
10	256QAM	25	25	15.45	15.76	15.91	15.77	15.79		
10	256QAM	50	0	15.46	15.74	15.82	15.73	15.87		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.69	21.04	21.05	21.00	20.97	21.8	0
5	QPSK	1	12	20.78	21.14	21.05	21.05	20.99		
5	QPSK	1	24	20.65	21.10	21.05	21.02	20.99		
5	QPSK	12	0	20.07	20.47	20.53	20.48	20.44	21.3	0.5
5	QPSK	12	7	20.00	20.35	20.49	20.41	20.33		
5	QPSK	12	13	20.04	20.36	20.49	20.47	20.34		
5	QPSK	25	0	20.05	20.51	20.58	20.42	20.38		
5	16QAM	1	0	20.25	20.77	20.72	20.74	20.59	21.3	0.5
5	16QAM	1	12	20.10	20.65	20.74	20.51	20.58		
5	16QAM	1	24	20.15	20.52	20.64	20.53	20.54		
5	16QAM	12	0	19.44	19.86	20.00	19.94	19.89	20.8	1
5	16QAM	12	7	19.41	19.89	19.85	19.76	19.83		
5	16QAM	12	13	19.48	19.85	19.94	19.99	19.92		
5	16QAM	25	0	19.41	19.82	19.92	19.80	19.84		
5	64QAM	1	0	19.22	19.60	19.68	19.45	19.58	20.8	1
5	64QAM	1	12	19.15	19.44	19.55	19.39	19.45		
5	64QAM	1	24	19.07	19.38	19.56	19.58	19.44		
5	64QAM	12	0	18.44	18.95	18.98	18.92	18.88	19.8	2
5	64QAM	12	7	18.54	18.86	18.85	18.87	18.89		
5	64QAM	12	13	18.49	18.75	18.91	18.79	18.81		
5	64QAM	25	0	18.57	18.96	18.96	18.93	18.95		
5	256QAM	1	0	15.52	15.74	15.98	15.88	15.95	16.8	5
5	256QAM	1	12	15.44	15.87	15.85	15.83	15.84		
5	256QAM	1	24	15.43	15.74	15.91	15.81	15.71		
5	256QAM	12	0	15.35	15.79	15.90	15.80	15.76	16.8	5
5	256QAM	12	7	15.46	15.74	15.81	15.89	15.78		
5	256QAM	12	13	15.44	15.75	15.86	15.69	15.78		
5	256QAM	25	0	15.40	15.69	15.87	15.76	15.86		

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	30.00	30.05	30.03	30.60	21.00	21.05	21.03	21.60
GPRS/EDGE(GMSK) 1 Tx slot	29.88	30.03	29.96	30.60	20.88	21.03	20.96	21.60
GPRS/EDGE(GMSK) 2 Tx slots	27.09	27.10	26.95	28.10	21.09	21.10	20.95	22.10
GPRS/EDGE(GMSK) 3 Tx slots	25.30	25.42	25.37	26.60	21.04	21.16	21.11	22.34
GPRS/EDGE(GMSK) 4 Tx slots	23.82	23.96	23.86	25.10	20.82	20.96	20.86	22.10
EDGE 1 Tx slot	26.28	26.30	26.35	26.80	17.28	17.30	17.35	17.80
EDGE 2 Tx slot	25.20	25.25	25.18	25.60	19.20	19.25	19.18	19.60
EDGE 3 Tx slot	23.00	23.03	22.98	23.60	18.74	18.77	18.72	19.34
EDGE 4 Tx slot	21.43	21.45	21.37	22.10	18.43	18.45	18.37	19.10

Reduced Power Mode for ECI 5

GSM850_Ant1	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	32.16	32.17	32.05	33.50	23.16	23.17	23.05	24.50
GPRS/EDGE(GMSK) 1 Tx slot	32.12	32.15	32.01	33.50	23.12	23.15	23.01	24.50
GPRS/EDGE(GMSK) 2 Tx slots	29.59	29.70	29.65	31.00	23.59	23.70	23.65	25.00
GPRS/EDGE(GMSK) 3 Tx slots	28.01	28.13	28.05	29.50	23.75	23.87	23.79	25.24
GPRS/EDGE(GMSK) 4 Tx slots	26.94	27.08	26.97	28.00	23.94	24.08	23.97	25.00
EDGE 1 Tx slot	26.17	26.30	26.29	27.20	17.17	17.30	17.29	18.20
EDGE 2 Tx slot	25.00	25.12	25.00	26.00	19.00	19.12	19.00	20.00
EDGE 3 Tx slot	22.95	22.96	22.88	24.00	18.69	18.70	18.62	19.74
EDGE 4 Tx slot	21.23	21.35	21.26	22.50	18.23	18.35	18.26	19.50

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	29.80	29.83	29.85	30.50	20.80	20.83	20.85	21.50
GPRS/EDGE(GMSK) 1 Tx slot	29.78	29.80	29.78	30.50	20.78	20.80	20.78	21.50
GPRS/EDGE(GMSK) 2 Tx slots	27.27	27.42	27.31	28.50	21.27	21.42	21.31	22.50
GPRS/EDGE(GMSK) 3 Tx slots	25.77	25.83	25.73	26.50	21.51	21.57	21.47	22.24
GPRS/EDGE(GMSK) 4 Tx slots	24.61	24.65	24.53	25.00	21.61	21.65	21.53	22.00
EDGE 1 Tx slot	25.64	25.70	25.56	26.50	16.64	16.70	16.56	17.50
EDGE 2 Tx slot	23.83	23.85	23.82	24.50	17.83	17.85	17.82	18.50
EDGE 3 Tx slot	21.62	21.70	21.57	22.50	17.36	17.44	17.31	18.24
EDGE 4 Tx slot	20.62	20.69	20.65	21.50	17.62	17.69	17.65	18.50

GSM1900_Ant 6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.03	26.10	26.01	26.20	17.03	17.10	17.01	17.20
GPRS/EDGE(GMSK) 1 Tx slot	26.00	26.05	26.01	26.20	17.00	17.05	17.01	17.20
GPRS/EDGE(GMSK) 2 Tx slots	23.24	23.34	23.31	24.20	17.24	17.34	17.31	18.20
GPRS/EDGE(GMSK) 3 Tx slots	21.83	21.85	21.77	22.20	17.57	17.59	17.51	17.94
GPRS/EDGE(GMSK) 4 Tx slots	20.02	20.16	20.08	20.70	17.02	17.16	17.08	17.70
EDGE 1 Tx slot	24.71	24.85	24.75	25.20	15.71	15.85	15.75	16.20
EDGE 2 Tx slot	22.79	22.82	22.77	23.20	16.79	16.82	16.77	17.20
EDGE 3 Tx slot	20.84	20.95	20.93	21.20	16.58	16.69	16.67	16.94
EDGE 4 Tx slot	19.18	19.33	19.25	19.70	16.18	16.33	16.25	16.70

Band		WCDMA II_Ant 5			Tune-up Limit (dBm)	WCDMA II_Ant 6			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.03	23.08	23.00	23.80	16.23	16.36	16.25	16.80
3GPP Rel 99	RMC 12.2Kbps	23.05	23.10	23.02	23.80	16.32	16.40	16.33	16.80
3GPP Rel 6	HSDPA Subtest-1	21.99	22.09	22.00	22.80	16.27	16.37	16.19	16.80
3GPP Rel 6	HSDPA Subtest-2	22.00	22.07	21.97	22.80	16.27	16.29	16.25	16.80
3GPP Rel 6	HSDPA Subtest-3	21.56	21.60	21.51	22.30	16.20	16.34	16.23	16.80
3GPP Rel 6	HSDPA Subtest-4	21.48	21.56	21.49	22.30	16.31	16.31	16.27	16.80
3GPP Rel 8	DC-HSDPA Subtest-1	21.88	22.08	21.96	22.80	16.21	16.30	16.21	16.80
3GPP Rel 8	DC-HSDPA Subtest-2	21.88	22.02	21.90	22.80	16.18	16.25	16.30	16.80
3GPP Rel 8	DC-HSDPA Subtest-3	21.55	21.57	21.42	22.30	16.27	16.32	16.19	16.80
3GPP Rel 8	DC-HSDPA Subtest-4	21.37	21.43	21.46	22.30	16.19	16.30	16.19	16.80
3GPP Rel 6	HSUPA Subtest-1	21.05	21.12	21.04	22.80	16.26	16.29	16.28	16.80
3GPP Rel 6	HSUPA Subtest-2	21.04	21.10	21.05	22.80	16.28	16.30	16.25	16.80
3GPP Rel 6	HSUPA Subtest-3	21.06	21.13	21.05	22.80	16.23	16.39	16.32	16.80
3GPP Rel 6	HSUPA Subtest-4	20.55	20.65	20.60	22.30	16.28	16.37	16.31	16.80
3GPP Rel 6	HSUPA Subtest-5	22.00	22.10	22.00	23.80	16.26	16.36	16.25	16.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.07	21.10	21.04	22.30	16.27	16.25	16.28	16.80

Band		WCDMA IV_Ant5			Tune-up Limit (dBm)	WCDMA IV_Ant6			Tune-up Limit (dBm)	WCDMA IV_Ant11			Tune-up Limit (dBm)	WCDMA IV_Ant7			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.08	24.12	24.10	24.80	15.93	15.96	15.84	16.40	18.60	18.62	18.73	19.30	15.75	15.83	15.77	16.60
3GPP Rel 99	RMC 12.2Kbps	24.12	24.15	24.13	24.80	15.95	15.99	15.90	16.40	18.72	18.77	18.75	19.30	15.85	15.90	15.82	16.60
3GPP Rel 6	HSDPA Subtest-1	23.17	23.18	23.18	23.80	15.89	15.89	15.87	16.40	18.68	18.63	18.66	19.30	15.70	15.84	15.70	16.60
3GPP Rel 6	HSDPA Subtest-2	23.13	23.11	23.14	23.80	15.86	15.96	15.78	16.40	18.71	18.63	18.62	19.30	15.81	15.84	15.73	16.60
3GPP Rel 6	HSDPA Subtest-3	22.70	22.63	22.71	23.30	15.87	15.94	15.87	16.40	18.59	18.70	18.67	19.30	15.81	15.85	15.74	16.60
3GPP Rel 6	HSDPA Subtest-4	22.63	22.62	22.65	23.30	15.86	15.84	15.78	16.40	18.64	18.71	18.63	19.30	15.74	15.86	15.78	16.60
3GPP Rel 8	DC-HSDPA Subtest-1	23.11	23.07	23.16	23.80	15.81	15.85	15.75	16.40	18.68	18.73	18.73	19.30	15.80	15.87	15.78	16.60
3GPP Rel 8	DC-HSDPA Subtest-2	23.04	22.98	23.08	23.80	15.90	15.88	15.86	16.40	18.71	18.75	18.74	19.30	15.77	15.79	15.79	16.60
3GPP Rel 8	DC-HSDPA Subtest-3	22.64	22.59	22.62	23.30	15.86	15.91	15.79	16.40	18.59	18.74	18.66	19.30	15.77	15.78	15.72	16.60
3GPP Rel 8	DC-HSDPA Subtest-4	22.51	22.50	22.50	23.30	15.84	15.90	15.89	16.40	18.68	18.73	18.70	19.30	15.74	15.79	15.75	16.60
3GPP Rel 6	HSUPA Subtest-1	22.18	22.14	22.22	22.80	15.90	15.84	15.85	16.40	18.67	18.73	18.64	19.30	15.80	15.78	15.68	16.60
3GPP Rel 6	HSUPA Subtest-2	22.21	22.16	22.25	22.80	15.92	15.86	15.84	16.40	18.66	18.68	18.67	19.30	15.80	15.79	15.76	16.60
3GPP Rel 6	HSUPA Subtest-3	22.21	22.15	22.18	22.80	15.86	15.92	15.85	16.40	18.64	18.62	18.67	19.30	15.84	15.88	15.81	16.60
3GPP Rel 6	HSUPA Subtest-4	21.70	21.70	21.72	22.30	15.82	15.91	15.84	16.40	18.63	18.67	18.61	19.30	15.75	15.77	15.71	16.60
3GPP Rel 6	HSUPA Subtest-5	23.20	23.20	23.20	23.80	15.86	15.96	15.84	16.40	18.71	18.67	18.64	19.30	15.79	15.77	15.79	16.60
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.98	22.09	22.05	23.80	15.93	15.93	15.77	16.40	18.64	18.68	18.63	19.30	15.83	15.85	15.74	16.60

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	23.31	23.26	23.32	23.90	24.20	24.23	24.25	24.80
3GPP Rel 99	RMC 12.2Kbps	23.32	23.40	23.35	23.90	24.24	24.28	24.27	24.80
3GPP Rel 6	HSDPA Subtest-1	22.85	22.84	22.87	23.40	23.30	23.24	23.33	23.80
3GPP Rel 6	HSDPA Subtest-2	22.83	22.84	22.84	23.40	23.29	23.26	23.29	23.80
3GPP Rel 6	HSDPA Subtest-3	22.37	22.35	22.41	22.90	22.83	22.80	22.89	23.30
3GPP Rel 6	HSDPA Subtest-4	22.33	22.35	22.34	22.90	22.81	22.73	22.85	23.30
3GPP Rel 8	DC-HSDPA Subtest-1	22.83	22.77	22.73	23.40	23.26	23.22	23.26	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	22.77	22.71	22.82	23.40	23.18	23.19	23.19	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	22.25	22.30	22.28	22.90	22.72	22.75	22.77	23.30
3GPP Rel 8	DC-HSDPA Subtest-4	22.25	22.31	22.30	22.90	22.73	22.67	22.73	23.30
3GPP Rel 6	HSUPA Subtest-1	21.84	21.82	21.86	22.40	22.25	22.26	22.29	22.80
3GPP Rel 6	HSUPA Subtest-2	21.83	21.83	21.85	22.40	22.28	22.28	22.28	22.80
3GPP Rel 6	HSUPA Subtest-3	21.84	21.84	21.86	22.40	22.29	22.27	22.28	22.80
3GPP Rel 6	HSUPA Subtest-4	21.38	21.34	21.36	21.90	21.81	21.73	21.83	22.30
3GPP Rel 6	HSUPA Subtest-5	22.80	22.80	22.90	23.40	23.30	23.30	23.30	23.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.75	21.86	21.84	23.40	22.25	22.31	22.21	23.80

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BW [MHz]	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	23.13	23.24	23.13	23.8	0
20	QPSK	1	49	23.10	23.17	23.01		
20	QPSK	1	99	23.09	23.02	23.01		
20	QPSK	50	0	22.66	22.74	22.70	23.3	0.5
20	QPSK	50	24	22.62	22.71	22.64		
20	QPSK	50	50	22.61	22.64	22.64		
20	QPSK	100	0	22.62	22.70	22.61		
20	16QAM	1	0	23.16	22.86	23.10	23.3	0.5
20	16QAM	1	49	23.00	23.17	23.06		
20	16QAM	1	99	22.90	22.88	22.94		
20	16QAM	50	0	22.19	22.21	22.19	22.8	1
20	16QAM	50	24	22.14	22.18	22.13		
20	16QAM	50	50	22.19	22.14	22.07		
20	16QAM	100	0	22.13	22.20	22.17		
20	64QAM	1	0	21.71	21.90	21.83	22.8	1
20	64QAM	1	49	21.71	21.81	21.87		
20	64QAM	1	99	21.69	21.88	21.76		
20	64QAM	50	0	21.18	21.20	21.17	21.8	2
20	64QAM	50	24	21.15	21.21	21.10		
20	64QAM	50	50	21.14	21.12	21.08		
20	64QAM	100	0	21.10	21.17	21.11		
20	256QAM	1	0	17.21	17.35	17.20	18.8	5
20	256QAM	1	49	17.26	17.31	17.28		
20	256QAM	1	99	17.18	17.32	17.21		
20	256QAM	50	0	17.16	17.21	17.19	18.8	5
20	256QAM	50	24	17.09	17.24	17.22		
20	256QAM	50	50	17.20	17.25	17.21		
20	256QAM	100	0	17.19	17.27	17.17		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.99	23.04	22.87	23.8	0
15	QPSK	1	37	23.01	23.14	23.02		
15	QPSK	1	74	23.06	22.87	22.93		
15	QPSK	36	0	22.64	22.63	22.69	23.3	0.5
15	QPSK	36	20	22.55	22.61	22.59		
15	QPSK	36	39	22.58	22.55	22.49		
15	QPSK	75	0	22.60	22.55	22.60		
15	16QAM	1	0	23.14	22.81	23.04	23.3	0.5
15	16QAM	1	37	22.97	23.03	22.97		
15	16QAM	1	74	22.80	22.80	22.82		
15	16QAM	36	0	22.13	22.06	22.17	22.8	1
15	16QAM	36	20	22.11	22.15	21.99		
15	16QAM	36	39	22.12	22.03	21.95		
15	16QAM	75	0	22.06	22.19	22.16		
15	64QAM	1	0	21.60	21.76	21.75	22.8	1
15	64QAM	1	37	21.62	21.71	21.83		
15	64QAM	1	74	21.67	21.79	21.70		
15	64QAM	36	0	21.04	21.17	21.09	21.8	2
15	64QAM	36	20	21.14	21.14	21.00		
15	64QAM	36	39	20.99	21.11	20.94		
15	64QAM	75	0	21.06	21.13	20.97		
15	256QAM	1	0	17.18	17.34	17.18	18.8	5
15	256QAM	1	37	17.17	17.27	17.20		
15	256QAM	1	74	17.16	17.23	17.14		
15	256QAM	36	0	17.05	17.14	17.04	18.8	5
15	256QAM	36	20	17.05	17.14	17.07		
15	256QAM	36	39	17.10	17.13	17.16		
15	256QAM	75	0	17.08	17.25	17.05		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.97	23.05	22.98	23.8	0
10	QPSK	1	25	23.00	23.11	23.11		
10	QPSK	1	49	22.97	22.96	22.94		
10	QPSK	25	0	22.61	22.69	22.61	23.3	0.5
10	QPSK	25	12	22.52	22.65	22.59		
10	QPSK	25	25	22.59	22.53	22.54		
10	QPSK	50	0	22.61	22.57	22.46		
10	16QAM	1	0	23.11	22.83	22.95	23.3	0.5
10	16QAM	1	25	22.97	23.11	23.01		
10	16QAM	1	49	22.79	22.79	22.86		
10	16QAM	25	0	22.06	22.07	22.05	22.8	1
10	16QAM	25	12	22.06	22.13	22.00		
10	16QAM	25	25	22.11	22.11	21.96		
10	16QAM	50	0	21.98	22.07	22.02		
10	64QAM	1	0	21.61	21.79	21.68	22.8	1
10	64QAM	1	25	21.63	21.75	21.78		
10	64QAM	1	49	21.68	21.75	21.67		
10	64QAM	25	0	21.03	21.10	21.06	21.8	2
10	64QAM	25	12	21.10	21.18	21.07		
10	64QAM	25	25	21.10	21.11	21.03		
10	64QAM	50	0	20.95	21.12	21.00		
10	256QAM	1	0	17.20	17.30	17.19	18.8	5
10	256QAM	1	25	17.20	17.19	17.22		
10	256QAM	1	49	17.11	17.21	17.10		
10	256QAM	25	0	17.12	17.15	17.12	18.8	5
10	256QAM	25	12	16.98	17.09	17.20		
10	256QAM	25	25	17.09	17.16	17.15		
10	256QAM	50	0	17.13	17.23	17.12		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.99	23.08	23.00	23.8	0
5	QPSK	1	12	23.08	23.17	23.04		
5	QPSK	1	24	23.01	22.99	22.99		
5	QPSK	12	0	22.59	22.61	22.55	23.3	0.5
5	QPSK	12	7	22.61	22.69	22.51		
5	QPSK	12	13	22.47	22.50	22.58		
5	QPSK	25	0	22.47	22.55	22.57		
5	16QAM	1	0	23.04	22.78	23.03	23.3	0.5
5	16QAM	1	12	22.86	23.02	23.04		
5	16QAM	1	24	22.89	22.84	22.93		
5	16QAM	12	0	22.04	22.15	22.07	22.8	1
5	16QAM	12	7	22.00	22.14	21.98		
5	16QAM	12	13	22.14	22.10	21.95		
5	16QAM	25	0	22.01	22.11	22.05		
5	64QAM	1	0	21.56	21.88	21.69	22.8	1
5	64QAM	1	12	21.63	21.68	21.77		
5	64QAM	1	24	21.59	21.78	21.61		
5	64QAM	12	0	21.11	21.18	21.13	21.8	2
5	64QAM	12	7	21.01	21.09	21.05		
5	64QAM	12	13	21.12	21.02	21.01		
5	64QAM	25	0	20.97	21.04	21.07		
5	256QAM	1	0	17.08	17.27	17.12	18.8	5
5	256QAM	1	12	17.17	17.19	17.20		
5	256QAM	1	24	17.13	17.30	17.19		
5	256QAM	12	0	17.12	17.14	17.06	18.8	5
5	256QAM	12	7	17.06	17.20	17.14		
5	256QAM	12	13	17.16	17.21	17.17		
5	256QAM	25	0	17.16	17.12	17.08		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.02	23.11	23.00	23.8	0
3	QPSK	1	8	23.09	23.19	23.07		
3	QPSK	1	14	23.05	23.01	22.94		
3	QPSK	8	0	22.57	22.70	22.60	23.3	0.5
3	QPSK	8	4	22.48	22.66	22.56		
3	QPSK	8	7	22.46	22.56	22.54		
3	QPSK	15	0	22.50	22.69	22.54		
3	16QAM	1	0	23.03	22.73	23.02	23.3	0.5
3	16QAM	1	8	22.96	23.11	22.97		
3	16QAM	1	14	22.83	22.80	22.88		
3	16QAM	8	0	22.10	22.06	22.17	22.8	1
3	16QAM	8	4	22.12	22.11	22.00		
3	16QAM	8	7	22.08	22.10	21.93		
3	16QAM	15	0	22.08	22.13	22.16		
3	64QAM	1	0	21.68	21.79	21.70	22.8	1
3	64QAM	1	8	21.68	21.79	21.77		
3	64QAM	1	14	21.54	21.87	21.67		
3	64QAM	8	0	21.15	21.12	21.08	21.8	2
3	64QAM	8	4	21.06	21.06	20.95		
3	64QAM	8	7	21.04	20.98	20.99		
3	64QAM	15	0	21.09	21.03	21.02		
3	256QAM	1	0	17.08	17.24	17.18	18.8	5
3	256QAM	1	8	17.16	17.25	17.22		
3	256QAM	1	14	17.15	17.17	17.19		
3	256QAM	8	0	17.04	17.14	17.05	18.8	5
3	256QAM	8	4	16.99	17.17	17.13		
3	256QAM	8	7	17.16	17.12	17.09		
3	256QAM	15	0	17.18	17.25	17.02		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.96	23.15	22.89	23.8	0
1.4	QPSK	1	3	23.04	23.21	22.98		
1.4	QPSK	1	5	23.07	22.98	22.97		
1.4	QPSK	3	0	23.05	23.03	22.94		
1.4	QPSK	3	1	23.01	23.23	23.08		
1.4	QPSK	3	3	23.02	22.96	22.96		
1.4	QPSK	6	0	22.57	22.57	22.48	23.3	0.5
1.4	16QAM	1	0	23.14	22.71	22.95	23.3	0.5
1.4	16QAM	1	3	22.96	23.05	22.98		
1.4	16QAM	1	5	22.75	22.87	22.85		
1.4	16QAM	3	0	23.04	22.72	23.05		
1.4	16QAM	3	1	22.91	23.07	22.91		
1.4	16QAM	3	3	22.80	22.86	22.93		
1.4	16QAM	6	0	22.09	22.09	22.05	22.8	1
1.4	64QAM	1	0	21.68	21.75	21.69	22.8	1
1.4	64QAM	1	3	21.69	21.67	21.85		
1.4	64QAM	1	5	21.63	21.80	21.62		
1.4	64QAM	3	0	21.64	21.86	21.81		
1.4	64QAM	3	1	21.65	21.79	21.80		
1.4	64QAM	3	3	21.54	21.85	21.70		
1.4	64QAM	6	0	21.04	21.10	20.99	21.8	2
1.4	256QAM	1	0	17.18	17.22	17.05	18.8	5
1.4	256QAM	1	3	17.12	17.23	17.27		
1.4	256QAM	1	5	17.15	17.27	17.13		
1.4	256QAM	3	0	17.15	17.18	17.17		
1.4	256QAM	3	1	17.01	17.09	17.21		
1.4	256QAM	3	3	17.18	17.23	17.08		
1.4	256QAM	6	0	17.16	17.17	17.16	18.8	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	15.96	16.00	15.90	16.9	0
20	QPSK	1	49	15.83	15.97	15.84		
20	QPSK	1	99	15.85	15.96	15.85		
20	QPSK	50	0	15.94	15.98	15.89	16.9	0
20	QPSK	50	24	15.90	15.87	15.75		
20	QPSK	50	50	15.91	15.96	15.84		
20	QPSK	100	0	15.90	15.95	15.89		
20	16QAM	1	0	15.88	15.89	15.87	16.9	0
20	16QAM	1	49	15.85	15.99	15.87		
20	16QAM	1	99	15.87	15.93	15.78		
20	16QAM	50	0	15.81	15.93	15.79	16.9	0
20	16QAM	50	24	15.95	15.86	15.75		
20	16QAM	50	50	15.91	15.88	15.77		
20	16QAM	100	0	15.91	15.99	15.82		
20	64QAM	1	0	15.89	15.89	15.81	16.9	0
20	64QAM	1	49	15.92	15.90	15.80		
20	64QAM	1	99	15.86	15.87	15.89		
20	64QAM	50	0	15.89	15.88	15.80	16.9	0
20	64QAM	50	24	15.93	15.88	15.75		
20	64QAM	50	50	15.86	15.99	15.83		
20	64QAM	100	0	15.90	15.97	15.80		
20	256QAM	1	0	15.95	15.90	15.87	16.9	0
20	256QAM	1	49	15.89	15.86	15.82		
20	256QAM	1	99	15.86	15.92	15.76		
20	256QAM	50	0	15.94	15.93	15.81	16.9	0
20	256QAM	50	24	15.91	15.85	15.80		
20	256QAM	50	50	15.86	15.94	15.76		
20	256QAM	100	0	15.81	15.88	15.81		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.92	15.93	15.78	16.9	0
15	QPSK	1	37	15.77	15.88	15.82		
15	QPSK	1	74	15.84	15.87	15.75		
15	QPSK	36	0	15.92	15.85	15.82	16.9	0
15	QPSK	36	20	15.86	15.81	15.67		
15	QPSK	36	39	15.90	15.86	15.75		
15	QPSK	75	0	15.88	15.90	15.78		
15	16QAM	1	0	15.85	15.88	15.78	16.9	0
15	16QAM	1	37	15.83	15.89	15.83		
15	16QAM	1	74	15.74	15.81	15.65		
15	16QAM	36	0	15.78	15.89	15.73	16.9	0
15	16QAM	36	20	15.87	15.81	15.65		
15	16QAM	36	39	15.84	15.74	15.65		
15	16QAM	75	0	15.86	15.92	15.79		
15	64QAM	1	0	15.79	15.78	15.66	16.9	0
15	64QAM	1	37	15.85	15.87	15.77		
15	64QAM	1	74	15.80	15.77	15.74		
15	64QAM	36	0	15.80	15.85	15.67	16.9	0
15	64QAM	36	20	15.79	15.86	15.66		
15	64QAM	36	39	15.73	15.90	15.81		
15	64QAM	75	0	15.86	15.91	15.74		
15	256QAM	1	0	15.84	15.84	15.74	16.9	0
15	256QAM	1	37	15.78	15.73	15.71		
15	256QAM	1	74	15.80	15.82	15.72		
15	256QAM	36	0	15.92	15.85	15.70	16.9	0
15	256QAM	36	20	15.76	15.83	15.67		
15	256QAM	36	39	15.82	15.84	15.75		
15	256QAM	75	0	15.71	15.85	15.79		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.90	15.91	15.89	16.9	0
10	QPSK	1	25	15.79	15.82	15.83		
10	QPSK	1	49	15.81	15.91	15.75		
10	QPSK	25	0	15.93	15.93	15.84	16.9	0
10	QPSK	25	12	15.79	15.84	15.66		
10	QPSK	25	25	15.80	15.87	15.78		
10	QPSK	50	0	15.80	15.90	15.77		
10	16QAM	1	0	15.87	15.80	15.82	16.9	0
10	16QAM	1	25	15.72	15.96	15.84		
10	16QAM	1	49	15.86	15.82	15.67		
10	16QAM	25	0	15.75	15.78	15.70	16.9	0
10	16QAM	25	12	15.82	15.80	15.60		
10	16QAM	25	25	15.79	15.74	15.76		
10	16QAM	50	0	15.84	15.97	15.72		
10	64QAM	1	0	15.77	15.85	15.75	16.9	0
10	64QAM	1	25	15.91	15.85	15.72		
10	64QAM	1	49	15.79	15.78	15.76		
10	64QAM	25	0	15.76	15.75	15.73	16.9	0
10	64QAM	25	12	15.88	15.80	15.67		
10	64QAM	25	25	15.72	15.88	15.75		
10	64QAM	50	0	15.79	15.92	15.73		
10	256QAM	1	0	15.93	15.82	15.75	16.9	0
10	256QAM	1	25	15.88	15.79	15.77		
10	256QAM	1	49	15.76	15.79	15.66		
10	256QAM	25	0	15.82	15.86	15.77	16.9	0
10	256QAM	25	12	15.77	15.74	15.67		
10	256QAM	25	25	15.84	15.93	15.65		
10	256QAM	50	0	15.80	15.75	15.71		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.90	15.94	15.84	16.9	0
5	QPSK	1	12	15.77	15.86	15.83		
5	QPSK	1	24	15.74	15.89	15.70		
5	QPSK	12	0	15.92	15.86	15.77	16.9	0
5	QPSK	12	7	15.80	15.85	15.63		
5	QPSK	12	13	15.84	15.85	15.83		
5	QPSK	25	0	15.84	15.81	15.77		
5	16QAM	1	0	15.86	15.77	15.77	16.9	0
5	16QAM	1	12	15.77	15.88	15.78		
5	16QAM	1	24	15.86	15.78	15.72		
5	16QAM	12	0	15.71	15.83	15.67	16.9	0
5	16QAM	12	7	15.83	15.85	15.63		
5	16QAM	12	13	15.76	15.73	15.76		
5	16QAM	25	0	15.87	15.88	15.80		
5	64QAM	1	0	15.86	15.86	15.73	16.9	0
5	64QAM	1	12	15.91	15.84	15.65		
5	64QAM	1	24	15.82	15.76	15.86		
5	64QAM	12	0	15.87	15.81	15.71	16.9	0
5	64QAM	12	7	15.92	15.73	15.71		
5	64QAM	12	13	15.78	15.86	15.70		
5	64QAM	25	0	15.84	15.93	15.77		
5	256QAM	1	0	15.83	15.75	15.76	16.9	0
5	256QAM	1	12	15.76	15.82	15.80		
5	256QAM	1	24	15.83	15.79	15.62		
5	256QAM	12	0	15.80	15.79	15.79	16.9	0
5	256QAM	12	7	15.79	15.80	15.70		
5	256QAM	12	13	15.84	15.85	15.68		
5	256QAM	25	0	15.71	15.82	15.66		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.84	15.91	15.82	16.9	0
3	QPSK	1	8	15.73	15.90	15.82		
3	QPSK	1	14	15.80	15.90	15.80		
3	QPSK	8	0	15.84	15.83	15.77	16.9	0
3	QPSK	8	4	15.75	15.75	15.71		
3	QPSK	8	7	15.87	15.95	15.70		
3	QPSK	15	0	15.85	15.86	15.84		
3	16QAM	1	0	15.75	15.79	15.74	16.9	0
3	16QAM	1	8	15.81	15.84	15.79		
3	16QAM	1	14	15.81	15.88	15.68		
3	16QAM	8	0	15.74	15.78	15.71	16.9	0
3	16QAM	8	4	15.88	15.77	15.65		
3	16QAM	8	7	15.77	15.87	15.73		
3	16QAM	15	0	15.86	15.97	15.73		
3	64QAM	1	0	15.87	15.80	15.74	16.9	0
3	64QAM	1	8	15.80	15.88	15.73		
3	64QAM	1	14	15.85	15.74	15.80		
3	64QAM	8	0	15.75	15.78	15.71	16.9	0
3	64QAM	8	4	15.89	15.79	15.72		
3	64QAM	8	7	15.74	15.84	15.75		
3	64QAM	15	0	15.79	15.96	15.79		
3	256QAM	1	0	15.92	15.84	15.86	16.9	0
3	256QAM	1	8	15.74	15.81	15.74		
3	256QAM	1	14	15.74	15.81	15.71		
3	256QAM	8	0	15.91	15.91	15.75	16.9	0
3	256QAM	8	4	15.76	15.80	15.73		
3	256QAM	8	7	15.75	15.88	15.69		
3	256QAM	15	0	15.80	15.86	15.77		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.87	15.88	15.87	16.9	0
1.4	QPSK	1	3	15.74	15.88	15.71		
1.4	QPSK	1	5	15.73	15.89	15.74		
1.4	QPSK	3	0	15.82	15.89	15.85		
1.4	QPSK	3	1	15.81	15.80	15.67		
1.4	QPSK	3	3	15.84	15.83	15.74		
1.4	QPSK	6	0	15.75	15.82	15.85	16.9	0
1.4	16QAM	1	0	15.73	15.79	15.75	16.9	0
1.4	16QAM	1	3	15.76	15.98	15.78		
1.4	16QAM	1	5	15.75	15.79	15.69		
1.4	16QAM	3	0	15.70	15.86	15.66		
1.4	16QAM	3	1	15.86	15.72	15.71		
1.4	16QAM	3	3	15.79	15.87	15.70		
1.4	16QAM	6	0	15.87	15.93	15.78	16.9	0
1.4	64QAM	1	0	15.86	15.81	15.66	16.9	0
1.4	64QAM	1	3	15.89	15.83	15.77		
1.4	64QAM	1	5	15.75	15.75	15.78		
1.4	64QAM	3	0	15.77	15.85	15.78		
1.4	64QAM	3	1	15.92	15.86	15.69		
1.4	64QAM	3	3	15.84	15.85	15.80		
1.4	64QAM	6	0	15.81	15.92	15.71	16.9	0
1.4	256QAM	1	0	15.80	15.76	15.73	16.9	0
1.4	256QAM	1	3	15.83	15.76	15.80		
1.4	256QAM	1	5	15.74	15.87	15.70		
1.4	256QAM	3	0	15.92	15.83	15.66		
1.4	256QAM	3	1	15.88	15.78	15.65		
1.4	256QAM	3	3	15.84	15.91	15.75		
1.4	256QAM	6	0	15.69	15.80	15.80	16.9	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.92	18.09	17.95	18.7	0
20	QPSK	1	49	17.84	18.00	17.91		
20	QPSK	1	99	17.73	17.94	17.80		
20	QPSK	50	0	17.89	18.05	17.92	18.7	0
20	QPSK	50	24	17.86	17.95	17.76		
20	QPSK	50	50	17.88	17.85	17.76		
20	QPSK	100	0	17.81	17.85	17.84		
20	16QAM	1	0	17.82	17.89	17.89	18.7	0
20	16QAM	1	49	17.95	17.95	17.81		
20	16QAM	1	99	17.77	17.85	17.85		
20	16QAM	50	0	17.77	17.79	17.68	18.7	0
20	16QAM	50	24	17.66	17.80	17.64		
20	16QAM	50	50	17.90	17.91	17.72		
20	16QAM	100	0	17.98	17.84	17.78		
20	64QAM	1	0	17.88	17.79	17.75	18.7	0
20	64QAM	1	49	17.88	17.78	17.86		
20	64QAM	1	99	17.74	17.74	17.62		
20	64QAM	50	0	17.75	17.81	17.90	18.7	0
20	64QAM	50	24	17.81	17.72	17.69		
20	64QAM	50	50	17.61	17.80	17.62		
20	64QAM	100	0	17.75	17.79	17.83		
20	256QAM	1	0	17.56	17.52	17.50	18.2	0.5
20	256QAM	1	49	17.38	17.49	17.42		
20	256QAM	1	99	17.30	17.45	17.32		
20	256QAM	50	0	17.30	17.41	17.28	18.2	0.5
20	256QAM	50	24	17.35	17.46	17.43		
20	256QAM	50	50	17.43	17.46	17.33		
20	256QAM	100	0	17.27	17.41	17.26		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.78	17.97	17.84	18.7	0
15	QPSK	1	37	17.73	17.95	17.83		
15	QPSK	1	74	17.65	17.87	17.68		
15	QPSK	36	0	17.84	17.99	17.77	18.7	0
15	QPSK	36	20	17.72	17.89	17.66		
15	QPSK	36	39	17.80	17.80	17.63		
15	QPSK	75	0	17.67	17.70	17.72		
15	16QAM	1	0	17.75	17.76	17.83	18.7	0
15	16QAM	1	37	17.86	17.81	17.76		
15	16QAM	1	74	17.70	17.70	17.78		
15	16QAM	36	0	17.70	17.73	17.56	18.7	0
15	16QAM	36	20	17.52	17.66	17.57		
15	16QAM	36	39	17.78	17.77	17.64		
15	16QAM	75	0	17.92	17.69	17.73		
15	64QAM	1	0	17.79	17.69	17.66	18.7	0
15	64QAM	1	37	17.75	17.72	17.75		
15	64QAM	1	74	17.68	17.68	17.55		
15	64QAM	36	0	17.61	17.70	17.79	18.7	0
15	64QAM	36	20	17.67	17.62	17.59		
15	64QAM	36	39	17.48	17.75	17.49		
15	64QAM	75	0	17.66	17.67	17.77		
15	256QAM	1	0	17.51	17.46	17.42	18.2	0.5
15	256QAM	1	37	17.23	17.40	17.37		
15	256QAM	1	74	17.25	17.32	17.22		
15	256QAM	36	0	17.15	17.28	17.16	18.2	0.5
15	256QAM	36	20	17.30	17.33	17.30		
15	256QAM	36	39	17.34	17.38	17.24		
15	256QAM	75	0	17.13	17.33	17.19		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.81	17.99	17.84	18.7	0
10	QPSK	1	25	17.74	17.93	17.76		
10	QPSK	1	49	17.63	17.84	17.66		
10	QPSK	25	0	17.85	17.97	17.81	18.7	0
10	QPSK	25	12	17.74	17.85	17.62		
10	QPSK	25	25	17.75	17.71	17.62		
10	QPSK	50	0	17.75	17.73	17.76		
10	16QAM	1	0	17.72	17.84	17.76	18.7	0
10	16QAM	1	25	17.89	17.82	17.72		
10	16QAM	1	49	17.64	17.76	17.70		
10	16QAM	25	0	17.64	17.69	17.61	18.7	0
10	16QAM	25	12	17.52	17.66	17.55		
10	16QAM	25	25	17.79	17.83	17.57		
10	16QAM	50	0	17.93	17.73	17.68		
10	64QAM	1	0	17.77	17.65	17.69	18.7	0
10	64QAM	1	25	17.76	17.68	17.80		
10	64QAM	1	49	17.63	17.65	17.47		
10	64QAM	25	0	17.68	17.71	17.80	18.7	0
10	64QAM	25	12	17.70	17.60	17.60		
10	64QAM	25	25	17.48	17.65	17.52		
10	64QAM	50	0	17.61	17.71	17.70		
10	256QAM	1	0	17.46	17.42	17.43	18.2	0.5
10	256QAM	1	25	17.24	17.36	17.35		
10	256QAM	1	49	17.24	17.36	17.25		
10	256QAM	25	0	17.15	17.32	17.16	18.2	0.5
10	256QAM	25	12	17.24	17.41	17.34		
10	256QAM	25	25	17.34	17.36	17.20		
10	256QAM	50	0	17.21	17.31	17.21		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.77	18.00	17.82	18.7	0
5	QPSK	1	12	17.74	17.87	17.82		
5	QPSK	1	24	17.68	17.87	17.72		
5	QPSK	12	0	17.82	17.90	17.83	18.7	0
5	QPSK	12	7	17.76	17.83	17.67		
5	QPSK	12	13	17.74	17.72	17.69		
5	QPSK	25	0	17.76	17.71	17.73		
5	16QAM	1	0	17.74	17.74	17.75	18.7	0
5	16QAM	1	12	17.88	17.88	17.74		
5	16QAM	1	24	17.68	17.72	17.78		
5	16QAM	12	0	17.72	17.66	17.55	18.7	0
5	16QAM	12	7	17.51	17.70	17.51		
5	16QAM	12	13	17.82	17.85	17.59		
5	16QAM	25	0	17.85	17.74	17.69		
5	64QAM	1	0	17.73	17.65	17.65	18.7	0
5	64QAM	1	12	17.80	17.68	17.72		
5	64QAM	1	24	17.62	17.68	17.51		
5	64QAM	12	0	17.63	17.69	17.80	18.7	0
5	64QAM	12	7	17.66	17.65	17.64		
5	64QAM	12	13	17.54	17.68	17.47		
5	64QAM	25	0	17.61	17.64	17.70		
5	256QAM	1	0	17.47	17.44	17.42	18.2	0.5
5	256QAM	1	12	17.33	17.43	17.27		
5	256QAM	1	24	17.20	17.32	17.21		
5	256QAM	12	0	17.25	17.31	17.20	18.2	0.5
5	256QAM	12	7	17.30	17.32	17.31		
5	256QAM	12	13	17.28	17.40	17.24		
5	256QAM	25	0	17.14	17.31	17.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.82	17.98	17.82	18.7	0
3	QPSK	1	8	17.78	17.85	17.83		
3	QPSK	1	14	17.63	17.83	17.68		
3	QPSK	8	0	17.81	17.97	17.85	18.7	0
3	QPSK	8	4	17.71	17.90	17.68		
3	QPSK	8	7	17.78	17.73	17.67		
3	QPSK	15	0	17.73	17.79	17.74		
3	16QAM	1	0	17.68	17.74	17.83	18.7	0
3	16QAM	1	8	17.89	17.90	17.73		
3	16QAM	1	14	17.63	17.79	17.80		
3	16QAM	8	0	17.71	17.67	17.53	18.7	0
3	16QAM	8	4	17.59	17.75	17.49		
3	16QAM	8	7	17.76	17.84	17.58		
3	16QAM	15	0	17.89	17.69	17.64		
3	64QAM	1	0	17.77	17.70	17.66	18.7	0
3	64QAM	1	8	17.75	17.64	17.77		
3	64QAM	1	14	17.64	17.67	17.51		
3	64QAM	8	0	17.63	17.68	17.83	18.7	0
3	64QAM	8	4	17.66	17.57	17.54		
3	64QAM	8	7	17.47	17.67	17.57		
3	64QAM	15	0	17.66	17.65	17.78		
3	256QAM	1	0	17.51	17.37	17.38	18.2	0.5
3	256QAM	1	8	17.23	17.43	17.36		
3	256QAM	1	14	17.22	17.31	17.20		
3	256QAM	8	0	17.22	17.29	17.21	18.2	0.5
3	256QAM	8	4	17.24	17.41	17.36		
3	256QAM	8	7	17.38	17.35	17.28		
3	256QAM	15	0	17.17	17.27	17.12		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.72	18.04	17.80	18.7	0
1.4	QPSK	1	3	17.77	17.90	17.76		
1.4	QPSK	1	5	17.66	17.87	17.71		
1.4	QPSK	3	0	17.82	18.00	17.87		
1.4	QPSK	3	1	17.78	17.82	17.66		
1.4	QPSK	3	3	17.76	17.76	17.68		
1.4	QPSK	6	0	17.73	17.77	17.72	18.7	0
1.4	16QAM	1	0	17.69	17.78	17.81	18.7	0
1.4	16QAM	1	3	17.81	17.84	17.67		
1.4	16QAM	1	5	17.63	17.70	17.73		
1.4	16QAM	3	0	17.64	17.67	17.55		
1.4	16QAM	3	1	17.59	17.69	17.59		
1.4	16QAM	3	3	17.78	17.78	17.57		
1.4	16QAM	6	0	17.85	17.75	17.64	18.7	0
1.4	64QAM	1	0	17.79	17.67	17.67	18.7	0
1.4	64QAM	1	3	17.73	17.66	17.80		
1.4	64QAM	1	5	17.62	17.66	17.48		
1.4	64QAM	3	0	17.61	17.66	17.81		
1.4	64QAM	3	1	17.70	17.66	17.62		
1.4	64QAM	3	3	17.56	17.70	17.54		
1.4	64QAM	6	0	17.61	17.68	17.78	18.7	0
1.4	256QAM	1	0	17.49	17.37	17.41	18.2	0.5
1.4	256QAM	1	3	17.29	17.35	17.33		
1.4	256QAM	1	5	17.16	17.37	17.21		
1.4	256QAM	3	0	17.19	17.32	17.13		
1.4	256QAM	3	1	17.29	17.35	17.34		
1.4	256QAM	3	3	17.34	17.33	17.21		
1.4	256QAM	6	0	17.15	17.30	17.21	18.2	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	13.98	14.06	13.96	15.4	0
20	QPSK	1	49	13.94	13.83	13.81		
20	QPSK	1	99	13.84	13.93	13.94		
20	QPSK	50	0	13.91	13.95	13.82	15.4	0
20	QPSK	50	24	13.85	13.86	13.76		
20	QPSK	50	50	13.80	13.84	13.81		
20	QPSK	100	0	13.74	13.94	13.79		
20	16QAM	1	0	13.75	13.78	13.80	15.4	0
20	16QAM	1	49	13.80	13.85	13.65		
20	16QAM	1	99	13.77	13.99	13.76		
20	16QAM	50	0	13.81	13.68	13.68	15.4	0
20	16QAM	50	24	13.81	13.94	13.62		
20	16QAM	50	50	13.79	13.81	13.90		
20	16QAM	100	0	13.76	13.79	13.78		
20	64QAM	1	0	13.70	13.78	13.59	15.4	0
20	64QAM	1	49	13.70	13.77	13.65		
20	64QAM	1	99	13.67	13.55	13.61		
20	64QAM	50	0	13.82	13.89	13.81	15.4	0
20	64QAM	50	24	13.83	13.73	13.75		
20	64QAM	50	50	13.87	13.86	13.63		
20	64QAM	100	0	13.97	13.90	13.93		
20	256QAM	1	0	13.78	13.83	13.70	15.4	0
20	256QAM	1	49	13.62	13.78	13.61		
20	256QAM	1	99	13.61	13.58	13.63		
20	256QAM	50	0	13.62	13.74	13.75	15.4	0
20	256QAM	50	24	13.52	13.84	13.66		
20	256QAM	50	50	13.67	13.75	13.62		
20	256QAM	100	0	13.60	13.81	13.45		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.93	13.94	13.87	15.4	0
15	QPSK	1	37	13.86	13.76	13.70		
15	QPSK	1	74	13.78	13.78	13.80		
15	QPSK	36	0	13.83	13.88	13.69	15.4	0
15	QPSK	36	20	13.78	13.78	13.68		
15	QPSK	36	39	13.74	13.70	13.72		
15	QPSK	75	0	13.60	13.87	13.73		
15	16QAM	1	0	13.69	13.65	13.68	15.4	0
15	16QAM	1	37	13.71	13.73	13.55		
15	16QAM	1	74	13.68	13.92	13.71		
15	16QAM	36	0	13.68	13.59	13.59	15.4	0
15	16QAM	36	20	13.75	13.89	13.51		
15	16QAM	36	39	13.73	13.74	13.83		
15	16QAM	75	0	13.64	13.71	13.71		
15	64QAM	1	0	13.61	13.67	13.53	15.4	0
15	64QAM	1	37	13.63	13.72	13.60		
15	64QAM	1	74	13.60	13.45	13.55		
15	64QAM	36	0	13.74	13.81	13.67	15.4	0
15	64QAM	36	20	13.70	13.67	13.65		
15	64QAM	36	39	13.79	13.81	13.48		
15	64QAM	75	0	13.92	13.83	13.83		
15	256QAM	1	0	13.66	13.75	13.61	15.4	0
15	256QAM	1	37	13.49	13.63	13.51		
15	256QAM	1	74	13.55	13.46	13.50		
15	256QAM	36	0	13.55	13.67	13.62	15.4	0
15	256QAM	36	20	13.45	13.78	13.61		
15	256QAM	36	39	13.55	13.70	13.57		
15	256QAM	75	0	13.46	13.66	13.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.88	13.91	13.83	15.4	0
10	QPSK	1	25	13.79	13.72	13.71		
10	QPSK	1	49	13.75	13.88	13.84		
10	QPSK	25	0	13.78	13.87	13.75	15.4	0
10	QPSK	25	12	13.77	13.79	13.63		
10	QPSK	25	25	13.69	13.76	13.71		
10	QPSK	50	0	13.68	13.86	13.67		
10	16QAM	1	0	13.70	13.63	13.74	15.4	0
10	16QAM	1	25	13.65	13.77	13.57		
10	16QAM	1	49	13.65	13.89	13.71		
10	16QAM	25	0	13.72	13.63	13.56	15.4	0
10	16QAM	25	12	13.67	13.86	13.53		
10	16QAM	25	25	13.72	13.66	13.81		
10	16QAM	50	0	13.61	13.74	13.66		
10	64QAM	1	0	13.57	13.73	13.49	15.4	0
10	64QAM	1	25	13.61	13.68	13.54		
10	64QAM	1	49	13.57	13.45	13.46		
10	64QAM	25	0	13.75	13.80	13.72	15.4	0
10	64QAM	25	12	13.69	13.64	13.62		
10	64QAM	25	25	13.77	13.74	13.50		
10	64QAM	50	0	13.86	13.75	13.85		
10	256QAM	1	0	13.71	13.76	13.60	15.4	0
10	256QAM	1	25	13.56	13.70	13.48		
10	256QAM	1	49	13.56	13.50	13.54		
10	256QAM	25	0	13.49	13.69	13.64	15.4	0
10	256QAM	25	12	13.37	13.75	13.60		
10	256QAM	25	25	13.62	13.68	13.50		
10	256QAM	50	0	13.46	13.72	13.32		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.85	13.93	13.81	15.4	0
5	QPSK	1	12	13.84	13.77	13.69		
5	QPSK	1	24	13.71	13.84	13.87		
5	QPSK	12	0	13.81	13.81	13.71	15.4	0
5	QPSK	12	7	13.72	13.76	13.70		
5	QPSK	12	13	13.68	13.69	13.72		
5	QPSK	25	0	13.59	13.89	13.71		
5	16QAM	1	0	13.62	13.63	13.69	15.4	0
5	16QAM	1	12	13.72	13.70	13.59		
5	16QAM	1	24	13.69	13.90	13.62		
5	16QAM	12	0	13.69	13.53	13.63	15.4	0
5	16QAM	12	7	13.67	13.86	13.54		
5	16QAM	12	13	13.73	13.70	13.77		
5	16QAM	25	0	13.68	13.66	13.73		
5	64QAM	1	0	13.60	13.72	13.50	15.4	0
5	64QAM	1	12	13.62	13.70	13.55		
5	64QAM	1	24	13.61	13.43	13.50		
5	64QAM	12	0	13.69	13.80	13.73	15.4	0
5	64QAM	12	7	13.73	13.60	13.61		
5	64QAM	12	13	13.79	13.81	13.58		
5	64QAM	25	0	13.91	13.85	13.79		
5	256QAM	1	0	13.69	13.72	13.62	15.4	0
5	256QAM	1	12	13.49	13.72	13.52		
5	256QAM	1	24	13.50	13.45	13.48		
5	256QAM	12	0	13.51	13.68	13.68	15.4	0
5	256QAM	12	7	13.37	13.74	13.56		
5	256QAM	12	13	13.56	13.65	13.50		
5	256QAM	25	0	13.46	13.72	13.36		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.90	13.96	13.88	15.4	0
3	QPSK	1	8	13.79	13.69	13.72		
3	QPSK	1	14	13.73	13.85	13.85		
3	QPSK	8	0	13.79	13.83	13.74	15.4	0
3	QPSK	8	4	13.78	13.81	13.70		
3	QPSK	8	7	13.70	13.70	13.73		
3	QPSK	15	0	13.59	13.82	13.72		
3	16QAM	1	0	13.70	13.67	13.72	15.4	0
3	16QAM	1	8	13.73	13.70	13.57		
3	16QAM	1	14	13.63	13.90	13.67		
3	16QAM	8	0	13.73	13.53	13.54	15.4	0
3	16QAM	8	4	13.73	13.89	13.49		
3	16QAM	8	7	13.69	13.73	13.83		
3	16QAM	15	0	13.66	13.73	13.67		
3	64QAM	1	0	13.65	13.72	13.51	15.4	0
3	64QAM	1	8	13.58	13.66	13.57		
3	64QAM	1	14	13.56	13.48	13.54		
3	64QAM	8	0	13.72	13.82	13.70	15.4	0
3	64QAM	8	4	13.76	13.58	13.62		
3	64QAM	8	7	13.77	13.74	13.57		
3	64QAM	15	0	13.88	13.76	13.81		
3	256QAM	1	0	13.66	13.68	13.65	15.4	0
3	256QAM	1	8	13.50	13.67	13.56		
3	256QAM	1	14	13.49	13.45	13.48		
3	256QAM	8	0	13.52	13.63	13.69	15.4	0
3	256QAM	8	4	13.45	13.78	13.57		
3	256QAM	8	7	13.61	13.65	13.55		
3	256QAM	15	0	13.46	13.68	13.36		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.93	13.92	13.82	15.4	0
1.4	QPSK	1	3	13.86	13.77	13.69		
1.4	QPSK	1	5	13.72	13.82	13.84		
1.4	QPSK	3	0	13.84	13.90	13.70		
1.4	QPSK	3	1	13.76	13.76	13.67		
1.4	QPSK	3	3	13.70	13.76	13.67		
1.4	QPSK	6	0	13.65	13.83	13.74	15.4	0
1.4	16QAM	1	0	13.69	13.64	13.65	15.4	0
1.4	16QAM	1	3	13.72	13.76	13.57		
1.4	16QAM	1	5	13.66	13.92	13.67		
1.4	16QAM	3	0	13.66	13.62	13.56		
1.4	16QAM	3	1	13.73	13.85	13.55		
1.4	16QAM	3	3	13.68	13.70	13.81		
1.4	16QAM	6	0	13.69	13.69	13.72	15.4	0
1.4	64QAM	1	0	13.64	13.67	13.52	15.4	0
1.4	64QAM	1	3	13.64	13.65	13.50		
1.4	64QAM	1	5	13.62	13.43	13.49		
1.4	64QAM	3	0	13.68	13.80	13.69		
1.4	64QAM	3	1	13.72	13.65	13.66		
1.4	64QAM	3	3	13.77	13.80	13.56		
1.4	64QAM	6	0	13.90	13.83	13.78	15.4	0
1.4	256QAM	1	0	13.63	13.69	13.64	15.4	0
1.4	256QAM	1	3	13.50	13.67	13.48		
1.4	256QAM	1	5	13.47	13.48	13.52		
1.4	256QAM	3	0	13.51	13.66	13.64		
1.4	256QAM	3	1	13.40	13.71	13.60		
1.4	256QAM	3	3	13.59	13.62	13.55		
1.4	256QAM	6	0	13.45	13.67	13.30	15.4	0

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BW [MHz]	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	24.12	24.22	24.18	25	0
20	QPSK	1	49	24.09	24.16	24.13		
20	QPSK	1	99	24.08	24.09	24.03		
20	QPSK	50	0	23.65	23.76	23.66	24.5	0.5
20	QPSK	50	24	23.61	23.64	23.62		
20	QPSK	50	50	23.60	23.61	23.64		
20	QPSK	100	0	23.57	23.67	23.65		
20	16QAM	1	0	24.11	23.85	24.00	24.5	0.5
20	16QAM	1	49	24.03	24.18	23.96		
20	16QAM	1	99	24.08	23.70	24.02		
20	16QAM	50	0	23.06	23.22	23.19	24	1
20	16QAM	50	24	23.10	23.16	23.18		
20	16QAM	50	50	23.05	23.12	23.18		
20	16QAM	100	0	23.04	23.15	23.10		
20	64QAM	1	0	22.83	22.92	22.67	24	1
20	64QAM	1	49	22.79	23.02	22.63		
20	64QAM	1	99	22.81	22.89	22.73		
20	64QAM	50	0	22.03	22.25	22.19	23	2
20	64QAM	50	24	22.08	22.13	22.19		
20	64QAM	50	50	22.03	22.11	22.10		
20	64QAM	100	0	22.04	22.11	22.09		
20	256QAM	1	0	18.31	18.40	18.32	20	5
20	256QAM	1	49	18.32	18.39	18.28		
20	256QAM	1	99	18.24	18.27	18.12		
20	256QAM	50	0	18.33	18.39	18.33	20	5
20	256QAM	50	24	18.14	18.25	18.23		
20	256QAM	50	50	18.18	18.29	18.27		
20	256QAM	100	0	18.19	18.29	18.28		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.04	24.15	24.06	25	0
15	QPSK	1	37	24.00	24.11	24.07		
15	QPSK	1	74	24.00	24.01	23.92		
15	QPSK	36	0	23.63	23.73	23.61	24.5	0.5
15	QPSK	36	20	23.59	23.61	23.48		
15	QPSK	36	39	23.54	23.49	23.56		
15	QPSK	75	0	23.44	23.55	23.62		
15	16QAM	1	0	24.10	23.75	23.94	24.5	0.5
15	16QAM	1	37	23.95	24.12	23.85		
15	16QAM	1	74	23.93	23.67	23.98		
15	16QAM	36	0	22.91	23.21	23.04	24	1
15	16QAM	36	20	23.03	23.15	23.16		
15	16QAM	36	39	23.02	23.07	23.12		
15	16QAM	75	0	22.95	23.10	23.05		
15	64QAM	1	0	22.78	22.91	22.65	24	1
15	64QAM	1	37	22.75	22.93	22.59		
15	64QAM	1	74	22.80	22.75	22.61		
15	64QAM	36	0	21.96	22.14	22.17	23	2
15	64QAM	36	20	21.98	22.09	22.17		
15	64QAM	36	39	21.96	22.07	22.04		
15	64QAM	75	0	21.95	21.97	22.04		
15	256QAM	1	0	18.27	18.38	18.17	20	5
15	256QAM	1	37	18.26	18.28	18.13		
15	256QAM	1	74	18.11	18.23	18.16		
15	256QAM	36	0	18.22	18.36	18.27	20	5
15	256QAM	36	20	18.07	18.22	18.10		
15	256QAM	36	39	18.16	18.20	18.22		
15	256QAM	75	0	18.08	18.22	18.20		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.98	24.12	24.01	25	0
10	QPSK	1	25	24.03	24.19	24.04		
10	QPSK	1	49	24.05	24.06	23.99		
10	QPSK	25	0	23.54	23.61	23.64	24.5	0.5
10	QPSK	25	12	23.47	23.60	23.49		
10	QPSK	25	25	23.54	23.54	23.49		
10	QPSK	50	0	23.46	23.62	23.55		
10	16QAM	1	0	24.05	23.84	23.94	24.5	0.5
10	16QAM	1	25	23.88	24.09	23.81		
10	16QAM	1	49	23.93	23.66	23.93		
10	16QAM	25	0	22.96	23.16	23.05	24	1
10	16QAM	25	12	22.97	23.13	23.07		
10	16QAM	25	25	22.96	23.03	23.03		
10	16QAM	50	0	22.97	23.04	23.06		
10	64QAM	1	0	22.73	22.88	22.55	24	1
10	64QAM	1	25	22.78	22.90	22.52		
10	64QAM	1	49	22.70	22.83	22.72		
10	64QAM	25	0	21.92	22.18	22.07	23	2
10	64QAM	25	12	21.96	22.06	22.07		
10	64QAM	25	25	21.94	22.10	21.96		
10	64QAM	50	0	22.02	21.97	21.96		
10	256QAM	1	0	18.28	18.29	18.22	20	5
10	256QAM	1	25	18.22	18.24	18.24		
10	256QAM	1	49	18.09	18.21	18.08		
10	256QAM	25	0	18.23	18.29	18.25	20	5
10	256QAM	25	12	18.06	18.14	18.14		
10	256QAM	25	25	18.12	18.19	18.22		
10	256QAM	50	0	18.18	18.19	18.26		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.02	24.09	24.12	25	0
5	QPSK	1	12	24.09	24.07	24.03		
5	QPSK	1	24	24.01	24.08	24.00		
5	QPSK	12	0	23.54	23.61	23.58	24.5	0.5
5	QPSK	12	7	23.54	23.57	23.53		
5	QPSK	12	13	23.45	23.60	23.52		
5	QPSK	25	0	23.43	23.54	23.53		
5	16QAM	1	0	24.08	23.79	23.88	24.5	0.5
5	16QAM	1	12	23.88	24.06	23.82		
5	16QAM	1	24	24.04	23.66	23.95		
5	16QAM	12	0	22.92	23.20	23.07	24	1
5	16QAM	12	7	23.07	23.15	23.14		
5	16QAM	12	13	22.93	23.01	23.15		
5	16QAM	25	0	22.94	23.06	23.07		
5	64QAM	1	0	22.80	22.85	22.65	24	1
5	64QAM	1	12	22.69	22.90	22.52		
5	64QAM	1	24	22.72	22.77	22.65		
5	64QAM	12	0	21.98	22.22	22.12	23	2
5	64QAM	12	7	22.03	22.12	22.10		
5	64QAM	12	13	21.98	22.03	22.05		
5	64QAM	25	0	21.95	22.02	22.00		
5	256QAM	1	0	18.29	18.30	18.22	20	5
5	256QAM	1	12	18.30	18.30	18.22		
5	256QAM	1	24	18.18	18.23	18.07		
5	256QAM	12	0	18.27	18.35	18.20	20	5
5	256QAM	12	7	18.09	18.16	18.13		
5	256QAM	12	13	18.17	18.22	18.15		
5	256QAM	25	0	18.18	18.15	18.24		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.07	24.03	23.98	25	0
3	QPSK	1	8	24.06	24.20	24.15		
3	QPSK	1	14	23.98	24.04	23.92		
3	QPSK	8	0	23.63	23.64	23.56	24.5	0.5
3	QPSK	8	4	23.59	23.60	23.60		
3	QPSK	8	7	23.50	23.59	23.52		
3	QPSK	15	0	23.47	23.63	23.57		
3	16QAM	1	0	24.02	23.74	23.91	24.5	0.5
3	16QAM	1	8	23.98	24.13	23.86		
3	16QAM	1	14	23.97	23.69	23.89		
3	16QAM	8	0	22.95	23.10	23.07	24	1
3	16QAM	8	4	22.98	23.07	23.04		
3	16QAM	8	7	23.02	23.04	23.08		
3	16QAM	15	0	22.95	23.00	22.99		
3	64QAM	1	0	22.70	22.91	22.57	24	1
3	64QAM	1	8	22.78	22.96	22.48		
3	64QAM	1	14	22.70	22.86	22.64		
3	64QAM	8	0	21.96	22.22	22.13	23	2
3	64QAM	8	4	22.00	22.04	22.13		
3	64QAM	8	7	21.90	22.01	22.08		
3	64QAM	15	0	21.93	22.10	22.04		
3	256QAM	1	0	18.23	18.25	18.30	20	5
3	256QAM	1	8	18.28	18.29	18.23		
3	256QAM	1	14	18.21	18.17	18.05		
3	256QAM	8	0	18.18	18.33	18.32	20	5
3	256QAM	8	4	18.10	18.16	18.09		
3	256QAM	8	7	18.05	18.22	18.23		
3	256QAM	15	0	18.16	18.22	18.21		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.07	24.02	24.04	25	0
1.4	QPSK	1	3	24.05	24.12	24.03		
1.4	QPSK	1	5	24.05	24.06	23.96		
1.4	QPSK	3	0	23.94	24.15	24.01		
1.4	QPSK	3	1	23.98	24.11	24.12		
1.4	QPSK	3	3	24.00	23.95	24.02		
1.4	QPSK	6	0	23.50	23.58	23.54	24.5	0.5
1.4	16QAM	1	0	24.09	23.80	23.90	24.5	0.5
1.4	16QAM	1	3	23.98	24.12	23.82		
1.4	16QAM	1	5	24.04	23.69	23.91		
1.4	16QAM	3	0	24.06	23.84	23.97		
1.4	16QAM	3	1	24.02	24.04	23.87		
1.4	16QAM	3	3	23.94	23.66	24.01		
1.4	16QAM	6	0	22.91	23.05	23.07	24	1
1.4	64QAM	1	0	22.75	22.85	22.58	24	1
1.4	64QAM	1	3	22.78	22.87	22.53		
1.4	64QAM	1	5	22.75	22.82	22.61		
1.4	64QAM	3	0	22.75	22.80	22.58		
1.4	64QAM	3	1	22.70	23.00	22.53		
1.4	64QAM	3	3	22.76	22.88	22.72		
1.4	64QAM	6	0	22.02	22.06	22.02	23	2
1.4	256QAM	1	0	18.29	18.28	18.30	20	5
1.4	256QAM	1	3	18.28	18.29	18.19		
1.4	256QAM	1	5	18.16	18.21	18.01		
1.4	256QAM	3	0	18.31	18.27	18.20		
1.4	256QAM	3	1	18.01	18.12	18.15		
1.4	256QAM	3	3	18.09	18.23	18.19		
1.4	256QAM	6	0	18.12	18.27	18.13	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	15.72	15.80	15.75	16.6	0
20	QPSK	1	49	15.60	15.75	15.64		
20	QPSK	1	99	15.58	15.79	15.65		
20	QPSK	50	0	15.69	15.79	15.73	16.6	0
20	QPSK	50	24	15.59	15.76	15.68		
20	QPSK	50	50	15.68	15.69	15.72		
20	QPSK	100	0	15.67	15.72	15.66		
20	16QAM	1	0	15.62	15.72	15.60	16.6	0
20	16QAM	1	49	15.64	15.73	15.70		
20	16QAM	1	99	15.61	15.79	15.70		
20	16QAM	50	0	15.69	15.78	15.65	16.6	0
20	16QAM	50	24	15.60	15.73	15.60		
20	16QAM	50	50	15.61	15.71	15.61		
20	16QAM	100	0	15.60	15.68	15.68		
20	64QAM	1	0	15.63	15.66	15.74	16.6	0
20	64QAM	1	49	15.62	15.66	15.68		
20	64QAM	1	99	15.66	15.67	15.66		
20	64QAM	50	0	15.60	15.70	15.61	16.6	0
20	64QAM	50	24	15.58	15.78	15.71		
20	64QAM	50	50	15.61	15.67	15.74		
20	64QAM	100	0	15.68	15.75	15.69		
20	256QAM	1	0	15.67	15.72	15.67	16.6	0
20	256QAM	1	49	15.69	15.75	15.74		
20	256QAM	1	99	15.57	15.75	15.73		
20	256QAM	50	0	15.62	15.67	15.61	16.6	0
20	256QAM	50	24	15.60	15.77	15.74		
20	256QAM	50	50	15.67	15.68	15.74		
20	256QAM	100	0	15.65	15.74	15.73		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.71	15.65	15.66	16.6	0
15	QPSK	1	37	15.51	15.67	15.63		
15	QPSK	1	74	15.46	15.67	15.58		
15	QPSK	36	0	15.54	15.67	15.60	16.6	0
15	QPSK	36	20	15.58	15.63	15.54		
15	QPSK	36	39	15.65	15.57	15.70		
15	QPSK	75	0	15.62	15.63	15.57		
15	16QAM	1	0	15.53	15.57	15.55	16.6	0
15	16QAM	1	37	15.60	15.61	15.58		
15	16QAM	1	74	15.55	15.77	15.66		
15	16QAM	36	0	15.63	15.63	15.50	16.6	0
15	16QAM	36	20	15.45	15.63	15.52		
15	16QAM	36	39	15.56	15.62	15.58		
15	16QAM	75	0	15.45	15.60	15.60		
15	64QAM	1	0	15.51	15.55	15.68	16.6	0
15	64QAM	1	37	15.49	15.52	15.67		
15	64QAM	1	74	15.53	15.59	15.57		
15	64QAM	36	0	15.48	15.64	15.56	16.6	0
15	64QAM	36	20	15.56	15.73	15.66		
15	64QAM	36	39	15.59	15.66	15.59		
15	64QAM	75	0	15.53	15.74	15.55		
15	256QAM	1	0	15.60	15.67	15.61	16.6	0
15	256QAM	1	37	15.64	15.67	15.71		
15	256QAM	1	74	15.55	15.61	15.69		
15	256QAM	36	0	15.59	15.56	15.54	16.6	0
15	256QAM	36	20	15.46	15.66	15.67		
15	256QAM	36	39	15.52	15.67	15.72		
15	256QAM	75	0	15.59	15.69	15.70		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.69	15.78	15.60	16.6	0
10	QPSK	1	25	15.46	15.67	15.57		
10	QPSK	1	49	15.47	15.64	15.58		
10	QPSK	25	0	15.65	15.68	15.64	16.6	0
10	QPSK	25	12	15.54	15.70	15.66		
10	QPSK	25	25	15.57	15.67	15.63		
10	QPSK	50	0	15.56	15.64	15.62		
10	16QAM	1	0	15.58	15.61	15.53	16.6	0
10	16QAM	1	25	15.52	15.71	15.61		
10	16QAM	1	49	15.57	15.70	15.68		
10	16QAM	25	0	15.65	15.68	15.60	16.6	0
10	16QAM	25	12	15.47	15.72	15.46		
10	16QAM	25	25	15.53	15.64	15.55		
10	16QAM	50	0	15.58	15.66	15.67		
10	64QAM	1	0	15.61	15.54	15.71	16.6	0
10	64QAM	1	25	15.59	15.58	15.55		
10	64QAM	1	49	15.58	15.64	15.55		
10	64QAM	25	0	15.52	15.64	15.54	16.6	0
10	64QAM	25	12	15.57	15.71	15.61		
10	64QAM	25	25	15.59	15.63	15.61		
10	64QAM	50	0	15.55	15.67	15.59		
10	256QAM	1	0	15.60	15.71	15.66	16.6	0
10	256QAM	1	25	15.60	15.65	15.60		
10	256QAM	1	49	15.55	15.70	15.68		
10	256QAM	25	0	15.49	15.54	15.58	16.6	0
10	256QAM	25	12	15.48	15.69	15.60		
10	256QAM	25	25	15.66	15.63	15.70		
10	256QAM	50	0	15.51	15.73	15.61		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.68	15.65	15.71	16.6	0
5	QPSK	1	12	15.53	15.74	15.57		
5	QPSK	1	24	15.54	15.67	15.51		
5	QPSK	12	0	15.65	15.65	15.60	16.6	0
5	QPSK	12	7	15.52	15.63	15.55		
5	QPSK	12	13	15.65	15.65	15.66		
5	QPSK	25	0	15.62	15.64	15.55		
5	16QAM	1	0	15.55	15.69	15.49	16.6	0
5	16QAM	1	12	15.53	15.63	15.69		
5	16QAM	1	24	15.53	15.78	15.55		
5	16QAM	12	0	15.55	15.67	15.50	16.6	0
5	16QAM	12	7	15.46	15.68	15.55		
5	16QAM	12	13	15.55	15.66	15.60		
5	16QAM	25	0	15.54	15.66	15.65		
5	64QAM	1	0	15.57	15.61	15.70	16.6	0
5	64QAM	1	12	15.61	15.65	15.65		
5	64QAM	1	24	15.58	15.52	15.53		
5	64QAM	12	0	15.56	15.65	15.48	16.6	0
5	64QAM	12	7	15.48	15.67	15.63		
5	64QAM	12	13	15.56	15.61	15.66		
5	64QAM	25	0	15.64	15.74	15.54		
5	256QAM	1	0	15.61	15.66	15.52	16.6	0
5	256QAM	1	12	15.65	15.67	15.71		
5	256QAM	1	24	15.52	15.69	15.70		
5	256QAM	12	0	15.55	15.54	15.46	16.6	0
5	256QAM	12	7	15.49	15.74	15.72		
5	256QAM	12	13	15.62	15.66	15.60		
5	256QAM	25	0	15.54	15.73	15.63		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.62	15.72	15.72	16.6	0
3	QPSK	1	8	15.46	15.60	15.53		
3	QPSK	1	14	15.48	15.68	15.61		
3	QPSK	8	0	15.54	15.65	15.66	16.6	0
3	QPSK	8	4	15.49	15.66	15.61		
3	QPSK	8	7	15.64	15.56	15.61		
3	QPSK	15	0	15.65	15.62	15.55		
3	16QAM	1	0	15.58	15.59	15.47	16.6	0
3	16QAM	1	8	15.55	15.68	15.69		
3	16QAM	1	14	15.50	15.73	15.62		
3	16QAM	8	0	15.64	15.73	15.61	16.6	0
3	16QAM	8	4	15.48	15.59	15.49		
3	16QAM	8	7	15.60	15.61	15.60		
3	16QAM	15	0	15.59	15.60	15.67		
3	64QAM	1	0	15.56	15.54	15.60	16.6	0
3	64QAM	1	8	15.48	15.64	15.65		
3	64QAM	1	14	15.62	15.65	15.63		
3	64QAM	8	0	15.52	15.68	15.57	16.6	0
3	64QAM	8	4	15.54	15.71	15.66		
3	64QAM	8	7	15.59	15.56	15.71		
3	64QAM	15	0	15.60	15.71	15.61		
3	256QAM	1	0	15.65	15.59	15.58	16.6	0
3	256QAM	1	8	15.64	15.73	15.63		
3	256QAM	1	14	15.43	15.63	15.69		
3	256QAM	8	0	15.47	15.57	15.55	16.6	0
3	256QAM	8	4	15.47	15.62	15.61		
3	256QAM	8	7	15.59	15.62	15.72		
3	256QAM	15	0	15.63	15.64	15.65		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.59	15.75	15.69	16.6	0
1.4	QPSK	1	3	15.58	15.65	15.51		
1.4	QPSK	1	5	15.47	15.70	15.60		
1.4	QPSK	3	0	15.55	15.69	15.65		
1.4	QPSK	3	1	15.50	15.65	15.53		
1.4	QPSK	3	3	15.64	15.55	15.68		
1.4	QPSK	6	0	15.52	15.64	15.63	16.6	0
1.4	16QAM	1	0	15.51	15.65	15.58	16.6	0
1.4	16QAM	1	3	15.54	15.63	15.60		
1.4	16QAM	1	5	15.60	15.74	15.63		
1.4	16QAM	3	0	15.65	15.76	15.57		
1.4	16QAM	3	1	15.46	15.69	15.48		
1.4	16QAM	3	3	15.47	15.68	15.52		
1.4	16QAM	6	0	15.54	15.62	15.54	16.6	0
1.4	64QAM	1	0	15.54	15.53	15.66	16.6	0
1.4	64QAM	1	3	15.55	15.65	15.67		
1.4	64QAM	1	5	15.58	15.55	15.58		
1.4	64QAM	3	0	15.53	15.67	15.56		
1.4	64QAM	3	1	15.43	15.67	15.70		
1.4	64QAM	3	3	15.55	15.57	15.64		
1.4	64QAM	6	0	15.67	15.64	15.58	16.6	0
1.4	256QAM	1	0	15.59	15.58	15.64	16.6	0
1.4	256QAM	1	3	15.58	15.69	15.68		
1.4	256QAM	1	5	15.47	15.73	15.61		
1.4	256QAM	3	0	15.56	15.64	15.54		
1.4	256QAM	3	1	15.55	15.76	15.60		
1.4	256QAM	3	3	15.63	15.61	15.67		
1.4	256QAM	6	0	15.58	15.65	15.70	16.6	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.19	20.30	20.22	21	0
20	QPSK	1	49	20.10	20.18	20.15		
20	QPSK	1	99	20.16	20.24	20.17		
20	QPSK	50	0	20.18	20.28	20.19	21	0
20	QPSK	50	24	20.17	20.22	20.13		
20	QPSK	50	50	20.15	20.19	20.15		
20	QPSK	100	0	20.18	20.25	20.15		
20	16QAM	1	0	20.18	20.23	20.13	21	0
20	16QAM	1	49	20.11	20.19	20.20		
20	16QAM	1	99	20.14	20.23	20.09		
20	16QAM	50	0	20.18	20.27	20.20	21	0
20	16QAM	50	24	20.12	20.25	20.09		
20	16QAM	50	50	20.08	20.26	20.18		
20	16QAM	100	0	20.04	20.16	20.16		
20	64QAM	1	0	20.06	20.17	20.12	21	0
20	64QAM	1	49	20.11	20.22	20.12		
20	64QAM	1	99	20.13	20.22	20.09		
20	64QAM	50	0	20.06	20.29	20.19	21	0
20	64QAM	50	24	20.05	20.19	20.09		
20	64QAM	50	50	20.04	20.25	20.13		
20	64QAM	100	0	20.05	20.22	20.07		
20	256QAM	1	0	18.19	18.33	18.31	19.5	1.5
20	256QAM	1	49	18.17	18.20	18.18		
20	256QAM	1	99	18.15	18.23	18.14		
20	256QAM	50	0	18.18	18.23	18.20	19.5	1.5
20	256QAM	50	24	18.10	18.25	18.19		
20	256QAM	50	50	18.21	18.25	18.24		
20	256QAM	100	0	18.20	18.30	18.18		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.12	20.20	20.16	21	0
15	QPSK	1	37	20.06	20.04	20.10		
15	QPSK	1	74	20.04	20.12	20.06		
15	QPSK	36	0	20.16	20.23	20.10	21	0
15	QPSK	36	20	20.02	20.07	20.09		
15	QPSK	36	39	20.08	20.04	20.04		
15	QPSK	75	0	20.10	20.24	20.00		
15	16QAM	1	0	20.06	20.08	20.10	21	0
15	16QAM	1	37	19.96	20.18	20.10		
15	16QAM	1	74	20.05	20.15	20.07		
15	16QAM	36	0	20.08	20.22	20.10	21	0
15	16QAM	36	20	19.99	20.16	20.00		
15	16QAM	36	39	19.96	20.22	20.12		
15	16QAM	75	0	19.92	20.14	20.02		
15	64QAM	1	0	19.91	20.15	19.97	21	0
15	64QAM	1	37	20.01	20.15	20.00		
15	64QAM	1	74	20.10	20.08	19.97		
15	64QAM	36	0	19.93	20.27	20.17	21	0
15	64QAM	36	20	19.91	20.08	20.01		
15	64QAM	36	39	19.93	20.19	19.98		
15	64QAM	75	0	19.94	20.12	19.97		
15	256QAM	1	0	18.16	18.25	18.28	19.5	1.5
15	256QAM	1	37	18.08	18.05	18.15		
15	256QAM	1	74	18.00	18.10	18.02		
15	256QAM	36	0	18.06	18.14	18.17	19.5	1.5
15	256QAM	36	20	17.96	18.18	18.09		
15	256QAM	36	39	18.18	18.24	18.23		
15	256QAM	75	0	18.11	18.21	18.06		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.09	20.29	20.16	21	0
10	QPSK	1	25	20.09	20.04	20.09		
10	QPSK	1	49	20.02	20.12	20.12		
10	QPSK	25	0	20.03	20.21	20.17	21	0
10	QPSK	25	12	20.08	20.20	20.01		
10	QPSK	25	25	20.06	20.05	20.11		
10	QPSK	50	0	20.04	20.13	20.14		
10	16QAM	1	0	20.08	20.14	20.03	21	0
10	16QAM	1	25	20.01	20.04	20.18		
10	16QAM	1	49	20.06	20.20	19.95		
10	16QAM	25	0	20.11	20.18	20.19	21	0
10	16QAM	25	12	20.02	20.24	19.95		
10	16QAM	25	25	20.05	20.21	20.08		
10	16QAM	50	0	19.97	20.01	20.01		
10	64QAM	1	0	19.98	20.05	20.03	21	0
10	64QAM	1	25	19.96	20.15	20.09		
10	64QAM	1	49	20.10	20.07	19.95		
10	64QAM	25	0	20.05	20.25	20.07	21	0
10	64QAM	25	12	19.92	20.09	19.94		
10	64QAM	25	25	19.89	20.24	20.05		
10	64QAM	50	0	19.93	20.12	19.97		
10	256QAM	1	0	18.05	18.26	18.27	19.5	1.5
10	256QAM	1	25	18.02	18.19	18.17		
10	256QAM	1	49	18.14	18.18	18.02		
10	256QAM	25	0	18.11	18.17	18.15	19.5	1.5
10	256QAM	25	12	18.06	18.22	18.13		
10	256QAM	25	25	18.20	18.13	18.12		
10	256QAM	50	0	18.19	18.25	18.23		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.14	20.23	20.18	21	0
5	QPSK	1	12	20.07	20.06	20.04		
5	QPSK	1	24	20.01	20.16	20.04		
5	QPSK	12	0	20.17	20.17	20.06	21	0
5	QPSK	12	7	20.10	20.19	20.10		
5	QPSK	12	13	20.03	20.04	20.07		
5	QPSK	25	0	20.14	20.22	20.09		
5	16QAM	1	0	20.07	20.16	20.08	21	0
5	16QAM	1	12	20.01	20.09	20.15		
5	16QAM	1	24	20.06	20.21	20.07		
5	16QAM	12	0	20.17	20.23	20.11	21	0
5	16QAM	12	7	20.03	20.12	20.04		
5	16QAM	12	13	19.93	20.16	20.09		
5	16QAM	25	0	19.95	20.01	20.12		
5	64QAM	1	0	19.96	20.08	19.98	21	0
5	64QAM	1	12	20.08	20.12	20.10		
5	64QAM	1	24	20.08	20.09	20.02		
5	64QAM	12	0	19.92	20.25	20.04	21	0
5	64QAM	12	7	20.02	20.04	20.00		
5	64QAM	12	13	19.90	20.14	19.98		
5	64QAM	25	0	19.97	20.13	19.94		
5	256QAM	1	0	18.19	18.34	18.32	19.5	1.5
5	256QAM	1	12	18.16	18.21	18.23		
5	256QAM	1	24	18.14	18.21	18.19		
5	256QAM	12	0	18.18	18.30	18.22	19.5	1.5
5	256QAM	12	7	18.05	18.32	18.28		
5	256QAM	12	13	18.20	18.34	18.29		
5	256QAM	25	0	18.28	18.39	18.27		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.05	20.16	20.16	21	0
3	QPSK	1	8	20.04	20.09	20.13		
3	QPSK	1	14	20.12	20.18	20.05		
3	QPSK	8	0	20.13	20.21	20.16	21	0
3	QPSK	8	4	20.14	20.12	20.10		
3	QPSK	8	7	20.13	20.07	20.11		
3	QPSK	15	0	20.10	20.11	20.02		
3	16QAM	1	0	20.09	20.18	20.12	21	0
3	16QAM	1	8	20.04	20.16	20.12		
3	16QAM	1	14	20.10	20.10	19.94		
3	16QAM	8	0	20.12	20.22	20.15	21	0
3	16QAM	8	4	20.06	20.17	20.06		
3	16QAM	8	7	19.96	20.20	20.17		
3	16QAM	15	0	19.91	20.15	20.04		
3	64QAM	1	0	19.96	20.10	20.01	21	0
3	64QAM	1	8	19.99	20.13	20.04		
3	64QAM	1	14	20.01	20.18	20.03		
3	64QAM	8	0	19.92	20.25	20.13	21	0
3	64QAM	8	4	19.95	20.11	20.07		
3	64QAM	8	7	19.97	20.11	20.09		
3	64QAM	15	0	20.00	20.15	20.01		
3	256QAM	1	0	18.10	18.28	18.23	19.5	1.5
3	256QAM	1	8	18.06	18.19	18.09		
3	256QAM	1	14	18.02	18.13	18.06		
3	256QAM	8	0	18.24	18.30	18.21	19.5	1.5
3	256QAM	8	4	18.18	18.23	18.17		
3	256QAM	8	7	18.30	18.26	18.33		
3	256QAM	15	0	18.22	18.31	18.16		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.14	20.24	20.07	21	0
1.4	QPSK	1	3	20.06	20.12	20.09		
1.4	QPSK	1	5	20.05	20.21	20.06		
1.4	QPSK	3	0	20.06	20.26	20.15		
1.4	QPSK	3	1	20.04	20.12	20.10		
1.4	QPSK	3	3	20.13	20.09	20.10		
1.4	QPSK	6	0	20.09	20.20	20.13	21	0
1.4	16QAM	1	0	20.04	20.22	20.09	21	0
1.4	16QAM	1	3	19.99	20.15	20.10		
1.4	16QAM	1	5	20.07	20.16	20.01		
1.4	16QAM	3	0	20.12	20.24	20.11		
1.4	16QAM	3	1	20.03	20.10	20.00		
1.4	16QAM	3	3	19.95	20.22	20.08		
1.4	16QAM	6	0	19.93	20.07	20.07	21	0
1.4	64QAM	1	0	20.02	20.10	20.00	21	0
1.4	64QAM	1	3	20.03	20.07	19.99		
1.4	64QAM	1	5	20.02	20.18	19.96		
1.4	64QAM	3	0	20.00	20.14	20.11		
1.4	64QAM	3	1	19.90	20.11	19.99		
1.4	64QAM	3	3	19.92	20.13	20.00		
1.4	64QAM	6	0	19.90	20.13	20.03	21	0
1.4	256QAM	1	0	18.23	18.41	18.35	19.5	1.5
1.4	256QAM	1	3	18.14	18.24	18.16		
1.4	256QAM	1	5	18.16	18.27	18.22		
1.4	256QAM	3	0	18.22	18.25	18.27		
1.4	256QAM	3	1	18.07	18.23	18.23		
1.4	256QAM	3	3	18.17	18.32	18.26		
1.4	256QAM	6	0	18.20	18.36	18.21	19.5	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.52	15.61	15.55	16.3	0
20	QPSK	1	49	15.43	15.46	15.47		
20	QPSK	1	99	15.40	15.48	15.49		
20	QPSK	50	0	15.50	15.53	15.52	16.3	0
20	QPSK	50	24	15.39	15.52	15.48		
20	QPSK	50	50	15.43	15.49	15.43		
20	QPSK	100	0	15.44	15.50	15.47		
20	16QAM	1	0	15.44	15.57	15.40	16.3	0
20	16QAM	1	49	15.45	15.50	15.44		
20	16QAM	1	99	15.39	15.58	15.50		
20	16QAM	50	0	15.41	15.50	15.49	16.3	0
20	16QAM	50	24	15.37	15.55	15.54		
20	16QAM	50	50	15.38	15.56	15.48		
20	16QAM	100	0	15.51	15.46	15.41		
20	64QAM	1	0	15.39	15.52	15.47	16.3	0
20	64QAM	1	49	15.42	15.46	15.46		
20	64QAM	1	99	15.41	15.58	15.42		
20	64QAM	50	0	15.49	15.50	15.49	16.3	0
20	64QAM	50	24	15.41	15.59	15.52		
20	64QAM	50	50	15.49	15.56	15.44		
20	64QAM	100	0	15.45	15.49	15.48		
20	256QAM	1	0	15.49	15.60	15.49	16.3	0
20	256QAM	1	49	15.44	15.52	15.43		
20	256QAM	1	99	15.43	15.55	15.52		
20	256QAM	50	0	15.41	15.47	15.35	16.3	0
20	256QAM	50	24	15.35	15.49	15.34		
20	256QAM	50	50	15.36	15.51	15.43		
20	256QAM	100	0	15.43	15.58	15.53		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.38	15.47	15.43	16.3	0
15	QPSK	1	37	15.28	15.37	15.37		
15	QPSK	1	74	15.26	15.43	15.35		
15	QPSK	36	0	15.35	15.50	15.39	16.3	0
15	QPSK	36	20	15.34	15.37	15.45		
15	QPSK	36	39	15.39	15.45	15.38		
15	QPSK	75	0	15.29	15.45	15.41		
15	16QAM	1	0	15.29	15.55	15.29	16.3	0
15	16QAM	1	37	15.40	15.44	15.32		
15	16QAM	1	74	15.26	15.46	15.47		
15	16QAM	36	0	15.28	15.40	15.43	16.3	0
15	16QAM	36	20	15.26	15.48	15.52		
15	16QAM	36	39	15.34	15.47	15.42		
15	16QAM	75	0	15.43	15.39	15.40		
15	64QAM	1	0	15.26	15.47	15.39	16.3	0
15	64QAM	1	37	15.28	15.35	15.35		
15	64QAM	1	74	15.32	15.57	15.30		
15	64QAM	36	0	15.46	15.35	15.37	16.3	0
15	64QAM	36	20	15.35	15.44	15.47		
15	64QAM	36	39	15.39	15.41	15.38		
15	64QAM	75	0	15.36	15.36	15.41		
15	256QAM	1	0	15.47	15.57	15.35	16.3	0
15	256QAM	1	37	15.29	15.40	15.39		
15	256QAM	1	74	15.30	15.47	15.46		
15	256QAM	36	0	15.31	15.38	15.33	16.3	0
15	256QAM	36	20	15.25	15.42	15.33		
15	256QAM	36	39	15.35	15.36	15.41		
15	256QAM	75	0	15.32	15.56	15.48		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.50	15.56	15.43	16.3	0
10	QPSK	1	25	15.42	15.44	15.44		
10	QPSK	1	49	15.25	15.46	15.43		
10	QPSK	25	0	15.49	15.52	15.48	16.3	0
10	QPSK	25	12	15.29	15.41	15.34		
10	QPSK	25	25	15.36	15.41	15.41		
10	QPSK	50	0	15.33	15.38	15.46		
10	16QAM	1	0	15.30	15.53	15.26	16.3	0
10	16QAM	1	25	15.33	15.44	15.42		
10	16QAM	1	49	15.27	15.46	15.39		
10	16QAM	25	0	15.40	15.40	15.43	16.3	0
10	16QAM	25	12	15.22	15.51	15.42		
10	16QAM	25	25	15.29	15.43	15.39		
10	16QAM	50	0	15.38	15.34	15.38		
10	64QAM	1	0	15.27	15.45	15.42	16.3	0
10	64QAM	1	25	15.41	15.40	15.33		
10	64QAM	1	49	15.29	15.43	15.40		
10	64QAM	25	0	15.39	15.42	15.40	16.3	0
10	64QAM	25	12	15.33	15.52	15.40		
10	64QAM	25	25	15.40	15.55	15.41		
10	64QAM	50	0	15.42	15.40	15.43		
10	256QAM	1	0	15.36	15.45	15.35	16.3	0
10	256QAM	1	25	15.39	15.38	15.32		
10	256QAM	1	49	15.29	15.40	15.50		
10	256QAM	25	0	15.37	15.40	15.24	16.3	0
10	256QAM	25	12	15.33	15.38	15.20		
10	256QAM	25	25	15.24	15.45	15.38		
10	256QAM	50	0	15.42	15.50	15.45		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.46	15.54	15.40	16.3	0
5	QPSK	1	12	15.41	15.31	15.45		
5	QPSK	1	24	15.36	15.39	15.40		
5	QPSK	12	0	15.38	15.49	15.47	16.3	0
5	QPSK	12	7	15.25	15.49	15.41		
5	QPSK	12	13	15.34	15.44	15.38		
5	QPSK	25	0	15.29	15.46	15.32		
5	16QAM	1	0	15.29	15.55	15.36	16.3	0
5	16QAM	1	12	15.43	15.49	15.40		
5	16QAM	1	24	15.33	15.52	15.49		
5	16QAM	12	0	15.38	15.44	15.39	16.3	0
5	16QAM	12	7	15.22	15.43	15.40		
5	16QAM	12	13	15.33	15.46	15.39		
5	16QAM	25	0	15.36	15.44	15.27		
5	64QAM	1	0	15.25	15.50	15.32	16.3	0
5	64QAM	1	12	15.38	15.44	15.39		
5	64QAM	1	24	15.31	15.51	15.29		
5	64QAM	12	0	15.44	15.44	15.42	16.3	0
5	64QAM	12	7	15.27	15.47	15.42		
5	64QAM	12	13	15.47	15.55	15.32		
5	64QAM	25	0	15.36	15.47	15.47		
5	256QAM	1	0	15.46	15.57	15.37	16.3	0
5	256QAM	1	12	15.32	15.39	15.39		
5	256QAM	1	24	15.40	15.40	15.46		
5	256QAM	12	0	15.40	15.39	15.33	16.3	0
5	256QAM	12	7	15.26	15.38	15.32		
5	256QAM	12	13	15.22	15.50	15.32		
5	256QAM	25	0	15.31	15.57	15.52		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.43	15.49	15.54	16.3	0
3	QPSK	1	8	15.40	15.38	15.32		
3	QPSK	1	14	15.35	15.46	15.46		
3	QPSK	8	0	15.38	15.45	15.50	16.3	0
3	QPSK	8	4	15.32	15.39	15.41		
3	QPSK	8	7	15.34	15.45	15.39		
3	QPSK	15	0	15.38	15.47	15.42		
3	16QAM	1	0	15.38	15.44	15.37	16.3	0
3	16QAM	1	8	15.33	15.43	15.35		
3	16QAM	1	14	15.25	15.45	15.44		
3	16QAM	8	0	15.27	15.49	15.34	16.3	0
3	16QAM	8	4	15.36	15.51	15.45		
3	16QAM	8	7	15.32	15.50	15.45		
3	16QAM	15	0	15.37	15.39	15.39		
3	64QAM	1	0	15.34	15.39	15.39	16.3	0
3	64QAM	1	8	15.30	15.45	15.36		
3	64QAM	1	14	15.37	15.46	15.39		
3	64QAM	8	0	15.34	15.49	15.43	16.3	0
3	64QAM	8	4	15.38	15.45	15.39		
3	64QAM	8	7	15.36	15.55	15.39		
3	64QAM	15	0	15.38	15.47	15.43		
3	256QAM	1	0	15.47	15.59	15.37	16.3	0
3	256QAM	1	8	15.34	15.46	15.28		
3	256QAM	1	14	15.41	15.43	15.50		
3	256QAM	8	0	15.27	15.45	15.27	16.3	0
3	256QAM	8	4	15.20	15.37	15.25		
3	256QAM	8	7	15.32	15.47	15.35		
3	256QAM	15	0	15.35	15.52	15.47		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.49	15.60	15.53	16.3	0
1.4	QPSK	1	3	15.41	15.44	15.42		
1.4	QPSK	1	5	15.30	15.40	15.42		
1.4	QPSK	3	0	15.36	15.49	15.49		
1.4	QPSK	3	1	15.34	15.49	15.35		
1.4	QPSK	3	3	15.38	15.47	15.37		
1.4	QPSK	6	0	15.40	15.44	15.43	16.3	0
1.4	16QAM	1	0	15.39	15.52	15.38	16.3	0
1.4	16QAM	1	3	15.35	15.35	15.40		
1.4	16QAM	1	5	15.37	15.46	15.35		
1.4	16QAM	3	0	15.29	15.48	15.39		
1.4	16QAM	3	1	15.35	15.47	15.48		
1.4	16QAM	3	3	15.27	15.53	15.42		
1.4	16QAM	6	0	15.46	15.34	15.36	16.3	0
1.4	64QAM	1	0	15.33	15.43	15.37	16.3	0
1.4	64QAM	1	3	15.41	15.34	15.43		
1.4	64QAM	1	5	15.26	15.53	15.32		
1.4	64QAM	3	0	15.44	15.43	15.41		
1.4	64QAM	3	1	15.33	15.55	15.46		
1.4	64QAM	3	3	15.46	15.46	15.31		
1.4	64QAM	6	0	15.42	15.43	15.33	16.3	0
1.4	256QAM	1	0	15.46	15.48	15.45	16.3	0
1.4	256QAM	1	3	15.30	15.37	15.32		
1.4	256QAM	1	5	15.35	15.44	15.40		
1.4	256QAM	3	0	15.28	15.46	15.24		
1.4	256QAM	3	1	15.31	15.43	15.23		
1.4	256QAM	3	3	15.24	15.49	15.29		
1.4	256QAM	6	0	15.40	15.50	15.46	16.3	0

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BW [MHz]	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	24.12	24.15	24.08	25	0
10	QPSK	1	25	23.99	24.10	24.01		
10	QPSK	1	49	24.07	23.99	23.97		
10	QPSK	25	0	23.55	23.60	23.53	24.5	0.5
10	QPSK	25	12	23.52	23.49	23.46		
10	QPSK	25	25	23.53	23.52	23.38		
10	QPSK	50	0	23.51	23.53	23.51		
10	16QAM	1	0	23.85	23.79	23.86	24.5	0.5
10	16QAM	1	25	23.65	23.77	23.66		
10	16QAM	1	49	23.80	23.68	23.75		
10	16QAM	25	0	22.93	22.98	23.05	24	1
10	16QAM	25	12	23.03	23.03	23.01		
10	16QAM	25	25	22.92	23.03	22.91		
10	16QAM	50	0	23.00	23.08	22.95		
10	64QAM	1	0	22.60	22.43	22.53	24	1
10	64QAM	1	25	22.68	22.64	22.51		
10	64QAM	1	49	22.65	22.65	22.49		
10	64QAM	25	0	21.84	21.97	22.00	23	2
10	64QAM	25	12	22.00	21.97	22.00		
10	64QAM	25	25	21.96	21.98	21.84		
10	64QAM	50	0	21.99	22.01	21.90		
10	256QAM	1	0	18.62	18.66	18.54	20	5
10	256QAM	1	25	18.62	18.63	18.52		
10	256QAM	1	49	18.55	18.57	18.46		
10	256QAM	25	0	18.44	18.59	18.55	20	5
10	256QAM	25	12	18.49	18.52	18.42		
10	256QAM	25	25	18.47	18.57	18.44		
10	256QAM	50	0	18.52	18.62	18.50		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.97	24.08	23.93	25	0
5	QPSK	1	12	24.06	24.14	23.96		
5	QPSK	1	24	23.93	23.97	23.82		
5	QPSK	12	0	23.42	23.51	23.48	24.5	0.5
5	QPSK	12	7	23.42	23.41	23.40		
5	QPSK	12	13	23.41	23.46	23.30		
5	QPSK	25	0	23.50	23.52	23.42		
5	16QAM	1	0	23.72	23.70	23.73	24.5	0.5
5	16QAM	1	12	23.59	23.71	23.55		
5	16QAM	1	24	23.67	23.58	23.74		
5	16QAM	12	0	22.78	22.92	23.02	24	1
5	16QAM	12	7	22.93	22.95	22.90		
5	16QAM	12	13	22.79	22.94	22.80		
5	16QAM	25	0	22.92	23.05	22.83		
5	64QAM	1	0	22.49	22.34	22.38	24	1
5	64QAM	1	12	22.67	22.59	22.40		
5	64QAM	1	24	22.54	22.64	22.39		
5	64QAM	12	0	21.74	21.89	21.88	23	2
5	64QAM	12	7	21.87	21.86	21.90		
5	64QAM	12	13	21.94	21.96	21.76		
5	64QAM	25	0	21.87	21.96	21.87		
5	256QAM	1	0	18.48	18.54	18.43	20	5
5	256QAM	1	12	18.55	18.60	18.40		
5	256QAM	1	24	18.44	18.51	18.36		
5	256QAM	12	0	18.30	18.55	18.40	20	5
5	256QAM	12	7	18.42	18.37	18.31		
5	256QAM	12	13	18.43	18.42	18.39		
5	256QAM	25	0	18.45	18.52	18.46		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.86	24.05	23.96	25	0
3	QPSK	1	8	23.98	24.01	24.01		
3	QPSK	1	14	23.96	23.84	23.87		
3	QPSK	8	0	23.43	23.45	23.51	24.5	0.5
3	QPSK	8	4	23.48	23.47	23.38		
3	QPSK	8	7	23.38	23.41	23.26		
3	QPSK	15	0	23.41	23.50	23.41		
3	16QAM	1	0	23.84	23.74	23.78	24.5	0.5
3	16QAM	1	8	23.56	23.67	23.51		
3	16QAM	1	14	23.78	23.56	23.74		
3	16QAM	8	0	22.85	22.83	23.04	24	1
3	16QAM	8	4	22.97	22.98	22.96		
3	16QAM	8	7	22.79	22.89	22.85		
3	16QAM	15	0	22.98	23.06	22.82		
3	64QAM	1	0	22.45	22.34	22.47	24	1
3	64QAM	1	8	22.58	22.62	22.50		
3	64QAM	1	14	22.57	22.60	22.38		
3	64QAM	8	0	21.75	21.85	21.98	23	2
3	64QAM	8	4	21.86	21.86	21.94		
3	64QAM	8	7	21.85	21.87	21.75		
3	64QAM	15	0	21.96	21.91	21.76		
3	256QAM	1	0	18.49	18.63	18.49	20	5
3	256QAM	1	8	18.55	18.58	18.42		
3	256QAM	1	14	18.54	18.46	18.44		
3	256QAM	8	0	18.41	18.47	18.52	20	5
3	256QAM	8	4	18.35	18.43	18.37		
3	256QAM	8	7	18.39	18.47	18.40		
3	256QAM	15	0	18.41	18.57	18.47		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.95	23.97	23.91	25	0
1.4	QPSK	1	3	24.00	24.11	24.05		
1.4	QPSK	1	5	23.93	23.88	23.90		
1.4	QPSK	3	0	23.90	24.09	24.00		
1.4	QPSK	3	1	24.08	24.08	24.06		
1.4	QPSK	3	3	23.98	23.84	23.83		
1.4	QPSK	6	0	23.47	23.43	23.44	24.5	0.5
1.4	16QAM	1	0	23.70	23.75	23.76	24.5	0.5
1.4	16QAM	1	3	23.61	23.75	23.63		
1.4	16QAM	1	5	23.77	23.53	23.66		
1.4	16QAM	3	0	23.81	23.75	23.72		
1.4	16QAM	3	1	23.51	23.63	23.63		
1.4	16QAM	3	3	23.65	23.63	23.66		
1.4	16QAM	6	0	22.87	23.02	22.90	24	1
1.4	64QAM	1	0	22.56	22.38	22.45	24	1
1.4	64QAM	1	3	22.63	22.58	22.44		
1.4	64QAM	1	5	22.55	22.61	22.48		
1.4	64QAM	3	0	22.52	22.28	22.49		
1.4	64QAM	3	1	22.64	22.49	22.41		
1.4	64QAM	3	3	22.50	22.63	22.44		
1.4	64QAM	6	0	21.98	21.93	21.85	23	2
1.4	256QAM	1	0	18.54	18.54	18.45	20	5
1.4	256QAM	1	3	18.55	18.49	18.38		
1.4	256QAM	1	5	18.54	18.54	18.40		
1.4	256QAM	3	0	18.36	18.44	18.53		
1.4	256QAM	3	1	18.38	18.48	18.35		
1.4	256QAM	3	3	18.39	18.56	18.29		
1.4	256QAM	6	0	18.46	18.58	18.49	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	18.96	19.00	18.99	20	0
10	QPSK	1	25	18.94	18.94	18.91		
10	QPSK	1	49	18.93	18.97	18.92		
10	QPSK	25	0	18.93	18.98	18.97	20	0
10	QPSK	25	12	18.90	18.85	18.95		
10	QPSK	25	25	18.86	18.95	18.95		
10	QPSK	50	0	18.90	18.96	18.84		
10	16QAM	1	0	18.82	18.85	18.93	20	0
10	16QAM	1	25	18.84	18.93	18.89		
10	16QAM	1	49	18.83	18.96	18.97		
10	16QAM	25	0	18.92	18.98	18.84	20	0
10	16QAM	25	12	18.85	18.94	18.85		
10	16QAM	25	25	18.89	18.85	18.87		
10	16QAM	50	0	18.86	18.89	18.87		
10	64QAM	1	0	18.82	18.99	18.95	20	0
10	64QAM	1	25	18.94	18.87	18.92		
10	64QAM	1	49	18.91	18.98	18.88		
10	64QAM	25	0	18.81	18.85	18.95	20	0
10	64QAM	25	12	18.87	18.89	18.98		
10	64QAM	25	25	18.93	18.99	18.88		
10	64QAM	50	0	18.84	18.94	18.94		
10	256QAM	1	0	18.31	18.35	18.25	19.5	0.5
10	256QAM	1	25	18.21	18.32	18.29		
10	256QAM	1	49	18.24	18.30	18.15		
10	256QAM	25	0	18.14	18.24	18.23	19.5	0.5
10	256QAM	25	12	18.13	18.21	18.16		
10	256QAM	25	25	18.28	18.30	18.29		
10	256QAM	50	0	18.23	18.31	18.30		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	18.92	18.94	18.96	20	0
5	QPSK	1	12	18.83	18.88	18.87		
5	QPSK	1	24	18.86	18.95	18.85		
5	QPSK	12	0	18.82	18.90	18.90	20	0
5	QPSK	12	7	18.81	18.73	18.92		
5	QPSK	12	13	18.71	18.84	18.83		
5	QPSK	25	0	18.76	18.86	18.74		
5	16QAM	1	0	18.80	18.80	18.79	20	0
5	16QAM	1	12	18.80	18.90	18.78		
5	16QAM	1	24	18.80	18.81	18.86		
5	16QAM	12	0	18.87	18.87	18.78	20	0
5	16QAM	12	7	18.84	18.93	18.79		
5	16QAM	12	13	18.85	18.75	18.74		
5	16QAM	25	0	18.84	18.75	18.81		
5	64QAM	1	0	18.68	18.87	18.80	20	0
5	64QAM	1	12	18.83	18.74	18.86		
5	64QAM	1	24	18.81	18.97	18.78		
5	64QAM	12	0	18.70	18.77	18.86	20	0
5	64QAM	12	7	18.81	18.77	18.92		
5	64QAM	12	13	18.92	18.93	18.86		
5	64QAM	25	0	18.81	18.82	18.80		
5	256QAM	1	0	18.25	18.23	18.19	19.5	0.5
5	256QAM	1	12	18.20	18.21	18.22		
5	256QAM	1	24	18.17	18.27	18.03		
5	256QAM	12	0	18.12	18.12	18.20	19.5	0.5
5	256QAM	12	7	18.03	18.13	18.05		
5	256QAM	12	13	18.19	18.23	18.24		
5	256QAM	25	0	18.09	18.16	18.15		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	18.87	18.85	18.97	20	0
3	QPSK	1	8	18.90	18.90	18.82		
3	QPSK	1	14	18.91	18.93	18.80		
3	QPSK	8	0	18.85	18.86	18.90	20	0
3	QPSK	8	4	18.80	18.71	18.92		
3	QPSK	8	7	18.82	18.94	18.89		
3	QPSK	15	0	18.83	18.81	18.83		
3	16QAM	1	0	18.79	18.83	18.90	20	0
3	16QAM	1	8	18.70	18.84	18.86		
3	16QAM	1	14	18.78	18.81	18.85		
3	16QAM	8	0	18.79	18.85	18.81	20	0
3	16QAM	8	4	18.73	18.79	18.76		
3	16QAM	8	7	18.84	18.75	18.74		
3	16QAM	15	0	18.72	18.82	18.76		
3	64QAM	1	0	18.76	18.84	18.91	20	0
3	64QAM	1	8	18.92	18.86	18.85		
3	64QAM	1	14	18.87	18.87	18.87		
3	64QAM	8	0	18.75	18.71	18.89	20	0
3	64QAM	8	4	18.85	18.80	18.87		
3	64QAM	8	7	18.91	18.95	18.74		
3	64QAM	15	0	18.83	18.82	18.80		
3	256QAM	1	0	18.18	18.32	18.15	19.5	0.5
3	256QAM	1	8	18.13	18.20	18.14		
3	256QAM	1	14	18.18	18.27	18.02		
3	256QAM	8	0	18.06	18.10	18.12	19.5	0.5
3	256QAM	8	4	18.04	18.19	18.09		
3	256QAM	8	7	18.24	18.22	18.24		
3	256QAM	15	0	18.13	18.24	18.24		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	18.89	18.95	18.84	20	0
1.4	QPSK	1	3	18.85	18.93	18.88		
1.4	QPSK	1	5	18.89	18.85	18.89		
1.4	QPSK	3	0	18.80	18.89	18.84		
1.4	QPSK	3	1	18.76	18.83	18.91		
1.4	QPSK	3	3	18.72	18.88	18.80		
1.4	QPSK	6	0	18.85	18.84	18.80	20	0
1.4	16QAM	1	0	18.69	18.70	18.83	20	0
1.4	16QAM	1	3	18.78	18.89	18.78		
1.4	16QAM	1	5	18.77	18.92	18.96		
1.4	16QAM	3	0	18.77	18.95	18.69		
1.4	16QAM	3	1	18.70	18.82	18.81		
1.4	16QAM	3	3	18.76	18.72	18.72		
1.4	16QAM	6	0	18.82	18.74	18.76	20	0
1.4	64QAM	1	0	18.80	18.89	18.94	20	0
1.4	64QAM	1	3	18.79	18.76	18.78		
1.4	64QAM	1	5	18.90	18.92	18.74		
1.4	64QAM	3	0	18.79	18.75	18.86		
1.4	64QAM	3	1	18.72	18.74	18.89		
1.4	64QAM	3	3	18.90	18.94	18.75		
1.4	64QAM	6	0	18.73	18.84	18.86	20	0
1.4	256QAM	1	0	18.24	18.30	18.24	19.5	0.5
1.4	256QAM	1	3	18.10	18.25	18.24		
1.4	256QAM	1	5	18.15	18.26	18.05		
1.4	256QAM	3	0	18.02	18.10	18.09		
1.4	256QAM	3	1	18.09	18.08	18.02		
1.4	256QAM	3	3	18.25	18.23	18.26		
1.4	256QAM	6	0	18.16	18.23	18.20	19.5	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.42	24.48	24.42	25	0
20	QPSK	1	49	24.39	24.29	24.38		
20	QPSK	1	99	24.32	24.35	24.39		
20	QPSK	50	0	23.94	24.12	24.10	24.5	0.5
20	QPSK	50	24	23.90	23.89	24.05		
20	QPSK	50	50	23.93	23.96	24.00		
20	QPSK	100	0	23.90	24.06	24.02		
20	16QAM	1	0	24.15	24.10	24.37	24.5	0.5
20	16QAM	1	49	24.20	24.23	24.30		
20	16QAM	1	99	24.10	24.16	24.33		
20	16QAM	50	0	23.39	23.42	23.56	24	1
20	16QAM	50	24	23.38	23.43	23.63		
20	16QAM	50	50	23.39	23.49	23.66		
20	16QAM	100	0	23.37	23.43	23.64		
20	64QAM	1	0	23.02	22.96	23.12	24	1
20	64QAM	1	49	23.00	23.05	23.15		
20	64QAM	1	99	23.08	23.08	23.20		
20	64QAM	50	0	22.39	22.45	22.53	23	2
20	64QAM	50	24	22.38	22.50	22.58		
20	64QAM	50	50	22.41	22.55	22.58		
20	64QAM	100	0	22.40	22.46	22.55		
20	256QAM	1	0	19.21	19.22	19.11	20	5
20	256QAM	1	49	19.01	19.12	19.04		
20	256QAM	1	99	19.04	19.13	19.06		
20	256QAM	50	0	19.00	19.07	18.99	20	5
20	256QAM	50	24	19.15	19.18	19.13		
20	256QAM	50	50	19.04	19.09	19.05		
20	256QAM	100	0	19.12	19.18	19.16		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.30	24.24	24.36	25	0
15	QPSK	1	37	24.39	24.39	24.35		
15	QPSK	1	74	24.31	24.25	24.30		
15	QPSK	36	0	23.80	24.04	24.03	24.5	0.5
15	QPSK	36	20	23.79	23.85	23.98		
15	QPSK	36	39	23.86	23.95	23.95		
15	QPSK	75	0	23.84	24.01	23.92		
15	16QAM	1	0	24.01	23.95	24.30	24.5	0.5
15	16QAM	1	37	24.17	24.15	24.19		
15	16QAM	1	74	23.98	24.08	24.29		
15	16QAM	36	0	23.33	23.33	23.51	24	1
15	16QAM	36	20	23.25	23.30	23.48		
15	16QAM	36	39	23.31	23.36	23.61		
15	16QAM	75	0	23.27	23.35	23.55		
15	64QAM	1	0	22.94	22.87	23.03	24	1
15	64QAM	1	37	22.85	23.02	23.13		
15	64QAM	1	74	23.06	23.05	23.07		
15	64QAM	36	0	22.35	22.34	22.43	23	2
15	64QAM	36	20	22.27	22.48	22.48		
15	64QAM	36	39	22.39	22.41	22.54		
15	64QAM	75	0	22.26	22.43	22.51		
15	256QAM	1	0	19.08	19.14	19.01	20	5
15	256QAM	1	37	18.92	19.04	19.02		
15	256QAM	1	74	18.91	19.12	18.98		
15	256QAM	36	0	18.89	19.05	18.98	20	5
15	256QAM	36	20	19.00	19.12	19.04		
15	256QAM	36	39	19.02	18.97	18.98		
15	256QAM	75	0	19.05	19.16	19.13		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.30	24.22	24.25	25	0
10	QPSK	1	25	24.30	24.45	24.35		
10	QPSK	1	49	24.28	24.31	24.37		
10	QPSK	25	0	23.82	23.97	23.97	24.5	0.5
10	QPSK	25	12	23.84	23.88	23.98		
10	QPSK	25	25	23.90	23.81	23.91		
10	QPSK	50	0	23.85	23.95	23.94		
10	16QAM	1	0	24.00	24.02	24.24	24.5	0.5
10	16QAM	1	25	24.12	24.13	24.25		
10	16QAM	1	49	24.02	24.03	24.25		
10	16QAM	25	0	23.33	23.33	23.52	24	1
10	16QAM	25	12	23.35	23.34	23.48		
10	16QAM	25	25	23.25	23.47	23.60		
10	16QAM	50	0	23.35	23.41	23.51		
10	64QAM	1	0	22.90	22.84	22.99	24	1
10	64QAM	1	25	22.97	22.90	23.02		
10	64QAM	1	49	22.93	22.97	23.05		
10	64QAM	25	0	22.35	22.33	22.51	23	2
10	64QAM	25	12	22.32	22.46	22.53		
10	64QAM	25	25	22.35	22.52	22.53		
10	64QAM	50	0	22.30	22.39	22.50		
10	256QAM	1	0	19.16	19.10	19.07	20	5
10	256QAM	1	25	19.00	19.08	18.89		
10	256QAM	1	49	18.92	19.02	19.01		
10	256QAM	25	0	18.86	18.93	18.93	20	5
10	256QAM	25	12	19.04	19.09	19.03		
10	256QAM	25	25	19.00	19.08	19.00		
10	256QAM	50	0	19.04	19.05	19.03		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.34	24.24	24.37	25	0
5	QPSK	1	12	24.31	24.41	24.37		
5	QPSK	1	24	24.26	24.22	24.33		
5	QPSK	12	0	23.92	24.00	24.03	24.5	0.5
5	QPSK	12	7	23.81	23.81	23.98		
5	QPSK	12	13	23.83	23.94	23.99		
5	QPSK	25	0	23.83	23.96	23.94		
5	16QAM	1	0	24.03	24.09	24.24	24.5	0.5
5	16QAM	1	12	24.11	24.12	24.16		
5	16QAM	1	24	24.06	24.09	24.28		
5	16QAM	12	0	23.34	23.40	23.50	24	1
5	16QAM	12	7	23.30	23.35	23.51		
5	16QAM	12	13	23.30	23.38	23.59		
5	16QAM	25	0	23.35	23.31	23.56		
5	64QAM	1	0	22.88	22.85	23.06	24	1
5	64QAM	1	12	22.86	23.02	23.02		
5	64QAM	1	24	22.94	22.97	23.11		
5	64QAM	12	0	22.33	22.41	22.44	23	2
5	64QAM	12	7	22.24	22.47	22.57		
5	64QAM	12	13	22.28	22.41	22.48		
5	64QAM	25	0	22.32	22.37	22.44		
5	256QAM	1	0	19.16	19.07	18.97	20	5
5	256QAM	1	12	18.87	18.99	18.92		
5	256QAM	1	24	18.99	19.06	18.92		
5	256QAM	12	0	18.92	18.93	18.92	20	5
5	256QAM	12	7	19.09	19.14	19.05		
5	256QAM	12	13	19.00	19.00	18.93		
5	256QAM	25	0	19.05	19.05	19.15		

Band 7_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.60	15.65	15.52	16.5	0
20	QPSK	1	49	15.51	15.58	15.46		
20	QPSK	1	99	15.51	15.61	15.49		
20	QPSK	50	0	15.58	15.62	15.51	16.5	0
20	QPSK	50	24	15.47	15.57	15.41		
20	QPSK	50	50	15.55	15.59	15.38		
20	QPSK	100	0	15.47	15.60	15.47		
20	16QAM	1	0	15.45	15.51	15.37	16.5	0
20	16QAM	1	49	15.48	15.53	15.44		
20	16QAM	1	99	15.49	15.51	15.40		
20	16QAM	50	0	15.58	15.60	15.47	16.5	0
20	16QAM	50	24	15.46	15.56	15.47		
20	16QAM	50	50	15.55	15.55	15.44		
20	16QAM	100	0	15.54	15.50	15.37		
20	64QAM	1	0	15.46	15.63	15.47	16.5	0
20	64QAM	1	49	15.59	15.53	15.37		
20	64QAM	1	99	15.51	15.62	15.50		
20	64QAM	50	0	15.53	15.63	15.40	16.5	0
20	64QAM	50	24	15.45	15.63	15.51		
20	64QAM	50	50	15.58	15.55	15.43		
20	64QAM	100	0	15.54	15.59	15.44		
20	256QAM	1	0	15.45	15.50	15.47	16.5	0
20	256QAM	1	49	15.45	15.63	15.39		
20	256QAM	1	99	15.48	15.57	15.47		
20	256QAM	50	0	15.59	15.62	15.37	16.5	0
20	256QAM	50	24	15.53	15.52	15.48		
20	256QAM	50	50	15.57	15.55	15.37		
20	256QAM	100	0	15.48	15.51	15.42		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.54	15.51	15.37	16.5	0
15	QPSK	1	37	15.38	15.53	15.40		
15	QPSK	1	74	15.44	15.46	15.48		
15	QPSK	36	0	15.43	15.54	15.41	16.5	0
15	QPSK	36	20	15.43	15.55	15.27		
15	QPSK	36	39	15.49	15.50	15.34		
15	QPSK	75	0	15.38	15.54	15.39		
15	16QAM	1	0	15.33	15.41	15.35	16.5	0
15	16QAM	1	37	15.37	15.40	15.41		
15	16QAM	1	74	15.36	15.40	15.33		
15	16QAM	36	0	15.54	15.45	15.42	16.5	0
15	16QAM	36	20	15.31	15.49	15.43		
15	16QAM	36	39	15.45	15.51	15.41		
15	16QAM	75	0	15.47	15.48	15.32		
15	64QAM	1	0	15.43	15.57	15.33	16.5	0
15	64QAM	1	37	15.54	15.43	15.34		
15	64QAM	1	74	15.47	15.52	15.47		
15	64QAM	36	0	15.43	15.53	15.34	16.5	0
15	64QAM	36	20	15.40	15.53	15.49		
15	64QAM	36	39	15.52	15.46	15.28		
15	64QAM	75	0	15.47	15.57	15.29		
15	256QAM	1	0	15.37	15.40	15.45	16.5	0
15	256QAM	1	37	15.40	15.50	15.24		
15	256QAM	1	74	15.38	15.51	15.42		
15	256QAM	36	0	15.58	15.52	15.34	16.5	0
15	256QAM	36	20	15.38	15.46	15.38		
15	256QAM	36	39	15.44	15.47	15.36		
15	256QAM	75	0	15.36	15.50	15.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.56	15.54	15.38	16.5	0
10	QPSK	1	25	15.43	15.49	15.31		
10	QPSK	1	49	15.40	15.51	15.35		
10	QPSK	25	0	15.57	15.59	15.38	16.5	0
10	QPSK	25	12	15.41	15.52	15.38		
10	QPSK	25	25	15.45	15.58	15.24		
10	QPSK	50	0	15.42	15.51	15.46		
10	16QAM	1	0	15.39	15.36	15.24	16.5	0
10	16QAM	1	25	15.44	15.48	15.38		
10	16QAM	1	49	15.43	15.38	15.28		
10	16QAM	25	0	15.55	15.56	15.43	16.5	0
10	16QAM	25	12	15.36	15.41	15.39		
10	16QAM	25	25	15.40	15.44	15.31		
10	16QAM	50	0	15.42	15.40	15.29		
10	64QAM	1	0	15.42	15.48	15.40	16.5	0
10	64QAM	1	25	15.46	15.47	15.30		
10	64QAM	1	49	15.42	15.59	15.44		
10	64QAM	25	0	15.40	15.56	15.35	16.5	0
10	64QAM	25	12	15.32	15.57	15.39		
10	64QAM	25	25	15.44	15.45	15.37		
10	64QAM	50	0	15.42	15.53	15.33		
10	256QAM	1	0	15.35	15.44	15.42	16.5	0
10	256QAM	1	25	15.42	15.51	15.33		
10	256QAM	1	49	15.37	15.49	15.32		
10	256QAM	25	0	15.50	15.57	15.34	16.5	0
10	256QAM	25	12	15.50	15.40	15.35		
10	256QAM	25	25	15.54	15.48	15.34		
10	256QAM	50	0	15.46	15.43	15.29		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.49	15.60	15.37	16.5	0
5	QPSK	1	12	15.48	15.53	15.40		
5	QPSK	1	24	15.47	15.60	15.46		
5	QPSK	12	0	15.56	15.60	15.38	16.5	0
5	QPSK	12	7	15.41	15.43	15.35		
5	QPSK	12	13	15.46	15.55	15.35		
5	QPSK	25	0	15.34	15.45	15.38		
5	16QAM	1	0	15.38	15.46	15.31	16.5	0
5	16QAM	1	12	15.41	15.41	15.33		
5	16QAM	1	24	15.40	15.43	15.33		
5	16QAM	12	0	15.49	15.48	15.43	16.5	0
5	16QAM	12	7	15.31	15.43	15.32		
5	16QAM	12	13	15.52	15.51	15.34		
5	16QAM	25	0	15.45	15.40	15.35		
5	64QAM	1	0	15.32	15.50	15.44	16.5	0
5	64QAM	1	12	15.52	15.49	15.22		
5	64QAM	1	24	15.47	15.48	15.38		
5	64QAM	12	0	15.39	15.48	15.36	16.5	0
5	64QAM	12	7	15.44	15.53	15.41		
5	64QAM	12	13	15.45	15.52	15.29		
5	64QAM	25	0	15.47	15.48	15.32		
5	256QAM	1	0	15.31	15.41	15.34	16.5	0
5	256QAM	1	12	15.31	15.58	15.38		
5	256QAM	1	24	15.38	15.54	15.42		
5	256QAM	12	0	15.50	15.50	15.30	16.5	0
5	256QAM	12	7	15.50	15.51	15.42		
5	256QAM	12	13	15.52	15.47	15.23		
5	256QAM	25	0	15.46	15.48	15.28		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.80	16.88	16.82	17.4	0
20	QPSK	1	49	16.74	16.76	16.75		
20	QPSK	1	99	16.65	16.87	16.80		
20	QPSK	50	0	16.78	16.85	16.79	17.4	0
20	QPSK	50	24	16.66	16.80	16.69		
20	QPSK	50	50	16.73	16.74	16.76		
20	QPSK	100	0	16.78	16.82	16.75		
20	16QAM	1	0	16.67	16.87	16.78	17.4	0
20	16QAM	1	49	16.78	16.78	16.77		
20	16QAM	1	99	16.74	16.75	16.69		
20	16QAM	50	0	16.68	16.75	16.79	17.4	0
20	16QAM	50	24	16.68	16.85	16.70		
20	16QAM	50	50	16.75	16.74	16.67		
20	16QAM	100	0	16.67	16.74	16.73		
20	64QAM	1	0	16.77	16.86	16.74	17.4	0
20	64QAM	1	49	16.68	16.80	16.68		
20	64QAM	1	99	16.70	16.75	16.75		
20	64QAM	50	0	16.71	16.83	16.81	17.4	0
20	64QAM	50	24	16.68	16.75	16.79		
20	64QAM	50	50	16.68	16.85	16.81		
20	64QAM	100	0	16.71	16.84	16.70		
20	256QAM	1	0	16.78	16.78	16.78	17.4	0
20	256QAM	1	49	16.65	16.75	16.72		
20	256QAM	1	99	16.72	16.80	16.68		
20	256QAM	50	0	16.76	16.73	16.71	17.4	0
20	256QAM	50	24	16.76	16.82	16.73		
20	256QAM	50	50	16.68	16.73	16.79		
20	256QAM	100	0	16.71	16.73	16.80		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.76	16.86	16.79	17.4	0
15	QPSK	1	37	16.67	16.65	16.74		
15	QPSK	1	74	16.56	16.83	16.69		
15	QPSK	36	0	16.64	16.81	16.73	17.4	0
15	QPSK	36	20	16.61	16.75	16.64		
15	QPSK	36	39	16.62	16.69	16.63		
15	QPSK	75	0	16.69	16.80	16.65		
15	16QAM	1	0	16.66	16.74	16.70	17.4	0
15	16QAM	1	37	16.66	16.77	16.63		
15	16QAM	1	74	16.61	16.63	16.62		
15	16QAM	36	0	16.61	16.67	16.76	17.4	0
15	16QAM	36	20	16.61	16.74	16.64		
15	16QAM	36	39	16.64	16.69	16.59		
15	16QAM	75	0	16.63	16.62	16.72		
15	64QAM	1	0	16.64	16.76	16.61	17.4	0
15	64QAM	1	37	16.55	16.68	16.63		
15	64QAM	1	74	16.59	16.62	16.72		
15	64QAM	36	0	16.66	16.70	16.75	17.4	0
15	64QAM	36	20	16.56	16.63	16.71		
15	64QAM	36	39	16.53	16.72	16.76		
15	64QAM	75	0	16.60	16.76	16.58		
15	256QAM	1	0	16.75	16.74	16.63	17.4	0
15	256QAM	1	37	16.58	16.74	16.58		
15	256QAM	1	74	16.65	16.65	16.63		
15	256QAM	36	0	16.71	16.58	16.57	17.4	0
15	256QAM	36	20	16.70	16.80	16.63		
15	256QAM	36	39	16.54	16.64	16.72		
15	256QAM	75	0	16.57	16.64	16.66		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.76	16.83	16.74	17.4	0
10	QPSK	1	25	16.59	16.63	16.72		
10	QPSK	1	49	16.64	16.83	16.70		
10	QPSK	25	0	16.70	16.77	16.65	17.4	0
10	QPSK	25	12	16.54	16.74	16.58		
10	QPSK	25	25	16.59	16.71	16.71		
10	QPSK	50	0	16.76	16.69	16.69		
10	16QAM	1	0	16.54	16.81	16.71	17.4	0
10	16QAM	1	25	16.71	16.72	16.70		
10	16QAM	1	49	16.69	16.62	16.55		
10	16QAM	25	0	16.63	16.67	16.75	17.4	0
10	16QAM	25	12	16.59	16.79	16.57		
10	16QAM	25	25	16.71	16.65	16.58		
10	16QAM	50	0	16.59	16.70	16.59		
10	64QAM	1	0	16.72	16.80	16.65	17.4	0
10	64QAM	1	25	16.56	16.73	16.62		
10	64QAM	1	49	16.62	16.74	16.74		
10	64QAM	25	0	16.69	16.82	16.79	17.4	0
10	64QAM	25	12	16.65	16.65	16.77		
10	64QAM	25	25	16.56	16.76	16.70		
10	64QAM	50	0	16.61	16.71	16.59		
10	256QAM	1	0	16.77	16.73	16.73	17.4	0
10	256QAM	1	25	16.58	16.74	16.71		
10	256QAM	1	49	16.67	16.68	16.61		
10	256QAM	25	0	16.75	16.60	16.67	17.4	0
10	256QAM	25	12	16.68	16.75	16.68		
10	256QAM	25	25	16.59	16.65	16.74		
10	256QAM	50	0	16.58	16.63	16.69		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.71	16.82	16.71	17.4	0
5	QPSK	1	12	16.72	16.72	16.69		
5	QPSK	1	24	16.50	16.83	16.72		
5	QPSK	12	0	16.66	16.82	16.75	17.4	0
5	QPSK	12	7	16.51	16.68	16.65		
5	QPSK	12	13	16.65	16.61	16.70		
5	QPSK	25	0	16.63	16.67	16.66		
5	16QAM	1	0	16.56	16.80	16.76	17.4	0
5	16QAM	1	12	16.72	16.75	16.62		
5	16QAM	1	24	16.63	16.67	16.63		
5	16QAM	12	0	16.64	16.67	16.68	17.4	0
5	16QAM	12	7	16.58	16.80	16.55		
5	16QAM	12	13	16.62	16.70	16.64		
5	16QAM	25	0	16.62	16.62	16.59		
5	64QAM	1	0	16.62	16.82	16.67	17.4	0
5	64QAM	1	12	16.57	16.66	16.64		
5	64QAM	1	24	16.67	16.62	16.67		
5	64QAM	12	0	16.66	16.82	16.76	17.4	0
5	64QAM	12	7	16.62	16.63	16.64		
5	64QAM	12	13	16.56	16.70	16.76		
5	64QAM	25	0	16.57	16.81	16.69		
5	256QAM	1	0	16.74	16.69	16.72	17.4	0
5	256QAM	1	12	16.54	16.73	16.63		
5	256QAM	1	24	16.63	16.77	16.62		
5	256QAM	12	0	16.66	16.62	16.66	17.4	0
5	256QAM	12	7	16.73	16.68	16.70		
5	256QAM	12	13	16.63	16.63	16.78		
5	256QAM	25	0	16.68	16.65	16.68		

Band 7_Ant 7

BW [MHz]	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	15.88	16.30	16.47	17.5	0
20	QPSK	1	49	15.75	16.16	16.44		
20	QPSK	1	99	15.75	16.24	16.45		
20	QPSK	50	0	15.87	16.23	16.45	17.5	0
20	QPSK	50	24	15.75	16.19	16.40		
20	QPSK	50	50	15.82	16.18	16.34		
20	QPSK	100	0	15.87	16.22	16.41		
20	16QAM	1	0	15.84	16.16	16.44	17.5	0
20	16QAM	1	49	15.85	16.16	16.38		
20	16QAM	1	99	15.86	16.26	16.46		
20	16QAM	50	0	15.86	16.16	16.39	17.5	0
20	16QAM	50	24	15.80	16.16	16.45		
20	16QAM	50	50	15.77	16.21	16.40		
20	16QAM	100	0	15.85	16.23	16.34		
20	64QAM	1	0	15.78	16.16	16.39	17.5	0
20	64QAM	1	49	15.78	16.17	16.34		
20	64QAM	1	99	15.81	16.26	16.39		
20	64QAM	50	0	15.76	16.20	16.34	17.5	0
20	64QAM	50	24	15.87	16.18	16.41		
20	64QAM	50	50	15.77	16.16	16.37		
20	64QAM	100	0	15.85	16.28	16.34		
20	256QAM	1	0	14.50	14.87	15.17	16	1.5
20	256QAM	1	49	14.53	14.82	15.14		
20	256QAM	1	99	14.45	14.85	15.07		
20	256QAM	50	0	14.35	14.81	15.05	16	1.5
20	256QAM	50	24	14.36	14.75	15.05		
20	256QAM	50	50	14.52	14.87	15.15		
20	256QAM	100	0	14.42	14.82	15.08		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.75	16.24	16.36	17.5	0
15	QPSK	1	37	15.71	16.13	16.42		
15	QPSK	1	74	15.64	16.11	16.40		
15	QPSK	36	0	15.82	16.21	16.39	17.5	0
15	QPSK	36	20	15.68	16.08	16.28		
15	QPSK	36	39	15.72	16.06	16.19		
15	QPSK	75	0	15.81	16.11	16.35		
15	16QAM	1	0	15.83	16.14	16.30	17.5	0
15	16QAM	1	37	15.71	16.05	16.30		
15	16QAM	1	74	15.78	16.16	16.31		
15	16QAM	36	0	15.74	16.06	16.32	17.5	0
15	16QAM	36	20	15.75	16.15	16.42		
15	16QAM	36	39	15.76	16.15	16.36		
15	16QAM	75	0	15.77	16.19	16.25		
15	64QAM	1	0	15.67	16.13	16.35	17.5	0
15	64QAM	1	37	15.69	16.11	16.24		
15	64QAM	1	74	15.74	16.13	16.26		
15	64QAM	36	0	15.75	16.10	16.26	17.5	0
15	64QAM	36	20	15.80	16.04	16.37		
15	64QAM	36	39	15.74	16.11	16.25		
15	64QAM	75	0	15.80	16.14	16.25		
15	256QAM	1	0	14.35	14.72	15.09	16	1.5
15	256QAM	1	37	14.38	14.73	15.04		
15	256QAM	1	74	14.41	14.78	15.02		
15	256QAM	36	0	14.25	14.74	14.93	16	1.5
15	256QAM	36	20	14.29	14.73	15.02		
15	256QAM	36	39	14.46	14.80	15.13		
15	256QAM	75	0	14.32	14.88	15.01		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.83	16.24	16.42	17.5	0
10	QPSK	1	25	15.61	16.08	16.32		
10	QPSK	1	49	15.70	16.10	16.31		
10	QPSK	25	0	15.80	16.24	16.39	17.5	0
10	QPSK	25	12	15.66	16.18	16.35		
10	QPSK	25	25	15.69	16.17	16.33		
10	QPSK	50	0	15.76	16.10	16.31		
10	16QAM	1	0	15.83	16.09	16.34	17.5	0
10	16QAM	1	25	15.82	16.03	16.37		
10	16QAM	1	49	15.83	16.17	16.45		
10	16QAM	25	0	15.82	16.03	16.26	17.5	0
10	16QAM	25	12	15.76	16.02	16.34		
10	16QAM	25	25	15.72	16.18	16.39		
10	16QAM	50	0	15.81	16.11	16.28		
10	64QAM	1	0	15.70	16.04	16.30	17.5	0
10	64QAM	1	25	15.70	16.03	16.30		
10	64QAM	1	49	15.78	16.18	16.29		
10	64QAM	25	0	15.75	16.19	16.27	17.5	0
10	64QAM	25	12	15.83	16.05	16.28		
10	64QAM	25	25	15.71	16.05	16.31		
10	64QAM	50	0	15.82	16.25	16.31		
10	256QAM	1	0	14.41	14.76	15.03	16	1.5
10	256QAM	1	25	14.39	14.67	15.08		
10	256QAM	1	49	14.42	14.76	15.03		
10	256QAM	25	0	14.22	14.66	14.97	16	1.5
10	256QAM	25	12	14.27	14.63	14.97		
10	256QAM	25	25	14.51	14.81	15.05		
10	256QAM	50	0	14.31	14.78	15.05		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.84	16.20	16.46	17.5	0
5	QPSK	1	12	15.62	16.11	16.29		
5	QPSK	1	24	15.74	16.11	16.43		
5	QPSK	12	0	15.78	16.21	16.38	17.5	0
5	QPSK	12	7	15.61	16.11	16.27		
5	QPSK	12	13	15.70	16.07	16.24		
5	QPSK	25	0	15.77	16.17	16.39		
5	16QAM	1	0	15.79	16.14	16.43	17.5	0
5	16QAM	1	12	15.71	16.14	16.27		
5	16QAM	1	24	15.72	16.15	16.45		
5	16QAM	12	0	15.75	16.04	16.25	17.5	0
5	16QAM	12	7	15.66	16.02	16.32		
5	16QAM	12	13	15.70	16.09	16.38		
5	16QAM	25	0	15.79	16.13	16.21		
5	64QAM	1	0	15.64	16.02	16.38	17.5	0
5	64QAM	1	12	15.68	16.11	16.28		
5	64QAM	1	24	15.76	16.18	16.38		
5	64QAM	12	0	15.74	16.13	16.23	17.5	0
5	64QAM	12	7	15.79	16.05	16.33		
5	64QAM	12	13	15.66	16.15	16.30		
5	64QAM	25	0	15.84	16.13	16.28		
5	256QAM	1	0	14.42	14.78	15.13	16	1.5
5	256QAM	1	12	14.50	14.67	15.10		
5	256QAM	1	24	14.32	14.71	15.02		
5	256QAM	12	0	14.20	14.77	14.96	16	1.5
5	256QAM	12	7	14.26	14.66	14.98		
5	256QAM	12	13	14.50	14.81	15.11		
5	256QAM	25	0	14.36	14.74	14.97		

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BW [MHz]	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	22.83	22.88	22.84	23.8	0
10	QPSK	1	25	22.73	22.80	22.67		
10	QPSK	1	49	22.79	22.80	22.78		
10	QPSK	25	0	22.26	22.33	22.28	23.3	0.5
10	QPSK	25	12	22.25	22.17	22.16		
10	QPSK	25	25	22.23	22.15	22.25		
10	QPSK	50	0	22.27	22.30	22.23		
10	16QAM	1	0	22.61	22.53	22.54	23.3	0.5
10	16QAM	1	25	22.46	22.42	22.58		
10	16QAM	1	49	22.73	22.61	22.56		
10	16QAM	25	0	21.67	21.64	21.68	22.8	1
10	16QAM	25	12	21.72	21.62	21.70		
10	16QAM	25	25	21.79	21.60	21.74		
10	16QAM	50	0	21.77	21.64	21.79		
10	64QAM	1	0	21.55	21.56	21.58	22.8	1
10	64QAM	1	25	21.50	21.52	21.50		
10	64QAM	1	49	21.35	21.33	21.47		
10	64QAM	25	0	20.70	20.64	20.65	21.8	2
10	64QAM	25	12	20.74	20.59	20.70		
10	64QAM	25	25	20.78	20.70	20.68		
10	64QAM	50	0	20.71	20.66	20.72		
10	256QAM	1	0	17.67	17.78	17.71	18.8	5
10	256QAM	1	25	17.62	17.65	17.60		
10	256QAM	1	49	17.65	17.66	17.58		
10	256QAM	25	0	17.65	17.74	17.59	18.8	5
10	256QAM	25	12	17.58	17.63	17.50		
10	256QAM	25	25	17.62	17.74	17.64		
10	256QAM	50	0	17.71	17.72	17.69		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.63	22.79	22.66	23.8	0
5	QPSK	1	12	22.75	22.84	22.73		
5	QPSK	1	24	22.75	22.65	22.72		
5	QPSK	12	0	22.16	22.27	22.18	23.3	0.5
5	QPSK	12	7	22.15	22.15	22.09		
5	QPSK	12	13	22.22	22.02	22.15		
5	QPSK	25	0	22.17	22.25	22.08		
5	16QAM	1	0	22.54	22.49	22.41	23.3	0.5
5	16QAM	1	12	22.41	22.28	22.55		
5	16QAM	1	24	22.62	22.58	22.44		
5	16QAM	12	0	21.60	21.50	21.67	22.8	1
5	16QAM	12	7	21.58	21.50	21.68		
5	16QAM	12	13	21.69	21.56	21.67		
5	16QAM	25	0	21.69	21.54	21.69		
5	64QAM	1	0	21.52	21.43	21.53	22.8	1
5	64QAM	1	12	21.41	21.42	21.43		
5	64QAM	1	24	21.24	21.27	21.46		
5	64QAM	12	0	20.60	20.52	20.64	21.8	2
5	64QAM	12	7	20.65	20.49	20.57		
5	64QAM	12	13	20.69	20.65	20.56		
5	64QAM	25	0	20.60	20.58	20.66		
5	256QAM	1	0	17.59	17.71	17.61	18.8	5
5	256QAM	1	12	17.54	17.55	17.58		
5	256QAM	1	24	17.51	17.55	17.44		
5	256QAM	12	0	17.53	17.65	17.44	18.8	5
5	256QAM	12	7	17.45	17.50	17.40		
5	256QAM	12	13	17.61	17.62	17.55		
5	256QAM	25	0	17.57	17.70	17.64		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.65	22.67	22.58	23.8	0
3	QPSK	1	8	22.72	22.86	22.83		
3	QPSK	1	14	22.76	22.75	22.76		
3	QPSK	8	0	22.22	22.22	22.13	23.3	0.5
3	QPSK	8	4	22.21	22.11	22.11		
3	QPSK	8	7	22.10	22.04	22.17		
3	QPSK	15	0	22.13	22.16	22.10		
3	16QAM	1	0	22.48	22.43	22.39	23.3	0.5
3	16QAM	1	8	22.38	22.28	22.56		
3	16QAM	1	14	22.59	22.48	22.41		
3	16QAM	8	0	21.54	21.53	21.61	22.8	1
3	16QAM	8	4	21.66	21.55	21.62		
3	16QAM	8	7	21.68	21.47	21.70		
3	16QAM	15	0	21.69	21.63	21.67		
3	64QAM	1	0	21.43	21.52	21.55	22.8	1
3	64QAM	1	8	21.45	21.41	21.37		
3	64QAM	1	14	21.23	21.19	21.33		
3	64QAM	8	0	20.59	20.55	20.57	21.8	2
3	64QAM	8	4	20.70	20.50	20.69		
3	64QAM	8	7	20.66	20.62	20.57		
3	64QAM	15	0	20.66	20.54	20.64		
3	256QAM	1	0	17.63	17.66	17.64	18.8	5
3	256QAM	1	8	17.59	17.58	17.46		
3	256QAM	1	14	17.64	17.60	17.49		
3	256QAM	8	0	17.57	17.66	17.52	18.8	5
3	256QAM	8	4	17.53	17.62	17.41		
3	256QAM	8	7	17.52	17.73	17.53		
3	256QAM	15	0	17.65	17.57	17.58		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.69	22.71	22.54	23.8	0
1.4	QPSK	1	3	22.72	22.75	22.82		
1.4	QPSK	1	5	22.72	22.74	22.70		
1.4	QPSK	3	0	22.71	22.65	22.55		
1.4	QPSK	3	1	22.74	22.74	22.78		
1.4	QPSK	3	3	22.75	22.73	22.68		
1.4	QPSK	6	0	22.24	22.17	22.22	23.3	0.5
1.4	16QAM	1	0	22.50	22.41	22.44	23.3	0.5
1.4	16QAM	1	3	22.41	22.38	22.56		
1.4	16QAM	1	5	22.69	22.51	22.49		
1.4	16QAM	3	0	22.49	22.40	22.42		
1.4	16QAM	3	1	22.36	22.35	22.56		
1.4	16QAM	3	3	22.71	22.52	22.43		
1.4	16QAM	6	0	21.66	21.59	21.72	22.8	1
1.4	64QAM	1	0	21.40	21.46	21.46	22.8	1
1.4	64QAM	1	3	21.46	21.39	21.46		
1.4	64QAM	1	5	21.24	21.29	21.33		
1.4	64QAM	3	0	21.41	21.48	21.43		
1.4	64QAM	3	1	21.49	21.48	21.47		
1.4	64QAM	3	3	21.27	21.21	21.41		
1.4	64QAM	6	0	20.67	20.53	20.58	21.8	2
1.4	256QAM	1	0	17.60	17.74	17.65	18.8	5
1.4	256QAM	1	3	17.58	17.54	17.48		
1.4	256QAM	1	5	17.64	17.63	17.47		
1.4	256QAM	3	0	17.53	17.72	17.46		
1.4	256QAM	3	1	17.44	17.48	17.45		
1.4	256QAM	3	3	17.60	17.71	17.56		
1.4	256QAM	6	0	17.64	17.63	17.56	18.8	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	19.70	19.75	19.68	20.8	0
10	QPSK	1	25	19.61	19.68	19.59		
10	QPSK	1	49	19.59	19.74	19.59		
10	QPSK	25	0	19.69	19.74	19.63	20.8	0
10	QPSK	25	12	19.56	19.65	19.62		
10	QPSK	25	25	19.68	19.73	19.54		
10	QPSK	50	0	19.62	19.70	19.56		
10	16QAM	1	0	19.64	19.73	19.59	20.8	0
10	16QAM	1	25	19.67	19.68	19.60		
10	16QAM	1	49	19.60	19.65	19.53		
10	16QAM	25	0	19.61	19.71	19.58	20.8	0
10	16QAM	25	12	19.66	19.65	19.63		
10	16QAM	25	25	19.62	19.66	19.62		
10	16QAM	50	0	19.62	19.61	19.54		
10	64QAM	1	0	19.66	19.65	19.67	20.8	0
10	64QAM	1	25	19.61	19.66	19.57		
10	64QAM	1	49	19.61	19.61	19.58		
10	64QAM	25	0	19.66	19.74	19.53	20.8	0
10	64QAM	25	12	19.59	19.71	19.59		
10	64QAM	25	25	19.61	19.71	19.65		
10	64QAM	50	0	19.60	19.62	19.64		
10	256QAM	1	0	17.10	17.24	17.21	18.3	2.5
10	256QAM	1	25	17.13	17.22	17.18		
10	256QAM	1	49	17.13	17.16	17.05		
10	256QAM	25	0	17.02	17.09	17.04	18.3	2.5
10	256QAM	25	12	17.00	17.11	17.01		
10	256QAM	25	25	17.10	17.21	17.09		
10	256QAM	50	0	17.04	17.18	17.10		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	19.62	19.69	19.59	20.8	0
5	QPSK	1	12	19.50	19.59	19.56		
5	QPSK	1	24	19.55	19.64	19.57		
5	QPSK	12	0	19.59	19.66	19.48	20.8	0
5	QPSK	12	7	19.46	19.51	19.57		
5	QPSK	12	13	19.62	19.70	19.39		
5	QPSK	25	0	19.53	19.67	19.51		
5	16QAM	1	0	19.58	19.64	19.46	20.8	0
5	16QAM	1	12	19.58	19.63	19.46		
5	16QAM	1	24	19.59	19.58	19.39		
5	16QAM	12	0	19.52	19.60	19.52	20.8	0
5	16QAM	12	7	19.51	19.60	19.48		
5	16QAM	12	13	19.59	19.61	19.50		
5	16QAM	25	0	19.48	19.46	19.48		
5	64QAM	1	0	19.55	19.62	19.63	20.8	0
5	64QAM	1	12	19.58	19.62	19.55		
5	64QAM	1	24	19.55	19.57	19.47		
5	64QAM	12	0	19.56	19.69	19.40	20.8	0
5	64QAM	12	7	19.52	19.69	19.57		
5	64QAM	12	13	19.53	19.57	19.55		
5	64QAM	25	0	19.45	19.57	19.62		
5	256QAM	1	0	16.97	17.15	17.09	18.3	2.5
5	256QAM	1	12	17.06	17.11	17.14		
5	256QAM	1	24	17.07	17.15	16.98		
5	256QAM	12	0	16.95	16.97	16.95	18.3	2.5
5	256QAM	12	7	16.94	17.09	16.91		
5	256QAM	12	13	17.04	17.12	17.07		
5	256QAM	25	0	16.93	17.11	16.99		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	19.69	19.68	19.55	20.8	0
3	QPSK	1	8	19.55	19.58	19.49		
3	QPSK	1	14	19.47	19.60	19.51		
3	QPSK	8	0	19.60	19.68	19.48	20.8	0
3	QPSK	8	4	19.50	19.50	19.52		
3	QPSK	8	7	19.66	19.61	19.43		
3	QPSK	15	0	19.59	19.64	19.53		
3	16QAM	1	0	19.57	19.68	19.51	20.8	0
3	16QAM	1	8	19.64	19.62	19.53		
3	16QAM	1	14	19.50	19.50	19.41		
3	16QAM	8	0	19.46	19.70	19.45	20.8	0
3	16QAM	8	4	19.60	19.57	19.58		
3	16QAM	8	7	19.51	19.57	19.48		
3	16QAM	15	0	19.55	19.58	19.40		
3	64QAM	1	0	19.51	19.59	19.54	20.8	0
3	64QAM	1	8	19.55	19.59	19.51		
3	64QAM	1	14	19.53	19.46	19.43		
3	64QAM	8	0	19.62	19.60	19.49	20.8	0
3	64QAM	8	4	19.46	19.63	19.45		
3	64QAM	8	7	19.60	19.67	19.53		
3	64QAM	15	0	19.59	19.60	19.59		
3	256QAM	1	0	16.99	17.21	17.17	18.3	2.5
3	256QAM	1	8	17.05	17.16	17.14		
3	256QAM	1	14	17.09	17.02	17.03		
3	256QAM	8	0	16.89	17.04	16.94	18.3	2.5
3	256QAM	8	4	16.97	16.99	16.90		
3	256QAM	8	7	17.05	17.13	16.95		
3	256QAM	15	0	17.03	17.07	17.08		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	19.55	19.61	19.61	20.8	0
1.4	QPSK	1	3	19.46	19.60	19.53		
1.4	QPSK	1	5	19.52	19.64	19.57		
1.4	QPSK	3	0	19.54	19.72	19.49		
1.4	QPSK	3	1	19.49	19.51	19.56		
1.4	QPSK	3	3	19.57	19.67	19.43		
1.4	QPSK	6	0	19.47	19.58	19.55	20.8	0
1.4	16QAM	1	0	19.51	19.68	19.56	20.8	0
1.4	16QAM	1	3	19.63	19.52	19.58		
1.4	16QAM	1	5	19.53	19.54	19.48		
1.4	16QAM	3	0	19.53	19.57	19.51		
1.4	16QAM	3	1	19.53	19.56	19.58		
1.4	16QAM	3	3	19.53	19.61	19.50		
1.4	16QAM	6	0	19.48	19.60	19.45	20.8	0
1.4	64QAM	1	0	19.64	19.51	19.55	20.8	0
1.4	64QAM	1	3	19.53	19.64	19.55		
1.4	64QAM	1	5	19.52	19.49	19.57		
1.4	64QAM	3	0	19.53	19.66	19.39		
1.4	64QAM	3	1	19.57	19.62	19.51		
1.4	64QAM	3	3	19.55	19.69	19.61		
1.4	64QAM	6	0	19.45	19.59	19.55	20.8	0
1.4	256QAM	1	0	16.99	17.22	17.12	18.3	2.5
1.4	256QAM	1	3	17.06	17.17	17.09		
1.4	256QAM	1	5	17.05	17.05	16.92		
1.4	256QAM	3	0	16.93	17.07	16.97		
1.4	256QAM	3	1	16.99	17.01	16.94		
1.4	256QAM	3	3	17.09	17.08	16.96		
1.4	256QAM	6	0	16.91	17.11	16.97	18.3	2.5

Band 13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.88		23.8	0
10	QPSK	1	25		22.78			
10	QPSK	1	49		22.85			
10	QPSK	25	0		22.53		23.3	0.5
10	QPSK	25	12		22.42			
10	QPSK	25	25		22.48			
10	QPSK	50	0		22.50			
10	16QAM	1	0		22.36		23.3	0.5
10	16QAM	1	25		22.45			
10	16QAM	1	49		22.60			
10	16QAM	25	0		21.94		22.8	1
10	16QAM	25	12		21.93			
10	16QAM	25	25		21.98			
10	16QAM	50	0		21.95			
10	64QAM	1	0		21.28		22.8	1
10	64QAM	1	25		21.44			
10	64QAM	1	49		21.49			
10	64QAM	25	0		20.85		21.8	2
10	64QAM	25	12		20.85			
10	64QAM	25	25		20.91			
10	64QAM	50	0		20.92			
10	256QAM	1	0		17.72		18.8	5
10	256QAM	1	25		17.71			
10	256QAM	1	49		17.71			
10	256QAM	25	0		17.70		18.8	5
10	256QAM	25	12		17.67			
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.64			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.73	22.65	22.72	23.8	0
5	QPSK	1	12	22.84	22.86	22.85		
5	QPSK	1	24	22.80	22.77	22.71		
5	QPSK	12	0	22.50	22.41	22.40	23.3	0.5
5	QPSK	12	7	22.39	22.30	22.35		
5	QPSK	12	13	22.47	22.47	22.34		
5	QPSK	25	0	22.35	22.47	22.47		
5	16QAM	1	0	22.34	22.26	22.23	23.3	0.5
5	16QAM	1	12	22.30	22.38	22.34		
5	16QAM	1	24	22.59	22.48	22.58		
5	16QAM	12	0	21.84	21.84	21.89	22.8	1
5	16QAM	12	7	21.85	21.87	21.85		
5	16QAM	12	13	21.85	21.94	21.95		
5	16QAM	25	0	21.80	21.89	21.93		
5	64QAM	1	0	21.17	21.18	21.24	22.8	1
5	64QAM	1	12	21.33	21.41	21.35		
5	64QAM	1	24	21.38	21.42	21.34		
5	64QAM	12	0	20.82	20.82	20.75	21.8	2
5	64QAM	12	7	20.79	20.70	20.74		
5	64QAM	12	13	20.76	20.77	20.78		
5	64QAM	25	0	20.90	20.87	20.82		
5	256QAM	1	0	17.66	17.70	17.60	18.8	5
5	256QAM	1	12	17.63	17.61	17.63		
5	256QAM	1	24	17.66	17.61	17.63		
5	256QAM	12	0	17.63	17.64	17.67	18.8	5
5	256QAM	12	7	17.66	17.60	17.56		
5	256QAM	12	13	17.67	17.58	17.66		
5	256QAM	25	0	17.51	17.52	17.63		

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		20.20		21.3	0
10	QPSK	1	25		20.15			
10	QPSK	1	49		20.18			
10	QPSK	25	0		20.16		21.3	0
10	QPSK	25	12		20.09			
10	QPSK	25	25		20.05			
10	QPSK	50	0		20.05			
10	16QAM	1	0		20.03		21.3	0
10	16QAM	1	25		20.07			
10	16QAM	1	49		20.19			
10	16QAM	25	0		20.10		21.3	0
10	16QAM	25	12		20.03			
10	16QAM	25	25		20.11			
10	16QAM	50	0		20.14			
10	64QAM	1	0		20.09		21.3	0
10	64QAM	1	25		20.13			
10	64QAM	1	49		20.09			
10	64QAM	25	0		20.01		21.3	0
10	64QAM	25	12		20.19			
10	64QAM	25	25		20.08			
10	64QAM	50	0		20.11			
10	256QAM	1	0		17.22		18.3	3
10	256QAM	1	25		17.17			
10	256QAM	1	49		17.18			
10	256QAM	25	0		17.09		18.3	3
10	256QAM	25	12		17.09			
10	256QAM	25	25		17.14			
10	256QAM	50	0		17.20			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	20.17	20.12	20.11	21.3	0
5	QPSK	1	12	20.05	20.01	20.11		
5	QPSK	1	24	20.05	20.09	20.14		
5	QPSK	12	0	20.04	20.10	20.08	21.3	0
5	QPSK	12	7	19.99	19.99	20.08		
5	QPSK	12	13	19.95	20.02	19.92		
5	QPSK	25	0	19.90	19.94	19.90		
5	16QAM	1	0	19.94	19.97	19.89	21.3	0
5	16QAM	1	12	19.98	19.99	20.02		
5	16QAM	1	24	20.05	20.14	20.06		
5	16QAM	12	0	20.04	19.95	19.99	21.3	0
5	16QAM	12	7	20.00	19.97	19.92		
5	16QAM	12	13	20.03	20.10	20.07		
5	16QAM	25	0	20.12	20.10	20.00		
5	64QAM	1	0	20.07	20.08	20.02	21.3	0
5	64QAM	1	12	20.07	20.09	20.07		
5	64QAM	1	24	20.05	20.01	20.02		
5	64QAM	12	0	19.98	19.92	19.88	21.3	0
5	64QAM	12	7	20.07	20.04	20.06		
5	64QAM	12	13	20.03	19.96	20.00		
5	64QAM	25	0	19.99	20.03	19.98		
5	256QAM	1	0	17.13	17.08	17.20	18.3	3
5	256QAM	1	12	17.10	17.12	17.06		
5	256QAM	1	24	17.17	17.05	17.11		
5	256QAM	12	0	17.06	17.02	16.95	18.3	3
5	256QAM	12	7	17.01	17.04	17.07		
5	256QAM	12	13	17.01	17.05	17.02		
5	256QAM	25	0	17.10	17.14	17.14		

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	22.93	22.96	22.91	23.8	0
10	QPSK	1	25	22.88	22.84	22.82		
10	QPSK	1	49	22.85	22.91	22.87		
10	QPSK	25	0	22.38	22.42	22.40	23.3	0.5
10	QPSK	25	12	22.35	22.40	22.37		
10	QPSK	25	25	22.37	22.34	22.38		
10	QPSK	50	0	22.34	22.40	22.38		
10	16QAM	1	0	22.61	22.65	22.72	23.3	0.5
10	16QAM	1	25	22.52	22.57	22.70		
10	16QAM	1	49	22.58	22.76	22.65		
10	16QAM	25	0	21.80	21.72	21.85	22.8	1
10	16QAM	25	12	21.84	21.82	21.85		
10	16QAM	25	25	21.79	21.88	21.87		
10	16QAM	50	0	21.82	21.79	21.89		
10	64QAM	1	0	21.62	21.59	21.64	22.8	1
10	64QAM	1	25	21.64	21.50	21.50		
10	64QAM	1	49	21.73	21.66	21.60		
10	64QAM	25	0	20.85	20.77	20.93	21.8	2
10	64QAM	25	12	20.86	20.88	20.89		
10	64QAM	25	25	20.91	20.84	20.90		
10	64QAM	50	0	20.82	20.81	20.86		
10	256QAM	1	0	17.77	17.86	17.85	18.8	5
10	256QAM	1	25	17.72	17.76	17.61		
10	256QAM	1	49	17.62	17.76	17.69		
10	256QAM	25	0	17.72	17.82	17.78	18.8	5
10	256QAM	25	12	17.59	17.72	17.65		
10	256QAM	25	25	17.67	17.74	17.70		
10	256QAM	50	0	17.65	17.74	17.70		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.77	22.71	22.77	23.8	0
5	QPSK	1	12	22.89	22.93	22.77		
5	QPSK	1	24	22.73	22.87	22.81		
5	QPSK	12	0	22.28	22.36	22.38	23.3	0.5
5	QPSK	12	7	22.31	22.37	22.32		
5	QPSK	12	13	22.35	22.22	22.34		
5	QPSK	25	0	22.24	22.27	22.32		
5	16QAM	1	0	22.56	22.62	22.70	23.3	0.5
5	16QAM	1	12	22.39	22.46	22.57		
5	16QAM	1	24	22.51	22.63	22.58		
5	16QAM	12	0	21.72	21.58	21.76	22.8	1
5	16QAM	12	7	21.70	21.74	21.80		
5	16QAM	12	13	21.77	21.83	21.73		
5	16QAM	25	0	21.70	21.73	21.78		
5	64QAM	1	0	21.49	21.53	21.59	22.8	1
5	64QAM	1	12	21.52	21.46	21.35		
5	64QAM	1	24	21.68	21.62	21.49		
5	64QAM	12	0	20.77	20.62	20.82	21.8	2
5	64QAM	12	7	20.84	20.80	20.79		
5	64QAM	12	13	20.81	20.69	20.82		
5	64QAM	25	0	20.69	20.78	20.80		
5	256QAM	1	0	17.64	17.71	17.70	18.8	5
5	256QAM	1	12	17.63	17.67	17.50		
5	256QAM	1	24	17.59	17.67	17.65		
5	256QAM	12	0	17.66	17.79	17.77	18.8	5
5	256QAM	12	7	17.44	17.61	17.54		
5	256QAM	12	13	17.66	17.62	17.68		
5	256QAM	25	0	17.61	17.69	17.68		

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	19.82	19.88	19.85	20.8	0
10	QPSK	1	25	19.81	19.73	19.71		
10	QPSK	1	49	19.79	19.78	19.79		
10	QPSK	25	0	19.80	19.85	19.84	20.8	0
10	QPSK	25	12	19.75	19.73	19.79		
10	QPSK	25	25	19.73	19.80	19.77		
10	QPSK	50	0	19.74	19.82	19.80		
10	16QAM	1	0	19.75	19.85	19.81	20.8	0
10	16QAM	1	25	19.81	19.80	19.77		
10	16QAM	1	49	19.75	19.75	19.73		
10	16QAM	25	0	19.79	19.84	19.77	20.8	0
10	16QAM	25	12	19.79	19.76	19.82		
10	16QAM	25	25	19.72	19.83	19.71		
10	16QAM	50	0	19.78	19.73	19.82		
10	64QAM	1	0	19.80	19.83	19.75	20.8	0
10	64QAM	1	25	19.76	19.82	19.79		
10	64QAM	1	49	19.76	19.84	19.82		
10	64QAM	25	0	19.67	19.87	19.77	20.8	0
10	64QAM	25	12	19.76	19.79	19.84		
10	64QAM	25	25	19.72	19.79	19.72		
10	64QAM	50	0	19.73	19.82	19.77		
10	256QAM	1	0	17.37	17.38	17.24	18.3	2.5
10	256QAM	1	25	17.16	17.25	17.15		
10	256QAM	1	49	17.16	17.24	17.18		
10	256QAM	25	0	17.19	17.31	17.28	18.3	2.5
10	256QAM	25	12	17.33	17.36	17.27		
10	256QAM	25	25	17.19	17.34	17.20		
10	256QAM	50	0	17.20	17.34	17.26		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	19.79	19.75	19.79	20.8	0
5	QPSK	1	12	19.80	19.69	19.58		
5	QPSK	1	24	19.74	19.65	19.78		
5	QPSK	12	0	19.65	19.82	19.79	20.8	0
5	QPSK	12	7	19.62	19.67	19.73		
5	QPSK	12	13	19.67	19.73	19.64		
5	QPSK	25	0	19.63	19.72	19.76		
5	16QAM	1	0	19.72	19.74	19.77	20.8	0
5	16QAM	1	12	19.72	19.73	19.75		
5	16QAM	1	24	19.64	19.61	19.63		
5	16QAM	12	0	19.67	19.80	19.69	20.8	0
5	16QAM	12	7	19.66	19.65	19.74		
5	16QAM	12	13	19.57	19.72	19.58		
5	16QAM	25	0	19.69	19.63	19.73		
5	64QAM	1	0	19.73	19.82	19.61	20.8	0
5	64QAM	1	12	19.64	19.70	19.72		
5	64QAM	1	24	19.75	19.80	19.71		
5	64QAM	12	0	19.57	19.74	19.68	20.8	0
5	64QAM	12	7	19.63	19.77	19.76		
5	64QAM	12	13	19.70	19.69	19.63		
5	64QAM	25	0	19.59	19.75	19.68		
5	256QAM	1	0	17.27	17.28	17.14	18.3	2.5
5	256QAM	1	12	17.02	17.19	17.05		
5	256QAM	1	24	17.06	17.17	17.12		
5	256QAM	12	0	17.06	17.21	17.14	18.3	2.5
5	256QAM	12	7	17.30	17.22	17.24		
5	256QAM	12	13	17.17	17.31	17.16		
5	256QAM	25	0	17.07	17.25	17.12		

Band 26(FCC)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.17	24.20	24.10	25	0
15	QPSK	1	37	24.10	24.06	24.09		
15	QPSK	1	74	24.15	24.03	23.99		
15	QPSK	36	0	23.65	23.67	23.60	24.5	0.5
15	QPSK	36	20	23.60	23.56	23.56		
15	QPSK	36	39	23.59	23.52	23.54		
15	QPSK	75	0	23.55	23.61	23.55		
15	16QAM	1	0	23.62	23.90	23.65	24.5	0.5
15	16QAM	1	37	23.81	23.87	23.60		
15	16QAM	1	74	23.66	23.82	23.61		
15	16QAM	36	0	23.16	23.01	23.06	24	1
15	16QAM	36	20	23.15	23.05	23.15		
15	16QAM	36	39	23.10	23.01	23.01		
15	16QAM	75	0	23.12	23.07	23.09		
15	64QAM	1	0	22.71	22.93	22.96	24	1
15	64QAM	1	37	23.00	22.95	22.92		
15	64QAM	1	74	22.75	22.89	22.88		
15	64QAM	36	0	22.18	22.04	22.09	23	2
15	64QAM	36	20	22.09	22.05	22.10		
15	64QAM	36	39	22.17	22.04	22.04		
15	64QAM	75	0	22.07	21.94	22.00		
15	256QAM	1	0	19.05	19.08	19.05	20	5
15	256QAM	1	37	18.82	18.95	18.88		
15	256QAM	1	74	18.86	18.93	18.87		
15	256QAM	36	0	18.91	18.98	18.95	20	5
15	256QAM	36	20	18.89	19.03	18.91		
15	256QAM	36	39	18.89	18.94	18.90		
15	256QAM	75	0	18.92	18.98	18.97		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.00	24.00	23.89	25	0
10	QPSK	1	25	24.06	24.12	23.99		
10	QPSK	1	49	24.02	23.92	23.85		
10	QPSK	25	0	23.45	23.58	23.46	24.5	0.5
10	QPSK	25	12	23.40	23.44	23.46		
10	QPSK	25	25	23.45	23.45	23.41		
10	QPSK	50	0	23.44	23.43	23.38		
10	16QAM	1	0	23.53	23.77	23.50	24.5	0.5
10	16QAM	1	25	23.61	23.81	23.52		
10	16QAM	1	49	23.48	23.72	23.50		
10	16QAM	25	0	23.04	22.87	22.97	24	1
10	16QAM	25	12	22.99	22.85	22.96		
10	16QAM	25	25	22.90	22.94	22.82		
10	16QAM	50	0	22.98	22.87	23.01		
10	64QAM	1	0	22.58	22.85	22.84	24	1
10	64QAM	1	25	22.84	22.86	22.73		
10	64QAM	1	49	22.55	22.75	22.74		
10	64QAM	25	0	22.01	21.94	21.89	23	2
10	64QAM	25	12	21.98	21.99	21.91		
10	64QAM	25	25	22.09	21.91	21.89		
10	64QAM	50	0	21.98	21.81	21.93		
10	256QAM	1	0	19.00	18.97	18.96	20	5
10	256QAM	1	25	18.72	18.91	18.77		
10	256QAM	1	49	18.72	18.82	18.74		
10	256QAM	25	0	18.77	18.89	18.90	20	5
10	256QAM	25	12	18.83	19.02	18.88		
10	256QAM	25	25	18.84	18.87	18.84		
10	256QAM	50	0	18.88	18.83	18.91		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.04	23.96	23.99	25	0
5	QPSK	1	12	23.97	24.12	24.03		
5	QPSK	1	24	23.97	23.95	23.91		
5	QPSK	12	0	23.49	23.58	23.48	24.5	0.5
5	QPSK	12	7	23.52	23.42	23.45		
5	QPSK	12	13	23.50	23.44	23.47		
5	QPSK	25	0	23.49	23.51	23.44		
5	16QAM	1	0	23.50	23.77	23.56	24.5	0.5
5	16QAM	1	12	23.71	23.78	23.52		
5	16QAM	1	24	23.54	23.65	23.41		
5	16QAM	12	0	23.06	22.91	22.97	24	1
5	16QAM	12	7	22.97	22.88	23.02		
5	16QAM	12	13	22.90	22.94	22.81		
5	16QAM	25	0	23.03	22.87	22.96		
5	64QAM	1	0	22.51	22.83	22.81	24	1
5	64QAM	1	12	22.87	22.86	22.81		
5	64QAM	1	24	22.55	22.75	22.80		
5	64QAM	12	0	22.01	21.87	21.96	23	2
5	64QAM	12	7	21.91	21.93	22.03		
5	64QAM	12	13	21.99	21.91	21.98		
5	64QAM	25	0	21.96	21.85	21.88		
5	256QAM	1	0	18.93	19.02	18.92	20	5
5	256QAM	1	12	18.72	18.89	18.77		
5	256QAM	1	24	18.81	18.79	18.80		
5	256QAM	12	0	18.80	18.87	18.82	20	5
5	256QAM	12	7	18.76	18.97	18.87		
5	256QAM	12	13	18.79	18.93	18.83		
5	256QAM	25	0	18.89	18.97	18.84		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.91	23.87	23.94	25	0
3	QPSK	1	8	24.08	24.00	23.94		
3	QPSK	1	14	23.98	23.96	23.81		
3	QPSK	8	0	23.55	23.58	23.46	24.5	0.5
3	QPSK	8	4	23.42	23.39	23.42		
3	QPSK	8	7	23.52	23.46	23.36		
3	QPSK	15	0	23.47	23.44	23.45		
3	16QAM	1	0	23.53	23.83	23.57	24.5	0.5
3	16QAM	1	8	23.61	23.70	23.40		
3	16QAM	1	14	23.59	23.66	23.46		
3	16QAM	8	0	23.09	22.92	22.94	24	1
3	16QAM	8	4	22.98	22.99	22.96		
3	16QAM	8	7	23.01	22.85	22.91		
3	16QAM	15	0	22.92	22.87	22.97		
3	64QAM	1	0	22.53	22.74	22.89	24	1
3	64QAM	1	8	22.89	22.83	22.85		
3	64QAM	1	14	22.63	22.77	22.77		
3	64QAM	8	0	22.05	21.88	21.94	23	2
3	64QAM	8	4	21.96	21.99	21.96		
3	64QAM	8	7	22.02	21.96	21.89		
3	64QAM	15	0	22.03	21.90	21.95		
3	256QAM	1	0	19.04	19.03	18.96	20	5
3	256QAM	1	8	18.71	18.80	18.78		
3	256QAM	1	14	18.71	18.79	18.86		
3	256QAM	8	0	18.82	18.86	18.89	20	5
3	256QAM	8	4	18.79	18.92	18.78		
3	256QAM	8	7	18.79	18.88	18.77		
3	256QAM	15	0	18.80	18.86	18.95		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.00	23.90	24.02	25	0
1.4	QPSK	1	3	24.05	24.14	24.00		
1.4	QPSK	1	5	24.08	23.86	23.81		
1.4	QPSK	3	0	24.00	23.96	23.93		
1.4	QPSK	3	1	24.09	24.04	23.95		
1.4	QPSK	3	3	24.01	23.95	23.83		
1.4	QPSK	6	0	23.37	23.51	23.39	24.5	0.5
1.4	16QAM	1	0	23.51	23.71	23.47	24.5	0.5
1.4	16QAM	1	3	23.73	23.69	23.50		
1.4	16QAM	1	5	23.55	23.70	23.41		
1.4	16QAM	3	0	23.51	23.74	23.53		
1.4	16QAM	3	1	23.72	23.78	23.45		
1.4	16QAM	3	3	23.55	23.72	23.51		
1.4	16QAM	6	0	23.01	22.88	22.89	24	1
1.4	64QAM	1	0	22.64	22.74	22.83	24	1
1.4	64QAM	1	3	22.81	22.88	22.77		
1.4	64QAM	1	5	22.59	22.75	22.82		
1.4	64QAM	3	0	22.55	22.86	22.77		
1.4	64QAM	3	1	22.91	22.75	22.86		
1.4	64QAM	3	3	22.64	22.69	22.70		
1.4	64QAM	6	0	22.00	21.81	21.87	23	2
1.4	256QAM	1	0	18.99	18.99	19.02	20	5
1.4	256QAM	1	3	18.81	18.87	18.79		
1.4	256QAM	1	5	18.78	18.78	18.86		
1.4	256QAM	3	0	18.85	18.96	18.93		
1.4	256QAM	3	1	18.78	18.96	18.82		
1.4	256QAM	3	3	18.74	18.91	18.83		
1.4	256QAM	6	0	18.86	18.97	18.95	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	20.10	20.15	20.12	21	0
15	QPSK	1	37	19.97	20.00	20.08		
15	QPSK	1	74	20.06	20.14	20.03		
15	QPSK	36	0	20.06	20.13	20.11	21	0
15	QPSK	36	20	19.95	20.03	20.05		
15	QPSK	36	39	20.02	20.02	20.06		
15	QPSK	75	0	20.03	20.12	20.10		
15	16QAM	1	0	20.09	20.09	20.09	21	0
15	16QAM	1	37	19.98	20.02	20.00		
15	16QAM	1	74	19.99	20.13	19.98		
15	16QAM	36	0	19.95	20.06	20.04	21	0
15	16QAM	36	20	20.03	20.14	20.04		
15	16QAM	36	39	19.96	20.02	20.11		
15	16QAM	75	0	19.97	20.04	20.10		
15	64QAM	1	0	20.06	20.13	20.02	21	0
15	64QAM	1	37	20.04	20.04	20.09		
15	64QAM	1	74	20.01	20.01	20.07		
15	64QAM	36	0	19.95	20.12	20.02	21	0
15	64QAM	36	20	19.98	20.08	20.10		
15	64QAM	36	39	20.07	20.10	20.03		
15	64QAM	75	0	20.09	20.12	19.98		
15	256QAM	1	0	18.63	18.77	18.62	19.5	1.5
15	256QAM	1	37	18.59	18.68	18.56		
15	256QAM	1	74	18.61	18.62	18.56		
15	256QAM	36	0	18.57	18.62	18.50	19.5	1.5
15	256QAM	36	20	18.65	18.69	18.64		
15	256QAM	36	39	18.49	18.63	18.61		
15	256QAM	75	0	18.61	18.66	18.55		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	20.09	20.03	20.07	21	0
10	QPSK	1	25	19.86	19.90	20.03		
10	QPSK	1	49	19.94	20.13	19.91		
10	QPSK	25	0	20.01	20.06	20.07	21	0
10	QPSK	25	12	19.93	19.90	19.92		
10	QPSK	25	25	19.98	19.90	19.92		
10	QPSK	50	0	20.01	20.05	19.98		
10	16QAM	1	0	19.97	19.99	19.97	21	0
10	16QAM	1	25	19.90	20.01	19.98		
10	16QAM	1	49	19.88	20.08	19.93		
10	16QAM	25	0	19.88	19.95	19.89	21	0
10	16QAM	25	12	19.91	20.04	19.98		
10	16QAM	25	25	19.91	20.00	20.09		
10	16QAM	50	0	19.94	20.02	19.96		
10	64QAM	1	0	20.03	20.00	19.91	21	0
10	64QAM	1	25	19.91	19.95	20.07		
10	64QAM	1	49	19.97	19.86	20.01		
10	64QAM	25	0	19.87	20.02	20.00	21	0
10	64QAM	25	12	19.96	19.95	19.99		
10	64QAM	25	25	20.03	20.02	20.01		
10	64QAM	50	0	20.07	20.10	19.91		
10	256QAM	1	0	18.54	18.64	18.59	19.5	1.5
10	256QAM	1	25	18.53	18.62	18.43		
10	256QAM	1	49	18.54	18.55	18.54		
10	256QAM	25	0	18.55	18.53	18.46	19.5	1.5
10	256QAM	25	12	18.61	18.66	18.59		
10	256QAM	25	25	18.48	18.62	18.52		
10	256QAM	50	0	18.59	18.59	18.52		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.98	20.02	20.00	21	0
5	QPSK	1	12	19.90	19.92	19.99		
5	QPSK	1	24	19.93	20.01	19.90		
5	QPSK	12	0	19.99	19.98	20.06	21	0
5	QPSK	12	7	19.86	19.93	20.03		
5	QPSK	12	13	20.01	20.00	20.00		
5	QPSK	25	0	20.00	20.05	20.04		
5	16QAM	1	0	19.97	20.08	20.08	21	0
5	16QAM	1	12	19.94	19.96	19.98		
5	16QAM	1	24	19.98	20.02	19.95		
5	16QAM	12	0	19.89	19.96	20.02	21	0
5	16QAM	12	7	19.89	20.02	19.98		
5	16QAM	12	13	19.86	19.94	20.00		
5	16QAM	25	0	19.82	19.93	20.03		
5	64QAM	1	0	20.04	20.12	19.91	21	0
5	64QAM	1	12	19.96	20.02	19.95		
5	64QAM	1	24	19.94	19.90	19.99		
5	64QAM	12	0	19.81	20.02	19.87	21	0
5	64QAM	12	7	19.94	19.99	20.04		
5	64QAM	12	13	20.01	20.04	20.01		
5	64QAM	25	0	20.00	20.10	19.97		
5	256QAM	1	0	18.59	18.74	18.60	19.5	1.5
5	256QAM	1	12	18.54	18.64	18.55		
5	256QAM	1	24	18.55	18.49	18.52		
5	256QAM	12	0	18.53	18.52	18.46	19.5	1.5
5	256QAM	12	7	18.50	18.62	18.52		
5	256QAM	12	13	18.45	18.53	18.57		
5	256QAM	25	0	18.58	18.55	18.45		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.07	20.11	19.99	21	0
3	QPSK	1	8	19.86	19.88	19.94		
3	QPSK	1	14	20.01	20.10	19.99		
3	QPSK	8	0	20.04	20.05	20.01	21	0
3	QPSK	8	4	19.80	19.98	20.00		
3	QPSK	8	7	19.93	19.90	19.99		
3	QPSK	15	0	19.95	20.02	20.02		
3	16QAM	1	0	19.94	20.03	19.97	21	0
3	16QAM	1	8	19.95	20.01	19.87		
3	16QAM	1	14	19.97	20.01	19.86		
3	16QAM	8	0	19.94	20.00	19.96	21	0
3	16QAM	8	4	19.96	20.10	19.91		
3	16QAM	8	7	19.95	19.94	19.99		
3	16QAM	15	0	19.87	19.90	19.97		
3	64QAM	1	0	19.92	20.07	20.01	21	0
3	64QAM	1	8	19.98	19.96	20.04		
3	64QAM	1	14	19.89	19.95	19.96		
3	64QAM	8	0	19.93	20.10	19.97	21	0
3	64QAM	8	4	19.89	20.02	20.01		
3	64QAM	8	7	19.95	20.08	19.88		
3	64QAM	15	0	20.06	20.02	19.94		
3	256QAM	1	0	18.49	18.74	18.56	19.5	1.5
3	256QAM	1	8	18.46	18.54	18.53		
3	256QAM	1	14	18.56	18.61	18.42		
3	256QAM	8	0	18.54	18.60	18.45	19.5	1.5
3	256QAM	8	4	18.64	18.63	18.56		
3	256QAM	8	7	18.35	18.51	18.57		
3	256QAM	15	0	18.50	18.62	18.53		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.07	20.02	20.11	21	0
1.4	QPSK	1	3	19.84	19.90	19.96		
1.4	QPSK	1	5	19.97	20.11	19.98		
1.4	QPSK	3	0	20.04	20.10	19.98		
1.4	QPSK	3	1	19.86	19.97	20.00		
1.4	QPSK	3	3	19.94	19.99	19.94		
1.4	QPSK	6	0	20.00	19.98	19.95	21	0
1.4	16QAM	1	0	19.96	20.08	19.99	21	0
1.4	16QAM	1	3	19.89	19.97	19.92		
1.4	16QAM	1	5	19.84	20.08	19.91		
1.4	16QAM	3	0	19.87	20.01	19.96		
1.4	16QAM	3	1	19.95	20.06	19.96		
1.4	16QAM	3	3	19.89	19.93	20.07		
1.4	16QAM	6	0	19.93	19.95	19.99	21	0
1.4	64QAM	1	0	19.91	20.09	19.91	21	0
1.4	64QAM	1	3	19.91	19.96	19.95		
1.4	64QAM	1	5	19.95	19.98	19.96		
1.4	64QAM	3	0	19.86	20.00	20.01		
1.4	64QAM	3	1	19.84	20.06	19.96		
1.4	64QAM	3	3	20.06	20.02	19.95		
1.4	64QAM	6	0	20.06	20.04	19.86	21	0
1.4	256QAM	1	0	18.57	18.67	18.59	19.5	1.5
1.4	256QAM	1	3	18.58	18.62	18.44		
1.4	256QAM	1	5	18.56	18.52	18.50		
1.4	256QAM	3	0	18.44	18.59	18.36		
1.4	256QAM	3	1	18.55	18.57	18.59		
1.4	256QAM	3	3	18.45	18.58	18.49		
1.4	256QAM	6	0	18.49	18.60	18.51	19.5	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	24.25	24.30	24.22	25	0
20	QPSK	1	49	24.22	24.25	24.15		
20	QPSK	1	99	24.07	24.10	23.92		
20	QPSK	50	0	23.35	23.40	23.37	24.5	0.5
20	QPSK	50	24	23.32	23.32	23.26		
20	QPSK	50	50	23.26	23.28	23.20		
20	QPSK	100	0	23.23	23.32	23.25		
20	16QAM	1	0	23.80	23.83	23.79	24.5	0.5
20	16QAM	1	49	23.71	23.79	23.73		
20	16QAM	1	99	23.73	23.71	23.64		
20	16QAM	50	0	22.79	22.80	22.84	24	1
20	16QAM	50	24	22.78	22.72	22.82		
20	16QAM	50	50	22.74	22.70	22.68		
20	16QAM	100	0	22.75	22.76	22.70		
20	64QAM	1	0	22.96	22.88	22.83	24	1
20	64QAM	1	49	22.90	22.76	22.74		
20	64QAM	1	99	22.90	22.77	22.82		
20	64QAM	50	0	22.23	22.32	22.28	23	2
20	64QAM	50	24	22.35	22.29	22.24		
20	64QAM	50	50	22.21	22.25	22.17		
20	64QAM	100	0	22.26	22.24	22.32		
20	256QAM	1	0	19.07	19.10	19.07	20	5
20	256QAM	1	49	18.91	18.95	18.92		
20	256QAM	1	99	18.91	19.04	19.01		
20	256QAM	50	0	18.96	19.06	18.91	20	5
20	256QAM	50	24	18.95	18.96	18.92		
20	256QAM	50	50	18.93	19.04	18.97		
20	256QAM	100	0	18.84	18.95	18.92		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.19	24.20	24.14	25	0
15	QPSK	1	37	24.14	24.23	24.08		
15	QPSK	1	74	24.06	23.95	23.90		
15	QPSK	36	0	23.25	23.30	23.25	24.5	0.5
15	QPSK	36	20	23.24	23.19	23.25		
15	QPSK	36	39	23.19	23.25	23.08		
15	QPSK	75	0	23.16	23.17	23.10		
15	16QAM	1	0	23.97	23.94	23.98	24.5	0.5
15	16QAM	1	37	23.81	23.87	23.90		
15	16QAM	1	74	23.78	23.82	23.76		
15	16QAM	36	0	22.78	22.75	22.71	24	1
15	16QAM	36	20	22.65	22.66	22.75		
15	16QAM	36	39	22.72	22.58	22.55		
15	16QAM	75	0	22.68	22.67	22.58		
15	64QAM	1	0	22.83	22.75	22.76	24	1
15	64QAM	1	37	22.81	22.70	22.62		
15	64QAM	1	74	22.76	22.70	22.67		
15	64QAM	36	0	22.15	22.18	22.21	23	2
15	64QAM	36	20	22.23	22.25	22.21		
15	64QAM	36	39	22.09	22.22	22.12		
15	64QAM	75	0	22.18	22.18	22.22		
15	256QAM	1	0	19.02	19.00	18.95	20	5
15	256QAM	1	37	18.81	18.91	18.88		
15	256QAM	1	74	18.82	19.01	18.96		
15	256QAM	36	0	18.90	18.99	18.90	20	5
15	256QAM	36	20	18.92	18.87	18.86		
15	256QAM	36	39	18.79	18.91	18.94		
15	256QAM	75	0	18.75	18.85	18.80		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.11	24.11	24.04	25	0
10	QPSK	1	25	24.23	24.28	24.19		
10	QPSK	1	49	23.93	24.02	23.83		
10	QPSK	25	0	23.21	23.32	23.26	24.5	0.5
10	QPSK	25	12	23.20	23.31	23.21		
10	QPSK	25	25	23.23	23.22	23.09		
10	QPSK	50	0	23.14	23.24	23.11		
10	16QAM	1	0	23.88	23.96	23.92	24.5	0.5
10	16QAM	1	25	23.82	23.97	23.86		
10	16QAM	1	49	23.82	23.76	23.76		
10	16QAM	25	0	22.77	22.75	22.78	24	1
10	16QAM	25	12	22.65	22.59	22.79		
10	16QAM	25	25	22.59	22.67	22.62		
10	16QAM	50	0	22.69	22.67	22.69		
10	64QAM	1	0	22.88	22.80	22.73	24	1
10	64QAM	1	25	22.78	22.63	22.59		
10	64QAM	1	49	22.82	22.74	22.70		
10	64QAM	25	0	22.11	22.24	22.26	23	2
10	64QAM	25	12	22.21	22.23	22.16		
10	64QAM	25	25	22.08	22.16	22.04		
10	64QAM	50	0	22.14	22.11	22.31		
10	256QAM	1	0	18.94	18.99	19.03	20	5
10	256QAM	1	25	18.79	18.86	18.79		
10	256QAM	1	49	18.78	19.03	18.89		
10	256QAM	25	0	18.90	18.98	18.78	20	5
10	256QAM	25	12	18.87	18.95	18.79		
10	256QAM	25	25	18.89	18.92	18.82		
10	256QAM	50	0	18.73	18.88	18.84		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.18	24.15	24.03	25	0
5	QPSK	1	12	24.11	24.19	24.20		
5	QPSK	1	24	23.97	23.95	23.83		
5	QPSK	12	0	23.29	23.35	23.23	24.5	0.5
5	QPSK	12	7	23.24	23.29	23.19		
5	QPSK	12	13	23.11	23.13	23.07		
5	QPSK	25	0	23.15	23.22	23.16		
5	16QAM	1	0	23.99	24.02	23.86	24.5	0.5
5	16QAM	1	12	23.77	23.96	23.81		
5	16QAM	1	24	23.85	23.77	23.80		
5	16QAM	12	0	22.78	22.72	22.81	24	1
5	16QAM	12	7	22.66	22.71	22.70		
5	16QAM	12	13	22.69	22.59	22.67		
5	16QAM	25	0	22.67	22.73	22.66		
5	64QAM	1	0	22.94	22.81	22.80	24	1
5	64QAM	1	12	22.76	22.74	22.64		
5	64QAM	1	24	22.89	22.67	22.70		
5	64QAM	12	0	22.21	22.28	22.15	23	2
5	64QAM	12	7	22.29	22.28	22.17		
5	64QAM	12	13	22.07	22.10	22.05		
5	64QAM	25	0	22.25	22.19	22.26		
5	256QAM	1	0	18.97	19.05	19.00	20	5
5	256QAM	1	12	18.83	18.92	18.80		
5	256QAM	1	24	18.76	18.95	18.92		
5	256QAM	12	0	18.89	18.97	18.80	20	5
5	256QAM	12	7	18.91	18.85	18.89		
5	256QAM	12	13	18.84	18.93	18.86		
5	256QAM	25	0	18.75	18.92	18.79		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.10	24.22	24.08	25	0
3	QPSK	1	8	24.21	24.23	24.09		
3	QPSK	1	14	23.96	24.07	23.90		
3	QPSK	8	0	23.31	23.39	23.24	24.5	0.5
3	QPSK	8	4	23.23	23.20	23.25		
3	QPSK	8	7	23.11	23.15	23.05		
3	QPSK	15	0	23.19	23.21	23.12		
3	16QAM	1	0	23.97	24.01	23.94	24.5	0.5
3	16QAM	1	8	23.86	23.90	23.85		
3	16QAM	1	14	23.87	23.76	23.83		
3	16QAM	8	0	22.76	22.70	22.77	24	1
3	16QAM	8	4	22.66	22.64	22.72		
3	16QAM	8	7	22.61	22.61	22.59		
3	16QAM	15	0	22.66	22.68	22.67		
3	64QAM	1	0	22.84	22.84	22.82	24	1
3	64QAM	1	8	22.89	22.64	22.68		
3	64QAM	1	14	22.77	22.74	22.78		
3	64QAM	8	0	22.15	22.26	22.19	23	2
3	64QAM	8	4	22.25	22.24	22.12		
3	64QAM	8	7	22.06	22.14	22.12		
3	64QAM	15	0	22.19	22.20	22.25		
3	256QAM	1	0	19.05	19.09	19.06	20	5
3	256QAM	1	8	18.85	18.85	18.87		
3	256QAM	1	14	18.86	19.00	18.88		
3	256QAM	8	0	18.92	19.05	18.85	20	5
3	256QAM	8	4	18.80	18.91	18.81		
3	256QAM	8	7	18.83	19.01	18.94		
3	256QAM	15	0	18.76	18.92	18.81		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.19	24.21	24.14	25	0
1.4	QPSK	1	3	24.16	24.19	24.18		
1.4	QPSK	1	5	23.93	23.96	23.82		
1.4	QPSK	3	0	24.20	24.13	24.04		
1.4	QPSK	3	1	24.15	24.22	24.21		
1.4	QPSK	3	3	23.97	24.08	23.83		
1.4	QPSK	6	0	23.16	23.17	23.24	24.5	0.5
1.4	16QAM	1	0	23.97	23.99	23.87	24.5	0.5
1.4	16QAM	1	3	23.78	23.86	23.79		
1.4	16QAM	1	5	23.82	23.76	23.73		
1.4	16QAM	3	0	23.90	23.95	23.89		
1.4	16QAM	3	1	23.80	23.93	23.87		
1.4	16QAM	3	3	23.78	23.76	23.82		
1.4	16QAM	6	0	22.73	22.64	22.57	24	1
1.4	64QAM	1	0	22.88	22.80	22.75	24	1
1.4	64QAM	1	3	22.81	22.64	22.64		
1.4	64QAM	1	5	22.88	22.64	22.77		
1.4	64QAM	3	0	22.90	22.74	22.73		
1.4	64QAM	3	1	22.89	22.66	22.68		
1.4	64QAM	3	3	22.81	22.63	22.69		
1.4	64QAM	6	0	22.16	22.22	22.26	23	2
1.4	256QAM	1	0	19.04	19.08	19.05	20	5
1.4	256QAM	1	3	18.90	18.84	18.91		
1.4	256QAM	1	5	18.82	19.02	18.95		
1.4	256QAM	3	0	18.84	19.04	18.77		
1.4	256QAM	3	1	18.91	18.84	18.83		
1.4	256QAM	3	3	18.82	18.90	18.95		
1.4	256QAM	6	0	18.81	18.86	18.84	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	16.37	16.45	16.40	17.1	0
20	QPSK	1	49	16.27	16.34	16.39		
20	QPSK	1	99	16.31	16.33	16.39		
20	QPSK	50	0	16.35	16.42	16.39	17.1	0
20	QPSK	50	24	16.29	16.40	16.30		
20	QPSK	50	50	16.23	16.40	16.25		
20	QPSK	100	0	16.28	16.34	16.33		
20	16QAM	1	0	16.25	16.36	16.33	17.1	0
20	16QAM	1	49	16.36	16.32	16.38		
20	16QAM	1	99	16.34	16.30	16.35		
20	16QAM	50	0	16.31	16.37	16.28	17.1	0
20	16QAM	50	24	16.35	16.30	16.25		
20	16QAM	50	50	16.32	16.38	16.30		
20	16QAM	100	0	16.36	16.40	16.33		
20	64QAM	1	0	16.34	16.41	16.29	17.1	0
20	64QAM	1	49	16.32	16.33	16.31		
20	64QAM	1	99	16.31	16.35	16.34		
20	64QAM	50	0	16.30	16.39	16.34	17.1	0
20	64QAM	50	24	16.27	16.40	16.27		
20	64QAM	50	50	16.33	16.39	16.36		
20	64QAM	100	0	16.29	16.33	16.29		
20	256QAM	1	0	16.33	16.30	16.39	17.1	0
20	256QAM	1	49	16.33	16.40	16.34		
20	256QAM	1	99	16.24	16.41	16.30		
20	256QAM	50	0	16.31	16.36	16.30	17.1	0
20	256QAM	50	24	16.31	16.33	16.30		
20	256QAM	50	50	16.24	16.38	16.30		
20	256QAM	100	0	16.24	16.33	16.35		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.25	16.42	16.25	17.1	0
15	QPSK	1	37	16.20	16.27	16.37		
15	QPSK	1	74	16.30	16.24	16.31		
15	QPSK	36	0	16.31	16.41	16.26	17.1	0
15	QPSK	36	20	16.19	16.28	16.28		
15	QPSK	36	39	16.12	16.35	16.20		
15	QPSK	75	0	16.21	16.30	16.28		
15	16QAM	1	0	16.10	16.33	16.22	17.1	0
15	16QAM	1	37	16.22	16.27	16.29		
15	16QAM	1	74	16.29	16.27	16.26		
15	16QAM	36	0	16.24	16.33	16.15	17.1	0
15	16QAM	36	20	16.20	16.23	16.17		
15	16QAM	36	39	16.18	16.28	16.21		
15	16QAM	75	0	16.31	16.30	16.23		
15	64QAM	1	0	16.30	16.32	16.19	17.1	0
15	64QAM	1	37	16.17	16.18	16.20		
15	64QAM	1	74	16.30	16.31	16.25		
15	64QAM	36	0	16.28	16.32	16.29	17.1	0
15	64QAM	36	20	16.14	16.31	16.25		
15	64QAM	36	39	16.22	16.33	16.29		
15	64QAM	75	0	16.15	16.24	16.17		
15	256QAM	1	0	16.23	16.22	16.36	17.1	0
15	256QAM	1	37	16.24	16.39	16.22		
15	256QAM	1	74	16.22	16.33	16.24		
15	256QAM	36	0	16.26	16.21	16.26	17.1	0
15	256QAM	36	20	16.18	16.32	16.23		
15	256QAM	36	39	16.20	16.30	16.18		
15	256QAM	75	0	16.09	16.23	16.33		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.35	16.42	16.39	17.1	0
10	QPSK	1	25	16.18	16.31	16.35		
10	QPSK	1	49	16.30	16.32	16.33		
10	QPSK	25	0	16.21	16.28	16.30	17.1	0
10	QPSK	25	12	16.26	16.37	16.18		
10	QPSK	25	25	16.20	16.27	16.11		
10	QPSK	50	0	16.17	16.21	16.22		
10	16QAM	1	0	16.20	16.23	16.31	17.1	0
10	16QAM	1	25	16.33	16.26	16.30		
10	16QAM	1	49	16.24	16.23	16.27		
10	16QAM	25	0	16.21	16.23	16.17	17.1	0
10	16QAM	25	12	16.29	16.19	16.17		
10	16QAM	25	25	16.20	16.31	16.25		
10	16QAM	50	0	16.26	16.31	16.28		
10	64QAM	1	0	16.27	16.36	16.26	17.1	0
10	64QAM	1	25	16.31	16.24	16.16		
10	64QAM	1	49	16.29	16.31	16.24		
10	64QAM	25	0	16.17	16.33	16.28	17.1	0
10	64QAM	25	12	16.26	16.37	16.26		
10	64QAM	25	25	16.20	16.33	16.32		
10	64QAM	50	0	16.21	16.19	16.27		
10	256QAM	1	0	16.29	16.18	16.34	17.1	0
10	256QAM	1	25	16.26	16.34	16.31		
10	256QAM	1	49	16.21	16.32	16.20		
10	256QAM	25	0	16.18	16.31	16.24	17.1	0
10	256QAM	25	12	16.26	16.18	16.19		
10	256QAM	25	25	16.11	16.29	16.28		
10	256QAM	50	0	16.22	16.22	16.34		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.23	16.32	16.31	17.1	0
5	QPSK	1	12	16.18	16.27	16.38		
5	QPSK	1	24	16.17	16.22	16.27		
5	QPSK	12	0	16.23	16.28	16.25	17.1	0
5	QPSK	12	7	16.26	16.27	16.17		
5	QPSK	12	13	16.10	16.28	16.23		
5	QPSK	25	0	16.20	16.31	16.32		
5	16QAM	1	0	16.16	16.34	16.22	17.1	0
5	16QAM	1	12	16.32	16.22	16.25		
5	16QAM	1	24	16.29	16.21	16.22		
5	16QAM	12	0	16.25	16.25	16.13	17.1	0
5	16QAM	12	7	16.31	16.15	16.17		
5	16QAM	12	13	16.18	16.27	16.21		
5	16QAM	25	0	16.29	16.31	16.21		
5	64QAM	1	0	16.31	16.35	16.15	17.1	0
5	64QAM	1	12	16.27	16.23	16.29		
5	64QAM	1	24	16.29	16.20	16.23		
5	64QAM	12	0	16.21	16.30	16.19	17.1	0
5	64QAM	12	7	16.16	16.33	16.22		
5	64QAM	12	13	16.28	16.25	16.25		
5	64QAM	25	0	16.21	16.20	16.17		
5	256QAM	1	0	16.20	16.16	16.30	17.1	0
5	256QAM	1	12	16.18	16.30	16.24		
5	256QAM	1	24	16.14	16.36	16.18		
5	256QAM	12	0	16.26	16.33	16.20	17.1	0
5	256QAM	12	7	16.30	16.26	16.28		
5	256QAM	12	13	16.13	16.33	16.28		
5	256QAM	25	0	16.09	16.27	16.27		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.26	16.30	16.35	17.1	0
3	QPSK	1	8	16.18	16.21	16.38		
3	QPSK	1	14	16.23	16.29	16.29		
3	QPSK	8	0	16.21	16.40	16.28	17.1	0
3	QPSK	8	4	16.21	16.30	16.25		
3	QPSK	8	7	16.11	16.28	16.14		
3	QPSK	15	0	16.23	16.20	16.32		
3	16QAM	1	0	16.19	16.24	16.28	17.1	0
3	16QAM	1	8	16.29	16.28	16.25		
3	16QAM	1	14	16.22	16.22	16.32		
3	16QAM	8	0	16.30	16.34	16.19	17.1	0
3	16QAM	8	4	16.29	16.20	16.14		
3	16QAM	8	7	16.17	16.36	16.27		
3	16QAM	15	0	16.33	16.25	16.26		
3	64QAM	1	0	16.21	16.37	16.14	17.1	0
3	64QAM	1	8	16.29	16.27	16.21		
3	64QAM	1	14	16.17	16.32	16.26		
3	64QAM	8	0	16.23	16.27	16.20	17.1	0
3	64QAM	8	4	16.26	16.38	16.16		
3	64QAM	8	7	16.31	16.37	16.22		
3	64QAM	15	0	16.20	16.27	16.22		
3	256QAM	1	0	16.29	16.23	16.24	17.1	0
3	256QAM	1	8	16.30	16.31	16.31		
3	256QAM	1	14	16.18	16.39	16.27		
3	256QAM	8	0	16.20	16.35	16.23	17.1	0
3	256QAM	8	4	16.30	16.21	16.22		
3	256QAM	8	7	16.09	16.33	16.20		
3	256QAM	15	0	16.15	16.25	16.28		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.32	16.40	16.27	17.1	0
1.4	QPSK	1	3	16.19	16.19	16.28		
1.4	QPSK	1	5	16.22	16.19	16.32		
1.4	QPSK	3	0	16.27	16.27	16.29		
1.4	QPSK	3	1	16.27	16.26	16.20		
1.4	QPSK	3	3	16.10	16.33	16.16		
1.4	QPSK	6	0	16.14	16.23	16.31	17.1	0
1.4	16QAM	1	0	16.16	16.32	16.26	17.1	0
1.4	16QAM	1	3	16.28	16.27	16.27		
1.4	16QAM	1	5	16.22	16.24	16.29		
1.4	16QAM	3	0	16.25	16.23	16.24		
1.4	16QAM	3	1	16.31	16.26	16.21		
1.4	16QAM	3	3	16.19	16.35	16.27		
1.4	16QAM	6	0	16.23	16.39	16.19	17.1	0
1.4	64QAM	1	0	16.26	16.26	16.28	17.1	0
1.4	64QAM	1	3	16.27	16.26	16.17		
1.4	64QAM	1	5	16.23	16.33	16.28		
1.4	64QAM	3	0	16.27	16.26	16.33		
1.4	64QAM	3	1	16.18	16.27	16.26		
1.4	64QAM	3	3	16.23	16.25	16.32		
1.4	64QAM	6	0	16.23	16.28	16.19	17.1	0
1.4	256QAM	1	0	16.23	16.16	16.32	17.1	0
1.4	256QAM	1	3	16.29	16.39	16.33		
1.4	256QAM	1	5	16.14	16.26	16.20		
1.4	256QAM	3	0	16.29	16.21	16.29		
1.4	256QAM	3	1	16.17	16.29	16.25		
1.4	256QAM	3	3	16.14	16.33	16.26		
1.4	256QAM	6	0	16.22	16.31	16.27	17.1	0

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BW [MHz]	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	20.15	20.20	20.18	20.9	0
20	QPSK	1	49	20.07	20.18	20.17		
20	QPSK	1	99	20.11	20.15	20.15		
20	QPSK	50	0	20.12	20.18	20.16	20.9	0
20	QPSK	50	24	20.07	20.08	20.08		
20	QPSK	50	50	20.10	20.09	20.15		
20	QPSK	100	0	20.03	20.12	20.03		
20	16QAM	1	0	20.00	20.17	20.04	20.9	0
20	16QAM	1	49	20.01	20.09	20.10		
20	16QAM	1	99	20.01	20.15	20.10		
20	16QAM	50	0	20.09	20.13	20.09	20.9	0
20	16QAM	50	24	20.10	20.06	20.14		
20	16QAM	50	50	20.06	20.05	20.14		
20	16QAM	100	0	20.08	20.19	20.05		
20	64QAM	1	0	20.13	20.11	20.14	20.9	0
20	64QAM	1	49	20.05	20.05	20.17		
20	64QAM	1	99	20.09	20.10	20.15		
20	64QAM	50	0	20.05	20.19	20.08	20.9	0
20	64QAM	50	24	20.05	20.08	20.04		
20	64QAM	50	50	20.01	20.08	20.09		
20	64QAM	100	0	20.04	20.19	20.16		
20	256QAM	1	0	18.62	18.68	18.61	19.4	1.5
20	256QAM	1	49	18.65	18.64	18.58		
20	256QAM	1	99	18.59	18.68	18.62		
20	256QAM	50	0	18.57	18.65	18.68	19.4	1.5
20	256QAM	50	24	18.63	18.66	18.59		
20	256QAM	50	50	18.55	18.63	18.61		
20	256QAM	100	0	18.59	18.68	18.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.00	20.17	20.11	20.9	0
15	QPSK	1	37	20.04	20.05	20.14		
15	QPSK	1	74	20.00	20.02	20.00		
15	QPSK	36	0	20.07	20.16	20.11	20.9	0
15	QPSK	36	20	19.92	20.05	20.03		
15	QPSK	36	39	20.07	20.07	20.12		
15	QPSK	75	0	20.02	20.03	19.98		
15	16QAM	1	0	19.93	20.07	19.91	20.9	0
15	16QAM	1	37	19.92	20.02	20.02		
15	16QAM	1	74	19.96	20.03	19.97		
15	16QAM	36	0	19.97	20.10	20.00	20.9	0
15	16QAM	36	20	20.06	19.97	20.13		
15	16QAM	36	39	20.03	19.98	20.01		
15	16QAM	75	0	20.00	20.06	19.92		
15	64QAM	1	0	20.04	20.00	20.04	20.9	0
15	64QAM	1	37	19.92	19.93	20.13		
15	64QAM	1	74	20.06	19.97	20.09		
15	64QAM	36	0	19.93	20.11	20.05	20.9	0
15	64QAM	36	20	19.95	19.93	19.95		
15	64QAM	36	39	19.93	20.02	20.08		
15	64QAM	75	0	19.93	20.04	20.08		
15	256QAM	1	0	18.56	18.59	18.57	19.4	1.5
15	256QAM	1	37	18.61	18.61	18.45		
15	256QAM	1	74	18.49	18.67	18.57		
15	256QAM	36	0	18.43	18.62	18.67	19.4	1.5
15	256QAM	36	20	18.58	18.52	18.49		
15	256QAM	36	39	18.44	18.52	18.57		
15	256QAM	75	0	18.57	18.65	18.48		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.04	20.07	20.03	20.9	0
10	QPSK	1	25	20.06	20.04	20.10		
10	QPSK	1	49	20.08	20.08	20.13		
10	QPSK	25	0	20.03	20.07	20.06	20.9	0
10	QPSK	25	12	20.03	19.98	19.94		
10	QPSK	25	25	20.00	19.96	20.14		
10	QPSK	50	0	20.00	20.06	19.96		
10	16QAM	1	0	19.97	20.16	19.99	20.9	0
10	16QAM	1	25	19.86	19.95	19.95		
10	16QAM	1	49	19.90	20.04	20.07		
10	16QAM	25	0	20.07	20.08	20.03	20.9	0
10	16QAM	25	12	19.97	20.01	20.10		
10	16QAM	25	25	19.95	20.04	20.13		
10	16QAM	50	0	20.04	20.12	20.02		
10	64QAM	1	0	20.06	20.02	20.06	20.9	0
10	64QAM	1	25	19.98	19.98	20.08		
10	64QAM	1	49	20.00	20.09	20.10		
10	64QAM	25	0	20.00	20.05	19.94	20.9	0
10	64QAM	25	12	20.00	20.00	20.02		
10	64QAM	25	25	19.99	20.06	19.95		
10	64QAM	50	0	20.00	20.09	20.01		
10	256QAM	1	0	18.59	18.57	18.60	19.4	1.5
10	256QAM	1	25	18.53	18.54	18.50		
10	256QAM	1	49	18.49	18.66	18.51		
10	256QAM	25	0	18.44	18.58	18.53	19.4	1.5
10	256QAM	25	12	18.59	18.55	18.52		
10	256QAM	25	25	18.53	18.58	18.52		
10	256QAM	50	0	18.47	18.53	18.54		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.12	20.05	20.09	20.9	0
5	QPSK	1	12	19.99	20.13	20.02		
5	QPSK	1	24	19.97	20.10	20.04		
5	QPSK	12	0	20.10	20.09	20.08	20.9	0
5	QPSK	12	7	19.95	20.02	20.05		
5	QPSK	12	13	19.99	19.95	20.08		
5	QPSK	25	0	20.00	20.07	19.98		
5	16QAM	1	0	19.95	20.12	19.92	20.9	0
5	16QAM	1	12	19.94	19.99	20.08		
5	16QAM	1	24	19.92	20.13	20.09		
5	16QAM	12	0	20.02	20.09	20.00	20.9	0
5	16QAM	12	7	20.06	19.91	20.05		
5	16QAM	12	13	20.01	19.94	20.00		
5	16QAM	25	0	19.98	20.16	19.93		
5	64QAM	1	0	20.11	20.05	20.04	20.9	0
5	64QAM	1	12	19.91	19.93	20.02		
5	64QAM	1	24	20.00	20.09	20.05		
5	64QAM	12	0	19.97	20.12	19.97	20.9	0
5	64QAM	12	7	19.99	19.96	19.95		
5	64QAM	12	13	20.00	19.96	19.94		
5	64QAM	25	0	20.03	20.06	20.09		
5	256QAM	1	0	18.58	18.55	18.53	19.4	1.5
5	256QAM	1	12	18.63	18.54	18.46		
5	256QAM	1	24	18.57	18.59	18.59		
5	256QAM	12	0	18.53	18.58	18.63	19.4	1.5
5	256QAM	12	7	18.53	18.63	18.53		
5	256QAM	12	13	18.49	18.58	18.50		
5	256QAM	25	0	18.54	18.58	18.53		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.14	20.19	20.13	20.9	0
3	QPSK	1	8	19.92	20.04	20.08		
3	QPSK	1	14	20.07	20.07	20.10		
3	QPSK	8	0	20.08	20.06	20.08	20.9	0
3	QPSK	8	4	19.99	19.97	19.93		
3	QPSK	8	7	20.09	19.97	20.01		
3	QPSK	15	0	19.94	20.02	19.92		
3	16QAM	1	0	19.95	20.02	19.90	20.9	0
3	16QAM	1	8	19.94	20.05	20.05		
3	16QAM	1	14	19.94	20.02	19.95		
3	16QAM	8	0	19.94	20.01	20.07	20.9	0
3	16QAM	8	4	19.96	19.91	20.00		
3	16QAM	8	7	20.03	19.93	20.00		
3	16QAM	15	0	19.98	20.10	19.96		
3	64QAM	1	0	19.98	20.10	20.07	20.9	0
3	64QAM	1	8	20.00	19.99	20.04		
3	64QAM	1	14	19.99	19.98	20.12		
3	64QAM	8	0	19.94	20.06	19.95	20.9	0
3	64QAM	8	4	19.93	19.98	19.99		
3	64QAM	8	7	19.99	19.95	20.04		
3	64QAM	15	0	20.02	20.17	20.02		
3	256QAM	1	0	18.59	18.63	18.58	19.4	1.5
3	256QAM	1	8	18.60	18.57	18.45		
3	256QAM	1	14	18.54	18.62	18.58		
3	256QAM	8	0	18.47	18.54	18.60	19.4	1.5
3	256QAM	8	4	18.54	18.57	18.50		
3	256QAM	8	7	18.49	18.60	18.51		
3	256QAM	15	0	18.55	18.62	18.56		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.01	20.15	20.16	20.9	0
1.4	QPSK	1	3	19.97	20.15	20.09		
1.4	QPSK	1	5	20.03	20.01	20.08		
1.4	QPSK	3	0	20.04	20.11	20.04		
1.4	QPSK	3	1	20.04	20.03	19.99		
1.4	QPSK	3	3	19.97	20.01	20.07		
1.4	QPSK	6	0	19.88	20.06	19.96	20.9	0
1.4	16QAM	1	0	19.96	20.10	19.94	20.9	0
1.4	16QAM	1	3	19.92	20.06	19.99		
1.4	16QAM	1	5	19.96	20.03	20.03		
1.4	16QAM	3	0	19.95	20.11	19.99		
1.4	16QAM	3	1	20.00	19.94	20.00		
1.4	16QAM	3	3	19.93	20.03	20.12		
1.4	16QAM	6	0	19.98	20.17	20.00	20.9	0
1.4	64QAM	1	0	20.06	20.10	20.00	20.9	0
1.4	64QAM	1	3	20.02	19.95	20.04		
1.4	64QAM	1	5	20.08	20.08	20.09		
1.4	64QAM	3	0	20.03	20.08	19.93		
1.4	64QAM	3	1	19.96	20.03	19.96		
1.4	64QAM	3	3	19.90	20.00	19.96		
1.4	64QAM	6	0	19.93	20.06	20.04	20.9	0
1.4	256QAM	1	0	18.60	18.53	18.48	19.4	1.5
1.4	256QAM	1	3	18.57	18.63	18.52		
1.4	256QAM	1	5	18.54	18.54	18.61		
1.4	256QAM	3	0	18.49	18.52	18.62		
1.4	256QAM	3	1	18.62	18.62	18.54		
1.4	256QAM	3	3	18.47	18.58	18.48		
1.4	256QAM	6	0	18.45	18.58	18.45	19.4	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	15.52	15.60	15.55	16.8	0
20	QPSK	1	49	15.41	15.48	15.49		
20	QPSK	1	99	15.51	15.53	15.42		
20	QPSK	50	0	15.51	15.57	15.54	16.8	0
20	QPSK	50	24	15.50	15.45	15.53		
20	QPSK	50	50	15.45	15.48	15.48		
20	QPSK	100	0	15.50	15.53	15.45		
20	16QAM	1	0	15.46	15.57	15.49	16.8	0
20	16QAM	1	49	15.45	15.58	15.46		
20	16QAM	1	99	15.44	15.57	15.40		
20	16QAM	50	0	15.51	15.49	15.52	16.8	0
20	16QAM	50	24	15.45	15.56	15.48		
20	16QAM	50	50	15.39	15.53	15.40		
20	16QAM	100	0	15.37	15.55	15.44		
20	64QAM	1	0	15.51	15.47	15.50	16.8	0
20	64QAM	1	49	15.40	15.58	15.40		
20	64QAM	1	99	15.46	15.52	15.40		
20	64QAM	50	0	15.46	15.52	15.40	16.8	0
20	64QAM	50	24	15.37	15.56	15.41		
20	64QAM	50	50	15.45	15.50	15.46		
20	64QAM	100	0	15.48	15.56	15.52		
20	256QAM	1	0	15.41	15.48	15.51	16.8	0
20	256QAM	1	49	15.26	15.40	15.38		
20	256QAM	1	99	15.38	15.43	15.31		
20	256QAM	50	0	15.40	15.49	15.49	16.8	0
20	256QAM	50	24	15.27	15.39	15.37		
20	256QAM	50	50	15.47	15.52	15.36		
20	256QAM	100	0	15.43	15.50	15.45		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.49	15.45	15.41	16.8	0
15	QPSK	1	37	15.37	15.33	15.43		
15	QPSK	1	74	15.50	15.49	15.33		
15	QPSK	36	0	15.36	15.51	15.47	16.8	0
15	QPSK	36	20	15.39	15.40	15.38		
15	QPSK	36	39	15.42	15.36	15.37		
15	QPSK	75	0	15.45	15.44	15.38		
15	16QAM	1	0	15.41	15.50	15.37	16.8	0
15	16QAM	1	37	15.35	15.44	15.35		
15	16QAM	1	74	15.40	15.55	15.25		
15	16QAM	36	0	15.46	15.39	15.50	16.8	0
15	16QAM	36	20	15.34	15.42	15.45		
15	16QAM	36	39	15.24	15.47	15.30		
15	16QAM	75	0	15.27	15.49	15.30		
15	64QAM	1	0	15.45	15.32	15.42	16.8	0
15	64QAM	1	37	15.31	15.49	15.38		
15	64QAM	1	74	15.37	15.39	15.25		
15	64QAM	36	0	15.44	15.42	15.39	16.8	0
15	64QAM	36	20	15.31	15.52	15.27		
15	64QAM	36	39	15.31	15.38	15.36		
15	64QAM	75	0	15.38	15.45	15.39		
15	256QAM	1	0	15.38	15.36	15.36	16.8	0
15	256QAM	1	37	15.14	15.28	15.28		
15	256QAM	1	74	15.34	15.33	15.23		
15	256QAM	36	0	15.36	15.47	15.40	16.8	0
15	256QAM	36	20	15.25	15.35	15.31		
15	256QAM	36	39	15.33	15.45	15.28		
15	256QAM	75	0	15.37	15.42	15.31		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.40	15.57	15.48	16.8	0
10	QPSK	1	25	15.32	15.40	15.41		
10	QPSK	1	49	15.41	15.45	15.34		
10	QPSK	25	0	15.42	15.50	15.51	16.8	0
10	QPSK	25	12	15.44	15.37	15.45		
10	QPSK	25	25	15.34	15.41	15.45		
10	QPSK	50	0	15.46	15.39	15.44		
10	16QAM	1	0	15.40	15.56	15.38	16.8	0
10	16QAM	1	25	15.30	15.50	15.37		
10	16QAM	1	49	15.35	15.52	15.36		
10	16QAM	25	0	15.50	15.34	15.37	16.8	0
10	16QAM	25	12	15.36	15.44	15.37		
10	16QAM	25	25	15.37	15.46	15.26		
10	16QAM	50	0	15.22	15.50	15.31		
10	64QAM	1	0	15.47	15.40	15.45	16.8	0
10	64QAM	1	25	15.32	15.50	15.27		
10	64QAM	1	49	15.36	15.47	15.38		
10	64QAM	25	0	15.39	15.49	15.35	16.8	0
10	64QAM	25	12	15.31	15.55	15.31		
10	64QAM	25	25	15.33	15.39	15.44		
10	64QAM	50	0	15.47	15.45	15.48		
10	256QAM	1	0	15.36	15.44	15.46	16.8	0
10	256QAM	1	25	15.13	15.37	15.33		
10	256QAM	1	49	15.35	15.31	15.23		
10	256QAM	25	0	15.32	15.34	15.42	16.8	0
10	256QAM	25	12	15.17	15.29	15.30		
10	256QAM	25	25	15.41	15.48	15.32		
10	256QAM	50	0	15.36	15.36	15.40		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.49	15.53	15.42	16.8	0
5	QPSK	1	12	15.26	15.46	15.43		
5	QPSK	1	24	15.42	15.46	15.29		
5	QPSK	12	0	15.40	15.43	15.51	16.8	0
5	QPSK	12	7	15.38	15.44	15.48		
5	QPSK	12	13	15.34	15.38	15.40		
5	QPSK	25	0	15.40	15.41	15.33		
5	16QAM	1	0	15.35	15.45	15.44	16.8	0
5	16QAM	1	12	15.37	15.55	15.37		
5	16QAM	1	24	15.29	15.56	15.29		
5	16QAM	12	0	15.42	15.39	15.39	16.8	0
5	16QAM	12	7	15.35	15.53	15.44		
5	16QAM	12	13	15.32	15.41	15.25		
5	16QAM	25	0	15.27	15.44	15.43		
5	64QAM	1	0	15.44	15.38	15.40	16.8	0
5	64QAM	1	12	15.32	15.49	15.38		
5	64QAM	1	24	15.32	15.51	15.28		
5	64QAM	12	0	15.41	15.42	15.38	16.8	0
5	64QAM	12	7	15.33	15.43	15.27		
5	64QAM	12	13	15.34	15.40	15.35		
5	64QAM	25	0	15.40	15.42	15.48		
5	256QAM	1	0	15.31	15.45	15.41	16.8	0
5	256QAM	1	12	15.23	15.30	15.30		
5	256QAM	1	24	15.36	15.32	15.21		
5	256QAM	12	0	15.29	15.45	15.46	16.8	0
5	256QAM	12	7	15.24	15.38	15.31		
5	256QAM	12	13	15.43	15.40	15.30		
5	256QAM	25	0	15.30	15.43	15.33		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.49	15.53	15.49	16.8	0
3	QPSK	1	8	15.34	15.36	15.48		
3	QPSK	1	14	15.36	15.49	15.33		
3	QPSK	8	0	15.47	15.53	15.48	16.8	0
3	QPSK	8	4	15.36	15.30	15.48		
3	QPSK	8	7	15.34	15.37	15.44		
3	QPSK	15	0	15.43	15.47	15.38		
3	16QAM	1	0	15.45	15.52	15.38	16.8	0
3	16QAM	1	8	15.35	15.43	15.38		
3	16QAM	1	14	15.39	15.45	15.33		
3	16QAM	8	0	15.42	15.36	15.45	16.8	0
3	16QAM	8	4	15.37	15.47	15.34		
3	16QAM	8	7	15.24	15.44	15.30		
3	16QAM	15	0	15.24	15.52	15.41		
3	64QAM	1	0	15.46	15.46	15.49	16.8	0
3	64QAM	1	8	15.26	15.55	15.38		
3	64QAM	1	14	15.34	15.48	15.39		
3	64QAM	8	0	15.41	15.38	15.26	16.8	0
3	64QAM	8	4	15.29	15.54	15.36		
3	64QAM	8	7	15.30	15.38	15.37		
3	64QAM	15	0	15.41	15.46	15.49		
3	256QAM	1	0	15.35	15.38	15.43	16.8	0
3	256QAM	1	8	15.23	15.29	15.28		
3	256QAM	1	14	15.34	15.37	15.23		
3	256QAM	8	0	15.25	15.37	15.40	16.8	0
3	256QAM	8	4	15.12	15.29	15.25		
3	256QAM	8	7	15.38	15.47	15.28		
3	256QAM	15	0	15.31	15.39	15.43		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.41	15.58	15.45	16.8	0
1.4	QPSK	1	3	15.28	15.39	15.42		
1.4	QPSK	1	5	15.38	15.44	15.33		
1.4	QPSK	3	0	15.50	15.49	15.48		
1.4	QPSK	3	1	15.39	15.35	15.51		
1.4	QPSK	3	3	15.33	15.44	15.40		
1.4	QPSK	6	0	15.41	15.49	15.43	16.8	0
1.4	16QAM	1	0	15.40	15.46	15.35	16.8	0
1.4	16QAM	1	3	15.35	15.46	15.32		
1.4	16QAM	1	5	15.41	15.47	15.28		
1.4	16QAM	3	0	15.44	15.38	15.50		
1.4	16QAM	3	1	15.42	15.43	15.34		
1.4	16QAM	3	3	15.30	15.38	15.38		
1.4	16QAM	6	0	15.25	15.47	15.32	16.8	0
1.4	64QAM	1	0	15.40	15.37	15.43	16.8	0
1.4	64QAM	1	3	15.30	15.47	15.39		
1.4	64QAM	1	5	15.33	15.41	15.36		
1.4	64QAM	3	0	15.38	15.43	15.37		
1.4	64QAM	3	1	15.35	15.50	15.31		
1.4	64QAM	3	3	15.31	15.35	15.39		
1.4	64QAM	6	0	15.36	15.52	15.38	16.8	0
1.4	256QAM	1	0	15.31	15.41	15.41	16.8	0
1.4	256QAM	1	3	15.14	15.29	15.30		
1.4	256QAM	1	5	15.28	15.41	15.22		
1.4	256QAM	3	0	15.39	15.40	15.40		
1.4	256QAM	3	1	15.19	15.26	15.33		
1.4	256QAM	3	3	15.46	15.46	15.26		
1.4	256QAM	6	0	15.33	15.39	15.33	16.8	0

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BW [MHz]	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	24.45	24.49	24.42	25	0
20	QPSK	1	49	24.33	24.23	24.29		
20	QPSK	1	99	24.42	24.41	24.38		
20	QPSK	50	0	23.98	24.05	24.02	24.5	0.5
20	QPSK	50	24	23.85	23.87	23.94		
20	QPSK	50	50	23.91	23.97	23.98		
20	QPSK	100	0	23.89	24.00	23.96		
20	16QAM	1	0	23.89	23.92	23.93	24.5	0.5
20	16QAM	1	49	23.83	23.90	24.10		
20	16QAM	1	99	23.99	24.04	24.16		
20	16QAM	50	0	23.34	23.38	23.42	24	1
20	16QAM	50	24	23.35	23.43	23.47		
20	16QAM	50	50	23.42	23.43	23.57		
20	16QAM	100	0	23.34	23.44	23.48		
20	64QAM	1	0	22.58	22.59	22.65	23	2
20	64QAM	1	49	22.60	22.61	22.80		
20	64QAM	1	99	22.67	22.70	22.81		
20	64QAM	50	0	22.40	22.40	22.48	23	2
20	64QAM	50	24	22.35	22.47	22.58		
20	64QAM	50	50	22.50	22.45	22.63		
20	64QAM	100	0	22.47	22.42	22.55		
20	256QAM	1	0	18.91	19.02	18.95	20	5
20	256QAM	1	49	18.86	18.91	18.90		
20	256QAM	1	99	19.00	19.01	18.91		
20	256QAM	50	0	18.93	18.97	18.84	20	5
20	256QAM	50	24	18.83	18.89	18.81		
20	256QAM	50	50	18.96	18.99	18.88		
20	256QAM	100	0	18.90	18.96	18.94		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.23	24.20	24.20	25	0
15	QPSK	1	37	24.40	24.46	24.33		
15	QPSK	1	74	24.27	24.36	24.35		
15	QPSK	36	0	23.87	23.94	23.90	24.5	0.5
15	QPSK	36	20	23.76	23.76	23.93		
15	QPSK	36	39	23.85	23.90	23.93		
15	QPSK	75	0	23.87	23.93	23.87		
15	16QAM	1	0	23.81	23.80	23.78	24.5	0.5
15	16QAM	1	37	23.82	23.86	23.96		
15	16QAM	1	74	23.91	24.03	24.03		
15	16QAM	36	0	23.33	23.24	23.27	24	1
15	16QAM	36	20	23.23	23.35	23.42		
15	16QAM	36	39	23.38	23.41	23.46		
15	16QAM	75	0	23.21	23.35	23.42		
15	64QAM	1	0	22.56	22.46	22.56	23	2
15	64QAM	1	37	22.55	22.46	22.68		
15	64QAM	1	74	22.59	22.56	22.74		
15	64QAM	36	0	22.34	22.32	22.35	23	2
15	64QAM	36	20	22.23	22.33	22.46		
15	64QAM	36	39	22.43	22.30	22.55		
15	64QAM	75	0	22.43	22.29	22.40		
15	256QAM	1	0	18.85	18.91	18.86	20	5
15	256QAM	1	37	18.74	18.86	18.81		
15	256QAM	1	74	18.93	18.92	18.76		
15	256QAM	36	0	18.91	18.93	18.69	20	5
15	256QAM	36	20	18.68	18.86	18.72		
15	256QAM	36	39	18.82	18.84	18.87		
15	256QAM	75	0	18.89	18.89	18.88		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.24	24.17	24.14	25	0
10	QPSK	1	25	24.33	24.39	24.33		
10	QPSK	1	49	24.41	24.30	24.27		
10	QPSK	25	0	23.96	23.98	23.97	24.5	0.5
10	QPSK	25	12	23.71	23.73	23.80		
10	QPSK	25	25	23.76	23.96	23.93		
10	QPSK	50	0	23.85	23.97	23.94		
10	16QAM	1	0	23.87	23.91	23.87	24.5	0.5
10	16QAM	1	25	23.81	23.80	24.09		
10	16QAM	1	49	23.92	23.98	24.14		
10	16QAM	25	0	23.30	23.25	23.30	24	1
10	16QAM	25	12	23.29	23.30	23.46		
10	16QAM	25	25	23.29	23.36	23.43		
10	16QAM	50	0	23.28	23.36	23.45		
10	64QAM	1	0	22.44	22.56	22.59	23	2
10	64QAM	1	25	22.57	22.56	22.73		
10	64QAM	1	49	22.52	22.62	22.68		
10	64QAM	25	0	22.36	22.25	22.43	23	2
10	64QAM	25	12	22.31	22.32	22.47		
10	64QAM	25	25	22.38	22.40	22.49		
10	64QAM	50	0	22.37	22.32	22.40		
10	256QAM	1	0	18.85	19.01	18.84	20	5
10	256QAM	1	25	18.74	18.81	18.80		
10	256QAM	1	49	18.96	18.90	18.85		
10	256QAM	25	0	18.91	18.94	18.77	20	5
10	256QAM	25	12	18.68	18.79	18.79		
10	256QAM	25	25	18.87	18.91	18.75		
10	256QAM	50	0	18.75	18.81	18.82		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.29	24.20	24.15	25	0
5	QPSK	1	12	24.35	24.44	24.33		
5	QPSK	1	24	24.37	24.27	24.34		
5	QPSK	12	0	23.96	23.96	23.98	24.5	0.5
5	QPSK	12	7	23.81	23.74	23.91		
5	QPSK	12	13	23.80	23.96	23.88		
5	QPSK	25	0	23.88	23.90	23.89		
5	16QAM	1	0	23.88	23.77	23.81	24.5	0.5
5	16QAM	1	12	23.71	23.82	23.98		
5	16QAM	1	24	23.97	23.93	24.10		
5	16QAM	12	0	23.24	23.33	23.36	24	1
5	16QAM	12	7	23.20	23.35	23.34		
5	16QAM	12	13	23.37	23.36	23.53		
5	16QAM	25	0	23.30	23.34	23.45		
5	64QAM	1	0	22.55	22.55	22.55	23	2
5	64QAM	1	12	22.51	22.55	22.72		
5	64QAM	1	24	22.56	22.64	22.70		
5	64QAM	12	0	22.37	22.39	22.38	23	2
5	64QAM	12	7	22.31	22.34	22.52		
5	64QAM	12	13	22.42	22.30	22.50		
5	64QAM	25	0	22.34	22.35	22.45		
5	256QAM	1	0	18.79	18.98	18.92	20	5
5	256QAM	1	12	18.75	18.81	18.75		
5	256QAM	1	24	18.93	19.00	18.76		
5	256QAM	12	0	18.85	18.88	18.77	20	5
5	256QAM	12	7	18.79	18.87	18.79		
5	256QAM	12	13	18.81	18.92	18.73		
5	256QAM	25	0	18.87	18.93	18.89		

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BW [MHz]	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	17.88	17.95	17.90	18.4	0
20	QPSK	1	49	17.73	17.85	17.85		
20	QPSK	1	99	17.85	17.89	17.80		
20	QPSK	50	0	17.87	17.92	17.86	18.4	0
20	QPSK	50	24	17.83	17.90	17.82		
20	QPSK	50	50	17.86	17.80	17.75		
20	QPSK	100	0	17.86	17.88	17.84		
20	16QAM	1	0	17.85	17.88	17.76	18.4	0
20	16QAM	1	49	17.83	17.86	17.87		
20	16QAM	1	99	17.76	17.83	17.88		
20	16QAM	50	0	17.86	17.86	17.85	18.4	0
20	16QAM	50	24	17.75	17.87	17.80		
20	16QAM	50	50	17.80	17.93	17.75		
20	16QAM	100	0	17.74	17.91	17.83		
20	64QAM	1	0	17.83	17.93	17.85	18.4	0
20	64QAM	1	49	17.79	17.94	17.87		
20	64QAM	1	99	17.83	17.88	17.84		
20	64QAM	50	0	17.85	17.88	17.85	18.4	0
20	64QAM	50	24	17.74	17.82	17.84		
20	64QAM	50	50	17.79	17.85	17.81		
20	64QAM	100	0	17.76	17.92	17.79		
20	256QAM	1	0	17.87	17.85	17.78	18.4	0
20	256QAM	1	49	17.83	17.85	17.89		
20	256QAM	1	99	17.78	17.84	17.75		
20	256QAM	50	0	17.78	17.94	17.78	18.4	0
20	256QAM	50	24	17.73	17.81	17.89		
20	256QAM	50	50	17.73	17.91	17.79		
20	256QAM	100	0	17.78	17.83	17.75		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.76	17.93	17.81	18.4	0
15	QPSK	1	37	17.68	17.80	17.73		
15	QPSK	1	74	17.84	17.86	17.65		
15	QPSK	36	0	17.74	17.84	17.83	18.4	0
15	QPSK	36	20	17.74	17.89	17.74		
15	QPSK	36	39	17.75	17.74	17.74		
15	QPSK	75	0	17.71	17.80	17.77		
15	16QAM	1	0	17.82	17.73	17.75	18.4	0
15	16QAM	1	37	17.72	17.71	17.86		
15	16QAM	1	74	17.74	17.77	17.85		
15	16QAM	36	0	17.78	17.75	17.75	18.4	0
15	16QAM	36	20	17.66	17.77	17.72		
15	16QAM	36	39	17.74	17.91	17.60		
15	16QAM	75	0	17.66	17.76	17.79		
15	64QAM	1	0	17.77	17.83	17.72	18.4	0
15	64QAM	1	37	17.64	17.88	17.76		
15	64QAM	1	74	17.69	17.79	17.79		
15	64QAM	36	0	17.83	17.77	17.77	18.4	0
15	64QAM	36	20	17.64	17.80	17.83		
15	64QAM	36	39	17.78	17.81	17.70		
15	64QAM	75	0	17.71	17.89	17.76		
15	256QAM	1	0	17.82	17.81	17.71	18.4	0
15	256QAM	1	37	17.70	17.71	17.83		
15	256QAM	1	74	17.74	17.70	17.70		
15	256QAM	36	0	17.77	17.82	17.76	18.4	0
15	256QAM	36	20	17.62	17.67	17.78		
15	256QAM	36	39	17.69	17.77	17.72		
15	256QAM	75	0	17.71	17.80	17.68		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.79	17.80	17.78	18.4	0
10	QPSK	1	25	17.59	17.84	17.73		
10	QPSK	1	49	17.78	17.85	17.65		
10	QPSK	25	0	17.85	17.91	17.81	18.4	0
10	QPSK	25	12	17.79	17.84	17.80		
10	QPSK	25	25	17.71	17.66	17.70		
10	QPSK	50	0	17.81	17.84	17.71		
10	16QAM	1	0	17.83	17.76	17.61	18.4	0
10	16QAM	1	25	17.78	17.77	17.84		
10	16QAM	1	49	17.73	17.71	17.75		
10	16QAM	25	0	17.84	17.81	17.76	18.4	0
10	16QAM	25	12	17.61	17.78	17.74		
10	16QAM	25	25	17.70	17.87	17.63		
10	16QAM	50	0	17.63	17.77	17.77		
10	64QAM	1	0	17.79	17.89	17.76	18.4	0
10	64QAM	1	25	17.64	17.82	17.83		
10	64QAM	1	49	17.75	17.75	17.73		
10	64QAM	25	0	17.75	17.78	17.83	18.4	0
10	64QAM	25	12	17.66	17.77	17.74		
10	64QAM	25	25	17.76	17.79	17.70		
10	64QAM	50	0	17.72	17.78	17.74		
10	256QAM	1	0	17.85	17.75	17.70	18.4	0
10	256QAM	1	25	17.72	17.76	17.78		
10	256QAM	1	49	17.66	17.76	17.65		
10	256QAM	25	0	17.70	17.84	17.65	18.4	0
10	256QAM	25	12	17.70	17.72	17.78		
10	256QAM	25	25	17.58	17.77	17.71		
10	256QAM	50	0	17.66	17.81	17.67		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.77	17.83	17.76	18.4	0
5	QPSK	1	12	17.58	17.75	17.84		
5	QPSK	1	24	17.73	17.79	17.79		
5	QPSK	12	0	17.84	17.91	17.81	18.4	0
5	QPSK	12	7	17.77	17.85	17.81		
5	QPSK	12	13	17.83	17.70	17.66		
5	QPSK	25	0	17.82	17.76	17.81		
5	16QAM	1	0	17.80	17.77	17.70	18.4	0
5	16QAM	1	12	17.81	17.79	17.83		
5	16QAM	1	24	17.68	17.72	17.75		
5	16QAM	12	0	17.82	17.76	17.70	18.4	0
5	16QAM	12	7	17.72	17.76	17.76		
5	16QAM	12	13	17.70	17.82	17.71		
5	16QAM	25	0	17.68	17.86	17.76		
5	64QAM	1	0	17.77	17.92	17.76	18.4	0
5	64QAM	1	12	17.72	17.86	17.74		
5	64QAM	1	24	17.69	17.78	17.77		
5	64QAM	12	0	17.72	17.78	17.78	18.4	0
5	64QAM	12	7	17.63	17.67	17.70		
5	64QAM	12	13	17.76	17.74	17.66		
5	64QAM	25	0	17.61	17.77	17.77		
5	256QAM	1	0	17.72	17.73	17.70	18.4	0
5	256QAM	1	12	17.71	17.79	17.74		
5	256QAM	1	24	17.68	17.79	17.72		
5	256QAM	12	0	17.76	17.93	17.67	18.4	0
5	256QAM	12	7	17.61	17.73	17.74		
5	256QAM	12	13	17.60	17.82	17.73		
5	256QAM	25	0	17.72	17.80	17.72		

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BW [MHz]	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	15.42	15.50	15.45	15.9	0
20	QPSK	1	49	15.35	15.47	15.42		
20	QPSK	1	99	15.37	15.39	15.38		
20	QPSK	50	0	15.39	15.47	15.44	15.9	0
20	QPSK	50	24	15.28	15.42	15.41		
20	QPSK	50	50	15.37	15.37	15.35		
20	QPSK	100	0	15.34	15.45	15.44		
20	16QAM	1	0	15.38	15.37	15.37	15.9	0
20	16QAM	1	49	15.29	15.38	15.34		
20	16QAM	1	99	15.41	15.47	15.44		
20	16QAM	50	0	15.37	15.38	15.37	15.9	0
20	16QAM	50	24	15.40	15.45	15.39		
20	16QAM	50	50	15.37	15.47	15.42		
20	16QAM	100	0	15.33	15.40	15.30		
20	64QAM	1	0	15.32	15.36	15.36	15.9	0
20	64QAM	1	49	15.40	15.48	15.34		
20	64QAM	1	99	15.40	15.42	15.44		
20	64QAM	50	0	15.33	15.40	15.40	15.9	0
20	64QAM	50	24	15.35	15.49	15.33		
20	64QAM	50	50	15.31	15.46	15.43		
20	64QAM	100	0	15.35	15.38	15.40		
20	256QAM	1	0	15.30	15.40	15.37	15.9	0
20	256QAM	1	49	15.39	15.49	15.43		
20	256QAM	1	99	15.30	15.39	15.38		
20	256QAM	50	0	15.36	15.41	15.36	15.9	0
20	256QAM	50	24	15.37	15.45	15.36		
20	256QAM	50	50	15.27	15.49	15.38		
20	256QAM	100	0	15.41	15.37	15.35		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	15.34	15.47	15.39	15.9	0
15	QPSK	1	37	15.34	15.46	15.38		
15	QPSK	1	74	15.25	15.27	15.37		
15	QPSK	36	0	15.29	15.36	15.37	15.9	0
15	QPSK	36	20	15.24	15.34	15.36		
15	QPSK	36	39	15.35	15.33	15.28		
15	QPSK	75	0	15.31	15.41	15.39		
15	16QAM	1	0	15.29	15.24	15.24	15.9	0
15	16QAM	1	37	15.18	15.31	15.32		
15	16QAM	1	74	15.40	15.32	15.32		
15	16QAM	36	0	15.29	15.24	15.33	15.9	0
15	16QAM	36	20	15.39	15.43	15.26		
15	16QAM	36	39	15.35	15.37	15.33		
15	16QAM	75	0	15.21	15.38	15.18		
15	64QAM	1	0	15.25	15.24	15.24	15.9	0
15	64QAM	1	37	15.26	15.47	15.33		
15	64QAM	1	74	15.36	15.40	15.43		
15	64QAM	36	0	15.29	15.35	15.36	15.9	0
15	64QAM	36	20	15.32	15.48	15.28		
15	64QAM	36	39	15.30	15.36	15.29		
15	64QAM	75	0	15.24	15.36	15.31		
15	256QAM	1	0	15.19	15.26	15.27	15.9	0
15	256QAM	1	37	15.30	15.34	15.39		
15	256QAM	1	74	15.25	15.38	15.28		
15	256QAM	36	0	15.23	15.36	15.34	15.9	0
15	256QAM	36	20	15.29	15.37	15.30		
15	256QAM	36	39	15.24	15.41	15.37		
15	256QAM	75	0	15.30	15.23	15.30		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	15.35	15.47	15.37	15.9	0
10	QPSK	1	25	15.32	15.42	15.38		
10	QPSK	1	49	15.28	15.36	15.31		
10	QPSK	25	0	15.25	15.36	15.37	15.9	0
10	QPSK	25	12	15.26	15.41	15.35		
10	QPSK	25	25	15.30	15.33	15.25		
10	QPSK	50	0	15.20	15.44	15.38		
10	16QAM	1	0	15.29	15.24	15.23	15.9	0
10	16QAM	1	25	15.15	15.23	15.32		
10	16QAM	1	49	15.34	15.37	15.30		
10	16QAM	25	0	15.31	15.27	15.36	15.9	0
10	16QAM	25	12	15.30	15.44	15.35		
10	16QAM	25	25	15.32	15.42	15.30		
10	16QAM	50	0	15.22	15.39	15.22		
10	64QAM	1	0	15.21	15.31	15.30	15.9	0
10	64QAM	1	25	15.39	15.41	15.29		
10	64QAM	1	49	15.38	15.31	15.33		
10	64QAM	25	0	15.18	15.39	15.26	15.9	0
10	64QAM	25	12	15.30	15.47	15.30		
10	64QAM	25	25	15.27	15.42	15.31		
10	64QAM	50	0	15.23	15.34	15.29		
10	256QAM	1	0	15.22	15.35	15.31	15.9	0
10	256QAM	1	25	15.28	15.34	15.42		
10	256QAM	1	49	15.19	15.30	15.25		
10	256QAM	25	0	15.28	15.36	15.29	15.9	0
10	256QAM	25	12	15.23	15.42	15.31		
10	256QAM	25	25	15.20	15.47	15.26		
10	256QAM	50	0	15.26	15.31	15.32		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	15.40	15.44	15.44	15.9	0
5	QPSK	1	12	15.20	15.33	15.33		
5	QPSK	1	24	15.32	15.27	15.35		
5	QPSK	12	0	15.25	15.34	15.38	15.9	0
5	QPSK	12	7	15.24	15.31	15.26		
5	QPSK	12	13	15.28	15.27	15.29		
5	QPSK	25	0	15.27	15.37	15.42		
5	16QAM	1	0	15.27	15.23	15.23	15.9	0
5	16QAM	1	12	15.24	15.23	15.27		
5	16QAM	1	24	15.27	15.41	15.43		
5	16QAM	12	0	15.33	15.25	15.27	15.9	0
5	16QAM	12	7	15.39	15.43	15.34		
5	16QAM	12	13	15.26	15.40	15.36		
5	16QAM	25	0	15.22	15.29	15.16		
5	64QAM	1	0	15.24	15.26	15.31	15.9	0
5	64QAM	1	12	15.30	15.43	15.32		
5	64QAM	1	24	15.39	15.34	15.37		
5	64QAM	12	0	15.25	15.38	15.33	15.9	0
5	64QAM	12	7	15.27	15.47	15.26		
5	64QAM	12	13	15.26	15.36	15.42		
5	64QAM	25	0	15.27	15.26	15.31		
5	256QAM	1	0	15.16	15.32	15.23	15.9	0
5	256QAM	1	12	15.33	15.39	15.32		
5	256QAM	1	24	15.17	15.27	15.25		
5	256QAM	12	0	15.23	15.37	15.33	15.9	0
5	256QAM	12	7	15.28	15.38	15.24		
5	256QAM	12	13	15.23	15.46	15.37		
5	256QAM	25	0	15.31	15.22	15.20		

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BW [MHz]	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	17.13	17.20	17.15	18	0
20	QPSK	1	49	17.02	17.18	17.09		
20	QPSK	1	99	17.11	17.07	17.10		
20	QPSK	50	0	17.08	17.12	17.11	18	0
20	QPSK	50	24	17.02	17.09	17.09		
20	QPSK	50	50	17.05	17.07	17.07		
20	QPSK	100	0	17.02	17.10	17.09		
20	16QAM	1	0	16.98	17.13	17.03	18	0
20	16QAM	1	49	16.99	17.16	17.10		
20	16QAM	1	99	17.08	17.10	17.08		
20	16QAM	50	0	17.05	17.07	17.06	18	0
20	16QAM	50	24	17.07	17.11	17.04		
20	16QAM	50	50	16.98	17.13	17.02		
20	16QAM	100	0	17.03	17.06	17.06		
20	64QAM	1	0	16.98	17.14	17.14	18	0
20	64QAM	1	49	17.03	17.15	17.07		
20	64QAM	1	99	17.05	17.17	17.01		
20	64QAM	50	0	17.08	17.17	17.03	18	0
20	64QAM	50	24	17.07	17.15	17.06		
20	64QAM	50	50	17.03	17.11	17.00		
20	64QAM	100	0	17.06	17.18	17.12		
20	256QAM	1	0	15.48	15.53	15.39	16	2
20	256QAM	1	49	15.46	15.44	15.42		
20	256QAM	1	99	15.43	15.49	15.52		
20	256QAM	50	0	15.46	15.39	15.43	16	2
20	256QAM	50	24	15.44	15.45	15.41		
20	256QAM	50	50	15.44	15.42	15.44		
20	256QAM	100	0	15.42	15.46	15.47		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.06	17.12	17.07	18	0
15	QPSK	1	37	16.93	17.17	17.02		
15	QPSK	1	74	16.96	17.00	17.03		
15	QPSK	36	0	16.94	17.07	17.00	18	0
15	QPSK	36	20	16.91	17.00	17.07		
15	QPSK	36	39	16.93	17.00	16.93		
15	QPSK	75	0	16.96	17.07	17.00		
15	16QAM	1	0	16.88	17.11	16.95	18	0
15	16QAM	1	37	16.86	17.11	17.09		
15	16QAM	1	74	17.05	16.99	17.00		
15	16QAM	36	0	17.04	16.98	16.94	18	0
15	16QAM	36	20	16.98	17.01	16.94		
15	16QAM	36	39	16.96	16.99	16.94		
15	16QAM	75	0	16.93	16.91	17.01		
15	64QAM	1	0	16.86	17.12	17.05	18	0
15	64QAM	1	37	16.88	17.04	17.03		
15	64QAM	1	74	17.02	17.15	16.86		
15	64QAM	36	0	16.97	17.08	16.99	18	0
15	64QAM	36	20	17.01	17.12	16.93		
15	64QAM	36	39	16.98	17.00	16.86		
15	64QAM	75	0	17.01	17.07	17.06		
15	256QAM	1	0	15.43	15.43	15.31	16	2
15	256QAM	1	37	15.34	15.36	15.38		
15	256QAM	1	74	15.28	15.38	15.39		
15	256QAM	36	0	15.35	15.37	15.41	16	2
15	256QAM	36	20	15.37	15.39	15.39		
15	256QAM	36	39	15.35	15.37	15.41		
15	256QAM	75	0	15.32	15.45	15.44		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.00	17.14	17.12	18	0
10	QPSK	1	25	16.97	17.03	16.99		
10	QPSK	1	49	17.00	16.98	16.98		
10	QPSK	25	0	17.04	17.09	17.09	18	0
10	QPSK	25	12	16.97	17.06	16.96		
10	QPSK	25	25	16.92	17.02	17.03		
10	QPSK	50	0	16.89	16.97	16.98		
10	16QAM	1	0	16.84	17.00	16.97	18	0
10	16QAM	1	25	16.89	17.07	17.02		
10	16QAM	1	49	17.02	16.97	16.94		
10	16QAM	25	0	16.91	17.02	17.00	18	0
10	16QAM	25	12	16.98	17.03	16.91		
10	16QAM	25	25	16.89	17.11	16.99		
10	16QAM	50	0	17.00	16.97	16.92		
10	64QAM	1	0	16.85	17.11	16.99	18	0
10	64QAM	1	25	16.95	17.02	17.04		
10	64QAM	1	49	16.96	17.12	16.88		
10	64QAM	25	0	17.06	17.12	16.95	18	0
10	64QAM	25	12	16.98	17.07	16.96		
10	64QAM	25	25	16.93	17.04	16.97		
10	64QAM	50	0	16.93	17.16	16.98		
10	256QAM	1	0	15.33	15.50	15.33	16	2
10	256QAM	1	25	15.39	15.31	15.33		
10	256QAM	1	49	15.31	15.37	15.48		
10	256QAM	25	0	15.42	15.34	15.30	16	2
10	256QAM	25	12	15.34	15.31	15.31		
10	256QAM	25	25	15.40	15.35	15.33		
10	256QAM	50	0	15.36	15.35	15.33		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.08	17.09	17.13	18	0
5	QPSK	1	12	16.89	17.09	16.97		
5	QPSK	1	24	17.00	17.05	17.04		
5	QPSK	12	0	16.99	17.02	17.06	18	0
5	QPSK	12	7	17.01	16.97	16.95		
5	QPSK	12	13	16.90	17.02	16.97		
5	QPSK	25	0	16.92	17.01	17.07		
5	16QAM	1	0	16.95	17.09	16.95	18	0
5	16QAM	1	12	16.88	17.07	16.95		
5	16QAM	1	24	16.93	16.97	16.94		
5	16QAM	12	0	17.03	16.92	16.96	18	0
5	16QAM	12	7	16.99	17.09	17.03		
5	16QAM	12	13	16.87	17.00	16.91		
5	16QAM	25	0	17.01	17.01	17.02		
5	64QAM	1	0	16.95	17.02	17.08	18	0
5	64QAM	1	12	17.02	17.10	16.93		
5	64QAM	1	24	16.98	17.06	16.92		
5	64QAM	12	0	17.06	17.12	16.98	18	0
5	64QAM	12	7	16.95	17.10	16.97		
5	64QAM	12	13	16.99	16.99	16.99		
5	64QAM	25	0	16.98	17.04	17.00		
5	256QAM	1	0	15.47	15.48	15.35	16	2
5	256QAM	1	12	15.44	15.42	15.28		
5	256QAM	1	24	15.35	15.35	15.41		
5	256QAM	12	0	15.35	15.34	15.29	16	2
5	256QAM	12	7	15.40	15.31	15.31		
5	256QAM	12	13	15.33	15.35	15.30		
5	256QAM	25	0	15.32	15.41	15.32		

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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	22.20	22.28	22.32	22.30	22.23	22.8	0
20	QPSK	1	49	22.06	22.14	22.06	22.23	22.15		
20	QPSK	1	99	22.14	22.25	22.30	22.29	22.18		
20	QPSK	50	0	21.75	21.80	21.85	21.80	21.78	22.3	0.5
20	QPSK	50	24	21.73	21.67	21.79	21.79	21.75		
20	QPSK	50	50	21.66	21.75	21.82	21.75	21.71		
20	QPSK	100	0	21.70	21.73	21.80	21.75	21.77		
20	16QAM	1	0	21.72	21.74	21.76	21.90	21.63	22.3	0.5
20	16QAM	1	49	21.75	21.66	21.86	21.92	21.81		
20	16QAM	1	99	21.77	21.74	21.96	21.87	21.74		
20	16QAM	50	0	21.11	21.24	21.19	21.38	21.23	21.8	1
20	16QAM	50	24	21.22	21.22	21.26	21.35	21.22		
20	16QAM	50	50	21.20	21.29	21.34	21.39	21.20		
20	16QAM	100	0	21.15	21.25	21.30	21.32	21.23		
20	64QAM	1	0	20.40	20.41	20.38	20.58	20.45	20.8	2
20	64QAM	1	49	20.48	20.53	20.54	20.64	20.43		
20	64QAM	1	99	20.45	20.52	20.63	20.48	20.44		
20	64QAM	50	0	20.16	20.19	20.27	20.30	20.18	20.8	2
20	64QAM	50	24	20.13	20.17	20.23	20.32	20.22		
20	64QAM	50	50	20.16	20.25	20.31	20.31	20.19		
20	64QAM	100	0	20.10	20.23	20.26	20.33	20.15		
20	256QAM	1	0	16.70	16.78	16.84	16.79	16.82	17.8	5
20	256QAM	1	49	16.72	16.75	16.79	16.65	16.71		
20	256QAM	1	99	16.65	16.68	16.73	16.71	16.61		
20	256QAM	50	0	16.75	16.69	16.79	16.72	16.64	17.8	5
20	256QAM	50	24	16.71	16.74	16.76	16.66	16.69		
20	256QAM	50	50	16.80	16.78	16.85	16.71	16.72		
20	256QAM	100	0	16.78	16.70	16.81	16.68	16.76		
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	22.03	22.12	22.03	22.18	22.09	22.8	0
15	QPSK	1	37	22.12	22.18	22.17	22.25	22.16		
15	QPSK	1	74	22.05	22.19	22.28	22.15	22.15		
15	QPSK	36	0	21.61	21.69	21.74	21.70	21.74	22.3	0.5
15	QPSK	36	20	21.72	21.59	21.68	21.70	21.60		
15	QPSK	36	39	21.65	21.66	21.73	21.73	21.67		
15	QPSK	75	0	21.65	21.69	21.74	21.61	21.76		
15	16QAM	1	0	21.69	21.60	21.62	21.88	21.58	22.3	0.5
15	16QAM	1	37	21.67	21.57	21.78	21.87	21.79		
15	16QAM	1	74	21.76	21.66	21.82	21.75	21.68		
15	16QAM	36	0	21.02	21.09	21.08	21.25	21.21	21.8	1
15	16QAM	36	20	21.08	21.17	21.21	21.32	21.18		
15	16QAM	36	39	21.14	21.22	21.22	21.37	21.10		
15	16QAM	75	0	21.02	21.10	21.18	21.26	21.18		
15	64QAM	1	0	20.31	20.30	20.31	20.50	20.30	20.8	2
15	64QAM	1	37	20.39	20.45	20.53	20.59	20.36		
15	64QAM	1	74	20.43	20.42	20.60	20.36	20.33		
15	64QAM	36	0	20.03	20.13	20.23	20.18	20.13	20.8	2
15	64QAM	36	20	20.03	20.08	20.16	20.19	20.11		
15	64QAM	36	39	20.04	20.23	20.25	20.20	20.15		
15	64QAM	75	0	20.04	20.10	20.17	20.23	20.01		
15	256QAM	1	0	16.63	16.69	16.70	16.73	16.78	17.8	5
15	256QAM	1	37	16.59	16.71	16.72	16.56	16.69		
15	256QAM	1	74	16.57	16.53	16.63	16.57	16.55		
15	256QAM	36	0	16.73	16.64	16.70	16.64	16.61	17.8	5
15	256QAM	36	20	16.64	16.65	16.68	16.58	16.64		
15	256QAM	36	39	16.69	16.63	16.75	16.57	16.66		
15	256QAM	75	0	16.69	16.68	16.74	16.65	16.68		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.00	22.08	21.91	22.13	22.09	22.8	0
10	QPSK	1	25	22.09	22.26	22.26	22.24	22.12		
10	QPSK	1	49	22.05	22.14	22.17	22.21	22.14		
10	QPSK	25	0	21.70	21.72	21.83	21.65	21.72	22.3	0.5
10	QPSK	25	12	21.59	21.55	21.73	21.67	21.66		
10	QPSK	25	25	21.54	21.69	21.80	21.73	21.61		
10	QPSK	50	0	21.60	21.63	21.79	21.70	21.76		
10	16QAM	1	0	21.71	21.73	21.62	21.87	21.56	22.3	0.5
10	16QAM	1	25	21.62	21.65	21.75	21.77	21.80		
10	16QAM	1	49	21.68	21.64	21.92	21.73	21.62		
10	16QAM	25	0	21.04	21.09	21.06	21.28	21.14	21.8	1
10	16QAM	25	12	21.19	21.13	21.24	21.29	21.15		
10	16QAM	25	25	21.07	21.14	21.22	21.35	21.14		
10	16QAM	50	0	21.10	21.18	21.29	21.25	21.11		
10	64QAM	1	0	20.27	20.32	20.30	20.53	20.36	20.8	2
10	64QAM	1	25	20.37	20.46	20.47	20.51	20.40		
10	64QAM	1	49	20.39	20.37	20.59	20.35	20.36		
10	64QAM	25	0	20.10	20.09	20.15	20.27	20.12	20.8	2
10	64QAM	25	12	20.09	20.14	20.21	20.30	20.14		
10	64QAM	25	25	20.04	20.19	20.23	20.24	20.17		
10	64QAM	50	0	19.95	20.09	20.11	20.30	20.02		
10	256QAM	1	0	16.57	16.67	16.79	16.73	16.73	17.8	5
10	256QAM	1	25	16.63	16.62	16.68	16.58	16.65		
10	256QAM	1	49	16.60	16.53	16.59	16.60	16.50		
10	256QAM	25	0	16.62	16.65	16.67	16.62	16.60	17.8	5
10	256QAM	25	12	16.56	16.68	16.62	16.56	16.65		
10	256QAM	25	25	16.78	16.77	16.75	16.66	16.58		
10	256QAM	50	0	16.72	16.64	16.78	16.62	16.67		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.01	22.05	21.91	22.08	22.10	22.8	0
5	QPSK	1	12	22.11	22.20	22.25	22.23	22.19		
5	QPSK	1	24	21.99	22.10	22.19	22.28	22.10		
5	QPSK	12	0	21.74	21.71	21.83	21.79	21.75	22.3	0.5
5	QPSK	12	7	21.62	21.62	21.69	21.68	21.60		
5	QPSK	12	13	21.62	21.72	21.71	21.65	21.68		
5	QPSK	25	0	21.55	21.63	21.72	21.61	21.64		
5	16QAM	1	0	21.58	21.69	21.64	21.78	21.60	22.3	0.5
5	16QAM	1	12	21.60	21.57	21.78	21.79	21.76		
5	16QAM	1	24	21.65	21.61	21.94	21.83	21.60		
5	16QAM	12	0	21.06	21.15	21.10	21.35	21.10	21.8	1
5	16QAM	12	7	21.15	21.21	21.11	21.20	21.16		
5	16QAM	12	13	21.06	21.22	21.21	21.35	21.18		
5	16QAM	25	0	21.09	21.11	21.16	21.30	21.08		
5	64QAM	1	0	20.29	20.30	20.36	20.51	20.40	20.8	2
5	64QAM	1	12	20.34	20.48	20.42	20.53	20.28		
5	64QAM	1	24	20.44	20.42	20.50	20.45	20.29		
5	64QAM	12	0	20.05	20.14	20.19	20.27	20.11	20.8	2
5	64QAM	12	7	19.99	20.10	20.08	20.20	20.20		
5	64QAM	12	13	20.02	20.24	20.24	20.27	20.14		
5	64QAM	25	0	19.99	20.20	20.21	20.30	20.05		
5	256QAM	1	0	16.67	16.63	16.75	16.69	16.80	17.8	5
5	256QAM	1	12	16.68	16.63	16.72	16.52	16.64		
5	256QAM	1	24	16.62	16.55	16.59	16.58	16.53		
5	256QAM	12	0	16.72	16.62	16.67	16.60	16.53	17.8	5
5	256QAM	12	7	16.70	16.64	16.73	16.60	16.64		
5	256QAM	12	13	16.73	16.74	16.77	16.60	16.69		
5	256QAM	25	0	16.65	16.68	16.78	16.58	16.64		

Band 41(HPUE)_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.10	25.08	25.11	25.02	25.00	25.8	0
20	QPSK	1	49	25.09	25.00	24.97	24.95	24.85		
20	QPSK	1	99	25.07	24.94	25.01	24.99	24.95		
20	QPSK	50	0	24.58	24.62	24.65	24.51	24.62	25.3	0.5
20	QPSK	50	24	24.44	24.51	24.52	24.48	24.40		
20	QPSK	50	50	24.48	24.54	24.55	24.46	24.45		
20	QPSK	100	0	24.56	24.53	24.63	24.56	24.52		
20	16QAM	1	0	24.74	24.65	24.75	24.62	24.69	25.3	0.5
20	16QAM	1	49	24.61	24.56	24.65	24.58	24.54		
20	16QAM	1	99	24.60	24.61	24.64	24.50	24.59		
20	16QAM	50	0	24.01	23.98	24.12	23.98	24.09	24.8	1
20	16QAM	50	24	23.97	23.96	24.03	23.92	23.88		
20	16QAM	50	50	24.04	23.98	24.08	23.94	24.02		
20	16QAM	100	0	23.98	23.92	24.00	23.99	23.93		
20	64QAM	1	0	23.50	23.47	23.60	23.47	23.48	24.8	1
20	64QAM	1	49	23.47	23.50	23.55	23.48	23.52		
20	64QAM	1	99	23.56	23.48	23.58	23.51	23.48		
20	64QAM	50	0	23.07	23.12	23.15	23.14	23.12	23.8	2
20	64QAM	50	24	23.08	22.96	23.09	23.04	23.06		
20	64QAM	50	50	22.98	23.08	23.10	22.95	22.95		
20	64QAM	100	0	22.94	22.89	23.01	22.87	22.91		
20	256QAM	1	0	19.87	19.91	20.00	19.95	19.96	20.8	5
20	256QAM	1	49	19.79	19.79	19.88	19.74	19.78		
20	256QAM	1	99	19.81	19.81	19.93	19.83	19.79		
20	256QAM	50	0	19.94	19.91	19.95	19.87	19.88	20.8	5
20	256QAM	50	24	19.83	19.82	19.90	19.83	19.80		
20	256QAM	50	50	19.80	19.81	19.88	19.87	19.81		
20	256QAM	100	0	19.85	19.92	19.95	19.93	19.91		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.97	24.91	24.86	24.83	24.75	25.8	0
15	QPSK	1	37	25.01	25.00	25.02	24.92	24.88		
15	QPSK	1	74	24.93	24.82	24.95	24.90	24.87		
15	QPSK	36	0	24.46	24.60	24.62	24.41	24.48	25.3	0.5
15	QPSK	36	20	24.43	24.36	24.50	24.33	24.36		
15	QPSK	36	39	24.47	24.52	24.51	24.31	24.42		
15	QPSK	75	0	24.49	24.40	24.56	24.48	24.41		
15	16QAM	1	0	24.66	24.61	24.73	24.59	24.58	25.3	0.5
15	16QAM	1	37	24.49	24.46	24.58	24.50	24.53		
15	16QAM	1	74	24.52	24.57	24.62	24.43	24.53		
15	16QAM	36	0	23.98	23.87	24.09	23.83	24.03	24.8	1
15	16QAM	36	20	23.92	23.87	23.95	23.79	23.83		
15	16QAM	36	39	23.97	23.94	23.97	23.87	23.91		
15	16QAM	75	0	23.87	23.86	23.92	23.96	23.90		
15	64QAM	1	0	23.39	23.43	23.45	23.43	23.42	24.8	1
15	64QAM	1	37	23.33	23.40	23.54	23.44	23.40		
15	64QAM	1	74	23.41	23.45	23.55	23.45	23.40		
15	64QAM	36	0	23.02	23.03	23.00	23.00	23.08	23.8	2
15	64QAM	36	20	23.02	22.94	22.95	22.99	22.97		
15	64QAM	36	39	22.92	23.06	23.02	22.82	22.84		
15	64QAM	75	0	22.79	22.77	22.86	22.73	22.86		
15	256QAM	1	0	19.80	19.80	19.85	19.85	19.95	20.8	5
15	256QAM	1	37	19.70	19.72	19.76	19.70	19.68		
15	256QAM	1	74	19.75	19.67	19.85	19.68	19.70		
15	256QAM	36	0	19.82	19.84	19.94	19.84	19.80	20.8	5
15	256QAM	36	20	19.68	19.71	19.76	19.79	19.73		
15	256QAM	36	39	19.66	19.66	19.87	19.79	19.72		
15	256QAM	75	0	19.70	19.85	19.88	19.79	19.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.05	24.97	24.87	24.80	24.70	25.8	0
10	QPSK	1	25	25.04	25.01	25.03	24.88	24.96		
10	QPSK	1	49	24.98	24.93	24.98	24.89	24.86		
10	QPSK	25	0	24.50	24.52	24.61	24.40	24.59	25.3	0.5
10	QPSK	25	12	24.38	24.43	24.50	24.45	24.35		
10	QPSK	25	25	24.36	24.52	24.42	24.34	24.30		
10	QPSK	50	0	24.51	24.45	24.60	24.42	24.45		
10	16QAM	1	0	24.66	24.59	24.60	24.47	24.62	25.3	0.5
10	16QAM	1	25	24.58	24.54	24.61	24.46	24.49		
10	16QAM	1	49	24.57	24.55	24.52	24.44	24.54		
10	16QAM	25	0	23.92	23.85	24.01	23.85	23.95	24.8	1
10	16QAM	25	12	23.83	23.83	23.94	23.86	23.82		
10	16QAM	25	25	23.99	23.95	24.05	23.88	23.93		
10	16QAM	50	0	23.95	23.79	23.95	23.98	23.78		
10	64QAM	1	0	23.47	23.32	23.52	23.40	23.33	24.8	1
10	64QAM	1	25	23.46	23.43	23.49	23.46	23.38		
10	64QAM	1	49	23.43	23.40	23.45	23.39	23.34		
10	64QAM	25	0	22.95	23.08	23.00	23.13	23.00	23.8	2
10	64QAM	25	12	23.07	22.86	23.07	22.89	22.91		
10	64QAM	25	25	22.95	22.95	23.06	22.85	22.91		
10	64QAM	50	0	22.81	22.77	22.95	22.80	22.90		
10	256QAM	1	0	19.82	19.78	19.96	19.93	19.92	20.8	5
10	256QAM	1	25	19.68	19.65	19.75	19.63	19.71		
10	256QAM	1	49	19.78	19.73	19.83	19.71	19.75		
10	256QAM	25	0	19.91	19.84	19.84	19.85	19.73	20.8	5
10	256QAM	25	12	19.74	19.69	19.88	19.71	19.69		
10	256QAM	25	25	19.79	19.80	19.75	19.84	19.79		
10	256QAM	50	0	19.78	19.79	19.91	19.92	19.89		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.94	24.89	24.88	24.88	24.70	25.8	0
5	QPSK	1	12	25.00	24.93	25.01	24.95	24.97		
5	QPSK	1	24	25.00	24.89	24.90	24.92	24.81		
5	QPSK	12	0	24.49	24.50	24.63	24.36	24.61	25.3	0.5
5	QPSK	12	7	24.36	24.46	24.37	24.39	24.35		
5	QPSK	12	13	24.46	24.43	24.45	24.34	24.37		
5	QPSK	25	0	24.42	24.44	24.58	24.43	24.46		
5	16QAM	1	0	24.70	24.64	24.60	24.61	24.64	25.3	0.5
5	16QAM	1	12	24.46	24.46	24.58	24.45	24.49		
5	16QAM	1	24	24.57	24.46	24.49	24.36	24.45		
5	16QAM	12	0	23.89	23.94	24.11	23.95	23.94	24.8	1
5	16QAM	12	7	23.93	23.81	23.99	23.80	23.80		
5	16QAM	12	13	23.99	23.88	24.04	23.84	23.96		
5	16QAM	25	0	23.93	23.79	23.94	23.91	23.86		
5	64QAM	1	0	23.35	23.42	23.59	23.37	23.40	24.8	1
5	64QAM	1	12	23.34	23.43	23.48	23.42	23.50		
5	64QAM	1	24	23.49	23.38	23.44	23.48	23.46		
5	64QAM	12	0	22.93	22.99	23.05	23.06	23.08	23.8	2
5	64QAM	12	7	22.93	22.91	23.03	23.03	23.05		
5	64QAM	12	13	22.84	22.95	22.98	22.94	22.80		
5	64QAM	25	0	22.83	22.75	22.97	22.76	22.81		
5	256QAM	1	0	19.79	19.86	19.93	19.94	19.88	20.8	5
5	256QAM	1	12	19.66	19.78	19.74	19.65	19.64		
5	256QAM	1	24	19.68	19.71	19.78	19.68	19.73		
5	256QAM	12	0	19.80	19.85	19.85	19.86	19.87	20.8	5
5	256QAM	12	7	19.73	19.76	19.87	19.78	19.72		
5	256QAM	12	13	19.77	19.69	19.87	19.85	19.78		
5	256QAM	25	0	19.74	19.90	19.84	19.80	19.90		

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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	17.90	17.96	18.02	18.00	17.93	18.8	0
20	QPSK	1	49	17.88	17.93	17.97	17.92	17.90		
20	QPSK	1	99	17.82	17.84	17.97	17.88	17.81		
20	QPSK	50	0	17.88	17.94	18.00	17.96	17.91	18.8	0
20	QPSK	50	24	17.84	17.92	17.99	17.95	17.83		
20	QPSK	50	50	17.85	17.90	17.94	17.95	17.82		
20	QPSK	100	0	17.78	17.86	17.98	17.90	17.78		
20	16QAM	1	0	17.80	17.81	17.94	17.98	17.84	18.8	0
20	16QAM	1	49	17.82	17.83	17.91	17.85	17.83		
20	16QAM	1	99	17.76	17.90	17.92	17.99	17.81		
20	16QAM	50	0	17.81	17.89	17.88	17.88	17.89	18.8	0
20	16QAM	50	24	17.75	17.84	17.89	17.96	17.81		
20	16QAM	50	50	17.78	17.83	17.93	17.86	17.89		
20	16QAM	100	0	17.75	17.90	17.99	17.94	17.78		
20	64QAM	1	0	17.85	17.92	17.95	17.93	17.83	18.8	0
20	64QAM	1	49	17.86	17.85	17.92	17.97	17.90		
20	64QAM	1	99	17.82	17.83	17.95	17.98	17.92		
20	64QAM	50	0	17.83	17.90	17.98	17.91	17.78	18.8	0
20	64QAM	50	24	17.80	17.88	17.95	17.98	17.83		
20	64QAM	50	50	17.83	17.93	18.01	17.95	17.81		
20	64QAM	100	0	17.84	17.83	17.94	17.94	17.84		
20	256QAM	1	0	16.37	16.40	16.48	16.37	16.45	17.3	1.5
20	256QAM	1	49	16.32	16.38	16.43	16.30	16.38		
20	256QAM	1	99	16.40	16.37	16.48	16.35	16.45		
20	256QAM	50	0	16.40	16.41	16.44	16.42	16.41	17.3	1.5
20	256QAM	50	24	16.35	16.37	16.46	16.37	16.35		
20	256QAM	50	50	16.45	16.39	16.50	16.45	16.48		
20	256QAM	100	0	16.50	16.46	16.51	16.48	16.48		
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	17.83	17.85	17.97	17.90	17.86	18.8	0
15	QPSK	1	37	17.74	17.80	17.83	17.85	17.86		
15	QPSK	1	74	17.74	17.82	17.84	17.81	17.80		
15	QPSK	36	0	17.87	17.85	17.88	17.95	17.89	18.8	0
15	QPSK	36	20	17.70	17.86	17.95	17.93	17.80		
15	QPSK	36	39	17.80	17.83	17.90	17.91	17.80		
15	QPSK	75	0	17.72	17.79	17.83	17.84	17.68		
15	16QAM	1	0	17.71	17.67	17.83	17.85	17.82	18.8	0
15	16QAM	1	37	17.80	17.81	17.83	17.79	17.79		
15	16QAM	1	74	17.66	17.80	17.80	17.93	17.79		
15	16QAM	36	0	17.74	17.82	17.83	17.73	17.81	18.8	0
15	16QAM	36	20	17.74	17.83	17.87	17.84	17.76		
15	16QAM	36	39	17.76	17.76	17.91	17.71	17.74		
15	16QAM	75	0	17.73	17.75	17.90	17.90	17.70		
15	64QAM	1	0	17.80	17.82	17.89	17.91	17.72	18.8	0
15	64QAM	1	37	17.77	17.79	17.86	17.85	17.81		
15	64QAM	1	74	17.67	17.80	17.91	17.92	17.86		
15	64QAM	36	0	17.73	17.87	17.97	17.89	17.65	18.8	0
15	64QAM	36	20	17.70	17.77	17.85	17.93	17.78		
15	64QAM	36	39	17.75	17.81	17.94	17.87	17.76		
15	64QAM	75	0	17.73	17.79	17.89	17.84	17.74		
15	256QAM	1	0	16.27	16.39	16.46	16.26	16.43	17.3	1.5
15	256QAM	1	37	16.18	16.28	16.31	16.25	16.28		
15	256QAM	1	74	16.26	16.26	16.42	16.27	16.34		
15	256QAM	36	0	16.36	16.38	16.37	16.41	16.38	17.3	1.5
15	256QAM	36	20	16.28	16.24	16.44	16.30	16.24		
15	256QAM	36	39	16.34	16.34	16.35	16.38	16.34		
15	256QAM	75	0	16.36	16.43	16.40	16.43	16.33		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.88	17.81	17.95	17.97	17.78	18.8	0
10	QPSK	1	25	17.75	17.80	17.82	17.86	17.86		
10	QPSK	1	49	17.78	17.81	17.87	17.79	17.67		
10	QPSK	25	0	17.81	17.82	17.86	17.93	17.88	18.8	0
10	QPSK	25	12	17.82	17.79	17.91	17.88	17.74		
10	QPSK	25	25	17.77	17.77	17.89	17.91	17.75		
10	QPSK	50	0	17.68	17.71	17.96	17.83	17.76		
10	16QAM	1	0	17.69	17.68	17.83	17.88	17.72	18.8	0
10	16QAM	1	25	17.67	17.71	17.76	17.83	17.80		
10	16QAM	1	49	17.72	17.77	17.80	17.91	17.66		
10	16QAM	25	0	17.79	17.87	17.79	17.78	17.76	18.8	0
10	16QAM	25	12	17.60	17.77	17.80	17.90	17.80		
10	16QAM	25	25	17.73	17.73	17.90	17.77	17.74		
10	16QAM	50	0	17.71	17.77	17.92	17.93	17.70		
10	64QAM	1	0	17.84	17.79	17.86	17.80	17.82	18.8	0
10	64QAM	1	25	17.82	17.84	17.87	17.96	17.80		
10	64QAM	1	49	17.70	17.70	17.92	17.88	17.80		
10	64QAM	25	0	17.75	17.79	17.94	17.85	17.77	18.8	0
10	64QAM	25	12	17.70	17.75	17.93	17.84	17.79		
10	64QAM	25	25	17.81	17.83	17.89	17.83	17.71		
10	64QAM	50	0	17.79	17.72	17.86	17.82	17.77		
10	256QAM	1	0	16.34	16.38	16.37	16.27	16.41	17.3	1.5
10	256QAM	1	25	16.19	16.29	16.32	16.26	16.26		
10	256QAM	1	49	16.39	16.32	16.35	16.31	16.44		
10	256QAM	25	0	16.36	16.37	16.42	16.39	16.36	17.3	1.5
10	256QAM	25	12	16.27	16.29	16.33	16.31	16.33		
10	256QAM	25	25	16.31	16.36	16.47	16.35	16.47		
10	256QAM	50	0	16.40	16.43	16.50	16.46	16.45		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.78	17.81	17.92	17.91	17.91	18.8	0
5	QPSK	1	12	17.82	17.78	17.88	17.82	17.86		
5	QPSK	1	24	17.70	17.70	17.86	17.80	17.76		
5	QPSK	12	0	17.86	17.85	17.96	17.81	17.87	18.8	0
5	QPSK	12	7	17.76	17.83	17.90	17.82	17.81		
5	QPSK	12	13	17.73	17.82	17.83	17.88	17.72		
5	QPSK	25	0	17.75	17.80	17.91	17.77	17.63		
5	16QAM	1	0	17.68	17.71	17.93	17.83	17.82	18.8	0
5	16QAM	1	12	17.69	17.72	17.79	17.84	17.75		
5	16QAM	1	24	17.73	17.76	17.79	17.90	17.70		
5	16QAM	12	0	17.66	17.86	17.78	17.79	17.88	18.8	0
5	16QAM	12	7	17.72	17.72	17.74	17.82	17.79		
5	16QAM	12	13	17.64	17.71	17.88	17.73	17.75		
5	16QAM	25	0	17.73	17.85	17.94	17.88	17.76		
5	64QAM	1	0	17.74	17.80	17.83	17.91	17.68	18.8	0
5	64QAM	1	12	17.83	17.83	17.86	17.86	17.88		
5	64QAM	1	24	17.67	17.75	17.93	17.85	17.77		
5	64QAM	12	0	17.68	17.87	17.97	17.86	17.76	18.8	0
5	64QAM	12	7	17.74	17.73	17.86	17.91	17.71		
5	64QAM	12	13	17.72	17.82	17.91	17.92	17.70		
5	64QAM	25	0	17.81	17.82	17.92	17.82	17.75		
5	256QAM	1	0	16.35	16.38	16.35	16.27	16.35	17.3	1.5
5	256QAM	1	12	16.26	16.35	16.36	16.28	16.30		
5	256QAM	1	24	16.26	16.34	16.47	16.26	16.40		
5	256QAM	12	0	16.30	16.31	16.37	16.30	16.34	17.3	1.5
5	256QAM	12	7	16.33	16.32	16.33	16.30	16.32		
5	256QAM	12	13	16.33	16.26	16.47	16.38	16.42		
5	256QAM	25	0	16.35	16.45	16.36	16.38	16.33		

Band 41(HPUE)_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.99	18.96	19.05	19.00	18.94	19.8	0
20	QPSK	1	49	18.89	18.93	18.92	18.93	18.84		
20	QPSK	1	99	18.91	18.91	18.92	18.89	18.84		
20	QPSK	50	0	18.97	18.93	19.03	18.98	18.89	19.8	0
20	QPSK	50	24	18.88	18.83	19.02	18.97	18.84		
20	QPSK	50	50	18.86	18.84	18.97	18.96	18.88		
20	QPSK	100	0	18.95	18.82	19.00	18.90	18.88		
20	16QAM	1	0	18.95	18.91	18.99	18.88	18.83	19.8	0
20	16QAM	1	49	18.96	18.86	18.96	18.93	18.79		
20	16QAM	1	99	18.90	18.92	19.02	18.86	18.89		
20	16QAM	50	0	18.93	18.81	18.95	18.95	18.92	19.8	0
20	16QAM	50	24	18.88	18.85	19.00	18.87	18.93		
20	16QAM	50	50	18.98	18.95	19.00	18.94	18.93		
20	16QAM	100	0	18.96	18.81	18.94	18.88	18.79		
20	64QAM	1	0	18.84	18.93	18.99	18.90	18.89	19.8	0
20	64QAM	1	49	18.95	18.93	18.99	18.94	18.84		
20	64QAM	1	99	18.93	18.84	19.01	18.88	18.90		
20	64QAM	50	0	18.96	18.85	18.99	18.98	18.91	19.8	0
20	64QAM	50	24	18.97	18.92	18.98	18.90	18.79		
20	64QAM	50	50	18.95	18.86	18.98	18.99	18.87		
20	64QAM	100	0	18.86	18.86	18.95	18.86	18.85		
20	256QAM	1	0	18.96	18.82	19.01	18.90	18.79	19.8	0
20	256QAM	1	49	18.90	18.87	19.04	18.96	18.88		
20	256QAM	1	99	18.95	18.91	18.90	18.89	18.82		
20	256QAM	50	0	18.91	18.94	18.97	18.86	18.84	19.8	0
20	256QAM	50	24	18.98	18.84	18.93	18.86	18.87		
20	256QAM	50	50	18.89	18.94	18.90	18.87	18.85		
20	256QAM	100	0	18.86	18.81	18.92	18.86	18.86		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.87	18.86	18.96	18.95	18.84	19.8	0
15	QPSK	1	37	18.80	18.84	18.77	18.81	18.80		
15	QPSK	1	74	18.76	18.78	18.87	18.88	18.77		
15	QPSK	36	0	18.87	18.80	18.88	18.97	18.85	19.8	0
15	QPSK	36	20	18.74	18.75	18.89	18.86	18.77		
15	QPSK	36	39	18.76	18.69	18.95	18.90	18.77		
15	QPSK	75	0	18.80	18.76	18.97	18.80	18.81		
15	16QAM	1	0	18.84	18.82	18.97	18.78	18.72	19.8	0
15	16QAM	1	37	18.95	18.71	18.88	18.92	18.64		
15	16QAM	1	74	18.81	18.80	18.90	18.81	18.88		
15	16QAM	36	0	18.88	18.79	18.93	18.80	18.83	19.8	0
15	16QAM	36	20	18.84	18.71	18.93	18.74	18.90		
15	16QAM	36	39	18.91	18.93	18.88	18.91	18.86		
15	16QAM	75	0	18.82	18.72	18.91	18.87	18.72		
15	64QAM	1	0	18.76	18.91	18.94	18.81	18.85	19.8	0
15	64QAM	1	37	18.88	18.79	18.91	18.85	18.71		
15	64QAM	1	74	18.80	18.69	19.00	18.76	18.84		
15	64QAM	36	0	18.83	18.72	18.90	18.90	18.84	19.8	0
15	64QAM	36	20	18.95	18.78	18.86	18.84	18.72		
15	64QAM	36	39	18.94	18.73	18.95	18.98	18.80		
15	64QAM	75	0	18.83	18.76	18.92	18.84	18.78		
15	256QAM	1	0	18.90	18.77	18.93	18.76	18.70	19.8	0
15	256QAM	1	37	18.85	18.77	18.92	18.85	18.80		
15	256QAM	1	74	18.94	18.88	18.84	18.82	18.81		
15	256QAM	36	0	18.84	18.79	18.90	18.74	18.78	19.8	0
15	256QAM	36	20	18.94	18.72	18.86	18.83	18.79		
15	256QAM	36	39	18.82	18.92	18.85	18.85	18.75		
15	256QAM	75	0	18.76	18.77	18.82	18.81	18.80		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.85	18.84	18.95	18.96	18.85	19.8	0
10	QPSK	1	25	18.80	18.83	18.85	18.82	18.73		
10	QPSK	1	49	18.84	18.79	18.82	18.84	18.81		
10	QPSK	25	0	18.85	18.79	18.90	18.95	18.85	19.8	0
10	QPSK	25	12	18.86	18.81	18.97	18.85	18.74		
10	QPSK	25	25	18.81	18.75	18.87	18.93	18.86		
10	QPSK	50	0	18.81	18.81	18.98	18.84	18.78		
10	16QAM	1	0	18.87	18.86	18.84	18.80	18.75	19.8	0
10	16QAM	1	25	18.81	18.79	18.95	18.87	18.65		
10	16QAM	1	49	18.79	18.81	18.98	18.83	18.79		
10	16QAM	25	0	18.87	18.73	18.80	18.82	18.87	19.8	0
10	16QAM	25	12	18.87	18.82	18.94	18.84	18.86		
10	16QAM	25	25	18.85	18.88	18.87	18.85	18.88		
10	16QAM	50	0	18.94	18.75	18.89	18.83	18.76		
10	64QAM	1	0	18.80	18.82	18.96	18.89	18.88	19.8	0
10	64QAM	1	25	18.89	18.90	18.91	18.90	18.77		
10	64QAM	1	49	18.90	18.73	18.87	18.83	18.85		
10	64QAM	25	0	18.81	18.71	18.94	18.83	18.78	19.8	0
10	64QAM	25	12	18.96	18.88	18.94	18.89	18.75		
10	64QAM	25	25	18.80	18.74	18.96	18.98	18.76		
10	64QAM	50	0	18.74	18.76	18.90	18.83	18.70		
10	256QAM	1	0	18.93	18.68	18.98	18.84	18.75	19.8	0
10	256QAM	1	25	18.82	18.78	18.89	18.90	18.84		
10	256QAM	1	49	18.89	18.79	18.82	18.84	18.81		
10	256QAM	25	0	18.76	18.86	18.84	18.78	18.78	19.8	0
10	256QAM	25	12	18.87	18.80	18.80	18.83	18.78		
10	256QAM	25	25	18.82	18.83	18.83	18.86	18.71		
10	256QAM	50	0	18.81	18.74	18.78	18.71	18.76		
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	18.98	18.92	19.03	18.93	18.84	19.8	0
5	QPSK	1	12	18.81	18.84	18.80	18.89	18.75		
5	QPSK	1	24	18.88	18.86	18.83	18.79	18.82		
5	QPSK	12	0	18.87	18.78	18.88	18.96	18.76	19.8	0
5	QPSK	12	7	18.80	18.79	18.95	18.85	18.81		
5	QPSK	12	13	18.85	18.76	18.91	18.90	18.83		
5	QPSK	25	0	18.89	18.77	18.95	18.78	18.82		
5	16QAM	1	0	18.85	18.88	18.92	18.79	18.73	19.8	0
5	16QAM	1	12	18.85	18.84	18.89	18.91	18.64		
5	16QAM	1	24	18.84	18.79	18.92	18.85	18.82		
5	16QAM	12	0	18.83	18.79	18.84	18.83	18.85	19.8	0
5	16QAM	12	7	18.76	18.81	18.95	18.79	18.87		
5	16QAM	12	13	18.91	18.82	18.95	18.90	18.90		
5	16QAM	25	0	18.90	18.74	18.82	18.81	18.76		
5	64QAM	1	0	18.82	18.80	18.86	18.87	18.77	19.8	0
5	64QAM	1	12	18.87	18.82	18.92	18.90	18.72		
5	64QAM	1	24	18.79	18.71	18.96	18.85	18.76		
5	64QAM	12	0	18.88	18.83	18.98	18.86	18.76	19.8	0
5	64QAM	12	7	18.90	18.88	18.89	18.85	18.76		
5	64QAM	12	13	18.81	18.81	18.95	18.87	18.80		
5	64QAM	25	0	18.72	18.85	18.83	18.84	18.72		
5	256QAM	1	0	18.94	18.77	18.93	18.81	18.68	19.8	0
5	256QAM	1	12	18.80	18.84	19.02	18.89	18.75		
5	256QAM	1	24	18.92	18.87	18.77	18.78	18.77		
5	256QAM	12	0	18.83	18.80	18.93	18.75	18.79	19.8	0
5	256QAM	12	7	18.86	18.83	18.80	18.73	18.77		
5	256QAM	12	13	18.83	18.87	18.82	18.84	18.78		
5	256QAM	25	0	18.77	18.74	18.88	18.79	18.73		

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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	15.68	15.66	15.72	15.69	15.70	16.2	0
20	QPSK	1	49	15.60	15.54	15.57	15.54	15.58		
20	QPSK	1	99	15.63	15.52	15.66	15.60	15.69		
20	QPSK	50	0	15.66	15.65	15.70	15.68	15.69	16.2	0
20	QPSK	50	24	15.59	15.64	15.68	15.63	15.57		
20	QPSK	50	50	15.53	15.51	15.68	15.60	15.57		
20	QPSK	100	0	15.64	15.51	15.68	15.55	15.66		
20	16QAM	1	0	15.53	15.51	15.59	15.63	15.68	16.2	0
20	16QAM	1	49	15.54	15.52	15.65	15.58	15.64		
20	16QAM	1	99	15.63	15.55	15.68	15.65	15.55		
20	16QAM	50	0	15.54	15.62	15.58	15.54	15.68	16.2	0
20	16QAM	50	24	15.65	15.51	15.64	15.66	15.67		
20	16QAM	50	50	15.63	15.53	15.64	15.67	15.67		
20	16QAM	100	0	15.56	15.62	15.58	15.60	15.64		
20	64QAM	1	0	15.66	15.64	15.57	15.58	15.55	16.2	0
20	64QAM	1	49	15.64	15.57	15.69	15.67	15.61		
20	64QAM	1	99	15.56	15.60	15.67	15.57	15.60		
20	64QAM	50	0	15.61	15.52	15.61	15.59	15.58	16.2	0
20	64QAM	50	24	15.57	15.53	15.64	15.56	15.63		
20	64QAM	50	50	15.67	15.65	15.65	15.63	15.66		
20	64QAM	100	0	15.57	15.51	15.59	15.61	15.62		
20	256QAM	1	0	15.59	15.58	15.57	15.59	15.59	16.2	0
20	256QAM	1	49	15.56	15.64	15.59	15.55	15.68		
20	256QAM	1	99	15.55	15.59	15.64	15.63	15.58		
20	256QAM	50	0	15.58	15.57	15.58	15.55	15.65	16.2	0
20	256QAM	50	24	15.62	15.64	15.64	15.62	15.59		
20	256QAM	50	50	15.61	15.51	15.68	15.60	15.68		
20	256QAM	100	0	15.59	15.61	15.61	15.68	15.68		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	15.56	15.64	15.57	15.61	15.63	16.2	0
15	QPSK	1	37	15.47	15.44	15.45	15.44	15.48		
15	QPSK	1	74	15.49	15.42	15.55	15.56	15.61		
15	QPSK	36	0	15.52	15.57	15.65	15.62	15.56	16.2	0
15	QPSK	36	20	15.47	15.60	15.57	15.56	15.45		
15	QPSK	36	39	15.45	15.44	15.57	15.58	15.56		
15	QPSK	75	0	15.60	15.42	15.62	15.53	15.61		
15	16QAM	1	0	15.52	15.41	15.58	15.61	15.55	16.2	0
15	16QAM	1	37	15.43	15.44	15.64	15.44	15.54		
15	16QAM	1	74	15.60	15.43	15.64	15.64	15.52		
15	16QAM	36	0	15.48	15.60	15.52	15.43	15.64	16.2	0
15	16QAM	36	20	15.53	15.48	15.55	15.52	15.53		
15	16QAM	36	39	15.49	15.51	15.53	15.60	15.62		
15	16QAM	75	0	15.51	15.52	15.53	15.46	15.56		
15	64QAM	1	0	15.57	15.63	15.55	15.49	15.54	16.2	0
15	64QAM	1	37	15.56	15.45	15.68	15.63	15.52		
15	64QAM	1	74	15.50	15.51	15.59	15.55	15.51		
15	64QAM	36	0	15.53	15.45	15.54	15.47	15.49	16.2	0
15	64QAM	36	20	15.56	15.43	15.61	15.55	15.56		
15	64QAM	36	39	15.59	15.62	15.62	15.54	15.65		
15	64QAM	75	0	15.42	15.41	15.55	15.59	15.55		
15	256QAM	1	0	15.45	15.49	15.45	15.51	15.51	16.2	0
15	256QAM	1	37	15.51	15.57	15.47	15.41	15.67		
15	256QAM	1	74	15.46	15.45	15.63	15.56	15.48		
15	256QAM	36	0	15.53	15.53	15.51	15.48	15.56	16.2	0
15	256QAM	36	20	15.50	15.52	15.63	15.52	15.45		
15	256QAM	36	39	15.58	15.42	15.65	15.56	15.67		
15	256QAM	75	0	15.44	15.52	15.58	15.60	15.53		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.67	15.58	15.67	15.59	15.65	16.2	0
10	QPSK	1	25	15.46	15.39	15.49	15.44	15.57		
10	QPSK	1	49	15.48	15.40	15.61	15.53	15.63		
10	QPSK	25	0	15.60	15.53	15.55	15.63	15.61	16.2	0
10	QPSK	25	12	15.55	15.60	15.53	15.51	15.46		
10	QPSK	25	25	15.49	15.36	15.66	15.53	15.54		
10	QPSK	50	0	15.61	15.40	15.56	15.53	15.52		
10	16QAM	1	0	15.40	15.45	15.52	15.56	15.67	16.2	0
10	16QAM	1	25	15.49	15.49	15.61	15.46	15.49		
10	16QAM	1	49	15.48	15.49	15.55	15.61	15.46		
10	16QAM	25	0	15.44	15.56	15.57	15.46	15.56	16.2	0
10	16QAM	25	12	15.51	15.48	15.49	15.63	15.57		
10	16QAM	25	25	15.55	15.39	15.60	15.62	15.64		
10	16QAM	50	0	15.41	15.47	15.56	15.47	15.57		
10	64QAM	1	0	15.65	15.56	15.43	15.54	15.49	16.2	0
10	64QAM	1	25	15.60	15.46	15.64	15.54	15.47		
10	64QAM	1	49	15.47	15.56	15.53	15.54	15.59		
10	64QAM	25	0	15.49	15.46	15.51	15.57	15.57	16.2	0
10	64QAM	25	12	15.43	15.51	15.57	15.42	15.60		
10	64QAM	25	25	15.65	15.58	15.53	15.54	15.54		
10	64QAM	50	0	15.42	15.40	15.58	15.60	15.58		
10	256QAM	1	0	15.50	15.53	15.48	15.45	15.49	16.2	0
10	256QAM	1	25	15.51	15.53	15.51	15.46	15.56		
10	256QAM	1	49	15.52	15.54	15.56	15.58	15.49		
10	256QAM	25	0	15.43	15.52	15.44	15.45	15.59	16.2	0
10	256QAM	25	12	15.51	15.49	15.49	15.47	15.46		
10	256QAM	25	25	15.55	15.46	15.65	15.58	15.55		
10	256QAM	50	0	15.44	15.55	15.54	15.53	15.58		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	15.55	15.59	15.59	15.63	15.59	16.2	0
5	QPSK	1	12	15.58	15.42	15.54	15.50	15.52		
5	QPSK	1	24	15.62	15.41	15.56	15.52	15.58		
5	QPSK	12	0	15.52	15.62	15.68	15.56	15.57	16.2	0
5	QPSK	12	7	15.47	15.54	15.60	15.57	15.50		
5	QPSK	12	13	15.42	15.38	15.57	15.56	15.49		
5	QPSK	25	0	15.50	15.48	15.62	15.43	15.56		
5	16QAM	1	0	15.49	15.43	15.51	15.53	15.53	16.2	0
5	16QAM	1	12	15.43	15.41	15.59	15.44	15.59		
5	16QAM	1	24	15.60	15.41	15.64	15.64	15.50		
5	16QAM	12	0	15.41	15.50	15.56	15.45	15.63	16.2	0
5	16QAM	12	7	15.57	15.41	15.57	15.64	15.59		
5	16QAM	12	13	15.61	15.49	15.54	15.65	15.53		
5	16QAM	25	0	15.43	15.56	15.53	15.54	15.50		
5	64QAM	1	0	15.63	15.61	15.49	15.52	15.44	16.2	0
5	64QAM	1	12	15.52	15.51	15.54	15.63	15.48		
5	64QAM	1	24	15.55	15.51	15.53	15.45	15.48		
5	64QAM	12	0	15.60	15.41	15.53	15.56	15.46	16.2	0
5	64QAM	12	7	15.55	15.50	15.59	15.48	15.56		
5	64QAM	12	13	15.64	15.62	15.63	15.56	15.54		
5	64QAM	25	0	15.56	15.42	15.47	15.57	15.59		
5	256QAM	1	0	15.58	15.44	15.54	15.55	15.58	16.2	0
5	256QAM	1	12	15.52	15.50	15.48	15.40	15.58		
5	256QAM	1	24	15.48	15.44	15.51	15.56	15.54		
5	256QAM	12	0	15.49	15.55	15.47	15.49	15.50	16.2	0
5	256QAM	12	7	15.52	15.63	15.59	15.59	15.57		
5	256QAM	12	13	15.56	15.44	15.54	15.56	15.58		
5	256QAM	25	0	15.48	15.57	15.58	15.63	15.54		

Band 41(HPUE)_Ant 11

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	16.92	16.88	16.95	16.90	16.85	17.7	0
20	QPSK	1	49	16.79	16.86	16.91	16.82	16.84		
20	QPSK	1	99	16.79	16.75	16.90	16.85	16.73		
20	QPSK	50	0	16.91	16.86	16.92	16.88	16.82	17.7	0
20	QPSK	50	24	16.90	16.83	16.88	16.85	16.75		
20	QPSK	50	50	16.82	16.79	16.80	16.79	16.77		
20	QPSK	100	0	16.88	16.75	16.90	16.80	16.79		
20	16QAM	1	0	16.90	16.84	16.92	16.77	16.80	17.7	0
20	16QAM	1	49	16.84	16.82	16.89	16.89	16.71		
20	16QAM	1	99	16.83	16.84	16.90	16.79	16.70		
20	16QAM	50	0	16.78	16.87	16.83	16.80	16.74	17.7	0
20	16QAM	50	24	16.88	16.81	16.85	16.87	16.75		
20	16QAM	50	50	16.85	16.84	16.84	16.87	16.70		
20	16QAM	100	0	16.79	16.84	16.81	16.77	16.75		
20	64QAM	1	0	16.85	16.74	16.87	16.80	16.71	17.7	0
20	64QAM	1	49	16.91	16.74	16.80	16.88	16.83		
20	64QAM	1	99	16.88	16.76	16.86	16.87	16.82		
20	64QAM	50	0	16.89	16.84	16.90	16.79	16.74	17.7	0
20	64QAM	50	24	16.77	16.82	16.83	16.86	16.70		
20	64QAM	50	50	16.81	16.85	16.87	16.77	16.72		
20	64QAM	100	0	16.84	16.87	16.89	16.77	16.72		
20	256QAM	1	0	16.82	16.83	16.84	16.87	16.72	17.7	0
20	256QAM	1	49	16.77	16.79	16.85	16.82	16.71		
20	256QAM	1	99	16.91	16.79	16.80	16.83	16.76		
20	256QAM	50	0	16.83	16.75	16.83	16.78	16.74	17.7	0
20	256QAM	50	24	16.91	16.78	16.94	16.85	16.70		
20	256QAM	50	50	16.81	16.86	16.89	16.77	16.78		
20	256QAM	100	0	16.82	16.80	16.90	16.85	16.70		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.80	16.74	16.84	16.79	16.84	17.7	0
15	QPSK	1	37	16.65	16.78	16.81	16.78	16.73		
15	QPSK	1	74	16.73	16.74	16.77	16.77	16.66		
15	QPSK	36	0	16.86	16.84	16.91	16.82	16.79	17.7	0
15	QPSK	36	20	16.81	16.77	16.85	16.78	16.74		
15	QPSK	36	39	16.76	16.70	16.73	16.66	16.65		
15	QPSK	75	0	16.86	16.73	16.89	16.69	16.71		
15	16QAM	1	0	16.79	16.79	16.79	16.72	16.70	17.7	0
15	16QAM	1	37	16.69	16.71	16.74	16.81	16.68		
15	16QAM	1	74	16.74	16.77	16.87	16.69	16.69		
15	16QAM	36	0	16.65	16.82	16.77	16.78	16.59	17.7	0
15	16QAM	36	20	16.77	16.70	16.71	16.83	16.71		
15	16QAM	36	39	16.80	16.82	16.73	16.79	16.63		
15	16QAM	75	0	16.76	16.70	16.76	16.68	16.73		
15	64QAM	1	0	16.75	16.59	16.80	16.74	16.63	17.7	0
15	64QAM	1	37	16.86	16.71	16.78	16.82	16.68		
15	64QAM	1	74	16.79	16.61	16.76	16.86	16.67		
15	64QAM	36	0	16.80	16.78	16.86	16.71	16.68	17.7	0
15	64QAM	36	20	16.71	16.71	16.70	16.82	16.59		
15	64QAM	36	39	16.74	16.84	16.75	16.67	16.64		
15	64QAM	75	0	16.79	16.75	16.80	16.70	16.63		
15	256QAM	1	0	16.80	16.76	16.80	16.74	16.59	17.7	0
15	256QAM	1	37	16.69	16.65	16.84	16.68	16.58		
15	256QAM	1	74	16.90	16.68	16.79	16.77	16.65		
15	256QAM	36	0	16.77	16.69	16.71	16.73	16.61	17.7	0
15	256QAM	36	20	16.87	16.65	16.88	16.70	16.63		
15	256QAM	36	39	16.79	16.71	16.84	16.62	16.71		
15	256QAM	75	0	16.71	16.76	16.75	16.76	16.63		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.90	16.76	16.83	16.79	16.78	17.7	0
10	QPSK	1	25	16.64	16.73	16.80	16.68	16.78		
10	QPSK	1	49	16.64	16.74	16.86	16.71	16.68		
10	QPSK	25	0	16.84	16.75	16.83	16.81	16.71	17.7	0
10	QPSK	25	12	16.79	16.71	16.74	16.79	16.72		
10	QPSK	25	25	16.68	16.78	16.73	16.64	16.76		
10	QPSK	50	0	16.73	16.72	16.86	16.79	16.64		
10	16QAM	1	0	16.84	16.72	16.84	16.68	16.65	17.7	0
10	16QAM	1	25	16.73	16.68	16.81	16.78	16.67		
10	16QAM	1	49	16.80	16.79	16.75	16.72	16.63		
10	16QAM	25	0	16.77	16.86	16.75	16.69	16.72	17.7	0
10	16QAM	25	12	16.74	16.67	16.77	16.76	16.72		
10	16QAM	25	25	16.79	16.75	16.82	16.83	16.65		
10	16QAM	50	0	16.70	16.82	16.73	16.68	16.60		
10	64QAM	1	0	16.81	16.66	16.86	16.69	16.56	17.7	0
10	64QAM	1	25	16.87	16.72	16.65	16.81	16.80		
10	64QAM	1	49	16.75	16.64	16.78	16.76	16.73		
10	64QAM	25	0	16.87	16.80	16.85	16.66	16.68	17.7	0
10	64QAM	25	12	16.75	16.80	16.73	16.82	16.63		
10	64QAM	25	25	16.76	16.74	16.79	16.76	16.62		
10	64QAM	50	0	16.82	16.75	16.78	16.71	16.62		
10	256QAM	1	0	16.74	16.79	16.83	16.75	16.68	17.7	0
10	256QAM	1	25	16.62	16.65	16.73	16.68	16.61		
10	256QAM	1	49	16.79	16.64	16.77	16.81	16.74		
10	256QAM	25	0	16.75	16.65	16.79	16.73	16.59	17.7	0
10	256QAM	25	12	16.86	16.65	16.81	16.81	16.59		
10	256QAM	25	25	16.66	16.82	16.76	16.73	16.65		
10	256QAM	50	0	16.80	16.67	16.83	16.72	16.58		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.78	16.74	16.90	16.79	16.75	17.7	0
5	QPSK	1	12	16.70	16.82	16.77	16.68	16.78		
5	QPSK	1	24	16.74	16.69	16.77	16.70	16.66		
5	QPSK	12	0	16.86	16.80	16.91	16.81	16.79	17.7	0
5	QPSK	12	7	16.80	16.75	16.87	16.71	16.62		
5	QPSK	12	13	16.77	16.68	16.71	16.78	16.74		
5	QPSK	25	0	16.80	16.68	16.86	16.78	16.68		
5	16QAM	1	0	16.88	16.76	16.91	16.74	16.67	17.7	0
5	16QAM	1	12	16.76	16.76	16.77	16.88	16.68		
5	16QAM	1	24	16.80	16.81	16.79	16.72	16.57		
5	16QAM	12	0	16.73	16.81	16.73	16.72	16.70	17.7	0
5	16QAM	12	7	16.87	16.67	16.75	16.79	16.70		
5	16QAM	12	13	16.80	16.78	16.76	16.79	16.55		
5	16QAM	25	0	16.71	16.80	16.72	16.71	16.60		
5	64QAM	1	0	16.80	16.69	16.80	16.71	16.66	17.7	0
5	64QAM	1	12	16.80	16.68	16.67	16.76	16.77		
5	64QAM	1	24	16.83	16.73	16.75	16.83	16.75		
5	64QAM	12	0	16.76	16.77	16.84	16.76	16.71	17.7	0
5	64QAM	12	7	16.67	16.78	16.82	16.72	16.60		
5	64QAM	12	13	16.74	16.73	16.79	16.71	16.70		
5	64QAM	25	0	16.72	16.73	16.81	16.63	16.62		
5	256QAM	1	0	16.73	16.77	16.83	16.77	16.60	17.7	0
5	256QAM	1	12	16.74	16.75	16.74	16.71	16.68		
5	256QAM	1	24	16.76	16.66	16.76	16.74	16.64		
5	256QAM	12	0	16.77	16.72	16.69	16.76	16.72	17.7	0
5	256QAM	12	7	16.88	16.71	16.85	16.78	16.67		
5	256QAM	12	13	16.80	16.83	16.80	16.73	16.64		
5	256QAM	25	0	16.68	16.77	16.80	16.72	16.62		

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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	17.00	17.42	17.45	17.40	17.39	18.3	0
20	QPSK	1	49	16.85	17.38	17.33	17.39	17.32		
20	QPSK	1	99	16.98	17.30	17.33	17.27	17.27		
20	QPSK	50	0	16.98	17.40	17.44	17.34	17.35	18.3	0
20	QPSK	50	24	16.86	17.31	17.34	17.27	17.32		
20	QPSK	50	50	16.96	17.37	17.42	17.31	17.33		
20	QPSK	100	0	16.94	17.36	17.42	17.35	17.32		
20	16QAM	1	0	16.98	17.39	17.41	17.29	17.32	18.3	0
20	16QAM	1	49	16.91	17.32	17.44	17.35	17.24		
20	16QAM	1	99	16.88	17.38	17.42	17.34	17.37		
20	16QAM	50	0	16.60	17.09	17.10	17.01	17.07	17.8	0.5
20	16QAM	50	24	16.55	16.93	17.08	17.05	17.07		
20	16QAM	50	50	16.55	16.94	16.96	16.83	16.93		
20	16QAM	100	0	16.47	16.89	16.97	16.93	16.87		
20	64QAM	1	0	15.99	16.31	16.38	16.34	16.27	17.8	0.5
20	64QAM	1	49	15.95	16.21	16.32	16.31	16.30		
20	64QAM	1	99	15.98	16.25	16.26	16.22	16.16		
20	64QAM	50	0	15.60	15.95	16.08	16.02	16.07	16.8	1.5
20	64QAM	50	24	15.50	15.87	15.93	15.78	15.91		
20	64QAM	50	50	15.49	15.96	15.99	15.94	15.95		
20	64QAM	100	0	15.50	15.87	15.98	15.97	15.86		
20	256QAM	1	0	12.55	12.85	12.96	12.86	12.89	13.8	4.5
20	256QAM	1	49	12.46	12.79	12.89	12.84	12.86		
20	256QAM	1	99	12.34	12.72	12.85	12.75	12.78		
20	256QAM	50	0	12.37	12.72	12.82	12.78	12.68	13.8	4.5
20	256QAM	50	24	12.41	12.82	12.89	12.83	12.81		
20	256QAM	50	50	12.40	12.81	12.87	12.79	12.76		
20	256QAM	100	0	12.46	12.85	12.87	12.82	12.73		
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	16.94	17.32	17.38	17.36	17.35	18.3	0
15	QPSK	1	37	16.70	17.25	17.24	17.29	17.20		
15	QPSK	1	74	16.94	17.28	17.30	17.15	17.25		
15	QPSK	36	0	16.97	17.31	17.38	17.27	17.32	18.3	0
15	QPSK	36	20	16.76	17.16	17.33	17.17	17.31		
15	QPSK	36	39	16.87	17.29	17.36	17.28	17.26		
15	QPSK	75	0	16.79	17.33	17.30	17.34	17.20		
15	16QAM	1	0	16.88	17.26	17.32	17.19	17.29	18.3	0
15	16QAM	1	37	16.76	17.20	17.29	17.32	17.10		
15	16QAM	1	74	16.76	17.31	17.36	17.30	17.34		
15	16QAM	36	0	16.51	17.08	17.01	16.87	17.01	17.8	0.5
15	16QAM	36	20	16.40	16.82	16.95	16.95	16.94		
15	16QAM	36	39	16.43	16.91	16.88	16.75	16.86		
15	16QAM	75	0	16.32	16.87	16.85	16.84	16.80		
15	64QAM	1	0	15.87	16.28	16.36	16.22	16.23	17.8	0.5
15	64QAM	1	37	15.88	16.17	16.19	16.21	16.23		
15	64QAM	1	74	15.94	16.19	16.14	16.14	16.05		
15	64QAM	36	0	15.48	15.84	16.06	15.90	16.03	16.8	1.5
15	64QAM	36	20	15.47	15.84	15.89	15.72	15.78		
15	64QAM	36	39	15.34	15.94	15.94	15.87	15.87		
15	64QAM	75	0	15.45	15.75	15.94	15.96	15.71		
15	256QAM	1	0	12.48	12.76	12.84	12.73	12.74	13.8	4.5
15	256QAM	1	37	12.38	12.65	12.86	12.76	12.84		
15	256QAM	1	74	12.21	12.68	12.80	12.65	12.71		
15	256QAM	36	0	12.31	12.58	12.80	12.64	12.62	13.8	4.5
15	256QAM	36	20	12.27	12.77	12.88	12.69	12.77		
15	256QAM	36	39	12.37	12.70	12.80	12.68	12.74		
15	256QAM	75	0	12.45	12.79	12.73	12.78	12.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.96	17.35	17.30	17.38	17.26	18.3	0
10	QPSK	1	25	16.75	17.34	17.29	17.25	17.18		
10	QPSK	1	49	16.96	17.18	17.25	17.14	17.16		
10	QPSK	25	0	16.89	17.32	17.37	17.28	17.25	18.3	0
10	QPSK	25	12	16.77	17.26	17.32	17.20	17.18		
10	QPSK	25	25	16.81	17.28	17.31	17.17	17.31		
10	QPSK	50	0	16.90	17.26	17.36	17.30	17.22		
10	16QAM	1	0	16.92	17.31	17.26	17.19	17.19	18.3	0
10	16QAM	1	25	16.88	17.25	17.34	17.34	17.11		
10	16QAM	1	49	16.79	17.29	17.29	17.29	17.31		
10	16QAM	25	0	16.50	16.96	16.95	16.86	16.97	17.8	0.5
10	16QAM	25	12	16.41	16.87	17.00	16.94	16.94		
10	16QAM	25	25	16.41	16.91	16.94	16.79	16.91		
10	16QAM	50	0	16.38	16.79	16.83	16.79	16.84		
10	64QAM	1	0	15.95	16.21	16.31	16.33	16.21	17.8	0.5
10	64QAM	1	25	15.89	16.17	16.29	16.27	16.17		
10	64QAM	1	49	15.87	16.11	16.15	16.10	16.04		
10	64QAM	25	0	15.49	15.91	16.06	16.00	15.93	16.8	1.5
10	64QAM	25	12	15.36	15.78	15.89	15.72	15.76		
10	64QAM	25	25	15.42	15.85	15.87	15.93	15.91		
10	64QAM	50	0	15.43	15.76	15.87	15.82	15.82		
10	256QAM	1	0	12.44	12.81	12.83	12.80	12.74	13.8	4.5
10	256QAM	1	25	12.37	12.74	12.78	12.83	12.72		
10	256QAM	1	49	12.32	12.58	12.83	12.71	12.69		
10	256QAM	25	0	12.36	12.62	12.78	12.75	12.57	13.8	4.5
10	256QAM	25	12	12.31	12.77	12.86	12.69	12.70		
10	256QAM	25	25	12.32	12.70	12.78	12.70	12.73		
10	256QAM	50	0	12.38	12.74	12.74	12.76	12.64		
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	16.94	17.37	17.42	17.26	17.35	18.3	0
5	QPSK	1	12	16.78	17.27	17.23	17.27	17.25		
5	QPSK	1	24	16.89	17.21	17.24	17.22	17.17		
5	QPSK	12	0	16.83	17.33	17.37	17.20	17.31	18.3	0
5	QPSK	12	7	16.78	17.16	17.29	17.22	17.29		
5	QPSK	12	13	16.85	17.27	17.33	17.25	17.26		
5	QPSK	25	0	16.92	17.30	17.28	17.28	17.23		
5	16QAM	1	0	16.92	17.25	17.38	17.20	17.17	18.3	0
5	16QAM	1	12	16.82	17.29	17.29	17.27	17.20		
5	16QAM	1	24	16.87	17.25	17.40	17.25	17.27		
5	16QAM	12	0	16.48	17.08	17.02	16.99	16.98	17.8	0.5
5	16QAM	12	7	16.43	16.79	16.94	16.93	16.99		
5	16QAM	12	13	16.54	16.88	16.81	16.71	16.90		
5	16QAM	25	0	16.42	16.76	16.91	16.88	16.78		
5	64QAM	1	0	15.84	16.26	16.36	16.23	16.22	17.8	0.5
5	64QAM	1	12	15.87	16.09	16.30	16.29	16.15		
5	64QAM	1	24	15.96	16.22	16.14	16.21	16.11		
5	64QAM	12	0	15.54	15.92	15.99	15.93	15.99	16.8	1.5
5	64QAM	12	7	15.45	15.84	15.81	15.73	15.89		
5	64QAM	12	13	15.47	15.85	15.92	15.82	15.89		
5	64QAM	25	0	15.36	15.80	15.91	15.84	15.75		
5	256QAM	1	0	12.52	12.83	12.84	12.80	12.75	13.8	4.5
5	256QAM	1	12	12.31	12.72	12.79	12.82	12.74		
5	256QAM	1	24	12.27	12.68	12.84	12.68	12.75		
5	256QAM	12	0	12.30	12.71	12.80	12.74	12.54	13.8	4.5
5	256QAM	12	7	12.31	12.76	12.77	12.72	12.71		
5	256QAM	12	13	12.31	12.70	12.72	12.68	12.64		
5	256QAM	25	0	12.34	12.81	12.76	12.78	12.68		

Band 41(HPUE)_Ant 7

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	18.65	18.96	19.02	18.90	18.88	19.8	0
20	QPSK	1	49	18.55	18.90	18.88	18.84	18.79		
20	QPSK	1	99	18.59	18.82	18.99	18.89	18.76		
20	QPSK	50	0	18.64	18.95	19.00	18.85	18.87	19.8	0
20	QPSK	50	24	18.58	18.94	18.88	18.75	18.86		
20	QPSK	50	50	18.58	18.85	18.96	18.81	18.85		
20	QPSK	100	0	18.59	18.91	18.98	18.82	18.78		
20	16QAM	1	0	18.63	18.86	18.95	18.84	18.77	19.8	0
20	16QAM	1	49	18.53	18.95	18.97	18.81	18.73		
20	16QAM	1	99	18.61	18.95	19.01	18.81	18.86		
20	16QAM	50	0	18.60	18.87	18.93	18.81	18.78	19.8	0
20	16QAM	50	24	18.63	18.94	18.92	18.77	18.75		
20	16QAM	50	50	18.63	18.95	19.00	18.80	18.85		
20	16QAM	100	0	18.51	18.92	18.93	18.79	18.75		
20	64QAM	1	0	18.58	18.90	19.01	18.75	18.78	19.8	0
20	64QAM	1	49	18.56	18.92	18.93	18.78	18.83		
20	64QAM	1	99	18.58	18.83	18.99	18.77	18.78		
20	64QAM	50	0	18.50	18.86	18.90	18.83	18.86	19.8	0
20	64QAM	50	24	18.59	18.84	18.91	18.81	18.77		
20	64QAM	50	50	18.54	18.83	18.97	18.81	18.79		
20	64QAM	100	0	18.56	18.83	18.98	18.76	18.78		
20	256QAM	1	0	15.53	15.88	16.00	15.95	15.99	16.8	3
20	256QAM	1	49	15.48	15.88	15.92	15.88	15.87		
20	256QAM	1	99	15.49	15.82	15.93	15.87	15.85		
20	256QAM	50	0	15.50	15.82	15.94	15.89	15.84	16.8	3
20	256QAM	50	24	15.55	15.85	15.96	15.92	15.93		
20	256QAM	50	50	15.47	15.82	15.92	15.80	15.82		
20	256QAM	100	0	15.47	15.80	15.92	15.80	15.88		
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	18.63	18.92	18.97	18.80	18.77	19.8	0
15	QPSK	1	37	18.41	18.87	18.85	18.82	18.69		
15	QPSK	1	74	18.48	18.78	18.90	18.86	18.62		
15	QPSK	36	0	18.56	18.82	18.94	18.72	18.72	19.8	0
15	QPSK	36	20	18.55	18.82	18.81	18.65	18.71		
15	QPSK	36	39	18.50	18.74	18.92	18.77	18.74		
15	QPSK	75	0	18.57	18.87	18.97	18.75	18.69		
15	16QAM	1	0	18.58	18.82	18.90	18.74	18.75	19.8	0
15	16QAM	1	37	18.52	18.83	18.88	18.72	18.64		
15	16QAM	1	74	18.54	18.84	18.86	18.69	18.81		
15	16QAM	36	0	18.46	18.83	18.79	18.74	18.72	19.8	0
15	16QAM	36	20	18.50	18.89	18.85	18.67	18.63		
15	16QAM	36	39	18.52	18.87	18.92	18.68	18.83		
15	16QAM	75	0	18.41	18.79	18.84	18.74	18.71		
15	64QAM	1	0	18.44	18.84	18.97	18.72	18.63	19.8	0
15	64QAM	1	37	18.48	18.83	18.92	18.64	18.80		
15	64QAM	1	74	18.50	18.82	18.98	18.68	18.73		
15	64QAM	36	0	18.42	18.76	18.86	18.69	18.74	19.8	0
15	64QAM	36	20	18.58	18.82	18.76	18.78	18.75		
15	64QAM	36	39	18.52	18.75	18.82	18.74	18.73		
15	64QAM	75	0	18.51	18.81	18.85	18.61	18.74		
15	256QAM	1	0	15.39	15.77	15.93	15.87	15.85	16.8	3
15	256QAM	1	37	15.45	15.81	15.89	15.85	15.79		
15	256QAM	1	74	15.40	15.69	15.82	15.79	15.73		
15	256QAM	36	0	15.38	15.79	15.92	15.78	15.74	16.8	3
15	256QAM	36	20	15.49	15.76	15.92	15.82	15.80		
15	256QAM	36	39	15.36	15.70	15.80	15.74	15.74		
15	256QAM	75	0	15.46	15.78	15.82	15.72	15.82		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.57	18.94	18.87	18.87	18.80	19.8	0
10	QPSK	1	25	18.47	18.89	18.78	18.73	18.65		
10	QPSK	1	49	18.52	18.71	18.84	18.83	18.71		
10	QPSK	25	0	18.55	18.94	18.87	18.84	18.77	19.8	0
10	QPSK	25	12	18.44	18.92	18.76	18.60	18.73		
10	QPSK	25	25	18.50	18.77	18.95	18.80	18.73		
10	QPSK	50	0	18.44	18.83	18.91	18.73	18.76		
10	16QAM	1	0	18.62	18.85	18.89	18.72	18.71	19.8	0
10	16QAM	1	25	18.38	18.82	18.83	18.70	18.66		
10	16QAM	1	49	18.56	18.83	18.95	18.78	18.82		
10	16QAM	25	0	18.52	18.77	18.80	18.66	18.69	19.8	0
10	16QAM	25	12	18.48	18.91	18.79	18.65	18.71		
10	16QAM	25	25	18.53	18.92	18.95	18.75	18.81		
10	16QAM	50	0	18.42	18.79	18.81	18.72	18.73		
10	64QAM	1	0	18.52	18.84	18.93	18.73	18.64	19.8	0
10	64QAM	1	25	18.49	18.80	18.86	18.73	18.69		
10	64QAM	1	49	18.52	18.82	18.89	18.67	18.73		
10	64QAM	25	0	18.45	18.76	18.75	18.81	18.78	19.8	0
10	64QAM	25	12	18.45	18.75	18.83	18.72	18.69		
10	64QAM	25	25	18.51	18.74	18.84	18.68	18.73		
10	64QAM	50	0	18.42	18.73	18.89	18.70	18.76		
10	256QAM	1	0	15.49	15.77	15.92	15.91	15.87	16.8	3
10	256QAM	1	25	15.41	15.76	15.77	15.73	15.79		
10	256QAM	1	49	15.40	15.74	15.87	15.74	15.79		
10	256QAM	25	0	15.49	15.77	15.93	15.87	15.72	16.8	3
10	256QAM	25	12	15.45	15.73	15.86	15.86	15.82		
10	256QAM	25	25	15.45	15.76	15.91	15.77	15.79		
10	256QAM	50	0	15.46	15.74	15.82	15.73	15.87		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.59	18.90	18.88	18.77	18.86	19.8	0
5	QPSK	1	12	18.48	18.79	18.84	18.71	18.74		
5	QPSK	1	24	18.55	18.76	18.87	18.78	18.64		
5	QPSK	12	0	18.57	18.85	18.99	18.71	18.76	19.8	0
5	QPSK	12	7	18.49	18.93	18.85	18.64	18.84		
5	QPSK	12	13	18.57	18.82	18.82	18.67	18.84		
5	QPSK	25	0	18.49	18.87	18.91	18.79	18.65		
5	16QAM	1	0	18.52	18.76	18.89	18.70	18.65	19.8	0
5	16QAM	1	12	18.40	18.86	18.83	18.76	18.61		
5	16QAM	1	24	18.48	18.94	18.87	18.72	18.75		
5	16QAM	12	0	18.54	18.82	18.85	18.71	18.75	19.8	0
5	16QAM	12	7	18.54	18.91	18.81	18.75	18.74		
5	16QAM	12	13	18.54	18.83	18.89	18.70	18.78		
5	16QAM	25	0	18.39	18.84	18.86	18.69	18.69		
5	64QAM	1	0	18.55	18.75	18.86	18.69	18.77	19.8	0
5	64QAM	1	12	18.42	18.88	18.79	18.75	18.73		
5	64QAM	1	24	18.57	18.72	18.84	18.68	18.67		
5	64QAM	12	0	18.45	18.78	18.85	18.81	18.73	19.8	0
5	64QAM	12	7	18.47	18.75	18.78	18.67	18.73		
5	64QAM	12	13	18.48	18.74	18.93	18.79	18.66		
5	64QAM	25	0	18.53	18.73	18.96	18.71	18.65		
5	256QAM	1	0	15.52	15.74	15.98	15.88	15.95	16.8	3
5	256QAM	1	12	15.44	15.87	15.85	15.83	15.84		
5	256QAM	1	24	15.43	15.74	15.91	15.81	15.71		
5	256QAM	12	0	15.35	15.79	15.90	15.80	15.76	16.8	3
5	256QAM	12	7	15.46	15.74	15.81	15.89	15.78		
5	256QAM	12	13	15.44	15.75	15.86	15.69	15.78		
5	256QAM	25	0	15.40	15.69	15.87	15.76	15.86		

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	30.62	30.65	30.61	31.10	21.62	21.65	21.61	22.10
GPRS/EDGE(GMSK) 1 Tx slot	30.47	30.62	30.59	31.10	21.47	21.62	21.59	22.10
GPRS/EDGE(GMSK) 2 Tx slots	27.52	27.63	27.51	28.60	21.52	21.63	21.51	22.60
GPRS/EDGE(GMSK) 3 Tx slots	25.70	25.85	25.77	27.10	21.44	21.59	21.51	22.84
GPRS/EDGE(GMSK) 4 Tx slots	24.43	24.50	24.35	25.60	21.43	21.50	21.35	22.60
EDGE 1 Tx slot	26.28	26.30	26.35	26.80	17.28	17.30	17.35	17.80
EDGE 2 Tx slot	25.20	25.25	25.18	25.60	19.20	19.25	19.18	19.60
EDGE 3 Tx slot	23.00	23.03	22.98	23.60	18.74	18.77	18.72	19.34
EDGE 4 Tx slot	21.43	21.45	21.37	22.10	18.43	18.45	18.37	19.10

Reduced Power Mode for ECI 8

GSM850_Ant1	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	32.16	32.17	32.05	33.50	23.16	23.17	23.05	24.50
GPRS/EDGE(GMSK) 1 Tx slot	32.12	32.15	32.01	33.50	23.12	23.15	23.01	24.50
GPRS/EDGE(GMSK) 2 Tx slots	29.59	29.70	29.65	31.00	23.59	23.70	23.65	25.00
GPRS/EDGE(GMSK) 3 Tx slots	28.01	28.13	28.05	29.50	23.75	23.87	23.79	25.24
GPRS/EDGE(GMSK) 4 Tx slots	26.94	27.08	26.97	28.00	23.94	24.08	23.97	25.00
EDGE 1 Tx slot	26.17	26.30	26.29	27.20	17.17	17.30	17.29	18.20
EDGE 2 Tx slot	25.00	25.12	25.00	26.00	19.00	19.12	19.00	20.00
EDGE 3 Tx slot	22.95	22.96	22.88	24.00	18.69	18.70	18.62	19.74
EDGE 4 Tx slot	21.23	21.35	21.26	22.50	18.23	18.35	18.26	19.50

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	29.80	29.83	29.85	30.50	20.80	20.83	20.85	21.50
GPRS/EDGE(GMSK) 1 Tx slot	29.78	29.80	29.78	30.50	20.78	20.80	20.78	21.50
GPRS/EDGE(GMSK) 2 Tx slots	27.27	27.42	27.31	28.50	21.27	21.42	21.31	22.50
GPRS/EDGE(GMSK) 3 Tx slots	25.77	25.83	25.73	26.50	21.51	21.57	21.47	22.24
GPRS/EDGE(GMSK) 4 Tx slots	24.61	24.65	24.53	25.00	21.61	21.65	21.53	22.00
EDGE 1 Tx slot	25.64	25.70	25.56	26.50	16.64	16.70	16.56	17.50
EDGE 2 Tx slot	23.83	23.85	23.82	24.50	17.83	17.85	17.82	18.50
EDGE 3 Tx slot	21.62	21.70	21.57	22.50	17.36	17.44	17.31	18.24
EDGE 4 Tx slot	20.62	20.69	20.65	21.50	17.62	17.69	17.65	18.50

GSM1900_Ant 6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.41	28.54	28.49	28.70	19.41	19.54	19.49	19.70
GPRS/EDGE(GMSK) 1 Tx slot	28.38	28.50	28.41	28.70	19.38	19.50	19.41	19.70
GPRS/EDGE(GMSK) 2 Tx slots	26.00	26.05	26.02	26.70	20.00	20.05	20.02	20.70
GPRS/EDGE(GMSK) 3 Tx slots	24.04	24.09	24.07	24.70	19.78	19.83	19.81	20.44
GPRS/EDGE(GMSK) 4 Tx slots	22.91	22.95	22.87	23.20	19.91	19.95	19.87	20.20
EDGE 1 Tx slot	25.31	25.48	25.39	25.70	16.31	16.48	16.39	16.70
EDGE 2 Tx slot	23.23	23.46	23.37	23.70	17.23	17.46	17.37	17.70
EDGE 3 Tx slot	21.09	21.30	21.20	21.70	16.83	17.04	16.94	17.44
EDGE 4 Tx slot	20.31	20.50	20.48	20.70	17.31	17.50	17.48	17.70

Band		WCDMA II_Ant 5			Tune-up Limit (dBm)	WCDMA II_Ant 6			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	18.93	18.99	18.96	19.80	18.32	18.39	18.32	18.90
3GPP Rel 99	RMC 12.2Kbps	19.00	19.05	19.02	19.80	18.35	18.42	18.33	18.90
3GPP Rel 6	HSDPA Subtest-1	18.92	18.98	18.99	19.80	18.27	18.39	18.25	18.90
3GPP Rel 6	HSDPA Subtest-2	18.91	18.92	18.91	19.80	18.21	18.34	18.26	18.90
3GPP Rel 6	HSDPA Subtest-3	18.85	18.95	18.90	19.80	18.20	18.40	18.23	18.90
3GPP Rel 6	HSDPA Subtest-4	18.95	18.95	18.97	19.80	18.28	18.40	18.21	18.90
3GPP Rel 8	DC-HSDPA Subtest-1	18.97	18.99	18.96	19.80	18.33	18.40	18.27	18.90
3GPP Rel 8	DC-HSDPA Subtest-2	18.98	18.97	18.88	19.80	18.23	18.35	18.26	18.90
3GPP Rel 8	DC-HSDPA Subtest-3	18.90	19.02	18.87	19.80	18.34	18.41	18.30	18.90
3GPP Rel 8	DC-HSDPA Subtest-4	18.94	18.91	18.87	19.80	18.21	18.40	18.21	18.90
3GPP Rel 6	HSUPA Subtest-1	18.88	18.95	18.93	19.80	18.25	18.38	18.20	18.90
3GPP Rel 6	HSUPA Subtest-2	18.90	18.92	18.95	19.80	18.33	18.32	18.18	18.90
3GPP Rel 6	HSUPA Subtest-3	18.97	19.03	18.91	19.80	18.25	18.41	18.24	18.90
3GPP Rel 6	HSUPA Subtest-4	18.90	19.00	18.93	19.80	18.32	18.37	18.32	18.90
3GPP Rel 6	HSUPA Subtest-5	18.87	19.04	19.01	19.80	18.33	18.30	18.28	18.90
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.94	18.98	19.00	19.80	18.23	18.30	18.27	18.90

Band		WCDMA IV_Ant5			Tune-up Limit (dBm)	WCDMA IV_Ant6			Tune-up Limit (dBm)	WCDMA IV_Ant11			Tune-up Limit (dBm)	WCDMA IV_Ant7			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.08	20.08	20.07	20.80	18.40	18.41	18.39	18.90	18.60	18.62	18.73	19.30	17.28	17.38	17.28	18.10
3GPP Rel 99	RMC 12.2Kbps	20.16	20.20	20.15	20.80	18.42	18.50	18.45	18.90	18.72	18.77	18.75	19.30	17.39	17.45	17.35	18.10
3GPP Rel 6	HSDPA Subtest-1	20.01	20.06	20.07	20.80	18.38	18.44	18.37	18.90	18.68	18.63	18.66	19.30	17.34	17.40	17.29	18.10
3GPP Rel 6	HSDPA Subtest-2	20.11	20.13	20.04	20.80	18.41	18.46	18.31	18.90	18.71	18.63	18.62	19.30	17.38	17.42	17.28	18.10
3GPP Rel 6	HSDPA Subtest-3	20.06	20.07	20.03	20.80	18.39	18.38	18.32	18.90	18.59	18.70	18.67	19.30	17.26	17.39	17.34	18.10
3GPP Rel 6	HSDPA Subtest-4	20.13	20.13	20.02	20.80	18.34	18.45	18.44	18.90	18.64	18.71	18.63	19.30	17.27	17.32	17.26	18.10
3GPP Rel 8	DC-HSDPA Subtest-1	20.15	20.19	20.03	20.80	18.36	18.41	18.31	18.90	18.68	18.73	18.73	19.30	17.36	17.44	17.22	18.10
3GPP Rel 8	DC-HSDPA Subtest-2	20.07	20.08	20.03	20.80	18.39	18.47	18.42	18.90	18.71	18.75	18.74	19.30	17.27	17.36	17.34	18.10
3GPP Rel 8	DC-HSDPA Subtest-3	20.09	20.09	20.10	20.80	18.27	18.48	18.41	18.90	18.59	18.74	18.66	19.30	17.34	17.37	17.20	18.10
3GPP Rel 8	DC-HSDPA Subtest-4	20.14	20.08	20.03	20.80	18.34	18.49	18.31	18.90	18.68	18.73	18.70	19.30	17.25	17.39	17.24	18.10
3GPP Rel 6	HSUPA Subtest-1	20.15	20.12	20.09	20.80	18.33	18.40	18.30	18.90	18.67	18.73	18.64	19.30	17.33	17.42	17.25	18.10
3GPP Rel 6	HSUPA Subtest-2	20.06	20.09	20.14	20.80	18.36	18.49	18.41	18.90	18.66	18.68	18.67	19.30	17.34	17.31	17.25	18.10
3GPP Rel 6	HSUPA Subtest-3	20.06	20.11	20.10	20.80	18.31	18.39	18.44	18.90	18.64	18.62	18.67	19.30	17.27	17.44	17.31	18.10
3GPP Rel 6	HSUPA Subtest-4	20.15	20.05	20.13	20.80	18.37	18.48	18.43	18.90	18.63	18.67	18.61	19.30	17.25	17.30	17.20	18.10
3GPP Rel 6	HSUPA Subtest-5	20.14	20.07	20.07	20.80	18.31	18.35	18.35	18.90	18.71	18.67	18.64	19.30	17.27	17.33	17.31	18.10
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.14	20.09	20.00	20.80	18.39	18.43	18.30	18.90	18.64	18.68	18.63	19.30	17.24	17.36	17.22	18.10

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	20.25	20.36	20.31	20.90	23.17	23.20	23.22	23.80
3GPP Rel 99	RMC 12.2Kbps	20.32	20.40	20.35	20.90	23.22	23.30	23.25	23.80
3GPP Rel 6	HSDPA Subtest-1	20.27	20.27	20.26	20.90	23.10	23.29	23.13	23.80
3GPP Rel 6	HSDPA Subtest-2	20.19	20.34	20.32	20.90	23.29	23.26	23.29	23.80
3GPP Rel 6	HSDPA Subtest-3	20.29	20.33	20.21	20.90	22.83	22.80	22.89	23.30
3GPP Rel 6	HSDPA Subtest-4	20.17	20.30	20.30	20.90	22.81	22.73	22.85	23.30
3GPP Rel 8	DC-HSDPA Subtest-1	20.30	20.37	20.31	20.90	23.26	23.22	23.26	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	20.29	20.29	20.27	20.90	23.18	23.19	23.19	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	20.19	20.34	20.31	20.90	22.72	22.75	22.77	23.30
3GPP Rel 8	DC-HSDPA Subtest-4	20.21	20.34	20.26	20.90	22.73	22.67	22.73	23.30
3GPP Rel 6	HSUPA Subtest-1	20.18	20.33	20.34	20.90	22.25	22.26	22.29	22.80
3GPP Rel 6	HSUPA Subtest-2	20.24	20.25	20.22	20.90	22.28	22.28	22.28	22.80
3GPP Rel 6	HSUPA Subtest-3	20.17	20.38	20.28	20.90	22.29	22.27	22.28	22.80
3GPP Rel 6	HSUPA Subtest-4	20.22	20.27	20.22	20.90	21.81	21.73	21.83	22.30
3GPP Rel 6	HSUPA Subtest-5	20.17	20.29	20.31	20.90	23.07	23.19	23.15	23.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.17	20.31	20.27	20.90	22.25	22.31	22.21	23.80

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BW [MHz]	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	19.11	19.15	19.09	19.8	0
20	QPSK	1	49	18.98	19.02	19.02		
20	QPSK	1	99	19.02	19.08	19.05		
20	QPSK	50	0	19.06	19.13	19.08	19.8	0
20	QPSK	50	24	18.98	19.10	18.99		
20	QPSK	50	50	19.04	19.02	19.05		
20	QPSK	100	0	19.02	19.10	19.00		
20	16QAM	1	0	19.09	19.08	19.08	19.8	0
20	16QAM	1	49	19.09	19.00	18.95		
20	16QAM	1	99	19.07	19.14	18.97		
20	16QAM	50	0	19.09	19.01	18.95	19.8	0
20	16QAM	50	24	19.00	19.07	18.95		
20	16QAM	50	50	19.08	19.13	18.96		
20	16QAM	100	0	19.08	19.14	19.04		
20	64QAM	1	0	19.08	19.11	19.03	19.8	0
20	64QAM	1	49	18.96	19.08	18.96		
20	64QAM	1	99	18.97	19.13	19.06		
20	64QAM	50	0	19.05	19.03	18.97	19.8	0
20	64QAM	50	24	19.00	19.12	18.96		
20	64QAM	50	50	19.00	19.12	19.04		
20	64QAM	100	0	19.06	19.09	18.94		
20	256QAM	1	0	17.21	17.35	17.20	18.8	1
20	256QAM	1	49	17.26	17.31	17.28		
20	256QAM	1	99	17.18	17.32	17.21		
20	256QAM	50	0	17.16	17.21	17.19	18.8	1
20	256QAM	50	24	17.09	17.24	17.22		
20	256QAM	50	50	17.20	17.25	17.21		
20	256QAM	100	0	17.19	17.27	17.17		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.09	19.05	19.04	19.8	0
15	QPSK	1	37	18.84	18.87	18.98		
15	QPSK	1	74	18.93	19.04	18.99		
15	QPSK	36	0	18.91	19.01	19.04	19.8	0
15	QPSK	36	20	18.87	19.07	18.97		
15	QPSK	36	39	18.93	18.99	18.93		
15	QPSK	75	0	18.95	19.06	18.92		
15	16QAM	1	0	18.99	18.96	19.02	19.8	0
15	16QAM	1	37	19.05	18.86	18.82		
15	16QAM	1	74	18.94	19.00	18.88		
15	16QAM	36	0	18.98	18.88	18.80	19.8	0
15	16QAM	36	20	18.90	19.00	18.94		
15	16QAM	36	39	18.97	19.09	18.92		
15	16QAM	75	0	19.06	19.08	18.93		
15	64QAM	1	0	18.97	19.04	18.98	19.8	0
15	64QAM	1	37	18.84	18.95	18.84		
15	64QAM	1	74	18.91	19.08	18.92		
15	64QAM	36	0	18.90	18.88	18.87	19.8	0
15	64QAM	36	20	18.96	19.01	18.92		
15	64QAM	36	39	18.94	18.99	18.92		
15	64QAM	75	0	18.93	18.99	18.81		
15	256QAM	1	0	17.18	17.34	17.18	18.8	1
15	256QAM	1	37	17.17	17.27	17.20		
15	256QAM	1	74	17.16	17.23	17.14		
15	256QAM	36	0	17.05	17.14	17.04	18.8	1
15	256QAM	36	20	17.05	17.14	17.07		
15	256QAM	36	39	17.10	17.13	17.16		
15	256QAM	75	0	17.08	17.25	17.05		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.08	19.03	18.95	19.8	0
10	QPSK	1	25	18.84	18.94	19.00		
10	QPSK	1	49	19.01	18.93	19.00		
10	QPSK	25	0	19.02	19.07	19.02	19.8	0
10	QPSK	25	12	18.92	19.07	18.97		
10	QPSK	25	25	18.94	18.89	18.99		
10	QPSK	50	0	18.88	18.96	18.89		
10	16QAM	1	0	19.02	18.96	18.99	19.8	0
10	16QAM	1	25	19.04	18.85	18.86		
10	16QAM	1	49	18.97	19.04	18.93		
10	16QAM	25	0	18.97	18.93	18.84	19.8	0
10	16QAM	25	12	18.86	18.99	18.86		
10	16QAM	25	25	19.03	19.07	18.87		
10	16QAM	50	0	19.05	19.12	18.89		
10	64QAM	1	0	19.04	19.08	19.02	19.8	0
10	64QAM	1	25	18.95	18.93	18.81		
10	64QAM	1	49	18.83	19.03	18.95		
10	64QAM	25	0	19.03	18.99	18.93	19.8	0
10	64QAM	25	12	18.95	19.04	18.95		
10	64QAM	25	25	18.87	19.03	18.92		
10	64QAM	50	0	19.01	18.97	18.85		
10	256QAM	1	0	17.20	17.30	17.19	18.8	1
10	256QAM	1	25	17.20	17.19	17.22		
10	256QAM	1	49	17.11	17.21	17.10		
10	256QAM	25	0	17.12	17.15	17.12	18.8	1
10	256QAM	25	12	16.98	17.09	17.20		
10	256QAM	25	25	17.09	17.16	17.15		
10	256QAM	50	0	17.13	17.23	17.12		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.07	19.00	19.08	19.8	0
5	QPSK	1	12	18.92	19.00	18.97		
5	QPSK	1	24	18.99	18.95	18.99		
5	QPSK	12	0	18.98	19.02	19.07	19.8	0
5	QPSK	12	7	18.84	19.06	18.84		
5	QPSK	12	13	18.95	19.01	18.91		
5	QPSK	25	0	18.92	19.08	18.86		
5	16QAM	1	0	19.06	19.06	19.05	19.8	0
5	16QAM	1	12	19.00	18.87	18.90		
5	16QAM	1	24	18.99	19.12	18.91		
5	16QAM	12	0	19.00	18.89	18.88	19.8	0
5	16QAM	12	7	18.89	19.06	18.83		
5	16QAM	12	13	19.02	19.04	18.87		
5	16QAM	25	0	18.93	19.02	18.97		
5	64QAM	1	0	19.04	19.09	18.91	19.8	0
5	64QAM	1	12	18.84	19.07	18.94		
5	64QAM	1	24	18.88	19.10	18.93		
5	64QAM	12	0	19.03	18.94	18.93	19.8	0
5	64QAM	12	7	18.90	19.09	18.90		
5	64QAM	12	13	18.86	19.02	19.00		
5	64QAM	25	0	19.04	18.96	18.80		
5	256QAM	1	0	17.08	17.27	17.12	18.8	1
5	256QAM	1	12	17.17	17.19	17.20		
5	256QAM	1	24	17.13	17.30	17.19		
5	256QAM	12	0	17.12	17.14	17.06	18.8	1
5	256QAM	12	7	17.06	17.20	17.14		
5	256QAM	12	13	17.16	17.21	17.17		
5	256QAM	25	0	17.16	17.12	17.08		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.10	19.12	19.06	19.8	0
3	QPSK	1	8	18.96	18.94	18.98		
3	QPSK	1	14	18.89	18.97	18.90		
3	QPSK	8	0	18.99	18.98	19.04	19.8	0
3	QPSK	8	4	18.97	19.07	18.84		
3	QPSK	8	7	18.94	18.99	18.92		
3	QPSK	15	0	18.94	19.06	18.87		
3	16QAM	1	0	19.01	19.03	19.03	19.8	0
3	16QAM	1	8	19.03	18.89	18.85		
3	16QAM	1	14	19.05	19.04	18.91		
3	16QAM	8	0	18.96	18.98	18.82	19.8	0
3	16QAM	8	4	18.88	19.01	18.87		
3	16QAM	8	7	18.94	19.03	18.95		
3	16QAM	15	0	19.06	19.10	19.02		
3	64QAM	1	0	19.03	19.10	18.89	19.8	0
3	64QAM	1	8	18.84	18.95	18.88		
3	64QAM	1	14	18.94	19.09	18.96		
3	64QAM	8	0	18.95	18.95	18.94	19.8	0
3	64QAM	8	4	18.99	19.11	18.91		
3	64QAM	8	7	18.92	19.05	18.99		
3	64QAM	15	0	19.04	19.00	18.92		
3	256QAM	1	0	17.08	17.24	17.18	18.8	1
3	256QAM	1	8	17.16	17.25	17.22		
3	256QAM	1	14	17.15	17.17	17.19		
3	256QAM	8	0	17.04	17.14	17.05	18.8	1
3	256QAM	8	4	16.99	17.17	17.13		
3	256QAM	8	7	17.16	17.12	17.09		
3	256QAM	15	0	17.18	17.25	17.02		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.09	19.03	19.08	19.8	0
1.4	QPSK	1	3	18.89	18.90	18.99		
1.4	QPSK	1	5	18.94	19.04	19.03		
1.4	QPSK	3	0	19.02	19.10	18.95		
1.4	QPSK	3	1	18.91	18.97	18.88		
1.4	QPSK	3	3	18.93	18.89	19.03		
1.4	QPSK	6	0	18.99	18.99	18.98	19.8	0
1.4	16QAM	1	0	19.00	18.96	18.98	19.8	0
1.4	16QAM	1	3	19.05	18.97	18.81		
1.4	16QAM	1	5	18.98	19.01	18.92		
1.4	16QAM	3	0	19.05	18.88	18.82		
1.4	16QAM	3	1	18.99	19.04	18.93		
1.4	16QAM	3	3	18.93	19.04	18.90		
1.4	16QAM	6	0	19.03	19.08	18.95	19.8	0
1.4	64QAM	1	0	19.06	18.97	18.96	19.8	0
1.4	64QAM	1	3	18.84	18.94	18.84		
1.4	64QAM	1	5	18.84	19.02	19.00		
1.4	64QAM	3	0	18.91	18.96	18.94		
1.4	64QAM	3	1	18.86	19.10	18.86		
1.4	64QAM	3	3	18.94	19.07	18.95		
1.4	64QAM	6	0	19.00	19.06	18.93	19.8	0
1.4	256QAM	1	0	17.18	17.22	17.05	18.8	1
1.4	256QAM	1	3	17.12	17.23	17.27		
1.4	256QAM	1	5	17.15	17.27	17.13		
1.4	256QAM	3	0	17.15	17.18	17.17		
1.4	256QAM	3	1	17.01	17.09	17.21		
1.4	256QAM	3	3	17.18	17.23	17.08		
1.4	256QAM	6	0	17.16	17.17	17.16	18.8	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	18.35	18.42	18.38	19.4	0
20	QPSK	1	49	18.34	18.29	18.31		
20	QPSK	1	99	18.31	18.31	18.27		
20	QPSK	50	0	18.29	18.40	18.36	19.4	0
20	QPSK	50	24	18.23	18.33	18.31		
20	QPSK	50	50	18.23	18.36	18.25		
20	QPSK	100	0	18.28	18.34	18.31		
20	16QAM	1	0	18.23	18.36	18.33	19.4	0
20	16QAM	1	49	18.30	18.35	18.35		
20	16QAM	1	99	18.24	18.35	18.27		
20	16QAM	50	0	18.22	18.33	18.24	19.4	0
20	16QAM	50	24	18.23	18.33	18.36		
20	16QAM	50	50	18.24	18.34	18.31		
20	16QAM	100	0	18.21	18.30	18.31		
20	64QAM	1	0	18.31	18.34	18.27	19.4	0
20	64QAM	1	49	18.25	18.33	18.31		
20	64QAM	1	99	18.31	18.40	18.26		
20	64QAM	50	0	18.23	18.33	18.32	19.4	0
20	64QAM	50	24	18.26	18.40	18.33		
20	64QAM	50	50	18.26	18.40	18.25		
20	64QAM	100	0	18.22	18.33	18.25		
20	256QAM	1	0	17.66	17.69	17.66	18.4	1
20	256QAM	1	49	17.50	17.61	17.53		
20	256QAM	1	99	17.59	17.68	17.66		
20	256QAM	50	0	17.57	17.68	17.66	18.4	1
20	256QAM	50	24	17.52	17.63	17.55		
20	256QAM	50	50	17.52	17.63	17.49		
20	256QAM	100	0	17.50	17.54	17.41		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.26	18.35	18.24	19.4	0
15	QPSK	1	37	18.24	18.21	18.23		
15	QPSK	1	74	18.21	18.20	18.14		
15	QPSK	36	0	18.28	18.32	18.26	19.4	0
15	QPSK	36	20	18.11	18.28	18.27		
15	QPSK	36	39	18.16	18.32	18.19		
15	QPSK	75	0	18.26	18.23	18.22		
15	16QAM	1	0	18.20	18.33	18.28	19.4	0
15	16QAM	1	37	18.21	18.27	18.25		
15	16QAM	1	74	18.09	18.30	18.20		
15	16QAM	36	0	18.08	18.19	18.13	19.4	0
15	16QAM	36	20	18.19	18.30	18.22		
15	16QAM	36	39	18.12	18.26	18.25		
15	16QAM	75	0	18.16	18.18	18.24		
15	64QAM	1	0	18.25	18.21	18.26	19.4	0
15	64QAM	1	37	18.20	18.19	18.18		
15	64QAM	1	74	18.29	18.31	18.22		
15	64QAM	36	0	18.11	18.20	18.29	19.4	0
15	64QAM	36	20	18.22	18.36	18.25		
15	64QAM	36	39	18.13	18.35	18.10		
15	64QAM	75	0	18.07	18.28	18.21		
15	256QAM	1	0	17.55	17.57	17.61	18.4	1
15	256QAM	1	37	17.36	17.50	17.46		
15	256QAM	1	74	17.47	17.62	17.61		
15	256QAM	36	0	17.46	17.56	17.55	18.4	1
15	256QAM	36	20	17.49	17.53	17.50		
15	256QAM	36	39	17.49	17.52	17.48		
15	256QAM	75	0	17.35	17.50	17.28		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.30	18.32	18.25	19.4	0
10	QPSK	1	25	18.24	18.26	18.19		
10	QPSK	1	49	18.27	18.25	18.15		
10	QPSK	25	0	18.16	18.33	18.23	19.4	0
10	QPSK	25	12	18.08	18.19	18.19		
10	QPSK	25	25	18.22	18.29	18.19		
10	QPSK	50	0	18.26	18.25	18.22		
10	16QAM	1	0	18.16	18.24	18.23	19.4	0
10	16QAM	1	25	18.20	18.33	18.23		
10	16QAM	1	49	18.09	18.28	18.15		
10	16QAM	25	0	18.10	18.25	18.10	19.4	0
10	16QAM	25	12	18.14	18.23	18.31		
10	16QAM	25	25	18.23	18.27	18.30		
10	16QAM	50	0	18.09	18.17	18.29		
10	64QAM	1	0	18.20	18.27	18.15	19.4	0
10	64QAM	1	25	18.15	18.22	18.25		
10	64QAM	1	49	18.20	18.36	18.11		
10	64QAM	25	0	18.13	18.26	18.24	19.4	0
10	64QAM	25	12	18.23	18.25	18.21		
10	64QAM	25	25	18.14	18.27	18.22		
10	64QAM	50	0	18.17	18.21	18.21		
10	256QAM	1	0	17.51	17.68	17.57	18.4	1
10	256QAM	1	25	17.44	17.58	17.44		
10	256QAM	1	49	17.53	17.53	17.53		
10	256QAM	25	0	17.52	17.54	17.60	18.4	1
10	256QAM	25	12	17.46	17.48	17.43		
10	256QAM	25	25	17.43	17.53	17.48		
10	256QAM	50	0	17.36	17.49	17.34		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.20	18.30	18.33	19.4	0
5	QPSK	1	12	18.33	18.23	18.22		
5	QPSK	1	24	18.29	18.28	18.21		
5	QPSK	12	0	18.22	18.26	18.22	19.4	0
5	QPSK	12	7	18.14	18.25	18.21		
5	QPSK	12	13	18.12	18.34	18.18		
5	QPSK	25	0	18.26	18.33	18.19		
5	16QAM	1	0	18.20	18.24	18.30	19.4	0
5	16QAM	1	12	18.19	18.21	18.27		
5	16QAM	1	24	18.17	18.26	18.18		
5	16QAM	12	0	18.09	18.22	18.15	19.4	0
5	16QAM	12	7	18.13	18.25	18.22		
5	16QAM	12	13	18.23	18.31	18.26		
5	16QAM	25	0	18.16	18.16	18.26		
5	64QAM	1	0	18.17	18.33	18.26	19.4	0
5	64QAM	1	12	18.24	18.20	18.21		
5	64QAM	1	24	18.26	18.32	18.15		
5	64QAM	12	0	18.18	18.19	18.20	19.4	0
5	64QAM	12	7	18.19	18.37	18.18		
5	64QAM	12	13	18.15	18.37	18.16		
5	64QAM	25	0	18.11	18.20	18.15		
5	256QAM	1	0	17.56	17.57	17.54	18.4	1
5	256QAM	1	12	17.48	17.49	17.50		
5	256QAM	1	24	17.56	17.54	17.59		
5	256QAM	12	0	17.52	17.65	17.58	18.4	1
5	256QAM	12	7	17.45	17.50	17.45		
5	256QAM	12	13	17.48	17.58	17.40		
5	256QAM	25	0	17.47	17.43	17.39		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.25	18.34	18.29	19.4	0
3	QPSK	1	8	18.28	18.24	18.20		
3	QPSK	1	14	18.18	18.25	18.12		
3	QPSK	8	0	18.19	18.27	18.35	19.4	0
3	QPSK	8	4	18.13	18.26	18.28		
3	QPSK	8	7	18.15	18.25	18.11		
3	QPSK	15	0	18.22	18.31	18.25		
3	16QAM	1	0	18.18	18.29	18.18	19.4	0
3	16QAM	1	8	18.22	18.31	18.30		
3	16QAM	1	14	18.18	18.23	18.13		
3	16QAM	8	0	18.19	18.29	18.11	19.4	0
3	16QAM	8	4	18.12	18.26	18.26		
3	16QAM	8	7	18.10	18.29	18.21		
3	16QAM	15	0	18.16	18.29	18.20		
3	64QAM	1	0	18.21	18.26	18.16	19.4	0
3	64QAM	1	8	18.13	18.21	18.28		
3	64QAM	1	14	18.16	18.27	18.25		
3	64QAM	8	0	18.14	18.23	18.30	19.4	0
3	64QAM	8	4	18.24	18.25	18.32		
3	64QAM	8	7	18.13	18.35	18.15		
3	64QAM	15	0	18.13	18.23	18.15		
3	256QAM	1	0	17.58	17.61	17.51	18.4	1
3	256QAM	1	8	17.46	17.54	17.43		
3	256QAM	1	14	17.58	17.65	17.64		
3	256QAM	8	0	17.53	17.65	17.54	18.4	1
3	256QAM	8	4	17.40	17.52	17.47		
3	256QAM	8	7	17.50	17.49	17.38		
3	256QAM	15	0	17.39	17.53	17.26		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.23	18.28	18.36	19.4	0
1.4	QPSK	1	3	18.32	18.19	18.22		
1.4	QPSK	1	5	18.16	18.16	18.26		
1.4	QPSK	3	0	18.28	18.28	18.32		
1.4	QPSK	3	1	18.22	18.20	18.27		
1.4	QPSK	3	3	18.13	18.29	18.13		
1.4	QPSK	6	0	18.18	18.28	18.30	19.4	0
1.4	16QAM	1	0	18.18	18.24	18.23	19.4	0
1.4	16QAM	1	3	18.17	18.21	18.29		
1.4	16QAM	1	5	18.11	18.28	18.19		
1.4	16QAM	3	0	18.17	18.25	18.17		
1.4	16QAM	3	1	18.19	18.21	18.34		
1.4	16QAM	3	3	18.18	18.26	18.23		
1.4	16QAM	6	0	18.11	18.28	18.27	19.4	0
1.4	64QAM	1	0	18.27	18.30	18.24	19.4	0
1.4	64QAM	1	3	18.11	18.30	18.25		
1.4	64QAM	1	5	18.18	18.33	18.11		
1.4	64QAM	3	0	18.19	18.20	18.23		
1.4	64QAM	3	1	18.19	18.31	18.28		
1.4	64QAM	3	3	18.25	18.35	18.21		
1.4	64QAM	6	0	18.08	18.27	18.17	19.4	0
1.4	256QAM	1	0	17.59	17.68	17.56	18.4	1
1.4	256QAM	1	3	17.35	17.59	17.42		
1.4	256QAM	1	5	17.45	17.61	17.52		
1.4	256QAM	3	0	17.49	17.63	17.57		
1.4	256QAM	3	1	17.48	17.57	17.40		
1.4	256QAM	3	3	17.46	17.53	17.34		
1.4	256QAM	6	0	17.42	17.39	17.31	18.4	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	17.92	18.09	17.95	18.7	0
20	QPSK	1	49	17.84	18.00	17.91		
20	QPSK	1	99	17.73	17.94	17.80		
20	QPSK	50	0	17.89	18.05	17.92	18.7	0
20	QPSK	50	24	17.86	17.95	17.76		
20	QPSK	50	50	17.88	17.85	17.76		
20	QPSK	100	0	17.81	17.85	17.84		
20	16QAM	1	0	17.82	17.89	17.89	18.7	0
20	16QAM	1	49	17.95	17.95	17.81		
20	16QAM	1	99	17.77	17.85	17.85		
20	16QAM	50	0	17.77	17.79	17.68	18.7	0
20	16QAM	50	24	17.66	17.80	17.64		
20	16QAM	50	50	17.90	17.91	17.72		
20	16QAM	100	0	17.98	17.84	17.78		
20	64QAM	1	0	17.88	17.79	17.75	18.7	0
20	64QAM	1	49	17.88	17.78	17.86		
20	64QAM	1	99	17.74	17.74	17.62		
20	64QAM	50	0	17.75	17.81	17.90	18.7	0
20	64QAM	50	24	17.81	17.72	17.69		
20	64QAM	50	50	17.61	17.80	17.62		
20	64QAM	100	0	17.75	17.79	17.83		
20	256QAM	1	0	17.56	17.52	17.50	18.2	0.5
20	256QAM	1	49	17.38	17.49	17.42		
20	256QAM	1	99	17.30	17.45	17.32		
20	256QAM	50	0	17.30	17.41	17.28	18.2	0.5
20	256QAM	50	24	17.35	17.46	17.43		
20	256QAM	50	50	17.43	17.46	17.33		
20	256QAM	100	0	17.27	17.41	17.26		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.78	17.97	17.84	18.7	0
15	QPSK	1	37	17.73	17.95	17.83		
15	QPSK	1	74	17.65	17.87	17.68		
15	QPSK	36	0	17.84	17.99	17.77	18.7	0
15	QPSK	36	20	17.72	17.89	17.66		
15	QPSK	36	39	17.80	17.80	17.63		
15	QPSK	75	0	17.67	17.70	17.72		
15	16QAM	1	0	17.75	17.76	17.83	18.7	0
15	16QAM	1	37	17.86	17.81	17.76		
15	16QAM	1	74	17.70	17.70	17.78		
15	16QAM	36	0	17.70	17.73	17.56	18.7	0
15	16QAM	36	20	17.52	17.66	17.57		
15	16QAM	36	39	17.78	17.77	17.64		
15	16QAM	75	0	17.92	17.69	17.73		
15	64QAM	1	0	17.79	17.69	17.66	18.7	0
15	64QAM	1	37	17.75	17.72	17.75		
15	64QAM	1	74	17.68	17.68	17.55		
15	64QAM	36	0	17.61	17.70	17.79	18.7	0
15	64QAM	36	20	17.67	17.62	17.59		
15	64QAM	36	39	17.48	17.75	17.49		
15	64QAM	75	0	17.66	17.67	17.77		
15	256QAM	1	0	17.51	17.46	17.42	18.2	0.5
15	256QAM	1	37	17.23	17.40	17.37		
15	256QAM	1	74	17.25	17.32	17.22		
15	256QAM	36	0	17.15	17.28	17.16	18.2	0.5
15	256QAM	36	20	17.30	17.33	17.30		
15	256QAM	36	39	17.34	17.38	17.24		
15	256QAM	75	0	17.13	17.33	17.19		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.81	17.99	17.84	18.7	0
10	QPSK	1	25	17.74	17.93	17.76		
10	QPSK	1	49	17.63	17.84	17.66		
10	QPSK	25	0	17.85	17.97	17.81	18.7	0
10	QPSK	25	12	17.74	17.85	17.62		
10	QPSK	25	25	17.75	17.71	17.62		
10	QPSK	50	0	17.75	17.73	17.76		
10	16QAM	1	0	17.72	17.84	17.76	18.7	0
10	16QAM	1	25	17.89	17.82	17.72		
10	16QAM	1	49	17.64	17.76	17.70		
10	16QAM	25	0	17.64	17.69	17.61	18.7	0
10	16QAM	25	12	17.52	17.66	17.55		
10	16QAM	25	25	17.79	17.83	17.57		
10	16QAM	50	0	17.93	17.73	17.68		
10	64QAM	1	0	17.77	17.65	17.69	18.7	0
10	64QAM	1	25	17.76	17.68	17.80		
10	64QAM	1	49	17.63	17.65	17.47		
10	64QAM	25	0	17.68	17.71	17.80	18.7	0
10	64QAM	25	12	17.70	17.60	17.60		
10	64QAM	25	25	17.48	17.65	17.52		
10	64QAM	50	0	17.61	17.71	17.70		
10	256QAM	1	0	17.46	17.42	17.43	18.2	0.5
10	256QAM	1	25	17.24	17.36	17.35		
10	256QAM	1	49	17.24	17.36	17.25		
10	256QAM	25	0	17.15	17.32	17.16	18.2	0.5
10	256QAM	25	12	17.24	17.41	17.34		
10	256QAM	25	25	17.34	17.36	17.20		
10	256QAM	50	0	17.21	17.31	17.21		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.77	18.00	17.82	18.7	0
5	QPSK	1	12	17.74	17.87	17.82		
5	QPSK	1	24	17.68	17.87	17.72		
5	QPSK	12	0	17.82	17.90	17.83	18.7	0
5	QPSK	12	7	17.76	17.83	17.67		
5	QPSK	12	13	17.74	17.72	17.69		
5	QPSK	25	0	17.76	17.71	17.73		
5	16QAM	1	0	17.74	17.74	17.75	18.7	0
5	16QAM	1	12	17.88	17.88	17.74		
5	16QAM	1	24	17.68	17.72	17.78		
5	16QAM	12	0	17.72	17.66	17.55	18.7	0
5	16QAM	12	7	17.51	17.70	17.51		
5	16QAM	12	13	17.82	17.85	17.59		
5	16QAM	25	0	17.85	17.74	17.69		
5	64QAM	1	0	17.73	17.65	17.65	18.7	0
5	64QAM	1	12	17.80	17.68	17.72		
5	64QAM	1	24	17.62	17.68	17.51		
5	64QAM	12	0	17.63	17.69	17.80	18.7	0
5	64QAM	12	7	17.66	17.65	17.64		
5	64QAM	12	13	17.54	17.68	17.47		
5	64QAM	25	0	17.61	17.64	17.70		
5	256QAM	1	0	17.47	17.44	17.42	18.2	0.5
5	256QAM	1	12	17.33	17.43	17.27		
5	256QAM	1	24	17.20	17.32	17.21		
5	256QAM	12	0	17.25	17.31	17.20	18.2	0.5
5	256QAM	12	7	17.30	17.32	17.31		
5	256QAM	12	13	17.28	17.40	17.24		
5	256QAM	25	0	17.14	17.31	17.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.82	17.98	17.82	18.7	0
3	QPSK	1	8	17.78	17.85	17.83		
3	QPSK	1	14	17.63	17.83	17.68		
3	QPSK	8	0	17.81	17.97	17.85	18.7	0
3	QPSK	8	4	17.71	17.90	17.68		
3	QPSK	8	7	17.78	17.73	17.67		
3	QPSK	15	0	17.73	17.79	17.74		
3	16QAM	1	0	17.68	17.74	17.83	18.7	0
3	16QAM	1	8	17.89	17.90	17.73		
3	16QAM	1	14	17.63	17.79	17.80		
3	16QAM	8	0	17.71	17.67	17.53	18.7	0
3	16QAM	8	4	17.59	17.75	17.49		
3	16QAM	8	7	17.76	17.84	17.58		
3	16QAM	15	0	17.89	17.69	17.64		
3	64QAM	1	0	17.77	17.70	17.66	18.7	0
3	64QAM	1	8	17.75	17.64	17.77		
3	64QAM	1	14	17.64	17.67	17.51		
3	64QAM	8	0	17.63	17.68	17.83	18.7	0
3	64QAM	8	4	17.66	17.57	17.54		
3	64QAM	8	7	17.47	17.67	17.57		
3	64QAM	15	0	17.66	17.65	17.78		
3	256QAM	1	0	17.51	17.37	17.38	18.2	0.5
3	256QAM	1	8	17.23	17.43	17.36		
3	256QAM	1	14	17.22	17.31	17.20		
3	256QAM	8	0	17.22	17.29	17.21	18.2	0.5
3	256QAM	8	4	17.24	17.41	17.36		
3	256QAM	8	7	17.38	17.35	17.28		
3	256QAM	15	0	17.17	17.27	17.12		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.72	18.04	17.80	18.7	0
1.4	QPSK	1	3	17.77	17.90	17.76		
1.4	QPSK	1	5	17.66	17.87	17.71		
1.4	QPSK	3	0	17.82	18.00	17.87		
1.4	QPSK	3	1	17.78	17.82	17.66		
1.4	QPSK	3	3	17.76	17.76	17.68		
1.4	QPSK	6	0	17.73	17.77	17.72	18.7	0
1.4	16QAM	1	0	17.69	17.78	17.81	18.7	0
1.4	16QAM	1	3	17.81	17.84	17.67		
1.4	16QAM	1	5	17.63	17.70	17.73		
1.4	16QAM	3	0	17.64	17.67	17.55		
1.4	16QAM	3	1	17.59	17.69	17.59		
1.4	16QAM	3	3	17.78	17.78	17.57		
1.4	16QAM	6	0	17.85	17.75	17.64	18.7	0
1.4	64QAM	1	0	17.79	17.67	17.67	18.7	0
1.4	64QAM	1	3	17.73	17.66	17.80		
1.4	64QAM	1	5	17.62	17.66	17.48		
1.4	64QAM	3	0	17.61	17.66	17.81		
1.4	64QAM	3	1	17.70	17.66	17.62		
1.4	64QAM	3	3	17.56	17.70	17.54		
1.4	64QAM	6	0	17.61	17.68	17.78	18.7	0
1.4	256QAM	1	0	17.49	17.37	17.41	18.2	0.5
1.4	256QAM	1	3	17.29	17.35	17.33		
1.4	256QAM	1	5	17.16	17.37	17.21		
1.4	256QAM	3	0	17.19	17.32	17.13		
1.4	256QAM	3	1	17.29	17.35	17.34		
1.4	256QAM	3	3	17.34	17.33	17.21		
1.4	256QAM	6	0	17.15	17.30	17.21	18.2	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	14.93	14.95	14.91	16.4	0
20	QPSK	1	49	14.83	14.71	14.71		
20	QPSK	1	99	14.77	14.85	14.89		
20	QPSK	50	0	14.80	14.90	14.68	16.4	0
20	QPSK	50	24	14.76	14.78	14.62		
20	QPSK	50	50	14.74	14.71	14.63		
20	QPSK	100	0	14.69	14.87	14.65		
20	16QAM	1	0	14.67	14.69	14.69	16.4	0
20	16QAM	1	49	14.72	14.72	14.56		
20	16QAM	1	99	14.70	14.84	14.63		
20	16QAM	50	0	14.72	14.61	14.62	16.4	0
20	16QAM	50	24	14.67	14.83	14.54		
20	16QAM	50	50	14.66	14.66	14.78		
20	16QAM	100	0	14.62	14.73	14.64		
20	64QAM	1	0	14.65	14.72	14.52	16.4	0
20	64QAM	1	49	14.59	14.65	14.54		
20	64QAM	1	99	14.58	14.47	14.55		
20	64QAM	50	0	14.74	14.81	14.70	16.4	0
20	64QAM	50	24	14.77	14.66	14.68		
20	64QAM	50	50	14.72	14.79	14.51		
20	64QAM	100	0	14.85	14.85	14.84		
20	256QAM	1	0	14.31	14.41	14.23	15.9	0.5
20	256QAM	1	49	14.12	14.35	14.16		
20	256QAM	1	99	14.12	14.15	14.14		
20	256QAM	50	0	14.16	14.34	14.31	15.9	0.5
20	256QAM	50	24	14.11	14.34	14.18		
20	256QAM	50	50	14.19	14.32	14.13		
20	256QAM	100	0	14.14	14.31	13.98		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.86	14.88	14.84	16.4	0
15	QPSK	1	37	14.71	14.65	14.57		
15	QPSK	1	74	14.68	14.79	14.79		
15	QPSK	36	0	14.75	14.84	14.63	16.4	0
15	QPSK	36	20	14.68	14.69	14.48		
15	QPSK	36	39	14.69	14.65	14.54		
15	QPSK	75	0	14.62	14.76	14.60		
15	16QAM	1	0	14.53	14.56	14.55	16.4	0
15	16QAM	1	37	14.63	14.63	14.50		
15	16QAM	1	74	14.56	14.73	14.51		
15	16QAM	36	0	14.61	14.52	14.55	16.4	0
15	16QAM	36	20	14.56	14.76	14.42		
15	16QAM	36	39	14.61	14.59	14.68		
15	16QAM	75	0	14.55	14.63	14.52		
15	64QAM	1	0	14.54	14.66	14.44	16.4	0
15	64QAM	1	37	14.54	14.52	14.45		
15	64QAM	1	74	14.49	14.32	14.47		
15	64QAM	36	0	14.68	14.70	14.65	16.4	0
15	64QAM	36	20	14.62	14.56	14.56		
15	64QAM	36	39	14.65	14.72	14.43		
15	64QAM	75	0	14.79	14.76	14.79		
15	256QAM	1	0	14.19	14.28	14.17	15.9	0.5
15	256QAM	1	37	13.98	14.26	14.10		
15	256QAM	1	74	14.03	14.03	14.00		
15	256QAM	36	0	14.03	14.21	14.18	15.9	0.5
15	256QAM	36	20	13.97	14.20	14.05		
15	256QAM	36	39	14.09	14.18	14.02		
15	256QAM	75	0	14.04	14.22	14.29		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.85	14.80	14.80	16.4	0
10	QPSK	1	25	14.75	14.64	14.60		
10	QPSK	1	49	14.63	14.80	14.84		
10	QPSK	25	0	14.67	14.75	14.58	16.4	0
10	QPSK	25	12	14.70	14.73	14.55		
10	QPSK	25	25	14.61	14.66	14.49		
10	QPSK	50	0	14.62	14.77	14.52		
10	16QAM	1	0	14.53	14.60	14.58	16.4	0
10	16QAM	1	25	14.58	14.64	14.48		
10	16QAM	1	49	14.56	14.69	14.55		
10	16QAM	25	0	14.61	14.49	14.48	16.4	0
10	16QAM	25	12	14.62	14.69	14.47		
10	16QAM	25	25	14.53	14.60	14.66		
10	16QAM	50	0	14.55	14.59	14.55		
10	64QAM	1	0	14.60	14.66	14.42	16.4	0
10	64QAM	1	25	14.47	14.51	14.46		
10	64QAM	1	49	14.44	14.38	14.42		
10	64QAM	25	0	14.67	14.66	14.59	16.4	0
10	64QAM	25	12	14.72	14.61	14.59		
10	64QAM	25	25	14.62	14.71	14.36		
10	64QAM	50	0	14.77	14.80	14.70		
10	256QAM	1	0	14.19	14.35	14.08	15.9	0.5
10	256QAM	1	25	14.02	14.30	14.06		
10	256QAM	1	49	14.04	14.05	14.01		
10	256QAM	25	0	14.08	14.26	14.18	15.9	0.5
10	256QAM	25	12	14.06	14.22	14.11		
10	256QAM	25	25	14.08	14.23	14.00		
10	256QAM	50	0	14.06	14.22	14.09		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.83	14.88	14.79	16.4	0
5	QPSK	1	12	14.76	14.62	14.60		
5	QPSK	1	24	14.70	14.74	14.83		
5	QPSK	12	0	14.73	14.77	14.55	16.4	0
5	QPSK	12	7	14.67	14.68	14.57		
5	QPSK	12	13	14.64	14.57	14.50		
5	QPSK	25	0	14.61	14.75	14.55		
5	16QAM	1	0	14.62	14.60	14.60	16.4	0
5	16QAM	1	12	14.63	14.64	14.47		
5	16QAM	1	24	14.57	14.73	14.56		
5	16QAM	12	0	14.59	14.52	14.50	16.4	0
5	16QAM	12	7	14.56	14.72	14.45		
5	16QAM	12	13	14.57	14.61	14.66		
5	16QAM	25	0	14.49	14.67	14.59		
5	64QAM	1	0	14.53	14.65	14.45	16.4	0
5	64QAM	1	12	14.49	14.51	14.47		
5	64QAM	1	24	14.47	14.40	14.44		
5	64QAM	12	0	14.69	14.76	14.61	16.4	0
5	64QAM	12	7	14.62	14.60	14.58		
5	64QAM	12	13	14.62	14.72	14.36		
5	64QAM	25	0	14.79	14.80	14.70		
5	256QAM	1	0	14.25	14.28	14.16	15.9	0.5
5	256QAM	1	12	14.02	14.27	14.10		
5	256QAM	1	24	13.99	14.09	14.01		
5	256QAM	12	0	14.01	14.27	14.25	15.9	0.5
5	256QAM	12	7	14.02	14.19	14.11		
5	256QAM	12	13	14.05	14.18	13.98		
5	256QAM	25	0	14.02	14.24	14.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.86	14.82	14.81	16.4	0
3	QPSK	1	8	14.74	14.57	14.58		
3	QPSK	1	14	14.66	14.71	14.84		
3	QPSK	8	0	14.75	14.81	14.56	16.4	0
3	QPSK	8	4	14.67	14.72	14.51		
3	QPSK	8	7	14.63	14.65	14.50		
3	QPSK	15	0	14.58	14.82	14.58		
3	16QAM	1	0	14.54	14.57	14.62	16.4	0
3	16QAM	1	8	14.61	14.64	14.48		
3	16QAM	1	14	14.62	14.72	14.48		
3	16QAM	8	0	14.62	14.53	14.54	16.4	0
3	16QAM	8	4	14.61	14.69	14.42		
3	16QAM	8	7	14.52	14.58	14.72		
3	16QAM	15	0	14.51	14.58	14.53		
3	64QAM	1	0	14.58	14.67	14.44	16.4	0
3	64QAM	1	8	14.49	14.51	14.48		
3	64QAM	1	14	14.46	14.39	14.48		
3	64QAM	8	0	14.61	14.67	14.60	16.4	0
3	64QAM	8	4	14.71	14.54	14.58		
3	64QAM	8	7	14.58	14.73	14.37		
3	64QAM	15	0	14.70	14.74	14.69		
3	256QAM	1	0	14.24	14.31	14.10	15.9	0.5
3	256QAM	1	8	14.05	14.27	14.08		
3	256QAM	1	14	14.01	14.01	14.08		
3	256QAM	8	0	14.01	14.28	14.24	15.9	0.5
3	256QAM	8	4	14.03	14.26	14.13		
3	256QAM	8	7	14.09	14.26	14.06		
3	256QAM	15	0	14.06	14.24	13.93		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.85	14.85	14.78	16.4	0
1.4	QPSK	1	3	14.70	14.57	14.56		
1.4	QPSK	1	5	14.62	14.79	14.82		
1.4	QPSK	3	0	14.67	14.76	14.62		
1.4	QPSK	3	1	14.65	14.72	14.56		
1.4	QPSK	3	3	14.69	14.59	14.48		
1.4	QPSK	6	0	14.58	14.80	14.59	16.4	0
1.4	16QAM	1	0	14.55	14.61	14.55	16.4	0
1.4	16QAM	1	3	14.64	14.59	14.48		
1.4	16QAM	1	5	14.58	14.76	14.55		
1.4	16QAM	3	0	14.58	14.52	14.53		
1.4	16QAM	3	1	14.59	14.77	14.44		
1.4	16QAM	3	3	14.56	14.51	14.65		
1.4	16QAM	6	0	14.54	14.58	14.55	16.4	0
1.4	64QAM	1	0	14.50	14.65	14.46	16.4	0
1.4	64QAM	1	3	14.51	14.51	14.45		
1.4	64QAM	1	5	14.43	14.32	14.46		
1.4	64QAM	3	0	14.68	14.68	14.56		
1.4	64QAM	3	1	14.69	14.56	14.59		
1.4	64QAM	3	3	14.64	14.64	14.37		
1.4	64QAM	6	0	14.74	14.75	14.74	16.4	0
1.4	256QAM	1	0	14.19	14.31	14.18	15.9	0.5
1.4	256QAM	1	3	14.22	14.32	14.18		
1.4	256QAM	1	5	14.18	14.33	14.14		
1.4	256QAM	3	0	14.07	14.26	14.18		
1.4	256QAM	3	1	14.03	14.02	14.05		
1.4	256QAM	3	3	14.07	14.28	13.99		
1.4	256QAM	6	0	13.99	14.30	14.16	15.9	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.02	20.10	20.05	21	0
20	QPSK	1	49	19.94	19.99	19.97		
20	QPSK	1	99	19.88	20.01	20.01		
20	QPSK	50	0	20.01	20.08	20.02	21	0
20	QPSK	50	24	19.98	20.02	20.00		
20	QPSK	50	50	20.00	20.02	19.90		
20	QPSK	100	0	19.96	20.03	20.00		
20	16QAM	1	0	19.95	20.04	19.99	21	0
20	16QAM	1	49	19.88	20.05	19.96		
20	16QAM	1	99	19.97	19.95	19.99		
20	16QAM	50	0	19.98	20.02	20.00	21	0
20	16QAM	50	24	20.00	19.95	20.00		
20	16QAM	50	50	19.97	20.02	20.01		
20	16QAM	100	0	19.99	20.02	19.91		
20	64QAM	1	0	19.98	20.01	20.02	21	0
20	64QAM	1	49	19.90	19.95	19.96		
20	64QAM	1	99	19.90	19.96	20.01		
20	64QAM	50	0	20.01	20.02	19.90	21	0
20	64QAM	50	24	19.92	20.02	20.01		
20	64QAM	50	50	19.95	20.09	20.03		
20	64QAM	100	0	19.91	20.08	19.96		
20	256QAM	1	0	18.31	18.40	18.32	20	1
20	256QAM	1	49	18.32	18.39	18.28		
20	256QAM	1	99	18.24	18.27	18.12		
20	256QAM	50	0	18.33	18.39	18.33	20	1
20	256QAM	50	24	18.14	18.25	18.23		
20	256QAM	50	50	18.18	18.29	18.27		
20	256QAM	100	0	18.19	18.29	18.28		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.99	20.06	20.02	21	0
15	QPSK	1	37	19.93	19.97	19.87		
15	QPSK	1	74	19.85	19.86	19.91		
15	QPSK	36	0	19.98	19.98	19.88	21	0
15	QPSK	36	20	19.97	19.94	19.97		
15	QPSK	36	39	19.92	19.92	19.75		
15	QPSK	75	0	19.89	20.00	19.86		
15	16QAM	1	0	19.92	19.94	19.84	21	0
15	16QAM	1	37	19.84	20.02	19.92		
15	16QAM	1	74	19.85	19.82	19.95		
15	16QAM	36	0	19.91	19.92	19.98	21	0
15	16QAM	36	20	19.88	19.90	19.93		
15	16QAM	36	39	19.83	19.89	19.90		
15	16QAM	75	0	19.94	19.96	19.79		
15	64QAM	1	0	19.87	19.96	20.01	21	0
15	64QAM	1	37	19.88	19.82	19.88		
15	64QAM	1	74	19.85	19.95	19.98		
15	64QAM	36	0	19.92	20.01	19.76	21	0
15	64QAM	36	20	19.80	19.93	19.92		
15	64QAM	36	39	19.91	19.97	19.98		
15	64QAM	75	0	19.76	19.95	19.85		
15	256QAM	1	0	18.27	18.38	18.17	20	1
15	256QAM	1	37	18.26	18.28	18.13		
15	256QAM	1	74	18.11	18.23	18.16		
15	256QAM	36	0	18.22	18.36	18.27	20	1
15	256QAM	36	20	18.07	18.22	18.10		
15	256QAM	36	39	18.16	18.20	18.22		
15	256QAM	75	0	18.08	18.22	18.20		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.97	20.05	19.99	21	0
10	QPSK	1	25	19.87	19.88	19.95		
10	QPSK	1	49	19.73	19.95	19.90		
10	QPSK	25	0	19.87	20.00	19.87	21	0
10	QPSK	25	12	19.92	19.94	19.86		
10	QPSK	25	25	19.87	20.01	19.76		
10	QPSK	50	0	19.91	19.93	19.94		
10	16QAM	1	0	19.84	20.03	19.88	21	0
10	16QAM	1	25	19.74	20.02	19.87		
10	16QAM	1	49	19.82	19.92	19.92		
10	16QAM	25	0	19.97	19.95	19.96	21	0
10	16QAM	25	12	19.93	19.90	19.92		
10	16QAM	25	25	19.82	20.00	19.86		
10	16QAM	50	0	19.91	20.01	19.82		
10	64QAM	1	0	19.87	19.88	19.93	21	0
10	64QAM	1	25	19.82	19.84	19.84		
10	64QAM	1	49	19.80	19.82	20.00		
10	64QAM	25	0	19.91	19.94	19.88	21	0
10	64QAM	25	12	19.86	19.95	19.86		
10	64QAM	25	25	19.80	20.00	19.94		
10	64QAM	50	0	19.78	20.03	19.85		
10	256QAM	1	0	18.28	18.29	18.22	20	1
10	256QAM	1	25	18.22	18.24	18.24		
10	256QAM	1	49	18.09	18.21	18.08		
10	256QAM	25	0	18.23	18.29	18.25	20	1
10	256QAM	25	12	18.06	18.14	18.14		
10	256QAM	25	25	18.12	18.19	18.22		
10	256QAM	50	0	18.18	18.19	18.26		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.92	19.97	20.03	21	0
5	QPSK	1	12	19.82	19.89	19.82		
5	QPSK	1	24	19.80	19.96	19.93		
5	QPSK	12	0	19.98	19.95	19.96	21	0
5	QPSK	12	7	19.97	20.00	19.94		
5	QPSK	12	13	19.98	19.87	19.80		
5	QPSK	25	0	19.94	19.92	19.97		
5	16QAM	1	0	19.80	19.95	19.86	21	0
5	16QAM	1	12	19.78	19.92	19.85		
5	16QAM	1	24	19.92	19.87	19.96		
5	16QAM	12	0	19.93	19.89	19.93	21	0
5	16QAM	12	7	19.86	19.94	19.89		
5	16QAM	12	13	19.94	19.89	19.97		
5	16QAM	25	0	19.94	19.99	19.83		
5	64QAM	1	0	19.84	19.94	19.90	21	0
5	64QAM	1	12	19.88	19.90	19.94		
5	64QAM	1	24	19.84	19.88	19.94		
5	64QAM	12	0	19.92	19.97	19.84	21	0
5	64QAM	12	7	19.84	19.90	19.90		
5	64QAM	12	13	19.91	19.98	19.95		
5	64QAM	25	0	19.77	20.07	19.94		
5	256QAM	1	0	18.29	18.30	18.22	20	1
5	256QAM	1	12	18.30	18.30	18.22		
5	256QAM	1	24	18.18	18.23	18.07		
5	256QAM	12	0	18.27	18.35	18.20	20	1
5	256QAM	12	7	18.09	18.16	18.13		
5	256QAM	12	13	18.17	18.22	18.15		
5	256QAM	25	0	18.18	18.15	18.24		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.93	20.09	20.00	21	0
3	QPSK	1	8	19.93	19.95	19.96		
3	QPSK	1	14	19.79	19.86	19.96		
3	QPSK	8	0	19.93	20.03	19.87	21	0
3	QPSK	8	4	19.86	19.87	19.85		
3	QPSK	8	7	19.97	19.94	19.86		
3	QPSK	15	0	19.90	19.91	19.93		
3	16QAM	1	0	19.89	19.97	19.98	21	0
3	16QAM	1	8	19.80	19.96	19.95		
3	16QAM	1	14	19.95	19.89	19.87		
3	16QAM	8	0	19.89	19.92	19.86	21	0
3	16QAM	8	4	19.92	19.86	19.91		
3	16QAM	8	7	19.96	19.91	19.99		
3	16QAM	15	0	19.92	19.99	19.89		
3	64QAM	1	0	19.97	19.92	19.97	21	0
3	64QAM	1	8	19.84	19.92	19.95		
3	64QAM	1	14	19.77	19.93	19.92		
3	64QAM	8	0	19.97	20.00	19.89	21	0
3	64QAM	8	4	19.78	19.90	19.96		
3	64QAM	8	7	19.89	19.94	19.95		
3	64QAM	15	0	19.89	20.04	19.86		
3	256QAM	1	0	18.23	18.25	18.30	20	1
3	256QAM	1	8	18.28	18.29	18.23		
3	256QAM	1	14	18.21	18.17	18.05		
3	256QAM	8	0	18.18	18.33	18.32	20	1
3	256QAM	8	4	18.10	18.16	18.09		
3	256QAM	8	7	18.05	18.22	18.23		
3	256QAM	15	0	18.16	18.22	18.21		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.96	20.09	19.90	21	0
1.4	QPSK	1	3	19.86	19.89	19.88		
1.4	QPSK	1	5	19.79	19.88	19.87		
1.4	QPSK	3	0	19.97	20.07	19.96		
1.4	QPSK	3	1	19.91	19.98	19.98		
1.4	QPSK	3	3	19.88	19.99	19.88		
1.4	QPSK	6	0	19.86	20.00	19.88	21	0
1.4	16QAM	1	0	19.90	19.89	19.89	21	0
1.4	16QAM	1	3	19.76	19.94	19.92		
1.4	16QAM	1	5	19.91	19.90	19.88		
1.4	16QAM	3	0	19.89	19.89	19.85		
1.4	16QAM	3	1	19.96	19.90	19.90		
1.4	16QAM	3	3	19.88	19.90	19.88		
1.4	16QAM	6	0	19.84	20.00	19.88	21	0
1.4	64QAM	1	0	19.95	19.91	19.87	21	0
1.4	64QAM	1	3	19.77	19.90	19.93		
1.4	64QAM	1	5	19.86	19.86	19.89		
1.4	64QAM	3	0	19.90	19.92	19.81		
1.4	64QAM	3	1	19.89	19.93	19.92		
1.4	64QAM	3	3	19.94	20.08	20.02		
1.4	64QAM	6	0	19.84	20.00	19.86	21	0
1.4	256QAM	1	0	18.29	18.28	18.30	20	1
1.4	256QAM	1	3	18.28	18.29	18.19		
1.4	256QAM	1	5	18.16	18.21	18.01		
1.4	256QAM	3	0	18.31	18.27	18.20		
1.4	256QAM	3	1	18.01	18.12	18.15		
1.4	256QAM	3	3	18.09	18.23	18.19		
1.4	256QAM	6	0	18.12	18.27	18.13	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.60	17.66	17.58	18.6	0
20	QPSK	1	49	17.59	17.52	17.54		
20	QPSK	1	99	17.52	17.54	17.43		
20	QPSK	50	0	17.58	17.65	17.55	18.6	0
20	QPSK	50	24	17.52	17.55	17.47		
20	QPSK	50	50	17.52	17.63	17.49		
20	QPSK	100	0	17.45	17.55	17.46		
20	16QAM	1	0	17.47	17.51	17.50	18.6	0
20	16QAM	1	49	17.58	17.58	17.51		
20	16QAM	1	99	17.57	17.65	17.50		
20	16QAM	50	0	17.53	17.57	17.45	18.6	0
20	16QAM	50	24	17.45	17.53	17.45		
20	16QAM	50	50	17.48	17.57	17.54		
20	16QAM	100	0	17.49	17.56	17.52		
20	64QAM	1	0	17.58	17.58	17.55	18.6	0
20	64QAM	1	49	17.53	17.54	17.56		
20	64QAM	1	99	17.51	17.51	17.52		
20	64QAM	50	0	17.53	17.55	17.51	18.6	0
20	64QAM	50	24	17.52	17.56	17.47		
20	64QAM	50	50	17.51	17.52	17.56		
20	64QAM	100	0	17.54	17.58	17.53		
20	256QAM	1	0	17.49	17.56	17.43	18.6	0
20	256QAM	1	49	17.47	17.63	17.46		
20	256QAM	1	99	17.59	17.62	17.44		
20	256QAM	50	0	17.57	17.51	17.57	18.6	0
20	256QAM	50	24	17.47	17.60	17.56		
20	256QAM	50	50	17.50	17.54	17.49		
20	256QAM	100	0	17.51	17.52	17.48		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.54	17.53	17.46	18.6	0
15	QPSK	1	37	17.56	17.44	17.47		
15	QPSK	1	74	17.46	17.45	17.31		
15	QPSK	36	0	17.48	17.54	17.41	18.6	0
15	QPSK	36	20	17.37	17.54	17.43		
15	QPSK	36	39	17.37	17.61	17.46		
15	QPSK	75	0	17.33	17.44	17.42		
15	16QAM	1	0	17.34	17.45	17.35	18.6	0
15	16QAM	1	37	17.43	17.50	17.37		
15	16QAM	1	74	17.49	17.64	17.38		
15	16QAM	36	0	17.46	17.55	17.31	18.6	0
15	16QAM	36	20	17.40	17.44	17.34		
15	16QAM	36	39	17.38	17.44	17.48		
15	16QAM	75	0	17.48	17.43	17.44		
15	64QAM	1	0	17.50	17.51	17.45	18.6	0
15	64QAM	1	37	17.42	17.43	17.55		
15	64QAM	1	74	17.38	17.44	17.43		
15	64QAM	36	0	17.50	17.52	17.37	18.6	0
15	64QAM	36	20	17.40	17.54	17.45		
15	64QAM	36	39	17.48	17.47	17.44		
15	64QAM	75	0	17.40	17.53	17.47		
15	256QAM	1	0	17.36	17.52	17.39	18.6	0
15	256QAM	1	37	17.41	17.56	17.45		
15	256QAM	1	74	17.48	17.58	17.43		
15	256QAM	36	0	17.46	17.44	17.55	18.6	0
15	256QAM	36	20	17.35	17.57	17.45		
15	256QAM	36	39	17.40	17.47	17.47		
15	256QAM	75	0	17.37	17.47	17.38		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.51	17.62	17.50	18.6	0
10	QPSK	1	25	17.54	17.44	17.44		
10	QPSK	1	49	17.43	17.46	17.32		
10	QPSK	25	0	17.47	17.50	17.45	18.6	0
10	QPSK	25	12	17.41	17.40	17.34		
10	QPSK	25	25	17.46	17.59	17.47		
10	QPSK	50	0	17.41	17.40	17.40		
10	16QAM	1	0	17.46	17.40	17.37	18.6	0
10	16QAM	1	25	17.57	17.50	17.44		
10	16QAM	1	49	17.48	17.61	17.37		
10	16QAM	25	0	17.40	17.43	17.44	18.6	0
10	16QAM	25	12	17.30	17.52	17.35		
10	16QAM	25	25	17.36	17.42	17.50		
10	16QAM	50	0	17.44	17.52	17.37		
10	64QAM	1	0	17.51	17.50	17.46	18.6	0
10	64QAM	1	25	17.43	17.51	17.50		
10	64QAM	1	49	17.36	17.38	17.51		
10	64QAM	25	0	17.47	17.46	17.38	18.6	0
10	64QAM	25	12	17.48	17.51	17.38		
10	64QAM	25	25	17.41	17.45	17.54		
10	64QAM	50	0	17.46	17.45	17.45		
10	256QAM	1	0	17.46	17.55	17.28	18.6	0
10	256QAM	1	25	17.46	17.62	17.38		
10	256QAM	1	49	17.49	17.48	17.36		
10	256QAM	25	0	17.50	17.43	17.50	18.6	0
10	256QAM	25	12	17.37	17.58	17.41		
10	256QAM	25	25	17.38	17.53	17.34		
10	256QAM	50	0	17.44	17.46	17.37		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.53	17.51	17.46	18.6	0
5	QPSK	1	12	17.52	17.45	17.39		
5	QPSK	1	24	17.49	17.39	17.29		
5	QPSK	12	0	17.50	17.53	17.48	18.6	0
5	QPSK	12	7	17.51	17.53	17.46		
5	QPSK	12	13	17.48	17.58	17.41		
5	QPSK	25	0	17.32	17.44	17.44		
5	16QAM	1	0	17.36	17.39	17.40	18.6	0
5	16QAM	1	12	17.44	17.45	17.48		
5	16QAM	1	24	17.44	17.53	17.46		
5	16QAM	12	0	17.50	17.43	17.40	18.6	0
5	16QAM	12	7	17.31	17.40	17.38		
5	16QAM	12	13	17.44	17.43	17.53		
5	16QAM	25	0	17.35	17.47	17.44		
5	64QAM	1	0	17.51	17.48	17.51	18.6	0
5	64QAM	1	12	17.44	17.46	17.55		
5	64QAM	1	24	17.46	17.40	17.46		
5	64QAM	12	0	17.47	17.51	17.48	18.6	0
5	64QAM	12	7	17.44	17.41	17.36		
5	64QAM	12	13	17.49	17.38	17.54		
5	64QAM	25	0	17.49	17.48	17.38		
5	256QAM	1	0	17.34	17.45	17.31	18.6	0
5	256QAM	1	12	17.45	17.53	17.39		
5	256QAM	1	24	17.54	17.60	17.40		
5	256QAM	12	0	17.52	17.42	17.45	18.6	0
5	256QAM	12	7	17.33	17.45	17.41		
5	256QAM	12	13	17.40	17.42	17.40		
5	256QAM	25	0	17.48	17.42	17.35		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.52	17.51	17.50	18.6	0
3	QPSK	1	8	17.45	17.42	17.48		
3	QPSK	1	14	17.46	17.53	17.29		
3	QPSK	8	0	17.52	17.50	17.52	18.6	0
3	QPSK	8	4	17.47	17.49	17.32		
3	QPSK	8	7	17.48	17.49	17.46		
3	QPSK	15	0	17.34	17.46	17.43		
3	16QAM	1	0	17.36	17.47	17.45	18.6	0
3	16QAM	1	8	17.47	17.46	17.38		
3	16QAM	1	14	17.49	17.53	17.44		
3	16QAM	8	0	17.42	17.50	17.36	18.6	0
3	16QAM	8	4	17.41	17.50	17.41		
3	16QAM	8	7	17.33	17.51	17.46		
3	16QAM	15	0	17.41	17.55	17.50		
3	64QAM	1	0	17.46	17.49	17.48	18.6	0
3	64QAM	1	8	17.46	17.46	17.51		
3	64QAM	1	14	17.43	17.36	17.45		
3	64QAM	8	0	17.49	17.43	17.42	18.6	0
3	64QAM	8	4	17.51	17.42	17.33		
3	64QAM	8	7	17.50	17.48	17.51		
3	64QAM	15	0	17.39	17.45	17.43		
3	256QAM	1	0	17.45	17.46	17.35	18.6	0
3	256QAM	1	8	17.36	17.52	17.45		
3	256QAM	1	14	17.54	17.52	17.37		
3	256QAM	8	0	17.51	17.48	17.42	18.6	0
3	256QAM	8	4	17.46	17.58	17.50		
3	256QAM	8	7	17.36	17.44	17.40		
3	256QAM	15	0	17.48	17.44	17.42		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.55	17.54	17.54	18.6	0
1.4	QPSK	1	3	17.48	17.39	17.42		
1.4	QPSK	1	5	17.39	17.49	17.32		
1.4	QPSK	3	0	17.43	17.57	17.45		
1.4	QPSK	3	1	17.47	17.54	17.43		
1.4	QPSK	3	3	17.48	17.55	17.48		
1.4	QPSK	6	0	17.34	17.52	17.45	18.6	0
1.4	16QAM	1	0	17.37	17.38	17.36	18.6	0
1.4	16QAM	1	3	17.51	17.52	17.46		
1.4	16QAM	1	5	17.46	17.54	17.48		
1.4	16QAM	3	0	17.45	17.43	17.34		
1.4	16QAM	3	1	17.41	17.51	17.36		
1.4	16QAM	3	3	17.38	17.50	17.50		
1.4	16QAM	6	0	17.44	17.53	17.46	18.6	0
1.4	64QAM	1	0	17.47	17.54	17.50	18.6	0
1.4	64QAM	1	3	17.39	17.45	17.42		
1.4	64QAM	1	5	17.37	17.48	17.46		
1.4	64QAM	3	0	17.50	17.41	17.37		
1.4	64QAM	3	1	17.47	17.51	17.46		
1.4	64QAM	3	3	17.38	17.51	17.44		
1.4	64QAM	6	0	17.39	17.52	17.38	18.6	0
1.4	256QAM	1	0	17.39	17.54	17.36	18.6	0
1.4	256QAM	1	3	17.41	17.59	17.34		
1.4	256QAM	1	5	17.46	17.61	17.37		
1.4	256QAM	3	0	17.43	17.37	17.53		
1.4	256QAM	3	1	17.32	17.57	17.53		
1.4	256QAM	3	3	17.38	17.48	17.35		
1.4	256QAM	6	0	17.42	17.48	17.36	18.6	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.19	20.30	20.22	21	0
20	QPSK	1	49	20.10	20.18	20.15		
20	QPSK	1	99	20.16	20.24	20.17		
20	QPSK	50	0	20.18	20.28	20.19	21	0
20	QPSK	50	24	20.17	20.22	20.13		
20	QPSK	50	50	20.15	20.19	20.15		
20	QPSK	100	0	20.18	20.25	20.15		
20	16QAM	1	0	20.18	20.23	20.13	21	0
20	16QAM	1	49	20.11	20.19	20.20		
20	16QAM	1	99	20.14	20.23	20.09		
20	16QAM	50	0	20.18	20.27	20.20	21	0
20	16QAM	50	24	20.12	20.25	20.09		
20	16QAM	50	50	20.08	20.26	20.18		
20	16QAM	100	0	20.04	20.16	20.16		
20	64QAM	1	0	20.06	20.17	20.12	21	0
20	64QAM	1	49	20.11	20.22	20.12		
20	64QAM	1	99	20.13	20.22	20.09		
20	64QAM	50	0	20.06	20.29	20.19	21	0
20	64QAM	50	24	20.05	20.19	20.09		
20	64QAM	50	50	20.04	20.25	20.13		
20	64QAM	100	0	20.05	20.22	20.07		
20	256QAM	1	0	18.19	18.33	18.31	19.5	1.5
20	256QAM	1	49	18.17	18.20	18.18		
20	256QAM	1	99	18.15	18.23	18.14		
20	256QAM	50	0	18.18	18.23	18.20	19.5	1.5
20	256QAM	50	24	18.10	18.25	18.19		
20	256QAM	50	50	18.21	18.25	18.24		
20	256QAM	100	0	18.20	18.30	18.18		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.12	20.20	20.16	21	0
15	QPSK	1	37	20.06	20.04	20.10		
15	QPSK	1	74	20.04	20.12	20.06		
15	QPSK	36	0	20.16	20.23	20.10	21	0
15	QPSK	36	20	20.02	20.07	20.09		
15	QPSK	36	39	20.08	20.04	20.04		
15	QPSK	75	0	20.10	20.24	20.00		
15	16QAM	1	0	20.06	20.08	20.10	21	0
15	16QAM	1	37	19.96	20.18	20.10		
15	16QAM	1	74	20.05	20.15	20.07		
15	16QAM	36	0	20.08	20.22	20.10	21	0
15	16QAM	36	20	19.99	20.16	20.00		
15	16QAM	36	39	19.96	20.22	20.12		
15	16QAM	75	0	19.92	20.14	20.02		
15	64QAM	1	0	19.91	20.15	19.97	21	0
15	64QAM	1	37	20.01	20.15	20.00		
15	64QAM	1	74	20.10	20.08	19.97		
15	64QAM	36	0	19.93	20.27	20.17	21	0
15	64QAM	36	20	19.91	20.08	20.01		
15	64QAM	36	39	19.93	20.19	19.98		
15	64QAM	75	0	19.94	20.12	19.97		
15	256QAM	1	0	18.16	18.25	18.28	19.5	1.5
15	256QAM	1	37	18.08	18.05	18.15		
15	256QAM	1	74	18.00	18.10	18.02		
15	256QAM	36	0	18.06	18.14	18.17	19.5	1.5
15	256QAM	36	20	17.96	18.18	18.09		
15	256QAM	36	39	18.18	18.24	18.23		
15	256QAM	75	0	18.11	18.21	18.06		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.09	20.29	20.16	21	0
10	QPSK	1	25	20.09	20.04	20.09		
10	QPSK	1	49	20.02	20.12	20.12		
10	QPSK	25	0	20.03	20.21	20.17	21	0
10	QPSK	25	12	20.08	20.20	20.01		
10	QPSK	25	25	20.06	20.05	20.11		
10	QPSK	50	0	20.04	20.13	20.14		
10	16QAM	1	0	20.08	20.14	20.03	21	0
10	16QAM	1	25	20.01	20.04	20.18		
10	16QAM	1	49	20.06	20.20	19.95		
10	16QAM	25	0	20.11	20.18	20.19	21	0
10	16QAM	25	12	20.02	20.24	19.95		
10	16QAM	25	25	20.05	20.21	20.08		
10	16QAM	50	0	19.97	20.01	20.01		
10	64QAM	1	0	19.98	20.05	20.03	21	0
10	64QAM	1	25	19.96	20.15	20.09		
10	64QAM	1	49	20.10	20.07	19.95		
10	64QAM	25	0	20.05	20.25	20.07	21	0
10	64QAM	25	12	19.92	20.09	19.94		
10	64QAM	25	25	19.89	20.24	20.05		
10	64QAM	50	0	19.93	20.12	19.97		
10	256QAM	1	0	18.05	18.26	18.27	19.5	1.5
10	256QAM	1	25	18.02	18.19	18.17		
10	256QAM	1	49	18.14	18.18	18.02		
10	256QAM	25	0	18.11	18.17	18.15	19.5	1.5
10	256QAM	25	12	18.06	18.22	18.13		
10	256QAM	25	25	18.20	18.13	18.12		
10	256QAM	50	0	18.19	18.25	18.23		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.14	20.23	20.18	21	0
5	QPSK	1	12	20.07	20.06	20.04		
5	QPSK	1	24	20.01	20.16	20.04		
5	QPSK	12	0	20.17	20.17	20.06	21	0
5	QPSK	12	7	20.10	20.19	20.10		
5	QPSK	12	13	20.03	20.04	20.07		
5	QPSK	25	0	20.14	20.22	20.09		
5	16QAM	1	0	20.07	20.16	20.08	21	0
5	16QAM	1	12	20.01	20.09	20.15		
5	16QAM	1	24	20.06	20.21	20.07		
5	16QAM	12	0	20.17	20.23	20.11	21	0
5	16QAM	12	7	20.03	20.12	20.04		
5	16QAM	12	13	19.93	20.16	20.09		
5	16QAM	25	0	19.95	20.01	20.12		
5	64QAM	1	0	19.96	20.08	19.98	21	0
5	64QAM	1	12	20.08	20.12	20.10		
5	64QAM	1	24	20.08	20.09	20.02		
5	64QAM	12	0	19.92	20.25	20.04	21	0
5	64QAM	12	7	20.02	20.04	20.00		
5	64QAM	12	13	19.90	20.14	19.98		
5	64QAM	25	0	19.97	20.13	19.94		
5	256QAM	1	0	18.19	18.34	18.32	19.5	1.5
5	256QAM	1	12	18.16	18.21	18.23		
5	256QAM	1	24	18.14	18.21	18.19		
5	256QAM	12	0	18.18	18.30	18.22	19.5	1.5
5	256QAM	12	7	18.05	18.32	18.28		
5	256QAM	12	13	18.20	18.34	18.29		
5	256QAM	25	0	18.28	18.39	18.27		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.05	20.16	20.16	21	0
3	QPSK	1	8	20.04	20.09	20.13		
3	QPSK	1	14	20.12	20.18	20.05		
3	QPSK	8	0	20.13	20.21	20.16	21	0
3	QPSK	8	4	20.14	20.12	20.10		
3	QPSK	8	7	20.13	20.07	20.11		
3	QPSK	15	0	20.10	20.11	20.02		
3	16QAM	1	0	20.09	20.18	20.12	21	0
3	16QAM	1	8	20.04	20.16	20.12		
3	16QAM	1	14	20.10	20.10	19.94		
3	16QAM	8	0	20.12	20.22	20.15	21	0
3	16QAM	8	4	20.06	20.17	20.06		
3	16QAM	8	7	19.96	20.20	20.17		
3	16QAM	15	0	19.91	20.15	20.04		
3	64QAM	1	0	19.96	20.10	20.01	21	0
3	64QAM	1	8	19.99	20.13	20.04		
3	64QAM	1	14	20.01	20.18	20.03		
3	64QAM	8	0	19.92	20.25	20.13	21	0
3	64QAM	8	4	19.95	20.11	20.07		
3	64QAM	8	7	19.97	20.11	20.09		
3	64QAM	15	0	20.00	20.15	20.01		
3	256QAM	1	0	18.10	18.28	18.23	19.5	1.5
3	256QAM	1	8	18.06	18.19	18.09		
3	256QAM	1	14	18.02	18.13	18.06		
3	256QAM	8	0	18.24	18.30	18.21	19.5	1.5
3	256QAM	8	4	18.18	18.23	18.17		
3	256QAM	8	7	18.30	18.26	18.33		
3	256QAM	15	0	18.22	18.31	18.16		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.14	20.24	20.07	21	0
1.4	QPSK	1	3	20.06	20.12	20.09		
1.4	QPSK	1	5	20.05	20.21	20.06		
1.4	QPSK	3	0	20.06	20.26	20.15		
1.4	QPSK	3	1	20.04	20.12	20.10		
1.4	QPSK	3	3	20.13	20.09	20.10		
1.4	QPSK	6	0	20.09	20.20	20.13	21	0
1.4	16QAM	1	0	20.04	20.22	20.09	21	0
1.4	16QAM	1	3	19.99	20.15	20.10		
1.4	16QAM	1	5	20.07	20.16	20.01		
1.4	16QAM	3	0	20.12	20.24	20.11		
1.4	16QAM	3	1	20.03	20.10	20.00		
1.4	16QAM	3	3	19.95	20.22	20.08		
1.4	16QAM	6	0	19.93	20.07	20.07	21	0
1.4	64QAM	1	0	20.02	20.10	20.00	21	0
1.4	64QAM	1	3	20.03	20.07	19.99		
1.4	64QAM	1	5	20.02	20.18	19.96		
1.4	64QAM	3	0	20.00	20.14	20.11		
1.4	64QAM	3	1	19.90	20.11	19.99		
1.4	64QAM	3	3	19.92	20.13	20.00		
1.4	64QAM	6	0	19.90	20.13	20.03	21	0
1.4	256QAM	1	0	18.23	18.41	18.35	19.5	1.5
1.4	256QAM	1	3	18.14	18.24	18.16		
1.4	256QAM	1	5	18.16	18.27	18.22		
1.4	256QAM	3	0	18.22	18.25	18.27		
1.4	256QAM	3	1	18.07	18.23	18.23		
1.4	256QAM	3	3	18.17	18.32	18.26		
1.4	256QAM	6	0	18.20	18.36	18.21	19.5	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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.08	17.10	17.05	17.8	0
20	QPSK	1	49	16.97	16.99	16.93		
20	QPSK	1	99	17.01	16.97	16.99		
20	QPSK	50	0	17.06	17.08	16.94	17.8	0
20	QPSK	50	24	16.98	17.04	16.90		
20	QPSK	50	50	17.02	16.95	16.92		
20	QPSK	100	0	17.05	17.06	16.92		
20	16QAM	1	0	16.96	16.95	17.00	17.8	0
20	16QAM	1	49	16.96	17.04	16.98		
20	16QAM	1	99	16.99	17.04	16.98		
20	16QAM	50	0	17.07	17.03	17.03	17.8	0
20	16QAM	50	24	16.97	17.00	16.92		
20	16QAM	50	50	16.93	16.99	17.02		
20	16QAM	100	0	16.99	17.00	16.97		
20	64QAM	1	0	17.02	16.97	17.04	17.8	0
20	64QAM	1	49	17.01	16.96	16.97		
20	64QAM	1	99	17.05	17.09	16.91		
20	64QAM	50	0	17.06	17.06	16.91	17.8	0
20	64QAM	50	24	16.96	17.04	16.91		
20	64QAM	50	50	16.95	17.06	16.95		
20	64QAM	100	0	17.04	17.00	17.04		
20	256QAM	1	0	15.49	15.60	15.49	16.8	1
20	256QAM	1	49	15.44	15.52	15.43		
20	256QAM	1	99	15.43	15.55	15.52		
20	256QAM	50	0	15.41	15.47	15.35	16.8	1
20	256QAM	50	24	15.35	15.49	15.34		
20	256QAM	50	50	15.36	15.51	15.43		
20	256QAM	100	0	15.43	15.58	15.53		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.98	16.99	17.01	17.8	0
15	QPSK	1	37	16.95	16.95	16.78		
15	QPSK	1	74	16.99	16.82	16.97		
15	QPSK	36	0	17.00	17.01	16.85	17.8	0
15	QPSK	36	20	16.85	17.02	16.77		
15	QPSK	36	39	16.93	16.88	16.83		
15	QPSK	75	0	17.00	16.92	16.81		
15	16QAM	1	0	16.94	16.82	16.94	17.8	0
15	16QAM	1	37	16.88	16.90	16.89		
15	16QAM	1	74	16.97	16.96	16.91		
15	16QAM	36	0	16.93	16.90	16.93	17.8	0
15	16QAM	36	20	16.88	16.90	16.82		
15	16QAM	36	39	16.92	16.96	16.97		
15	16QAM	75	0	16.98	16.92	16.85		
15	64QAM	1	0	16.93	16.96	16.96	17.8	0
15	64QAM	1	37	16.87	16.82	16.83		
15	64QAM	1	74	17.01	16.99	16.86		
15	64QAM	36	0	16.96	16.96	16.77	17.8	0
15	64QAM	36	20	16.88	16.99	16.81		
15	64QAM	36	39	16.80	17.00	16.89		
15	64QAM	75	0	17.02	16.96	16.98		
15	256QAM	1	0	15.43	15.52	15.46	16.8	1
15	256QAM	1	37	15.36	15.38	15.38		
15	256QAM	1	74	15.32	15.52	15.48		
15	256QAM	36	0	15.35	15.46	15.34	16.8	1
15	256QAM	36	20	15.32	15.39	15.20		
15	256QAM	36	39	15.22	15.39	15.42		
15	256QAM	75	0	15.29	15.47	15.49		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.02	17.00	16.98	17.8	0
10	QPSK	1	25	16.84	16.85	16.86		
10	QPSK	1	49	16.91	16.91	16.87		
10	QPSK	25	0	16.94	17.02	16.92	17.8	0
10	QPSK	25	12	16.91	16.99	16.87		
10	QPSK	25	25	16.94	16.83	16.79		
10	QPSK	50	0	16.92	16.99	16.89		
10	16QAM	1	0	16.93	16.85	16.86	17.8	0
10	16QAM	1	25	16.83	16.91	16.88		
10	16QAM	1	49	16.87	17.00	16.96		
10	16QAM	25	0	16.99	16.92	16.97	17.8	0
10	16QAM	25	12	16.90	16.86	16.89		
10	16QAM	25	25	16.85	16.97	16.90		
10	16QAM	50	0	16.96	16.95	16.85		
10	64QAM	1	0	16.91	16.90	16.91	17.8	0
10	64QAM	1	25	16.93	16.89	16.92		
10	64QAM	1	49	16.90	16.99	16.90		
10	64QAM	25	0	17.01	17.05	16.79	17.8	0
10	64QAM	25	12	16.81	16.91	16.90		
10	64QAM	25	25	16.85	17.04	16.93		
10	64QAM	50	0	16.89	16.93	16.90		
10	256QAM	1	0	15.40	15.59	15.42	16.8	1
10	256QAM	1	25	15.31	15.42	15.34		
10	256QAM	1	49	15.40	15.45	15.37		
10	256QAM	25	0	15.36	15.35	15.26	16.8	1
10	256QAM	25	12	15.31	15.38	15.31		
10	256QAM	25	25	15.34	15.50	15.36		
10	256QAM	50	0	15.29	15.55	15.38		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.93	17.02	17.00	17.8	0
5	QPSK	1	12	16.93	16.97	16.91		
5	QPSK	1	24	16.95	16.95	16.87		
5	QPSK	12	0	16.98	17.04	16.88	17.8	0
5	QPSK	12	7	16.91	16.90	16.89		
5	QPSK	12	13	17.01	16.86	16.82		
5	QPSK	25	0	17.03	17.00	16.90		
5	16QAM	1	0	16.82	16.82	16.87	17.8	0
5	16QAM	1	12	16.86	16.93	16.97		
5	16QAM	1	24	16.92	17.03	16.96		
5	16QAM	12	0	17.00	17.00	17.00	17.8	0
5	16QAM	12	7	16.87	16.90	16.80		
5	16QAM	12	13	16.83	16.95	16.99		
5	16QAM	25	0	16.91	16.90	16.83		
5	64QAM	1	0	16.93	16.92	16.99	17.8	0
5	64QAM	1	12	16.92	16.86	16.88		
5	64QAM	1	24	16.90	17.02	16.80		
5	64QAM	12	0	16.98	17.04	16.81	17.8	0
5	64QAM	12	7	16.93	16.96	16.77		
5	64QAM	12	13	16.83	16.91	16.86		
5	64QAM	25	0	16.90	16.88	16.99		
5	256QAM	1	0	15.36	15.49	15.40	16.8	1
5	256QAM	1	12	15.38	15.49	15.31		
5	256QAM	1	24	15.28	15.46	15.47		
5	256QAM	12	0	15.32	15.40	15.25	16.8	1
5	256QAM	12	7	15.33	15.34	15.20		
5	256QAM	12	13	15.29	15.42	15.37		
5	256QAM	25	0	15.38	15.52	15.40		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.99	17.08	16.93	17.8	0
3	QPSK	1	8	16.83	16.95	16.84		
3	QPSK	1	14	16.96	16.90	16.93		
3	QPSK	8	0	16.95	16.99	16.88	17.8	0
3	QPSK	8	4	16.94	16.90	16.76		
3	QPSK	8	7	16.96	16.82	16.80		
3	QPSK	15	0	16.90	16.94	16.79		
3	16QAM	1	0	16.95	16.92	16.90	17.8	0
3	16QAM	1	8	16.94	16.96	16.93		
3	16QAM	1	14	16.84	16.99	16.87		
3	16QAM	8	0	17.06	16.96	16.92	17.8	0
3	16QAM	8	4	16.92	16.97	16.89		
3	16QAM	8	7	16.80	16.88	17.01		
3	16QAM	15	0	16.90	16.86	16.82		
3	64QAM	1	0	16.93	16.84	16.97	17.8	0
3	64QAM	1	8	16.90	16.85	16.93		
3	64QAM	1	14	16.97	16.95	16.90		
3	64QAM	8	0	17.01	16.92	16.82	17.8	0
3	64QAM	8	4	16.95	17.03	16.87		
3	64QAM	8	7	16.83	17.00	16.85		
3	64QAM	15	0	16.98	16.92	16.96		
3	256QAM	1	0	15.39	15.56	15.45	16.8	1
3	256QAM	1	8	15.38	15.39	15.37		
3	256QAM	1	14	15.30	15.48	15.51		
3	256QAM	8	0	15.32	15.45	15.33	16.8	1
3	256QAM	8	4	15.32	15.43	15.21		
3	256QAM	8	7	15.26	15.42	15.40		
3	256QAM	15	0	15.28	15.52	15.42		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.03	16.98	17.01	17.8	0
1.4	QPSK	1	3	16.95	16.90	16.89		
1.4	QPSK	1	5	16.95	16.92	16.93		
1.4	QPSK	3	0	16.96	16.98	16.85		
1.4	QPSK	3	1	16.87	16.93	16.78		
1.4	QPSK	3	3	16.87	16.86	16.85		
1.4	QPSK	6	0	16.94	16.97	16.89	17.8	0
1.4	16QAM	1	0	16.84	16.92	16.99	17.8	0
1.4	16QAM	1	3	16.93	17.01	16.96		
1.4	16QAM	1	5	16.86	16.95	16.86		
1.4	16QAM	3	0	17.02	16.92	17.01		
1.4	16QAM	3	1	16.94	16.89	16.87		
1.4	16QAM	3	3	16.91	16.89	17.01		
1.4	16QAM	6	0	16.90	16.92	16.88	17.8	0
1.4	64QAM	1	0	16.90	16.91	16.95	17.8	0
1.4	64QAM	1	3	16.94	16.85	16.82		
1.4	64QAM	1	5	17.02	17.04	16.76		
1.4	64QAM	3	0	16.96	16.98	16.81		
1.4	64QAM	3	1	16.87	16.99	16.76		
1.4	64QAM	3	3	16.94	17.02	16.83		
1.4	64QAM	6	0	16.98	16.91	16.95	17.8	0
1.4	256QAM	1	0	15.41	15.52	15.38	16.8	1
1.4	256QAM	1	3	15.35	15.39	15.32		
1.4	256QAM	1	5	15.40	15.48	15.47		
1.4	256QAM	3	0	15.29	15.46	15.20		
1.4	256QAM	3	1	15.26	15.35	15.26		
1.4	256QAM	3	3	15.35	15.39	15.30		
1.4	256QAM	6	0	15.36	15.52	15.52	16.8	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.00	23.10	23.03	24	0
10	QPSK	1	25	22.91	23.02	22.98		
10	QPSK	1	49	22.89	23.03	22.90		
10	QPSK	25	0	22.99	23.08	23.00	24	0
10	QPSK	25	12	22.98	22.96	22.90		
10	QPSK	25	25	22.85	23.03	22.93		
10	QPSK	50	0	22.95	23.05	22.94		
10	16QAM	1	0	22.93	23.03	22.92	24	0
10	16QAM	1	25	22.98	22.95	23.02		
10	16QAM	1	49	22.99	22.93	22.89		
10	16QAM	25	0	22.93	22.98	23.05	24	0
10	16QAM	25	12	23.03	23.03	23.01		
10	16QAM	25	25	22.92	23.03	22.91		
10	16QAM	50	0	23.00	23.08	22.95		
10	64QAM	1	0	22.60	22.43	22.53	24	0
10	64QAM	1	25	22.68	22.64	22.51		
10	64QAM	1	49	22.65	22.65	22.49		
10	64QAM	25	0	21.84	21.97	22.00	23	1
10	64QAM	25	12	22.00	21.97	22.00		
10	64QAM	25	25	21.96	21.98	21.84		
10	64QAM	50	0	21.99	22.01	21.90		
10	256QAM	1	0	18.62	18.66	18.54	20	4
10	256QAM	1	25	18.62	18.63	18.52		
10	256QAM	1	49	18.55	18.57	18.46		
10	256QAM	25	0	18.44	18.59	18.55	20	4
10	256QAM	25	12	18.49	18.52	18.42		
10	256QAM	25	25	18.47	18.57	18.44		
10	256QAM	50	0	18.52	18.62	18.50		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.85	22.99	22.96	24	0
5	QPSK	1	12	22.83	22.99	22.97		
5	QPSK	1	24	22.78	23.02	22.77		
5	QPSK	12	0	22.91	23.03	22.97	24	0
5	QPSK	12	7	22.85	22.81	22.79		
5	QPSK	12	13	22.75	22.91	22.92		
5	QPSK	25	0	22.80	22.94	22.89		
5	16QAM	1	0	22.82	22.93	22.90	24	0
5	16QAM	1	12	22.90	22.82	22.90		
5	16QAM	1	24	22.84	22.89	22.88		
5	16QAM	12	0	22.78	22.92	23.02	24	0
5	16QAM	12	7	22.93	22.95	22.90		
5	16QAM	12	13	22.79	22.94	22.80		
5	16QAM	25	0	22.92	23.05	22.83		
5	64QAM	1	0	22.49	22.34	22.38	24	0
5	64QAM	1	12	22.67	22.59	22.40		
5	64QAM	1	24	22.54	22.64	22.39		
5	64QAM	12	0	21.74	21.89	21.88	23	1
5	64QAM	12	7	21.87	21.86	21.90		
5	64QAM	12	13	21.94	21.96	21.76		
5	64QAM	25	0	21.87	21.96	21.87		
5	256QAM	1	0	18.48	18.54	18.43	20	4
5	256QAM	1	12	18.55	18.60	18.40		
5	256QAM	1	24	18.44	18.51	18.36		
5	256QAM	12	0	18.30	18.55	18.40	20	4
5	256QAM	12	7	18.42	18.37	18.31		
5	256QAM	12	13	18.43	18.42	18.39		
5	256QAM	25	0	18.45	18.52	18.46		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.97	23.03	23.01	24	0
3	QPSK	1	8	22.76	22.96	22.83		
3	QPSK	1	14	22.78	23.01	22.77		
3	QPSK	8	0	22.98	23.07	22.95	24	0
3	QPSK	8	4	22.84	22.88	22.87		
3	QPSK	8	7	22.74	22.93	22.85		
3	QPSK	15	0	22.93	23.03	22.80		
3	16QAM	1	0	22.87	22.94	22.88	24	0
3	16QAM	1	8	22.95	22.83	22.95		
3	16QAM	1	14	22.97	22.78	22.77		
3	16QAM	8	0	22.85	22.83	23.04	24	0
3	16QAM	8	4	22.97	22.98	22.96		
3	16QAM	8	7	22.79	22.89	22.85		
3	16QAM	15	0	22.98	23.06	22.82		
3	64QAM	1	0	22.45	22.34	22.47	24	0
3	64QAM	1	8	22.58	22.62	22.50		
3	64QAM	1	14	22.57	22.60	22.38		
3	64QAM	8	0	21.75	21.85	21.98	23	1
3	64QAM	8	4	21.86	21.86	21.94		
3	64QAM	8	7	21.85	21.87	21.75		
3	64QAM	15	0	21.96	21.91	21.76		
3	256QAM	1	0	18.49	18.63	18.49	20	4
3	256QAM	1	8	18.55	18.58	18.42		
3	256QAM	1	14	18.54	18.46	18.44		
3	256QAM	8	0	18.41	18.47	18.52	20	4
3	256QAM	8	4	18.35	18.43	18.37		
3	256QAM	8	7	18.39	18.47	18.40		
3	256QAM	15	0	18.41	18.57	18.47		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.88	22.98	22.92	24	0
1.4	QPSK	1	3	22.85	23.01	22.88		
1.4	QPSK	1	5	22.84	22.91	22.77		
1.4	QPSK	3	0	22.91	23.09	22.89		
1.4	QPSK	3	1	22.87	22.99	22.96		
1.4	QPSK	3	3	22.81	22.89	22.80		
1.4	QPSK	6	0	22.89	22.93	22.95	24	0
1.4	16QAM	1	0	22.84	22.93	22.85	24	0
1.4	16QAM	1	3	22.84	22.96	22.79		
1.4	16QAM	1	5	22.81	22.99	22.84		
1.4	16QAM	3	0	22.86	22.90	22.91		
1.4	16QAM	3	1	22.87	22.85	22.99		
1.4	16QAM	3	3	22.93	22.80	22.77		
1.4	16QAM	6	0	22.87	23.02	22.90	24	0
1.4	64QAM	1	0	22.56	22.38	22.45	24	0
1.4	64QAM	1	3	22.63	22.58	22.44		
1.4	64QAM	1	5	22.55	22.61	22.48		
1.4	64QAM	3	0	22.52	22.28	22.49		
1.4	64QAM	3	1	22.64	22.49	22.41		
1.4	64QAM	3	3	22.50	22.63	22.44		
1.4	64QAM	6	0	21.98	21.93	21.85	23	1
1.4	256QAM	1	0	18.54	18.54	18.45	20	4
1.4	256QAM	1	3	18.55	18.49	18.38		
1.4	256QAM	1	5	18.54	18.54	18.40		
1.4	256QAM	3	0	18.36	18.44	18.53		
1.4	256QAM	3	1	18.38	18.48	18.35		
1.4	256QAM	3	3	18.39	18.56	18.29		
1.4	256QAM	6	0	18.46	18.58	18.49	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	18.96	19.00	18.99	20	0
10	QPSK	1	25	18.94	18.94	18.91		
10	QPSK	1	49	18.93	18.97	18.92		
10	QPSK	25	0	18.93	18.98	18.97	20	0
10	QPSK	25	12	18.90	18.85	18.95		
10	QPSK	25	25	18.86	18.95	18.95		
10	QPSK	50	0	18.90	18.96	18.84		
10	16QAM	1	0	18.82	18.85	18.93	20	0
10	16QAM	1	25	18.84	18.93	18.89		
10	16QAM	1	49	18.83	18.96	18.97		
10	16QAM	25	0	18.92	18.98	18.84	20	0
10	16QAM	25	12	18.85	18.94	18.85		
10	16QAM	25	25	18.89	18.85	18.87		
10	16QAM	50	0	18.86	18.89	18.87		
10	64QAM	1	0	18.82	18.99	18.95	20	0
10	64QAM	1	25	18.94	18.87	18.92		
10	64QAM	1	49	18.91	18.98	18.88		
10	64QAM	25	0	18.81	18.85	18.95	20	0
10	64QAM	25	12	18.87	18.89	18.98		
10	64QAM	25	25	18.93	18.99	18.88		
10	64QAM	50	0	18.84	18.94	18.94		
10	256QAM	1	0	18.31	18.35	18.25	19.5	0.5
10	256QAM	1	25	18.21	18.32	18.29		
10	256QAM	1	49	18.24	18.30	18.15		
10	256QAM	25	0	18.14	18.24	18.23	19.5	0.5
10	256QAM	25	12	18.13	18.21	18.16		
10	256QAM	25	25	18.28	18.30	18.29		
10	256QAM	50	0	18.23	18.31	18.30		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	18.92	18.94	18.96	20	0
5	QPSK	1	12	18.83	18.88	18.87		
5	QPSK	1	24	18.86	18.95	18.85		
5	QPSK	12	0	18.82	18.90	18.90	20	0
5	QPSK	12	7	18.81	18.73	18.92		
5	QPSK	12	13	18.71	18.84	18.83		
5	QPSK	25	0	18.76	18.86	18.74		
5	16QAM	1	0	18.80	18.80	18.79	20	0
5	16QAM	1	12	18.80	18.90	18.78		
5	16QAM	1	24	18.80	18.81	18.86		
5	16QAM	12	0	18.87	18.87	18.78	20	0
5	16QAM	12	7	18.84	18.93	18.79		
5	16QAM	12	13	18.85	18.75	18.74		
5	16QAM	25	0	18.84	18.75	18.81		
5	64QAM	1	0	18.68	18.87	18.80	20	0
5	64QAM	1	12	18.83	18.74	18.86		
5	64QAM	1	24	18.81	18.97	18.78		
5	64QAM	12	0	18.70	18.77	18.86	20	0
5	64QAM	12	7	18.81	18.77	18.92		
5	64QAM	12	13	18.92	18.93	18.86		
5	64QAM	25	0	18.81	18.82	18.80		
5	256QAM	1	0	18.25	18.23	18.19	19.5	0.5
5	256QAM	1	12	18.20	18.21	18.22		
5	256QAM	1	24	18.17	18.27	18.03		
5	256QAM	12	0	18.12	18.12	18.20	19.5	0.5
5	256QAM	12	7	18.03	18.13	18.05		
5	256QAM	12	13	18.19	18.23	18.24		
5	256QAM	25	0	18.09	18.16	18.15		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	18.87	18.85	18.97	20	0
3	QPSK	1	8	18.90	18.90	18.82		
3	QPSK	1	14	18.91	18.93	18.80		
3	QPSK	8	0	18.85	18.86	18.90	20	0
3	QPSK	8	4	18.80	18.71	18.92		
3	QPSK	8	7	18.82	18.94	18.89		
3	QPSK	15	0	18.83	18.81	18.83		
3	16QAM	1	0	18.79	18.83	18.90	20	0
3	16QAM	1	8	18.70	18.84	18.86		
3	16QAM	1	14	18.78	18.81	18.85		
3	16QAM	8	0	18.79	18.85	18.81	20	0
3	16QAM	8	4	18.73	18.79	18.76		
3	16QAM	8	7	18.84	18.75	18.74		
3	16QAM	15	0	18.72	18.82	18.76		
3	64QAM	1	0	18.76	18.84	18.91	20	0
3	64QAM	1	8	18.92	18.86	18.85		
3	64QAM	1	14	18.87	18.87	18.87		
3	64QAM	8	0	18.75	18.71	18.89	20	0
3	64QAM	8	4	18.85	18.80	18.87		
3	64QAM	8	7	18.91	18.95	18.74		
3	64QAM	15	0	18.83	18.82	18.80		
3	256QAM	1	0	18.18	18.32	18.15	19.5	0.5
3	256QAM	1	8	18.13	18.20	18.14		
3	256QAM	1	14	18.18	18.27	18.02		
3	256QAM	8	0	18.06	18.10	18.12	19.5	0.5
3	256QAM	8	4	18.04	18.19	18.09		
3	256QAM	8	7	18.24	18.22	18.24		
3	256QAM	15	0	18.13	18.24	18.24		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	18.89	18.95	18.84	20	0
1.4	QPSK	1	3	18.85	18.93	18.88		
1.4	QPSK	1	5	18.89	18.85	18.89		
1.4	QPSK	3	0	18.80	18.89	18.84		
1.4	QPSK	3	1	18.76	18.83	18.91		
1.4	QPSK	3	3	18.72	18.88	18.80		
1.4	QPSK	6	0	18.85	18.84	18.80	20	0
1.4	16QAM	1	0	18.69	18.70	18.83	20	0
1.4	16QAM	1	3	18.78	18.89	18.78		
1.4	16QAM	1	5	18.77	18.92	18.96		
1.4	16QAM	3	0	18.77	18.95	18.69		
1.4	16QAM	3	1	18.70	18.82	18.81		
1.4	16QAM	3	3	18.76	18.72	18.72		
1.4	16QAM	6	0	18.82	18.74	18.76	20	0
1.4	64QAM	1	0	18.80	18.89	18.94	20	0
1.4	64QAM	1	3	18.79	18.76	18.78		
1.4	64QAM	1	5	18.90	18.92	18.74		
1.4	64QAM	3	0	18.79	18.75	18.86		
1.4	64QAM	3	1	18.72	18.74	18.89		
1.4	64QAM	3	3	18.90	18.94	18.75		
1.4	64QAM	6	0	18.73	18.84	18.86	20	0
1.4	256QAM	1	0	18.24	18.30	18.24	19.5	0.5
1.4	256QAM	1	3	18.10	18.25	18.24		
1.4	256QAM	1	5	18.15	18.26	18.05		
1.4	256QAM	3	0	18.02	18.10	18.09		
1.4	256QAM	3	1	18.09	18.08	18.02		
1.4	256QAM	3	3	18.25	18.23	18.26		
1.4	256QAM	6	0	18.16	18.23	18.20	19.5	0.5

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	18.82	18.88	18.80	19.5	0
20	QPSK	1	49	18.69	18.79	18.67		
20	QPSK	1	99	18.72	18.80	18.76		
20	QPSK	50	0	18.76	18.84	18.77	19.5	0
20	QPSK	50	24	18.74	18.78	18.72		
20	QPSK	50	50	18.73	18.73	18.69		
20	QPSK	100	0	18.67	18.83	18.76		
20	16QAM	1	0	18.67	18.73	18.73	19.5	0
20	16QAM	1	49	18.81	18.75	18.75		
20	16QAM	1	99	18.77	18.80	18.76		
20	16QAM	50	0	18.73	18.80	18.67	19.5	0
20	16QAM	50	24	18.78	18.85	18.66		
20	16QAM	50	50	18.75	18.80	18.70		
20	16QAM	100	0	18.79	18.80	18.78		
20	64QAM	1	0	18.77	18.75	18.73	19.5	0
20	64QAM	1	49	18.73	18.79	18.77		
20	64QAM	1	99	18.74	18.78	18.79		
20	64QAM	50	0	18.74	18.83	18.70	19.5	0
20	64QAM	50	24	18.69	18.79	18.75		
20	64QAM	50	50	18.67	18.78	18.69		
20	64QAM	100	0	18.80	18.79	18.67		
20	256QAM	1	0	18.74	18.82	18.78	19.5	0
20	256QAM	1	49	18.80	18.86	18.72		
20	256QAM	1	99	18.71	18.79	18.69		
20	256QAM	50	0	18.70	18.78	18.68	19.5	0
20	256QAM	50	24	18.74	18.76	18.70		
20	256QAM	50	50	18.67	18.80	18.72		
20	256QAM	100	0	18.73	18.83	18.76		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.76	18.77	18.66	19.5	0
15	QPSK	1	37	18.56	18.76	18.63		
15	QPSK	1	74	18.61	18.78	18.67		
15	QPSK	36	0	18.71	18.78	18.62	19.5	0
15	QPSK	36	20	18.68	18.76	18.63		
15	QPSK	36	39	18.67	18.61	18.68		
15	QPSK	75	0	18.62	18.76	18.65		
15	16QAM	1	0	18.56	18.66	18.63	19.5	0
15	16QAM	1	37	18.70	18.73	18.71		
15	16QAM	1	74	18.73	18.67	18.63		
15	16QAM	36	0	18.68	18.77	18.66	19.5	0
15	16QAM	36	20	18.67	18.81	18.58		
15	16QAM	36	39	18.61	18.79	18.61		
15	16QAM	75	0	18.67	18.76	18.69		
15	64QAM	1	0	18.73	18.68	18.63	19.5	0
15	64QAM	1	37	18.62	18.74	18.66		
15	64QAM	1	74	18.64	18.67	18.70		
15	64QAM	36	0	18.61	18.69	18.66	19.5	0
15	64QAM	36	20	18.59	18.74	18.70		
15	64QAM	36	39	18.52	18.77	18.65		
15	64QAM	75	0	18.78	18.67	18.61		
15	256QAM	1	0	18.67	18.80	18.75	19.5	0
15	256QAM	1	37	18.74	18.71	18.67		
15	256QAM	1	74	18.66	18.77	18.61		
15	256QAM	36	0	18.60	18.71	18.65	19.5	0
15	256QAM	36	20	18.71	18.61	18.64		
15	256QAM	36	39	18.60	18.66	18.61		
15	256QAM	75	0	18.67	18.82	18.63		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.81	18.87	18.67	19.5	0
10	QPSK	1	25	18.64	18.65	18.52		
10	QPSK	1	49	18.58	18.75	18.72		
10	QPSK	25	0	18.61	18.83	18.64	19.5	0
10	QPSK	25	12	18.62	18.74	18.67		
10	QPSK	25	25	18.62	18.61	18.56		
10	QPSK	50	0	18.56	18.68	18.67		
10	16QAM	1	0	18.66	18.66	18.61	19.5	0
10	16QAM	1	25	18.77	18.72	18.71		
10	16QAM	1	49	18.67	18.71	18.61		
10	16QAM	25	0	18.71	18.73	18.52	19.5	0
10	16QAM	25	12	18.67	18.81	18.59		
10	16QAM	25	25	18.73	18.66	18.69		
10	16QAM	50	0	18.67	18.66	18.67		
10	64QAM	1	0	18.62	18.69	18.67	19.5	0
10	64QAM	1	25	18.70	18.72	18.75		
10	64QAM	1	49	18.65	18.76	18.66		
10	64QAM	25	0	18.61	18.81	18.60	19.5	0
10	64QAM	25	12	18.60	18.74	18.62		
10	64QAM	25	25	18.66	18.66	18.56		
10	64QAM	50	0	18.76	18.65	18.55		
10	256QAM	1	0	18.66	18.77	18.75	19.5	0
10	256QAM	1	25	18.71	18.77	18.62		
10	256QAM	1	49	18.68	18.67	18.56		
10	256QAM	25	0	18.59	18.71	18.60	19.5	0
10	256QAM	25	12	18.67	18.74	18.59		
10	256QAM	25	25	18.65	18.74	18.71		
10	256QAM	50	0	18.59	18.72	18.73		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.77	18.82	18.77	19.5	0
5	QPSK	1	12	18.64	18.75	18.62		
5	QPSK	1	24	18.66	18.73	18.64		
5	QPSK	12	0	18.74	18.79	18.75	19.5	0
5	QPSK	12	7	18.73	18.70	18.64		
5	QPSK	12	13	18.72	18.70	18.57		
5	QPSK	25	0	18.65	18.70	18.68		
5	16QAM	1	0	18.65	18.68	18.72	19.5	0
5	16QAM	1	12	18.79	18.60	18.66		
5	16QAM	1	24	18.68	18.65	18.63		
5	16QAM	12	0	18.72	18.67	18.54	19.5	0
5	16QAM	12	7	18.76	18.72	18.57		
5	16QAM	12	13	18.73	18.71	18.61		
5	16QAM	25	0	18.77	18.66	18.70		
5	64QAM	1	0	18.67	18.72	18.65	19.5	0
5	64QAM	1	12	18.60	18.77	18.64		
5	64QAM	1	24	18.61	18.65	18.65		
5	64QAM	12	0	18.63	18.81	18.61	19.5	0
5	64QAM	12	7	18.59	18.66	18.64		
5	64QAM	12	13	18.60	18.69	18.57		
5	64QAM	25	0	18.72	18.78	18.66		
5	256QAM	1	0	18.65	18.79	18.72	19.5	0
5	256QAM	1	12	18.68	18.78	18.70		
5	256QAM	1	24	18.69	18.67	18.60		
5	256QAM	12	0	18.55	18.71	18.55	19.5	0
5	256QAM	12	7	18.71	18.72	18.67		
5	256QAM	12	13	18.63	18.75	18.71		
5	256QAM	25	0	18.65	18.75	18.73		

Band 7_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.36	16.58	16.50	17.5	0
20	QPSK	1	49	16.30	16.43	16.45		
20	QPSK	1	99	16.26	16.51	16.44		
20	QPSK	50	0	16.35	16.57	16.48	17.5	0
20	QPSK	50	24	16.29	16.45	16.47		
20	QPSK	50	50	16.30	16.49	16.44		
20	QPSK	100	0	16.22	16.53	16.40		
20	16QAM	1	0	16.29	16.51	16.38	17.5	0
20	16QAM	1	49	16.24	16.49	16.40		
20	16QAM	1	99	16.35	16.57	16.36		
20	16QAM	50	0	16.23	16.55	16.35	17.5	0
20	16QAM	50	24	16.35	16.54	16.37		
20	16QAM	50	50	16.25	16.44	16.39		
20	16QAM	100	0	16.23	16.44	16.37		
20	64QAM	1	0	16.33	16.44	16.38	17.5	0
20	64QAM	1	49	16.24	16.47	16.46		
20	64QAM	1	99	16.31	16.57	16.49		
20	64QAM	50	0	16.30	16.54	16.46	17.5	0
20	64QAM	50	24	16.34	16.44	16.41		
20	64QAM	50	50	16.29	16.56	16.47		
20	64QAM	100	0	16.33	16.52	16.43		
20	256QAM	1	0	16.22	16.57	16.39	17.5	0
20	256QAM	1	49	16.34	16.56	16.36		
20	256QAM	1	99	16.32	16.56	16.35		
20	256QAM	50	0	16.34	16.43	16.45	17.5	0
20	256QAM	50	24	16.21	16.47	16.35		
20	256QAM	50	50	16.33	16.50	16.39		
20	256QAM	100	0	16.22	16.43	16.44		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.25	16.57	16.43	17.5	0
15	QPSK	1	37	16.18	16.42	16.33		
15	QPSK	1	74	16.11	16.37	16.32		
15	QPSK	36	0	16.26	16.53	16.38	17.5	0
15	QPSK	36	20	16.16	16.35	16.37		
15	QPSK	36	39	16.22	16.35	16.32		
15	QPSK	75	0	16.16	16.38	16.28		
15	16QAM	1	0	16.28	16.37	16.33	17.5	0
15	16QAM	1	37	16.19	16.47	16.38		
15	16QAM	1	74	16.34	16.49	16.34		
15	16QAM	36	0	16.22	16.53	16.24	17.5	0
15	16QAM	36	20	16.20	16.43	16.27		
15	16QAM	36	39	16.19	16.30	16.25		
15	16QAM	75	0	16.19	16.40	16.31		
15	64QAM	1	0	16.29	16.32	16.35	17.5	0
15	64QAM	1	37	16.20	16.40	16.39		
15	64QAM	1	74	16.24	16.45	16.42		
15	64QAM	36	0	16.18	16.42	16.35	17.5	0
15	64QAM	36	20	16.22	16.40	16.39		
15	64QAM	36	39	16.17	16.50	16.35		
15	64QAM	75	0	16.31	16.42	16.41		
15	256QAM	1	0	16.13	16.48	16.24	17.5	0
15	256QAM	1	37	16.20	16.50	16.33		
15	256QAM	1	74	16.20	16.42	16.27		
15	256QAM	36	0	16.24	16.35	16.34	17.5	0
15	256QAM	36	20	16.15	16.36	16.28		
15	256QAM	36	39	16.25	16.49	16.33		
15	256QAM	75	0	16.15	16.30	16.41		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.32	16.54	16.43	17.5	0
10	QPSK	1	25	16.24	16.34	16.40		
10	QPSK	1	49	16.17	16.44	16.30		
10	QPSK	25	0	16.25	16.50	16.34	17.5	0
10	QPSK	25	12	16.22	16.44	16.45		
10	QPSK	25	25	16.24	16.40	16.34		
10	QPSK	50	0	16.17	16.40	16.36		
10	16QAM	1	0	16.19	16.39	16.28	17.5	0
10	16QAM	1	25	16.23	16.45	16.28		
10	16QAM	1	49	16.23	16.42	16.23		
10	16QAM	25	0	16.12	16.51	16.20	17.5	0
10	16QAM	25	12	16.33	16.42	16.30		
10	16QAM	25	25	16.19	16.40	16.24		
10	16QAM	50	0	16.17	16.42	16.33		
10	64QAM	1	0	16.28	16.38	16.33	17.5	0
10	64QAM	1	25	16.11	16.36	16.31		
10	64QAM	1	49	16.18	16.55	16.38		
10	64QAM	25	0	16.25	16.50	16.33	17.5	0
10	64QAM	25	12	16.28	16.29	16.38		
10	64QAM	25	25	16.20	16.54	16.38		
10	64QAM	50	0	16.18	16.46	16.37		
10	256QAM	1	0	16.11	16.46	16.35	17.5	0
10	256QAM	1	25	16.30	16.45	16.29		
10	256QAM	1	49	16.28	16.49	16.33		
10	256QAM	25	0	16.33	16.41	16.34	17.5	0
10	256QAM	25	12	16.13	16.45	16.26		
10	256QAM	25	25	16.31	16.39	16.31		
10	256QAM	50	0	16.08	16.33	16.39		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.30	16.52	16.36	17.5	0
5	QPSK	1	12	16.16	16.32	16.38		
5	QPSK	1	24	16.23	16.48	16.40		
5	QPSK	12	0	16.28	16.49	16.34	17.5	0
5	QPSK	12	7	16.22	16.32	16.39		
5	QPSK	12	13	16.17	16.36	16.39		
5	QPSK	25	0	16.07	16.45	16.35		
5	16QAM	1	0	16.26	16.38	16.35	17.5	0
5	16QAM	1	12	16.18	16.44	16.36		
5	16QAM	1	24	16.27	16.54	16.35		
5	16QAM	12	0	16.17	16.41	16.29	17.5	0
5	16QAM	12	7	16.21	16.51	16.29		
5	16QAM	12	13	16.16	16.36	16.25		
5	16QAM	25	0	16.10	16.29	16.24		
5	64QAM	1	0	16.21	16.34	16.33	17.5	0
5	64QAM	1	12	16.17	16.33	16.41		
5	64QAM	1	24	16.17	16.53	16.37		
5	64QAM	12	0	16.19	16.42	16.35	17.5	0
5	64QAM	12	7	16.28	16.42	16.37		
5	64QAM	12	13	16.25	16.53	16.45		
5	64QAM	25	0	16.26	16.45	16.33		
5	256QAM	1	0	16.10	16.52	16.33	17.5	0
5	256QAM	1	12	16.27	16.41	16.27		
5	256QAM	1	24	16.30	16.50	16.33		
5	256QAM	12	0	16.32	16.35	16.43	17.5	0
5	256QAM	12	7	16.09	16.33	16.31		
5	256QAM	12	13	16.22	16.48	16.33		
5	256QAM	25	0	16.20	16.38	16.39		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.80	16.88	16.82	17.4	0
20	QPSK	1	49	16.74	16.76	16.75		
20	QPSK	1	99	16.65	16.87	16.80		
20	QPSK	50	0	16.76	16.85	16.79	17.4	0
20	QPSK	50	24	16.66	16.80	16.69		
20	QPSK	50	50	16.73	16.74	16.76		
20	QPSK	100	0	16.78	16.82	16.75		
20	16QAM	1	0	16.67	16.87	16.78	17.4	0
20	16QAM	1	49	16.78	16.78	16.77		
20	16QAM	1	99	16.74	16.75	16.69		
20	16QAM	50	0	16.68	16.75	16.79	17.4	0
20	16QAM	50	24	16.68	16.85	16.70		
20	16QAM	50	50	16.75	16.74	16.67		
20	16QAM	100	0	16.67	16.74	16.73		
20	64QAM	1	0	16.77	16.86	16.74	17.4	0
20	64QAM	1	49	16.68	16.80	16.68		
20	64QAM	1	99	16.70	16.75	16.75		
20	64QAM	50	0	16.71	16.83	16.81	17.4	0
20	64QAM	50	24	16.68	16.75	16.79		
20	64QAM	50	50	16.68	16.85	16.81		
20	64QAM	100	0	16.71	16.84	16.70		
20	256QAM	1	0	16.78	16.78	16.78	17.4	0
20	256QAM	1	49	16.65	16.75	16.72		
20	256QAM	1	99	16.72	16.80	16.68		
20	256QAM	50	0	16.76	16.73	16.71	17.4	0
20	256QAM	50	24	16.76	16.82	16.73		
20	256QAM	50	50	16.68	16.73	16.79		
20	256QAM	100	0	16.71	16.73	16.80		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.76	16.86	16.79	17.4	0
15	QPSK	1	37	16.67	16.65	16.74		
15	QPSK	1	74	16.56	16.83	16.69		
15	QPSK	36	0	16.64	16.81	16.73	17.4	0
15	QPSK	36	20	16.61	16.75	16.64		
15	QPSK	36	39	16.62	16.69	16.63		
15	QPSK	75	0	16.69	16.80	16.65		
15	16QAM	1	0	16.66	16.74	16.70	17.4	0
15	16QAM	1	37	16.66	16.77	16.63		
15	16QAM	1	74	16.61	16.63	16.62		
15	16QAM	36	0	16.61	16.67	16.76	17.4	0
15	16QAM	36	20	16.61	16.74	16.64		
15	16QAM	36	39	16.64	16.69	16.59		
15	16QAM	75	0	16.63	16.62	16.72		
15	64QAM	1	0	16.64	16.76	16.61	17.4	0
15	64QAM	1	37	16.55	16.68	16.63		
15	64QAM	1	74	16.59	16.62	16.72		
15	64QAM	36	0	16.66	16.70	16.75	17.4	0
15	64QAM	36	20	16.56	16.63	16.71		
15	64QAM	36	39	16.53	16.72	16.76		
15	64QAM	75	0	16.60	16.76	16.58		
15	256QAM	1	0	16.75	16.74	16.63	17.4	0
15	256QAM	1	37	16.58	16.74	16.58		
15	256QAM	1	74	16.65	16.65	16.63		
15	256QAM	36	0	16.71	16.58	16.57	17.4	0
15	256QAM	36	20	16.70	16.80	16.63		
15	256QAM	36	39	16.54	16.64	16.72		
15	256QAM	75	0	16.57	16.64	16.66		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.76	16.83	16.74	17.4	0
10	QPSK	1	25	16.59	16.63	16.72		
10	QPSK	1	49	16.64	16.83	16.70		
10	QPSK	25	0	16.70	16.77	16.65	17.4	0
10	QPSK	25	12	16.54	16.74	16.58		
10	QPSK	25	25	16.59	16.71	16.71		
10	QPSK	50	0	16.76	16.69	16.69		
10	16QAM	1	0	16.54	16.81	16.71	17.4	0
10	16QAM	1	25	16.71	16.72	16.70		
10	16QAM	1	49	16.69	16.62	16.55		
10	16QAM	25	0	16.63	16.67	16.75	17.4	0
10	16QAM	25	12	16.59	16.79	16.57		
10	16QAM	25	25	16.71	16.65	16.58		
10	16QAM	50	0	16.59	16.70	16.59		
10	64QAM	1	0	16.72	16.80	16.65	17.4	0
10	64QAM	1	25	16.56	16.73	16.62		
10	64QAM	1	49	16.62	16.74	16.74		
10	64QAM	25	0	16.69	16.82	16.79	17.4	0
10	64QAM	25	12	16.65	16.65	16.77		
10	64QAM	25	25	16.56	16.76	16.70		
10	64QAM	50	0	16.61	16.71	16.59		
10	256QAM	1	0	16.77	16.73	16.73	17.4	0
10	256QAM	1	25	16.58	16.74	16.71		
10	256QAM	1	49	16.67	16.68	16.61		
10	256QAM	25	0	16.75	16.60	16.67	17.4	0
10	256QAM	25	12	16.68	16.75	16.68		
10	256QAM	25	25	16.59	16.65	16.74		
10	256QAM	50	0	16.58	16.63	16.69		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.71	16.82	16.71	17.4	0
5	QPSK	1	12	16.72	16.72	16.69		
5	QPSK	1	24	16.50	16.83	16.72		
5	QPSK	12	0	16.66	16.82	16.75	17.4	0
5	QPSK	12	7	16.51	16.68	16.65		
5	QPSK	12	13	16.65	16.61	16.70		
5	QPSK	25	0	16.63	16.67	16.66		
5	16QAM	1	0	16.56	16.80	16.76	17.4	0
5	16QAM	1	12	16.72	16.75	16.62		
5	16QAM	1	24	16.63	16.67	16.63		
5	16QAM	12	0	16.64	16.67	16.68	17.4	0
5	16QAM	12	7	16.58	16.80	16.55		
5	16QAM	12	13	16.62	16.70	16.64		
5	16QAM	25	0	16.62	16.62	16.59		
5	64QAM	1	0	16.62	16.82	16.67	17.4	0
5	64QAM	1	12	16.57	16.66	16.64		
5	64QAM	1	24	16.67	16.62	16.67		
5	64QAM	12	0	16.66	16.82	16.76	17.4	0
5	64QAM	12	7	16.62	16.63	16.64		
5	64QAM	12	13	16.56	16.70	16.76		
5	64QAM	25	0	16.57	16.81	16.69		
5	256QAM	1	0	16.74	16.69	16.72	17.4	0
5	256QAM	1	12	16.54	16.73	16.63		
5	256QAM	1	24	16.63	16.77	16.62		
5	256QAM	12	0	16.66	16.62	16.66	17.4	0
5	256QAM	12	7	16.73	16.68	16.70		
5	256QAM	12	13	16.63	16.63	16.78		
5	256QAM	25	0	16.68	16.65	16.68		

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BW [MHz]	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	17.50	18.00	18.30	19	0
20	QPSK	1	49	17.38	17.92	18.16		
20	QPSK	1	99	17.36	17.91	18.17		
20	QPSK	50	0	17.46	17.98	18.28	19	0
20	QPSK	50	24	17.41	17.97	18.23		
20	QPSK	50	50	17.39	17.95	18.26		
20	QPSK	100	0	17.45	17.87	18.23		
20	16QAM	1	0	17.36	17.98	18.23	19	0
20	16QAM	1	49	17.38	17.88	18.27		
20	16QAM	1	99	17.35	17.99	18.28		
20	16QAM	50	0	17.48	17.97	18.23	19	0
20	16QAM	50	24	17.46	17.98	18.17		
20	16QAM	50	50	17.43	17.94	18.29		
20	16QAM	100	0	17.46	17.90	18.23		
20	64QAM	1	0	17.47	17.86	18.26	19	0
20	64QAM	1	49	17.47	17.90	18.23		
20	64QAM	1	99	17.49	17.88	18.24		
20	64QAM	50	0	17.43	17.92	18.16	19	0
20	64QAM	50	24	17.45	17.85	18.16		
20	64QAM	50	50	17.44	17.85	18.18		
20	64QAM	100	0	17.40	17.88	18.28		
20	256QAM	1	0	14.50	14.87	15.17	16	3
20	256QAM	1	49	14.53	14.82	15.14		
20	256QAM	1	99	14.45	14.85	15.07		
20	256QAM	50	0	14.35	14.81	15.05	16	3
20	256QAM	50	24	14.36	14.75	15.05		
20	256QAM	50	50	14.52	14.87	15.15		
20	256QAM	100	0	14.42	14.82	15.08		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.45	17.93	18.25	19	0
15	QPSK	1	37	17.25	17.86	18.02		
15	QPSK	1	74	17.35	17.85	18.10		
15	QPSK	36	0	17.31	17.88	18.15	19	0
15	QPSK	36	20	17.32	17.93	18.19		
15	QPSK	36	39	17.35	17.82	18.25		
15	QPSK	75	0	17.42	17.77	18.08		
15	16QAM	1	0	17.32	17.95	18.15	19	0
15	16QAM	1	37	17.36	17.80	18.22		
15	16QAM	1	74	17.25	17.90	18.19		
15	16QAM	36	0	17.41	17.95	18.12	19	0
15	16QAM	36	20	17.40	17.93	18.11		
15	16QAM	36	39	17.31	17.85	18.27		
15	16QAM	75	0	17.42	17.79	18.19		
15	64QAM	1	0	17.46	17.82	18.14	19	0
15	64QAM	1	37	17.36	17.78	18.13		
15	64QAM	1	74	17.46	17.82	18.13		
15	64QAM	36	0	17.30	17.84	18.07	19	0
15	64QAM	36	20	17.35	17.82	18.15		
15	64QAM	36	39	17.38	17.72	18.17		
15	64QAM	75	0	17.36	17.86	18.18		
15	256QAM	1	0	14.35	14.72	15.09	16	3
15	256QAM	1	37	14.38	14.73	15.04		
15	256QAM	1	74	14.41	14.78	15.02		
15	256QAM	36	0	14.25	14.74	14.93	16	3
15	256QAM	36	20	14.29	14.73	15.02		
15	256QAM	36	39	14.46	14.80	15.13		
15	256QAM	75	0	14.32	14.68	15.01		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.38	17.91	18.18	19	0
10	QPSK	1	25	17.32	17.91	18.02		
10	QPSK	1	49	17.30	17.81	18.08		
10	QPSK	25	0	17.39	17.85	18.18	19	0
10	QPSK	25	12	17.32	17.84	18.12		
10	QPSK	25	25	17.29	17.92	18.25		
10	QPSK	50	0	17.34	17.86	18.10		
10	16QAM	1	0	17.27	17.96	18.11	19	0
10	16QAM	1	25	17.25	17.74	18.15		
10	16QAM	1	49	17.22	17.90	18.13		
10	16QAM	25	0	17.47	17.95	18.10	19	0
10	16QAM	25	12	17.44	17.97	18.04		
10	16QAM	25	25	17.38	17.80	18.14		
10	16QAM	50	0	17.32	17.86	18.21		
10	64QAM	1	0	17.38	17.85	18.25	19	0
10	64QAM	1	25	17.41	17.80	18.18		
10	64QAM	1	49	17.43	17.83	18.21		
10	64QAM	25	0	17.33	17.78	18.06	19	0
10	64QAM	25	12	17.35	17.76	18.10		
10	64QAM	25	25	17.32	17.70	18.14		
10	64QAM	50	0	17.29	17.78	18.22		
10	256QAM	1	0	14.41	14.76	15.03	16	3
10	256QAM	1	25	14.39	14.67	15.08		
10	256QAM	1	49	14.42	14.76	15.03		
10	256QAM	25	0	14.22	14.66	14.97	16	3
10	256QAM	25	12	14.27	14.63	14.97		
10	256QAM	25	25	14.51	14.81	15.05		
10	256QAM	50	0	14.31	14.78	15.05		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.45	17.94	18.23	19	0
5	QPSK	1	12	17.33	17.85	18.09		
5	QPSK	1	24	17.26	17.83	18.12		
5	QPSK	12	0	17.35	17.92	18.22	19	0
5	QPSK	12	7	17.32	17.89	18.11		
5	QPSK	12	13	17.26	17.91	18.17		
5	QPSK	25	0	17.39	17.85	18.22		
5	16QAM	1	0	17.26	17.94	18.11	19	0
5	16QAM	1	12	17.36	17.78	18.13		
5	16QAM	1	24	17.22	17.90	18.26		
5	16QAM	12	0	17.43	17.95	18.10	19	0
5	16QAM	12	7	17.35	17.85	18.02		
5	16QAM	12	13	17.28	17.87	18.19		
5	16QAM	25	0	17.38	17.86	18.19		
5	64QAM	1	0	17.34	17.76	18.23	19	0
5	64QAM	1	12	17.41	17.89	18.09		
5	64QAM	1	24	17.41	17.87	18.18		
5	64QAM	12	0	17.36	17.85	18.05	19	0
5	64QAM	12	7	17.44	17.75	18.15		
5	64QAM	12	13	17.39	17.76	18.11		
5	64QAM	25	0	17.27	17.76	18.24		
5	256QAM	1	0	14.42	14.78	15.13	16	3
5	256QAM	1	12	14.50	14.67	15.10		
5	256QAM	1	24	14.32	14.71	15.02		
5	256QAM	12	0	14.20	14.77	14.96	16	3
5	256QAM	12	7	14.26	14.66	14.98		
5	256QAM	12	13	14.50	14.81	15.11		
5	256QAM	25	0	14.36	14.74	14.97		

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	21.72	21.80	21.75	22.8	0
10	QPSK	1	25	21.57	21.71	21.72		
10	QPSK	1	49	21.58	21.76	21.69		
10	QPSK	25	0	21.70	21.78	21.74	22.8	0
10	QPSK	25	12	21.66	21.67	21.71		
10	QPSK	25	25	21.58	21.69	21.65		
10	QPSK	50	0	21.67	21.75	21.71		
10	16QAM	1	0	21.63	21.78	21.66	22.8	0
10	16QAM	1	25	21.63	21.79	21.60		
10	16QAM	1	49	21.57	21.69	21.67		
10	16QAM	25	0	21.67	21.64	21.68	22.8	0
10	16QAM	25	12	21.72	21.62	21.70		
10	16QAM	25	25	21.79	21.60	21.74		
10	16QAM	50	0	21.77	21.64	21.79		
10	64QAM	1	0	21.55	21.56	21.58	22.8	0
10	64QAM	1	25	21.50	21.52	21.50		
10	64QAM	1	49	21.35	21.33	21.47		
10	64QAM	25	0	20.70	20.64	20.65	21.8	1
10	64QAM	25	12	20.74	20.59	20.70		
10	64QAM	25	25	20.78	20.70	20.68		
10	64QAM	50	0	20.71	20.66	20.72		
10	256QAM	1	0	17.67	17.78	17.71	18.8	4
10	256QAM	1	25	17.62	17.65	17.60		
10	256QAM	1	49	17.65	17.66	17.58		
10	256QAM	25	0	17.65	17.74	17.59	18.8	4
10	256QAM	25	12	17.58	17.63	17.50		
10	256QAM	25	25	17.62	17.74	17.64		
10	256QAM	50	0	17.71	17.72	17.69		
Channel				23025	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.65	21.69	21.69	22.8	0
5	QPSK	1	12	21.44	21.67	21.70		
5	QPSK	1	24	21.49	21.70	21.60		
5	QPSK	12	0	21.63	21.77	21.65	22.8	0
5	QPSK	12	7	21.64	21.56	21.60		
5	QPSK	12	13	21.44	21.65	21.56		
5	QPSK	25	0	21.57	21.74	21.57		
5	16QAM	1	0	21.49	21.74	21.51	22.8	0
5	16QAM	1	12	21.50	21.73	21.45		
5	16QAM	1	24	21.56	21.66	21.55		
5	16QAM	12	0	21.60	21.50	21.67	22.8	0
5	16QAM	12	7	21.58	21.50	21.68		
5	16QAM	12	13	21.69	21.56	21.67		
5	16QAM	25	0	21.69	21.54	21.69		
5	64QAM	1	0	21.52	21.43	21.53	22.8	0
5	64QAM	1	12	21.41	21.42	21.43		
5	64QAM	1	24	21.24	21.27	21.46		
5	64QAM	12	0	20.60	20.52	20.64	21.8	1
5	64QAM	12	7	20.65	20.49	20.57		
5	64QAM	12	13	20.69	20.65	20.56		
5	64QAM	25	0	20.60	20.58	20.66		
5	256QAM	1	0	17.59	17.71	17.61	18.8	4
5	256QAM	1	12	17.54	17.55	17.58		
5	256QAM	1	24	17.51	17.55	17.44		
5	256QAM	12	0	17.53	17.65	17.44	18.8	4
5	256QAM	12	7	17.45	17.50	17.40		
5	256QAM	12	13	17.61	17.62	17.55		
5	256QAM	25	0	17.57	17.70	17.64		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.58	21.73	21.71	22.8	0
3	QPSK	1	8	21.54	21.61	21.59		
3	QPSK	1	14	21.45	21.75	21.58		
3	QPSK	8	0	21.55	21.74	21.63	22.8	0
3	QPSK	8	4	21.58	21.66	21.64		
3	QPSK	8	7	21.49	21.66	21.54		
3	QPSK	15	0	21.58	21.74	21.66		
3	16QAM	1	0	21.53	21.75	21.51	22.8	0
3	16QAM	1	8	21.48	21.70	21.47		
3	16QAM	1	14	21.49	21.56	21.52		
3	16QAM	8	0	21.54	21.53	21.61	22.8	0
3	16QAM	8	4	21.66	21.55	21.62		
3	16QAM	8	7	21.68	21.47	21.70		
3	16QAM	15	0	21.69	21.63	21.67		
3	64QAM	1	0	21.43	21.52	21.55	22.8	0
3	64QAM	1	8	21.45	21.41	21.37		
3	64QAM	1	14	21.23	21.19	21.33		
3	64QAM	8	0	20.59	20.55	20.57	21.8	1
3	64QAM	8	4	20.70	20.50	20.69		
3	64QAM	8	7	20.66	20.62	20.57		
3	64QAM	15	0	20.66	20.54	20.64		
3	256QAM	1	0	17.63	17.66	17.64	18.8	4
3	256QAM	1	8	17.59	17.58	17.46		
3	256QAM	1	14	17.64	17.60	17.49		
3	256QAM	8	0	17.57	17.66	17.52	18.8	4
3	256QAM	8	4	17.53	17.62	17.41		
3	256QAM	8	7	17.52	17.73	17.53		
3	256QAM	15	0	17.65	17.57	17.58		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.63	21.72	21.67	22.8	0
1.4	QPSK	1	3	21.43	21.60	21.61		
1.4	QPSK	1	5	21.44	21.66	21.65		
1.4	QPSK	3	0	21.61	21.77	21.72		
1.4	QPSK	3	1	21.44	21.66	21.57		
1.4	QPSK	3	3	21.47	21.66	21.57		
1.4	QPSK	6	0	21.59	21.65	21.67	22.8	0
1.4	16QAM	1	0	21.64	21.65	21.57	22.8	0
1.4	16QAM	1	3	21.47	21.62	21.57		
1.4	16QAM	1	5	21.65	21.69	21.61		
1.4	16QAM	3	0	21.60	21.66	21.54		
1.4	16QAM	3	1	21.60	21.75	21.49		
1.4	16QAM	3	3	21.56	21.67	21.65		
1.4	16QAM	6	0	21.66	21.59	21.72	22.8	0
1.4	64QAM	1	0	21.40	21.46	21.46	22.8	0
1.4	64QAM	1	3	21.46	21.39	21.46		
1.4	64QAM	1	5	21.24	21.29	21.33		
1.4	64QAM	3	0	21.41	21.48	21.43		
1.4	64QAM	3	1	21.49	21.48	21.47		
1.4	64QAM	3	3	21.27	21.21	21.41		
1.4	64QAM	6	0	20.67	20.53	20.58	21.8	1
1.4	256QAM	1	0	17.60	17.74	17.65	18.8	4
1.4	256QAM	1	3	17.58	17.54	17.48		
1.4	256QAM	1	5	17.64	17.63	17.47		
1.4	256QAM	3	0	17.53	17.72	17.46		
1.4	256QAM	3	1	17.44	17.48	17.45		
1.4	256QAM	3	3	17.60	17.71	17.56		
1.4	256QAM	6	0	17.64	17.63	17.56	18.8	4

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	20.17	20.22	20.15	21.3	0
10	QPSK	1	25	20.11	20.19	20.11		
10	QPSK	1	49	20.13	20.12	20.07		
10	QPSK	25	0	20.11	20.20	20.13	21.3	0
10	QPSK	25	12	20.06	20.15	20.00		
10	QPSK	25	25	20.10	20.18	20.11		
10	QPSK	50	0	20.06	20.19	20.01		
10	16QAM	1	0	20.09	20.12	20.10	21.3	0
10	16QAM	1	25	20.02	20.17	20.03		
10	16QAM	1	49	20.08	20.09	20.04		
10	16QAM	25	0	20.02	20.13	20.10	21.3	0
10	16QAM	25	12	20.07	20.16	20.03		
10	16QAM	25	25	20.02	20.10	20.11		
10	16QAM	50	0	20.13	20.20	20.06		
10	64QAM	1	0	20.06	20.19	20.04	21.3	0
10	64QAM	1	25	20.13	20.14	20.07		
10	64QAM	1	49	20.04	20.21	20.09		
10	64QAM	25	0	20.08	20.21	20.14	21.3	0
10	64QAM	25	12	20.11	20.15	20.13		
10	64QAM	25	25	20.04	20.09	20.02		
10	64QAM	50	0	20.04	20.07	20.08		
10	256QAM	1	0	17.10	17.24	17.21	18.3	3
10	256QAM	1	25	17.13	17.22	17.18		
10	256QAM	1	49	17.13	17.16	17.05		
10	256QAM	25	0	17.02	17.09	17.04	18.3	3
10	256QAM	25	12	17.00	17.11	17.01		
10	256QAM	25	25	17.10	17.21	17.09		
10	256QAM	50	0	17.04	17.18	17.10		
Channel				23025	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	20.16	20.15	20.13	21.3	0
5	QPSK	1	12	19.97	20.12	20.03		
5	QPSK	1	24	20.03	20.00	19.93		
5	QPSK	12	0	20.06	20.13	20.08	21.3	0
5	QPSK	12	7	19.93	20.10	19.98		
5	QPSK	12	13	19.99	20.14	19.98		
5	QPSK	25	0	19.96	20.08	19.86		
5	16QAM	1	0	20.07	20.03	19.99	21.3	0
5	16QAM	1	12	19.99	20.12	19.98		
5	16QAM	1	24	20.00	19.99	19.90		
5	16QAM	12	0	20.00	20.10	20.02	21.3	0
5	16QAM	12	7	19.99	20.11	19.94		
5	16QAM	12	13	19.93	19.96	20.01		
5	16QAM	25	0	20.03	20.07	19.97		
5	64QAM	1	0	19.91	20.08	20.02	21.3	0
5	64QAM	1	12	20.00	20.08	19.98		
5	64QAM	1	24	19.99	20.06	19.95		
5	64QAM	12	0	20.06	20.09	20.04	21.3	0
5	64QAM	12	7	20.00	20.10	20.01		
5	64QAM	12	13	19.91	19.94	20.01		
5	64QAM	25	0	19.96	19.99	19.95		
5	256QAM	1	0	16.97	17.15	17.09	18.3	3
5	256QAM	1	12	17.06	17.11	17.14		
5	256QAM	1	24	17.07	17.15	16.98		
5	256QAM	12	0	16.95	16.97	16.95	18.3	3
5	256QAM	12	7	16.94	17.09	16.91		
5	256QAM	12	13	17.04	17.12	17.07		
5	256QAM	25	0	16.93	17.11	16.99		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	20.06	20.19	20.06	21.3	0
3	QPSK	1	8	20.03	20.09	20.02		
3	QPSK	1	14	20.01	20.05	20.02		
3	QPSK	8	0	20.02	20.07	20.12	21.3	0
3	QPSK	8	4	19.97	20.02	19.85		
3	QPSK	8	7	19.96	20.16	20.06		
3	QPSK	15	0	19.97	20.15	19.89		
3	16QAM	1	0	20.07	20.06	20.00	21.3	0
3	16QAM	1	8	19.94	20.16	19.93		
3	16QAM	1	14	20.06	20.05	19.99		
3	16QAM	8	0	19.89	20.01	20.01	21.3	0
3	16QAM	8	4	19.98	20.10	19.98		
3	16QAM	8	7	19.95	20.07	20.02		
3	16QAM	15	0	19.99	20.17	19.94		
3	64QAM	1	0	19.95	20.16	19.99	21.3	0
3	64QAM	1	8	20.09	20.03	19.93		
3	64QAM	1	14	20.03	20.12	20.08		
3	64QAM	8	0	19.96	20.16	20.02	21.3	0
3	64QAM	8	4	20.03	20.00	20.11		
3	64QAM	8	7	19.93	20.04	20.00		
3	64QAM	15	0	19.99	20.08	20.05		
3	256QAM	1	0	16.99	17.21	17.17	18.3	3
3	256QAM	1	8	17.05	17.16	17.14		
3	256QAM	1	14	17.09	17.02	17.03		
3	256QAM	8	0	16.89	17.04	16.94	18.3	3
3	256QAM	8	4	16.97	16.99	16.90		
3	256QAM	8	7	17.05	17.13	16.95		
3	256QAM	15	0	17.03	17.07	17.08		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	20.04	20.21	20.07	21.3	0
1.4	QPSK	1	3	19.98	20.09	20.01		
1.4	QPSK	1	5	19.98	20.08	19.93		
1.4	QPSK	3	0	20.07	20.06	19.99		
1.4	QPSK	3	1	19.99	20.12	19.96		
1.4	QPSK	3	3	20.03	20.14	20.10		
1.4	QPSK	6	0	19.91	20.15	19.86	21.3	0
1.4	16QAM	1	0	20.03	20.09	19.97	21.3	0
1.4	16QAM	1	3	19.91	20.02	19.93		
1.4	16QAM	1	5	20.01	19.97	20.03		
1.4	16QAM	3	0	19.97	20.06	19.97		
1.4	16QAM	3	1	19.96	20.05	19.95		
1.4	16QAM	3	3	19.95	20.05	20.04		
1.4	16QAM	6	0	20.07	20.15	20.05	21.3	0
1.4	64QAM	1	0	19.94	20.12	20.03	21.3	0
1.4	64QAM	1	3	20.00	20.00	19.98		
1.4	64QAM	1	5	19.95	20.17	20.01		
1.4	64QAM	3	0	20.04	20.08	20.07		
1.4	64QAM	3	1	20.04	20.02	20.02		
1.4	64QAM	3	3	19.94	20.00	19.87		
1.4	64QAM	6	0	19.96	20.03	20.05	21.3	0
1.4	256QAM	1	0	16.99	17.22	17.12	18.3	3
1.4	256QAM	1	3	17.06	17.17	17.09		
1.4	256QAM	1	5	17.05	17.05	16.92		
1.4	256QAM	3	0	16.93	17.07	16.97		
1.4	256QAM	3	1	16.99	17.01	16.94		
1.4	256QAM	3	3	17.09	17.08	16.96		
1.4	256QAM	6	0	16.91	17.11	16.97	18.3	3

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		22.88		23.8	0
10	QPSK	1	25		22.78			
10	QPSK	1	49		22.85			
10	QPSK	25	0		22.53		23.3	0.5
10	QPSK	25	12		22.42			
10	QPSK	25	25		22.48			
10	QPSK	50	0		22.50			
10	16QAM	1	0		22.36		23.3	0.5
10	16QAM	1	25		22.45			
10	16QAM	1	49		22.60			
10	16QAM	25	0		21.94		22.8	1
10	16QAM	25	12		21.93			
10	16QAM	25	25		21.98			
10	16QAM	50	0		21.95			
10	64QAM	1	0		21.28		22.8	1
10	64QAM	1	25		21.44			
10	64QAM	1	49		21.49			
10	64QAM	25	0		20.85		21.8	2
10	64QAM	25	12		20.85			
10	64QAM	25	25		20.91			
10	64QAM	50	0		20.92			
10	256QAM	1	0		17.72		18.8	5
10	256QAM	1	25		17.71			
10	256QAM	1	49		17.71			
10	256QAM	25	0		17.70		18.8	5
10	256QAM	25	12		17.67			
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.64			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.73	22.65	22.72	23.8	0
5	QPSK	1	12	22.84	22.86	22.85		
5	QPSK	1	24	22.80	22.77	22.71		
5	QPSK	12	0	22.50	22.41	22.40	23.3	0.5
5	QPSK	12	7	22.39	22.30	22.35		
5	QPSK	12	13	22.47	22.47	22.34		
5	QPSK	25	0	22.35	22.47	22.47		
5	16QAM	1	0	22.34	22.26	22.23	23.3	0.5
5	16QAM	1	12	22.30	22.38	22.34		
5	16QAM	1	24	22.59	22.48	22.58		
5	16QAM	12	0	21.84	21.84	21.89	22.8	1
5	16QAM	12	7	21.85	21.87	21.85		
5	16QAM	12	13	21.85	21.94	21.95		
5	16QAM	25	0	21.80	21.89	21.93		
5	64QAM	1	0	21.17	21.18	21.24	22.8	1
5	64QAM	1	12	21.33	21.41	21.35		
5	64QAM	1	24	21.38	21.42	21.34		
5	64QAM	12	0	20.82	20.82	20.75	21.8	2
5	64QAM	12	7	20.79	20.70	20.74		
5	64QAM	12	13	20.76	20.77	20.78		
5	64QAM	25	0	20.90	20.87	20.82		
5	256QAM	1	0	17.66	17.70	17.60	18.8	5
5	256QAM	1	12	17.63	17.61	17.63		
5	256QAM	1	24	17.66	17.61	17.63		
5	256QAM	12	0	17.63	17.64	17.67	18.8	5
5	256QAM	12	7	17.66	17.60	17.56		
5	256QAM	12	13	17.67	17.58	17.66		
5	256QAM	25	0	17.51	17.52	17.63		

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.32		23.3	0
10	QPSK	1	25		22.23			
10	QPSK	1	49		22.29			
10	QPSK	25	0		21.88		22.8	0.5
10	QPSK	25	12		21.74			
10	QPSK	25	25		21.85			
10	QPSK	50	0		21.85			
10	16QAM	1	0		21.85		22.8	0.5
10	16QAM	1	25		21.81			
10	16QAM	1	49		22.08			
10	16QAM	25	0		21.29		22.3	1
10	16QAM	25	12		21.31			
10	16QAM	25	25		21.34			
10	16QAM	50	0		21.29			
10	64QAM	1	0		20.73		22.3	1
10	64QAM	1	25		20.64			
10	64QAM	1	49		21.00			
10	64QAM	25	0		20.25		21.3	2
10	64QAM	25	12		20.20			
10	64QAM	25	25		20.33			
10	64QAM	50	0		20.21			
10	256QAM	1	0		17.22		18.3	5
10	256QAM	1	25		17.17			
10	256QAM	1	49		17.18			
10	256QAM	25	0		17.09		18.3	5
10	256QAM	25	12		17.09			
10	256QAM	25	25		17.14			
10	256QAM	50	0		17.20			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.12	22.22	22.11	23.3	0
5	QPSK	1	12	22.25	22.30	22.29		
5	QPSK	1	24	22.19	22.22	22.27		
5	QPSK	12	0	21.81	21.77	21.73	22.8	0.5
5	QPSK	12	7	21.73	21.72	21.72		
5	QPSK	12	13	21.70	21.72	21.81		
5	QPSK	25	0	21.83	21.71	21.78		
5	16QAM	1	0	21.77	21.75	21.77	22.8	0.5
5	16QAM	1	12	21.71	21.71	21.72		
5	16QAM	1	24	22.03	21.97	22.02		
5	16QAM	12	0	21.24	21.25	21.16	22.3	1
5	16QAM	12	7	21.23	21.21	21.25		
5	16QAM	12	13	21.26	21.31	21.21		
5	16QAM	25	0	21.26	21.19	21.20		
5	64QAM	1	0	20.63	20.66	20.72	22.3	1
5	64QAM	1	12	20.61	20.58	20.52		
5	64QAM	1	24	20.99	20.94	20.99		
5	64QAM	12	0	20.21	20.19	20.23	21.3	2
5	64QAM	12	7	20.07	20.17	20.06		
5	64QAM	12	13	20.23	20.25	20.24		
5	64QAM	25	0	20.16	20.20	20.13		
5	256QAM	1	0	17.13	17.08	17.20	18.3	5
5	256QAM	1	12	17.10	17.12	17.06		
5	256QAM	1	24	17.17	17.05	17.11		
5	256QAM	12	0	17.06	17.02	16.95	18.3	5
5	256QAM	12	7	17.01	17.04	17.07		
5	256QAM	12	13	17.01	17.05	17.02		
5	256QAM	25	0	17.10	17.14	17.14		

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	21.80	21.88	21.82	22.8	0
10	QPSK	1	25	21.76	21.78	21.76		
10	QPSK	1	49	21.71	21.75	21.71		
10	QPSK	25	0	21.79	21.86	21.80	22.8	0
10	QPSK	25	12	21.70	21.74	21.79		
10	QPSK	25	25	21.78	21.75	21.71		
10	QPSK	50	0	21.74	21.75	21.72		
10	16QAM	1	0	21.66	21.83	21.71	22.8	0
10	16QAM	1	25	21.69	21.80	21.78		
10	16QAM	1	49	21.71	21.81	21.79		
10	16QAM	25	0	21.69	21.84	21.76	22.8	0
10	16QAM	25	12	21.69	21.86	21.79		
10	16QAM	25	25	21.71	21.78	21.79		
10	16QAM	50	0	21.82	21.79	21.80		
10	64QAM	1	0	21.62	21.59	21.64	22.8	0
10	64QAM	1	25	21.64	21.50	21.50		
10	64QAM	1	49	21.73	21.66	21.60		
10	64QAM	25	0	20.85	20.77	20.93	21.8	1
10	64QAM	25	12	20.86	20.88	20.89		
10	64QAM	25	25	20.91	20.84	20.90		
10	64QAM	50	0	20.82	20.81	20.86		
10	256QAM	1	0	17.77	17.86	17.85	18.8	4
10	256QAM	1	25	17.72	17.76	17.61		
10	256QAM	1	49	17.62	17.76	17.69		
10	256QAM	25	0	17.72	17.82	17.78	18.8	4
10	256QAM	25	12	17.59	17.72	17.65		
10	256QAM	25	25	17.67	17.74	17.70		
10	256QAM	50	0	17.65	17.74	17.70		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.76	21.75	21.77	22.8	0
5	QPSK	1	12	21.69	21.72	21.74		
5	QPSK	1	24	21.69	21.65	21.69		
5	QPSK	12	0	21.72	21.75	21.78	22.8	0
5	QPSK	12	7	21.65	21.68	21.67		
5	QPSK	12	13	21.65	21.66	21.60		
5	QPSK	25	0	21.71	21.64	21.63		
5	16QAM	1	0	21.56	21.79	21.68	22.8	0
5	16QAM	1	12	21.60	21.70	21.73		
5	16QAM	1	24	21.65	21.74	21.78		
5	16QAM	12	0	21.57	21.74	21.69	22.8	0
5	16QAM	12	7	21.60	21.75	21.77		
5	16QAM	12	13	21.61	21.66	21.68		
5	16QAM	25	0	21.73	21.75	21.85		
5	64QAM	1	0	21.49	21.53	21.59	22.8	0
5	64QAM	1	12	21.52	21.46	21.35		
5	64QAM	1	24	21.68	21.62	21.49		
5	64QAM	12	0	20.77	20.62	20.82	21.8	1
5	64QAM	12	7	20.84	20.80	20.79		
5	64QAM	12	13	20.81	20.69	20.82		
5	64QAM	25	0	20.69	20.78	20.80		
5	256QAM	1	0	17.64	17.71	17.70	18.8	4
5	256QAM	1	12	17.63	17.67	17.50		
5	256QAM	1	24	17.59	17.67	17.65		
5	256QAM	12	0	17.66	17.79	17.77	18.8	4
5	256QAM	12	7	17.44	17.61	17.54		
5	256QAM	12	13	17.66	17.62	17.68		
5	256QAM	25	0	17.61	17.69	17.68		

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	20.30	20.36	20.28	21.3	0
10	QPSK	1	25	20.17	20.25	20.13		
10	QPSK	1	49	20.17	20.32	20.19		
10	QPSK	25	0	20.29	20.35	20.26	21.3	0
10	QPSK	25	12	20.16	20.32	20.22		
10	QPSK	25	25	20.25	20.22	20.15		
10	QPSK	50	0	20.25	20.26	20.22		
10	16QAM	1	0	20.28	20.22	20.21	21.3	0
10	16QAM	1	25	20.19	20.30	20.19		
10	16QAM	1	49	20.27	20.33	20.20		
10	16QAM	25	0	20.19	20.25	20.18	21.3	0
10	16QAM	25	12	20.20	20.28	20.26		
10	16QAM	25	25	20.19	20.27	20.22		
10	16QAM	50	0	20.15	20.22	20.15		
10	64QAM	1	0	20.26	20.26	20.14	21.3	0
10	64QAM	1	25	20.18	20.35	20.15		
10	64QAM	1	49	20.18	20.28	20.19		
10	64QAM	25	0	20.23	20.22	20.22	21.3	0
10	64QAM	25	12	20.25	20.25	20.24		
10	64QAM	25	25	20.18	20.27	20.22		
10	64QAM	50	0	20.22	20.32	20.16		
10	256QAM	1	0	17.37	17.38	17.24	18.3	3
10	256QAM	1	25	17.16	17.25	17.15		
10	256QAM	1	49	17.16	17.24	17.18		
10	256QAM	25	0	17.19	17.31	17.28	18.3	3
10	256QAM	25	12	17.33	17.36	17.27		
10	256QAM	25	25	17.19	17.34	17.20		
10	256QAM	50	0	17.20	17.34	17.26		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	20.27	20.32	20.18	21.3	0
5	QPSK	1	12	20.07	20.21	20.02		
5	QPSK	1	24	20.07	20.23	20.16		
5	QPSK	12	0	20.14	20.20	20.20	21.3	0
5	QPSK	12	7	20.05	20.28	20.13		
5	QPSK	12	13	20.10	20.08	20.01		
5	QPSK	25	0	20.23	20.23	20.17		
5	16QAM	1	0	20.26	20.10	20.15	21.3	0
5	16QAM	1	12	20.14	20.17	20.10		
5	16QAM	1	24	20.18	20.31	20.19		
5	16QAM	12	0	20.04	20.15	20.10	21.3	0
5	16QAM	12	7	20.07	20.20	20.22		
5	16QAM	12	13	20.12	20.22	20.16		
5	16QAM	25	0	20.04	20.09	20.00		
5	64QAM	1	0	20.12	20.25	19.99	21.3	0
5	64QAM	1	12	20.06	20.25	20.07		
5	64QAM	1	24	20.13	20.23	20.05		
5	64QAM	12	0	20.22	20.10	20.18	21.3	0
5	64QAM	12	7	20.23	20.15	20.18		
5	64QAM	12	13	20.04	20.18	20.07		
5	64QAM	25	0	20.17	20.26	20.07		
5	256QAM	1	0	17.27	17.28	17.14	18.3	3
5	256QAM	1	12	17.02	17.19	17.05		
5	256QAM	1	24	17.06	17.17	17.12		
5	256QAM	12	0	17.06	17.21	17.14	18.3	3
5	256QAM	12	7	17.30	17.22	17.24		
5	256QAM	12	13	17.17	17.31	17.16		
5	256QAM	25	0	17.07	17.25	17.12		

Band 26(FCC)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.52	23.57	23.50	24.5	0
15	QPSK	1	37	23.45	23.55	23.39		
15	QPSK	1	74	23.50	23.46	23.40		
15	QPSK	36	0	23.48	23.53	23.48	24.5	0
15	QPSK	36	20	23.41	23.43	23.44		
15	QPSK	36	39	23.47	23.51	23.47		
15	QPSK	75	0	23.40	23.45	23.42		
15	16QAM	1	0	23.50	23.45	23.38	24.5	0
15	16QAM	1	37	23.43	23.50	23.48		
15	16QAM	1	74	23.41	23.43	23.40		
15	16QAM	36	0	23.16	23.01	23.06	24	0.5
15	16QAM	36	20	23.15	23.05	23.15		
15	16QAM	36	39	23.10	23.01	23.01		
15	16QAM	75	0	23.12	23.07	23.09		
15	64QAM	1	0	22.71	22.93	22.96	24	0.5
15	64QAM	1	37	23.00	22.95	22.92		
15	64QAM	1	74	22.75	22.89	22.88		
15	64QAM	36	0	22.18	22.04	22.09	23	1.5
15	64QAM	36	20	22.09	22.05	22.10		
15	64QAM	36	39	22.17	22.04	22.04		
15	64QAM	75	0	22.07	21.94	22.00		
15	256QAM	1	0	19.05	19.08	19.05	20	4.5
15	256QAM	1	37	18.82	18.95	18.88		
15	256QAM	1	74	18.86	18.93	18.87		
15	256QAM	36	0	18.91	18.98	18.95	20	4.5
15	256QAM	36	20	18.89	19.03	18.91		
15	256QAM	36	39	18.89	18.94	18.90		
15	256QAM	75	0	18.92	18.98	18.97		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.37	23.45	23.49	24.5	0
10	QPSK	1	25	23.34	23.43	23.26		
10	QPSK	1	49	23.44	23.40	23.35		
10	QPSK	25	0	23.44	23.45	23.42	24.5	0
10	QPSK	25	12	23.26	23.40	23.33		
10	QPSK	25	25	23.36	23.47	23.33		
10	QPSK	50	0	23.26	23.40	23.32		
10	16QAM	1	0	23.44	23.37	23.27	24.5	0
10	16QAM	1	25	23.35	23.47	23.46		
10	16QAM	1	49	23.38	23.31	23.37		
10	16QAM	25	0	23.04	22.87	22.97	24	0.5
10	16QAM	25	12	22.99	22.85	22.96		
10	16QAM	25	25	22.90	22.94	22.82		
10	16QAM	50	0	22.98	22.87	23.01		
10	64QAM	1	0	22.58	22.85	22.84	24	0.5
10	64QAM	1	25	22.84	22.86	22.73		
10	64QAM	1	49	22.55	22.75	22.74		
10	64QAM	25	0	22.01	21.94	21.89	23	1.5
10	64QAM	25	12	21.98	21.99	21.91		
10	64QAM	25	25	22.09	21.91	21.89		
10	64QAM	50	0	21.98	21.81	21.93		
10	256QAM	1	0	19.00	18.97	18.96	20	4.5
10	256QAM	1	25	18.72	18.91	18.77		
10	256QAM	1	49	18.72	18.82	18.74		
10	256QAM	25	0	18.77	18.89	18.90	20	4.5
10	256QAM	25	12	18.83	19.02	18.88		
10	256QAM	25	25	18.84	18.87	18.84		
10	256QAM	50	0	18.88	18.83	18.91		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.46	23.48	23.38	24.5	0
5	QPSK	1	12	23.34	23.51	23.36		
5	QPSK	1	24	23.38	23.35	23.30		
5	QPSK	12	0	23.34	23.42	23.38	24.5	0
5	QPSK	12	7	23.36	23.37	23.37		
5	QPSK	12	13	23.39	23.42	23.40		
5	QPSK	25	0	23.26	23.34	23.35		
5	16QAM	1	0	23.40	23.30	23.35	24.5	0
5	16QAM	1	12	23.40	23.49	23.46		
5	16QAM	1	24	23.32	23.42	23.27		
5	16QAM	12	0	23.06	22.91	22.97	24	0.5
5	16QAM	12	7	22.97	22.88	23.02		
5	16QAM	12	13	22.90	22.94	22.81		
5	16QAM	25	0	23.03	22.87	22.96		
5	64QAM	1	0	22.51	22.83	22.81	24	0.5
5	64QAM	1	12	22.87	22.86	22.81		
5	64QAM	1	24	22.55	22.75	22.80		
5	64QAM	12	0	22.01	21.87	21.96	23	1.5
5	64QAM	12	7	21.91	21.93	22.03		
5	64QAM	12	13	21.99	21.91	21.98		
5	64QAM	25	0	21.96	21.85	21.88		
5	256QAM	1	0	18.93	19.02	18.92	20	4.5
5	256QAM	1	12	18.72	18.89	18.77		
5	256QAM	1	24	18.81	18.79	18.80		
5	256QAM	12	0	18.80	18.87	18.82	20	4.5
5	256QAM	12	7	18.76	18.97	18.87		
5	256QAM	12	13	18.79	18.93	18.83		
5	256QAM	25	0	18.89	18.97	18.84		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.41	23.46	23.43	24.5	0
3	QPSK	1	8	23.43	23.49	23.31		
3	QPSK	1	14	23.46	23.33	23.35		
3	QPSK	8	0	23.34	23.41	23.43	24.5	0
3	QPSK	8	4	23.37	23.29	23.38		
3	QPSK	8	7	23.42	23.36	23.38		
3	QPSK	15	0	23.36	23.35	23.28		
3	16QAM	1	0	23.37	23.43	23.24	24.5	0
3	16QAM	1	8	23.39	23.42	23.39		
3	16QAM	1	14	23.40	23.28	23.26		
3	16QAM	8	0	23.09	22.92	22.94	24	0.5
3	16QAM	8	4	22.98	22.99	22.96		
3	16QAM	8	7	23.01	22.85	22.91		
3	16QAM	15	0	22.92	22.87	22.97		
3	64QAM	1	0	22.53	22.74	22.89	24	0.5
3	64QAM	1	8	22.89	22.83	22.85		
3	64QAM	1	14	22.63	22.77	22.77		
3	64QAM	8	0	22.05	21.88	21.94	23	1.5
3	64QAM	8	4	21.96	21.99	21.96		
3	64QAM	8	7	22.02	21.96	21.89		
3	64QAM	15	0	22.03	21.90	21.95		
3	256QAM	1	0	19.04	19.03	18.96	20	4.5
3	256QAM	1	8	18.71	18.80	18.78		
3	256QAM	1	14	18.71	18.79	18.86		
3	256QAM	8	0	18.82	18.86	18.89	20	4.5
3	256QAM	8	4	18.79	18.92	18.78		
3	256QAM	8	7	18.79	18.88	18.77		
3	256QAM	15	0	18.80	18.86	18.95		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.39	23.47	23.46	24.5	0
1.4	QPSK	1	3	23.35	23.46	23.36		
1.4	QPSK	1	5	23.44	23.43	23.32		
1.4	QPSK	3	0	23.38	23.45	23.43		
1.4	QPSK	3	1	23.39	23.53	23.30		
1.4	QPSK	3	3	23.43	23.37	23.35		
1.4	QPSK	6	0	23.37	23.45	23.37	24.5	0
1.4	16QAM	1	0	23.37	23.40	23.37	24.5	0
1.4	16QAM	1	3	23.40	23.42	23.35		
1.4	16QAM	1	5	23.35	23.42	23.33		
1.4	16QAM	3	0	23.37	23.32	23.32		
1.4	16QAM	3	1	23.33	23.35	23.46		
1.4	16QAM	3	3	23.31	23.28	23.38		
1.4	16QAM	6	0	23.01	22.88	22.89	24	0.5
1.4	64QAM	1	0	22.64	22.74	22.83	24	0.5
1.4	64QAM	1	3	22.81	22.88	22.77		
1.4	64QAM	1	5	22.59	22.75	22.82		
1.4	64QAM	3	0	22.55	22.86	22.77		
1.4	64QAM	3	1	22.91	22.75	22.86		
1.4	64QAM	3	3	22.64	22.69	22.70		
1.4	64QAM	6	0	22.00	21.81	21.87	23	1.5
1.4	256QAM	1	0	18.99	18.99	19.02	20	4.5
1.4	256QAM	1	3	18.81	18.87	18.79		
1.4	256QAM	1	5	18.78	18.78	18.86		
1.4	256QAM	3	0	18.85	18.96	18.93		
1.4	256QAM	3	1	18.78	18.96	18.82		
1.4	256QAM	3	3	18.74	18.91	18.83		
1.4	256QAM	6	0	18.86	18.97	18.95	20	4.5

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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	20.10	20.15	20.12	21	0
15	QPSK	1	37	19.97	20.00	20.08		
15	QPSK	1	74	20.06	20.14	20.03		
15	QPSK	36	0	20.06	20.13	20.11	21	0
15	QPSK	36	20	19.95	20.03	20.05		
15	QPSK	36	39	20.02	20.02	20.06		
15	QPSK	75	0	20.03	20.12	20.10		
15	16QAM	1	0	20.09	20.09	20.09	21	0
15	16QAM	1	37	19.98	20.02	20.00		
15	16QAM	1	74	19.99	20.13	19.98		
15	16QAM	36	0	19.95	20.06	20.04	21	0
15	16QAM	36	20	20.03	20.14	20.04		
15	16QAM	36	39	19.96	20.02	20.11		
15	16QAM	75	0	19.97	20.04	20.10		
15	64QAM	1	0	20.06	20.13	20.02	21	0
15	64QAM	1	37	20.04	20.04	20.09		
15	64QAM	1	74	20.01	20.01	20.07		
15	64QAM	36	0	19.95	20.12	20.02	21	0
15	64QAM	36	20	19.98	20.08	20.10		
15	64QAM	36	39	20.07	20.10	20.03		
15	64QAM	75	0	20.09	20.12	19.98		
15	256QAM	1	0	18.63	18.77	18.62	19.5	1.5
15	256QAM	1	37	18.59	18.68	18.56		
15	256QAM	1	74	18.61	18.62	18.56		
15	256QAM	36	0	18.57	18.62	18.50	19.5	1.5
15	256QAM	36	20	18.65	18.69	18.64		
15	256QAM	36	39	18.49	18.63	18.61		
15	256QAM	75	0	18.61	18.66	18.55		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	20.09	20.03	20.07	21	0
10	QPSK	1	25	19.86	19.90	20.03		
10	QPSK	1	49	19.94	20.13	19.91		
10	QPSK	25	0	20.01	20.06	20.07	21	0
10	QPSK	25	12	19.93	19.90	19.92		
10	QPSK	25	25	19.98	19.90	19.92		
10	QPSK	50	0	20.01	20.05	19.98		
10	16QAM	1	0	19.97	19.99	19.97	21	0
10	16QAM	1	25	19.90	20.01	19.98		
10	16QAM	1	49	19.88	20.08	19.93		
10	16QAM	25	0	19.88	19.95	19.89	21	0
10	16QAM	25	12	19.91	20.04	19.98		
10	16QAM	25	25	19.91	20.00	20.09		
10	16QAM	50	0	19.94	20.02	19.96		
10	64QAM	1	0	20.03	20.00	19.91	21	0
10	64QAM	1	25	19.91	19.95	20.07		
10	64QAM	1	49	19.97	19.86	20.01		
10	64QAM	25	0	19.87	20.02	20.00	21	0
10	64QAM	25	12	19.96	19.95	19.99		
10	64QAM	25	25	20.03	20.02	20.01		
10	64QAM	50	0	20.07	20.10	19.91		
10	256QAM	1	0	18.54	18.64	18.59	19.5	1.5
10	256QAM	1	25	18.53	18.62	18.43		
10	256QAM	1	49	18.54	18.55	18.54		
10	256QAM	25	0	18.55	18.53	18.46	19.5	1.5
10	256QAM	25	12	18.61	18.66	18.59		
10	256QAM	25	25	18.48	18.62	18.52		
10	256QAM	50	0	18.59	18.59	18.52		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.98	20.02	20.00	21	0
5	QPSK	1	12	19.90	19.92	19.99		
5	QPSK	1	24	19.93	20.01	19.90		
5	QPSK	12	0	19.99	19.98	20.06	21	0
5	QPSK	12	7	19.86	19.93	20.03		
5	QPSK	12	13	20.01	20.00	20.00		
5	QPSK	25	0	20.00	20.05	20.04		
5	16QAM	1	0	19.97	20.08	20.08	21	0
5	16QAM	1	12	19.94	19.96	19.98		
5	16QAM	1	24	19.98	20.02	19.95		
5	16QAM	12	0	19.89	19.96	20.02	21	0
5	16QAM	12	7	19.89	20.02	19.98		
5	16QAM	12	13	19.86	19.94	20.00		
5	16QAM	25	0	19.82	19.93	20.03		
5	64QAM	1	0	20.04	20.12	19.91	21	0
5	64QAM	1	12	19.96	20.02	19.95		
5	64QAM	1	24	19.94	19.90	19.99		
5	64QAM	12	0	19.81	20.02	19.87	21	0
5	64QAM	12	7	19.94	19.99	20.04		
5	64QAM	12	13	20.01	20.04	20.01		
5	64QAM	25	0	20.00	20.10	19.97		
5	256QAM	1	0	18.59	18.74	18.60	19.5	1.5
5	256QAM	1	12	18.54	18.64	18.55		
5	256QAM	1	24	18.55	18.49	18.52		
5	256QAM	12	0	18.53	18.52	18.46	19.5	1.5
5	256QAM	12	7	18.50	18.62	18.52		
5	256QAM	12	13	18.45	18.53	18.57		
5	256QAM	25	0	18.58	18.55	18.45		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.07	20.11	19.99	21	0
3	QPSK	1	8	19.86	19.88	19.94		
3	QPSK	1	14	20.01	20.10	19.99		
3	QPSK	8	0	20.04	20.05	20.01	21	0
3	QPSK	8	4	19.80	19.98	20.00		
3	QPSK	8	7	19.93	19.90	19.99		
3	QPSK	15	0	19.95	20.02	20.02		
3	16QAM	1	0	19.94	20.03	19.97	21	0
3	16QAM	1	8	19.95	20.01	19.87		
3	16QAM	1	14	19.97	20.01	19.86		
3	16QAM	8	0	19.94	20.00	19.96	21	0
3	16QAM	8	4	19.96	20.10	19.91		
3	16QAM	8	7	19.95	19.94	19.99		
3	16QAM	15	0	19.87	19.90	19.97		
3	64QAM	1	0	19.92	20.07	20.01	21	0
3	64QAM	1	8	19.98	19.96	20.04		
3	64QAM	1	14	19.89	19.95	19.96		
3	64QAM	8	0	19.93	20.10	19.97	21	0
3	64QAM	8	4	19.89	20.02	20.01		
3	64QAM	8	7	19.95	20.08	19.88		
3	64QAM	15	0	20.06	20.02	19.94		
3	256QAM	1	0	18.49	18.74	18.56	19.5	1.5
3	256QAM	1	8	18.46	18.54	18.53		
3	256QAM	1	14	18.56	18.61	18.42		
3	256QAM	8	0	18.54	18.60	18.45	19.5	1.5
3	256QAM	8	4	18.64	18.63	18.56		
3	256QAM	8	7	18.35	18.51	18.57		
3	256QAM	15	0	18.50	18.62	18.53		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.07	20.02	20.11	21	0
1.4	QPSK	1	3	19.84	19.90	19.96		
1.4	QPSK	1	5	19.97	20.11	19.98		
1.4	QPSK	3	0	20.04	20.10	19.98		
1.4	QPSK	3	1	19.86	19.97	20.00		
1.4	QPSK	3	3	19.94	19.99	19.94		
1.4	QPSK	6	0	20.00	19.98	19.95	21	0
1.4	16QAM	1	0	19.96	20.08	19.99	21	0
1.4	16QAM	1	3	19.89	19.97	19.92		
1.4	16QAM	1	5	19.84	20.08	19.91		
1.4	16QAM	3	0	19.87	20.01	19.96		
1.4	16QAM	3	1	19.95	20.06	19.96		
1.4	16QAM	3	3	19.89	19.93	20.07		
1.4	16QAM	6	0	19.93	19.95	19.99	21	0
1.4	64QAM	1	0	19.91	20.09	19.91	21	0
1.4	64QAM	1	3	19.91	19.96	19.95		
1.4	64QAM	1	5	19.95	19.98	19.96		
1.4	64QAM	3	0	19.86	20.00	20.01		
1.4	64QAM	3	1	19.84	20.06	19.96		
1.4	64QAM	3	3	20.06	20.02	19.95		
1.4	64QAM	6	0	20.06	20.04	19.86	21	0
1.4	256QAM	1	0	18.57	18.67	18.59	19.5	1.5
1.4	256QAM	1	3	18.58	18.62	18.44		
1.4	256QAM	1	5	18.56	18.52	18.50		
1.4	256QAM	3	0	18.44	18.59	18.36		
1.4	256QAM	3	1	18.55	18.57	18.59		
1.4	256QAM	3	3	18.45	18.58	18.49		
1.4	256QAM	6	0	18.49	18.60	18.51	19.5	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	20.15	20.24	20.18		
20	QPSK	1	49	20.07	20.20	20.03	21	0
20	QPSK	1	99	20.03	20.13	20.03		
20	QPSK	50	0	20.13	20.20	20.15		
20	QPSK	50	24	20.12	20.09	20.10	21	0
20	QPSK	50	50	20.05	20.19	20.11		
20	QPSK	100	0	20.13	20.18	20.13		
20	16QAM	1	0	20.03	20.17	20.12		
20	16QAM	1	49	20.13	20.18	20.11	21	0
20	16QAM	1	99	20.00	20.15	20.08		
20	16QAM	50	0	20.10	20.21	20.05		
20	16QAM	50	24	20.10	20.23	20.07	21	0
20	16QAM	50	50	20.11	20.11	20.06		
20	16QAM	100	0	20.05	20.15	20.07		
20	64QAM	1	0	20.08	20.22	20.15		
20	64QAM	1	49	20.03	20.23	20.06	21	0
20	64QAM	1	99	20.10	20.12	20.03		
20	64QAM	50	0	20.11	20.22	20.17		
20	64QAM	50	24	20.10	20.14	20.05	21	0
20	64QAM	50	50	20.01	20.21	20.11		
20	64QAM	100	0	20.00	20.15	20.14		
20	256QAM	1	0	19.07	19.10	19.07		
20	256QAM	1	49	18.91	18.95	18.92	20	1
20	256QAM	1	99	18.91	19.04	19.01		
20	256QAM	50	0	18.96	19.06	18.91		
20	256QAM	50	24	18.95	18.96	18.92	20	1
20	256QAM	50	50	18.93	19.04	18.97		
20	256QAM	100	0	18.84	18.95	18.92		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.10	20.17	20.03		
15	QPSK	1	37	20.01	20.11	19.93	21	0
15	QPSK	1	74	19.89	20.09	19.96		
15	QPSK	36	0	20.06	20.09	20.01		
15	QPSK	36	20	20.08	20.08	20.08	21	0
15	QPSK	36	39	20.01	20.08	19.97		
15	QPSK	75	0	20.03	20.16	20.04		
15	16QAM	1	0	19.89	20.12	19.98		
15	16QAM	1	37	20.02	20.13	20.04	21	0
15	16QAM	1	74	19.90	20.01	19.96		
15	16QAM	36	0	20.04	20.10	19.90		
15	16QAM	36	20	20.01	20.10	20.00	21	0
15	16QAM	36	39	20.00	20.09	19.94		
15	16QAM	75	0	20.04	20.00	19.99		
15	64QAM	1	0	20.01	20.08	20.03		
15	64QAM	1	37	19.97	20.09	20.01	21	0
15	64QAM	1	74	20.07	20.08	19.97		
15	64QAM	36	0	20.00	20.11	20.08		
15	64QAM	36	20	20.06	19.99	19.92	21	0
15	64QAM	36	39	19.88	20.20	20.05		
15	64QAM	75	0	19.91	20.06	20.12		
15	256QAM	1	0	19.02	19.00	18.95		
15	256QAM	1	37	18.81	18.91	18.88	20	1
15	256QAM	1	74	18.82	19.01	18.96		
15	256QAM	36	0	18.90	18.99	18.90		
15	256QAM	36	20	18.92	18.87	18.86	20	1
15	256QAM	36	39	18.79	18.91	18.94		
15	256QAM	75	0	18.75	18.85	18.80		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.10	20.12	20.14		
10	QPSK	1	25	19.96	20.10	19.92	21	0
10	QPSK	1	49	19.91	20.11	20.02		
10	QPSK	25	0	20.02	20.07	20.07		
10	QPSK	25	12	20.03	19.97	20.05	21	0
10	QPSK	25	25	19.91	20.16	20.06		
10	QPSK	50	0	20.04	20.08	20.04		
10	16QAM	1	0	19.95	20.15	19.98		
10	16QAM	1	25	20.04	20.07	20.02	21	0
10	16QAM	1	49	19.86	20.05	20.07		
10	16QAM	25	0	20.06	20.07	20.04		
10	16QAM	25	12	20.05	20.20	19.94	21	0
10	16QAM	25	25	20.10	20.04	20.04		
10	16QAM	50	0	19.97	20.09	19.96		
10	64QAM	1	0	20.06	20.16	20.03		
10	64QAM	1	25	19.92	20.15	19.96	21	0
10	64QAM	1	49	20.01	20.07	19.97		
10	64QAM	25	0	20.05	20.07	20.16		
10	64QAM	25	12	20.02	19.99	19.94	21	0
10	64QAM	25	25	19.97	20.19	20.06		
10	64QAM	50	0	19.98	20.10	20.04		
10	256QAM	1	0	18.94	18.99	19.03		
10	256QAM	1	25	18.79	18.86	18.79	20	1
10	256QAM	1	49	18.78	19.03	18.89		
10	256QAM	25	0	18.90	18.98	18.78		
10	256QAM	25	12	18.87	18.95	18.79	20	1
10	256QAM	25	25	18.89	18.92	18.82		
10	256QAM	50	0	18.73	18.88	18.84		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.08	20.09	20.07		
5	QPSK	1	12	20.06	20.07	19.96	21	0
5	QPSK	1	24	19.88	19.98	19.91		
5	QPSK	12	0	20.08	20.07	20.13		
5	QPSK	12	7	19.99	20.04	20.07	21	0
5	QPSK	12	13	19.99	20.18	20.06		
5	QPSK	25	0	20.09	20.15	20.09		
5	16QAM	1	0	19.88	20.10	19.98		
5	16QAM	1	12	19.99	20.07	20.05	21	0
5	16QAM	1	24	19.92	20.00	20.06		
5	16QAM	12	0	20.02	20.15	20.01		
5	16QAM	12	7	20.06	20.16	19.92	21	0
5	16QAM	12	13	20.06	19.98	19.94		
5	16QAM	25	0	20.04	20.14	20.03		
5	64QAM	1	0	19.97	20.10	20.01		
5	64QAM	1	12	19.96	20.08	20.03	21	0
5	64QAM	1	24	19.97	20.03	19.98		
5	64QAM	12	0	19.99	20.13	20.04		
5	64QAM	12	7	19.97	20.06	19.95	21	0
5	64QAM	12	13	19.89	20.13	20.01		
5	64QAM	25	0	19.94	20.07	20.03		
5	256QAM	1	0	18.97	19.05	19.00		
5	256QAM	1	12	18.83	18.92	18.80	20	1
5	256QAM	1	24	18.76	18.95	18.92		
5	256QAM	12	0	18.89	18.97	18.80		
5	256QAM	12	7	18.91	18.85	18.89	20	1
5	256QAM	12	13	18.84	18.93	18.86		
5	256QAM	25	0	18.75	18.92	18.79		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.09	20.16	20.09		
3	QPSK	1	8	20.00	20.19	19.88	21	0
3	QPSK	1	14	20.01	20.12	19.97		
3	QPSK	8	0	19.98	20.09	20.07		
3	QPSK	8	4	19.97	20.07	20.05	21	0
3	QPSK	8	7	19.94	20.17	19.96		
3	QPSK	15	0	20.01	20.12	20.08		
3	16QAM	1	0	19.89	20.12	19.98		
3	16QAM	1	8	20.00	20.11	20.07	21	0
3	16QAM	1	14	19.87	20.13	20.07		
3	16QAM	8	0	20.08	20.09	19.97		
3	16QAM	8	4	20.08	20.18	19.92	21	0
3	16QAM	8	7	20.02	19.97	19.99		
3	16QAM	15	0	19.97	20.11	20.05		
3	64QAM	1	0	20.05	20.18	20.04		
3	64QAM	1	8	19.98	20.08	20.02	21	0
3	64QAM	1	14	20.07	19.99	19.91		
3	64QAM	8	0	20.03	20.07	20.11		
3	64QAM	8	4	20.01	20.09	20.01	21	0
3	64QAM	8	7	19.98	20.17	20.10		
3	64QAM	15	0	19.89	20.09	20.08		
3	256QAM	1	0	19.05	19.09	19.06		
3	256QAM	1	8	18.85	18.85	18.87	20	1
3	256QAM	1	14	18.86	19.00	18.88		
3	256QAM	8	0	18.92	19.05	18.85		
3	256QAM	8	4	18.80	18.91	18.81	20	1
3	256QAM	8	7	18.83	19.01	18.94		
3	256QAM	15	0	18.76	18.92	18.81		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.02	20.11	20.04		
1.4	QPSK	1	3	20.04	20.17	19.89		
1.4	QPSK	1	5	19.90	20.12	19.93	21	0
1.4	QPSK	3	0	20.09	20.13	20.00		
1.4	QPSK	3	1	20.02	20.03	20.05		
1.4	QPSK	3	3	19.95	20.16	20.02		
1.4	QPSK	6	0	20.00	20.03	20.10	21	0
1.4	16QAM	1	0	20.00	20.15	19.97		
1.4	16QAM	1	3	19.99	20.15	20.10		
1.4	16QAM	1	5	19.99	20.14	20.02	21	0
1.4	16QAM	3	0	20.07	20.08	20.03		
1.4	16QAM	3	1	20.02	20.20	19.94		
1.4	16QAM	3	3	20.06	20.04	19.94		
1.4	16QAM	6	0	19.90	20.04	20.00	21	0
1.4	64QAM	1	0	20.07	20.20	20.05		
1.4	64QAM	1	3	19.99	20.10	19.97		
1.4	64QAM	1	5	20.09	20.01	19.90	21	0
1.4	64QAM	3	0	19.98	20.14	20.04		
1.4	64QAM	3	1	19.99	20.05	19.93		
1.4	64QAM	3	3	19.97	20.17	20.09		
1.4	64QAM	6	0	19.85	20.02	20.04	21	0
1.4	256QAM	1	0	19.04	19.08	19.05		
1.4	256QAM	1	3	18.90	18.94	18.91		
1.4	256QAM	1	5	18.82	19.02	18.95	20	1
1.4	256QAM	3	0	18.84	19.04	18.77		
1.4	256QAM	3	1	18.91	18.84	18.83		
1.4	256QAM	3	3	18.82	18.90	18.95		
1.4	256QAM	6	0	18.81	18.86	18.84	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.42	18.50	18.47		
20	QPSK	1	49	18.31	18.38	18.34	19.1	0
20	QPSK	1	99	18.27	18.37	18.37		
20	QPSK	50	0	18.38	18.49	18.43		
20	QPSK	50	24	18.34	18.44	18.39	19.1	0
20	QPSK	50	50	18.35	18.48	18.39		
20	QPSK	100	0	18.38	18.45	18.41		
20	16QAM	1	0	18.38	18.48	18.43		
20	16QAM	1	49	18.27	18.42	18.41	19.1	0
20	16QAM	1	99	18.35	18.38	18.42		
20	16QAM	50	0	18.31	18.48	18.34		
20	16QAM	50	24	18.33	18.38	18.43	19.1	0
20	16QAM	50	50	18.35	18.40	18.44		
20	16QAM	100	0	18.29	18.38	18.34		
20	64QAM	1	0	18.41	18.37	18.35		
20	64QAM	1	49	18.33	18.37	18.36	19.1	0
20	64QAM	1	99	18.30	18.42	18.40		
20	64QAM	50	0	18.34	18.41	18.40		
20	64QAM	50	24	18.33	18.41	18.46	19.1	0
20	64QAM	50	50	18.28	18.47	18.36		
20	64QAM	100	0	18.31	18.43	18.35		
20	256QAM	1	0	18.35	18.45	18.43		
20	256QAM	1	49	18.37	18.38	18.34	19.1	0
20	256QAM	1	99	18.39	18.48	18.39		
20	256QAM	50	0	18.37	18.49	18.39		
20	256QAM	50	24	18.27	18.36	18.44	19.1	0
20	256QAM	50	50	18.37	18.44	18.39		
20	256QAM	100	0	18.37	18.48	18.38		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.33	18.36	18.41		
15	QPSK	1	37	18.27	18.34	18.25	19.1	0
15	QPSK	1	74	18.22	18.24	18.34		
15	QPSK	36	0	18.37	18.46	18.31		
15	QPSK	36	20	18.33	18.33	18.38	19.1	0
15	QPSK	36	39	18.34	18.39	18.33		
15	QPSK	75	0	18.31	18.33	18.38		
15	16QAM	1	0	18.27	18.42	18.40		
15	16QAM	1	37	18.26	18.35	18.39	19.1	0
15	16QAM	1	74	18.25	18.26	18.33		
15	16QAM	36	0	18.27	18.33	18.31		
15	16QAM	36	20	18.28	18.26	18.29	19.1	0
15	16QAM	36	39	18.30	18.39	18.38		
15	16QAM	75	0	18.23	18.29	18.20		
15	64QAM	1	0	18.32	18.32	18.31		
15	64QAM	1	37	18.30	18.22	18.25	19.1	0
15	64QAM	1	74	18.25	18.38	18.37		
15	64QAM	36	0	18.28	18.31	18.34		
15	64QAM	36	20	18.19	18.36	18.39	19.1	0
15	64QAM	36	39	18.19	18.45	18.26		
15	64QAM	75	0	18.21	18.36	18.33		
15	256QAM	1	0	18.30	18.35	18.42		
15	256QAM	1	37	18.26	18.28	18.32	19.1	0
15	256QAM	1	74	18.35	18.35	18.35		
15	256QAM	36	0	18.28	18.46	18.30		
15	256QAM	36	20	18.19	18.31	18.42	19.1	0
15	256QAM	36	39	18.32	18.32	18.27		
15	256QAM	75	0	18.26	18.44	18.28		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.32	18.48	18.42		
10	QPSK	1	25	18.17	18.33	18.33	19.1	0
10	QPSK	1	49	18.25	18.33	18.35		
10	QPSK	25	0	18.29	18.35	18.35		
10	QPSK	25	12	18.31	18.35	18.31	19.1	0
10	QPSK	25	25	18.25	18.33	18.29		
10	QPSK	50	0	18.27	18.33	18.37		
10	16QAM	1	0	18.29	18.36	18.40		
10	16QAM	1	25	18.25	18.37	18.39	19.1	0
10	16QAM	1	49	18.21	18.32	18.36		
10	16QAM	25	0	18.23	18.33	18.33		
10	16QAM	25	12	18.19	18.30	18.36	19.1	0
10	16QAM	25	25	18.23	18.26	18.31		
10	16QAM	50	0	18.21	18.37	18.28		
10	64QAM	1	0	18.30	18.22	18.28		
10	64QAM	1	25	18.28	18.31	18.28	19.1	0
10	64QAM	1	49	18.23	18.41	18.28		
10	64QAM	25	0	18.27	18.28	18.35		
10	64QAM	25	12	18.21	18.33	18.41	19.1	0
10	64QAM	25	25	18.14	18.45	18.26		
10	64QAM	50	0	18.20	18.41	18.34		
10	256QAM	1	0	18.31	18.44	18.38		
10	256QAM	1	25	18.34	18.31	18.30	19.1	0
10	256QAM	1	49	18.34	18.44	18.31		
10	256QAM	25	0	18.27	18.34	18.26		
10	256QAM	25	12	18.16	18.28	18.35	19.1	0
10	256QAM	25	25	18.35	18.38	18.36		
10	256QAM	50	0	18.27	18.38	18.34		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.33	18.49	18.43		
5	QPSK	1	12	18.26	18.33	18.31	19.1	0
5	QPSK	1	24	18.20	18.24	18.32		
5	QPSK	12	0	18.32	18.47	18.35		
5	QPSK	12	7	18.25	18.43	18.38	19.1	0
5	QPSK	12	13	18.22	18.42	18.24		
5	QPSK	25	0	18.27	18.32	18.27		
5	16QAM	1	0	18.37	18.35	18.33		
5	16QAM	1	12	18.20	18.38	18.32	19.1	0
5	16QAM	1	24	18.22	18.35	18.31		
5	16QAM	12	0	18.18	18.45	18.19		
5	16QAM	12	7	18.32	18.35	18.33	19.1	0
5	16QAM	12	13	18.27	18.36	18.36		
5	16QAM	25	0	18.21	18.35	18.31		
5	64QAM	1	0	18.31	18.33	18.27		
5	64QAM	1	12	18.22	18.33	18.29	19.1	0
5	64QAM	1	24	18.17	18.34	18.28		
5	64QAM	12	0	18.32	18.40	18.39		
5	64QAM	12	7	18.30	18.30	18.40	19.1	0
5	64QAM	12	13	18.18	18.37	18.30		
5	64QAM	25	0	18.18	18.30	18.31		
5	256QAM	1	0	18.30	18.44	18.30		
5	256QAM	1	12	18.27	18.27	18.26	19.1	0
5	256QAM	1	24	18.30	18.45	18.31		
5	256QAM	12	0	18.23	18.46	18.29		
5	256QAM	12	7	18.24	18.27	18.38	19.1	0
5	256QAM	12	13	18.23	18.29	18.32		
5	256QAM	25	0	18.32	18.43	18.37		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.41	18.36	18.36		
3	QPSK	1	8	18.28	18.32	18.19	19.1	0
3	QPSK	1	14	18.21	18.25	18.34		
3	QPSK	8	0	18.28	18.41	18.33		
3	QPSK	8	4	18.20	18.40	18.26	19.1	0
3	QPSK	8	7	18.33	18.34	18.24		
3	QPSK	15	0	18.29	18.33	18.38		
3	16QAM	1	0	18.25	18.40	18.39		
3	16QAM	1	8	18.24	18.29	18.38	19.1	0
3	16QAM	1	14	18.24	18.28	18.38		
3	16QAM	8	0	18.21	18.37	18.23		
3	16QAM	8	4	18.24	18.32	18.35	19.1	0
3	16QAM	8	7	18.29	18.34	18.29		
3	16QAM	15	0	18.21	18.36	18.20		
3	64QAM	1	0	18.32	18.28	18.22		
3	64QAM	1	8	18.29	18.32	18.32	19.1	0
3	64QAM	1	14	18.24	18.32	18.33		
3	64QAM	8	0	18.22	18.26	18.37		
3	64QAM	8	4	18.18	18.40	18.45	19.1	0
3	64QAM	8	7	18.20	18.38	18.34		
3	64QAM	15	0	18.18	18.39	18.34		
3	256QAM	1	0	18.22	18.30	18.39		
3	256QAM	1	8	18.27	18.32	18.28	19.1	0
3	256QAM	1	14	18.30	18.45	18.37		
3	256QAM	8	0	18.28	18.43	18.32		
3	256QAM	8	4	18.26	18.35	18.33	19.1	0
3	256QAM	8	7	18.23	18.35	18.37		
3	256QAM	15	0	18.22	18.44	18.27		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.31	18.49	18.32		
1.4	QPSK	1	3	18.22	18.32	18.32		
1.4	QPSK	1	5	18.14	18.25	18.23	19.1	0
1.4	QPSK	3	0	18.30	18.40	18.32		
1.4	QPSK	3	1	18.22	18.40	18.36		
1.4	QPSK	3	3	18.23	18.43	18.34		
1.4	QPSK	6	0	18.34	18.35	18.27	19.1	0
1.4	16QAM	1	0	18.35	18.47	18.42		
1.4	16QAM	1	3	18.18	18.35	18.33		
1.4	16QAM	1	5	18.34	18.31	18.33	19.1	0
1.4	16QAM	3	0	18.24	18.42	18.32		
1.4	16QAM	3	1	18.30	18.32	18.37		
1.4	16QAM	3	3	18.25	18.35	18.41		
1.4	16QAM	6	0	18.27	18.24	18.25	19.1	0
1.4	64QAM	1	0	18.32	18.29	18.28		
1.4	64QAM	1	3	18.30	18.25	18.34	19.1	0
1.4	64QAM	1	5	18.28	18.28	18.28		
1.4	64QAM	3	0	18.22	18.36	18.37		
1.4	64QAM	3	1	18.27	18.30	18.33		
1.4	64QAM	3	3	18.24	18.42	18.31		
1.4	64QAM	6	0	18.23	18.38	18.23	19.1	0
1.4	256QAM	1	0	18.34	18.38	18.28		
1.4	256QAM	1	3	18.22	18.37	18.20	19.1	0
1.4	256QAM	1	5	18.34	18.42	18.28		
1.4	256QAM	3	0	18.36	18.42	18.33		
1.4	256QAM	3	1	18.26	18.27	18.29		
1.4	256QAM	3	3	18.33	18.32	18.29		
1.4	256QAM	6	0	18.35	18.47	18.31	19.1	0

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BW [MHz]	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	19.20	19.22	19.18	19.9	0
20	QPSK	1	49	19.17	19.21	19.09		
20	QPSK	1	99	19.09	19.19	19.14		
20	QPSK	50	0	19.18	19.20	19.14	19.9	0
20	QPSK	50	24	19.10	19.18	19.12		
20	QPSK	50	50	19.05	19.10	19.03		
20	QPSK	100	0	19.06	19.17	19.13		
20	16QAM	1	0	19.19	19.14	19.07	19.9	0
20	16QAM	1	49	19.13	19.11	19.09		
20	16QAM	1	99	19.09	19.18	19.17		
20	16QAM	50	0	19.08	19.13	19.12	19.9	0
20	16QAM	50	24	19.14	19.11	19.13		
20	16QAM	50	50	19.05	19.10	19.07		
20	16QAM	100	0	19.17	19.15	19.03		
20	64QAM	1	0	19.05	19.15	19.04	19.9	0
20	64QAM	1	49	19.07	19.09	19.07		
20	64QAM	1	99	19.08	19.15	19.05		
20	64QAM	50	0	19.16	19.19	19.14	19.9	0
20	64QAM	50	24	19.07	19.15	19.07		
20	64QAM	50	50	19.13	19.12	19.14		
20	64QAM	100	0	19.07	19.08	19.15		
20	256QAM	1	0	18.62	18.68	18.61	19.4	0.5
20	256QAM	1	49	18.65	18.64	18.58		
20	256QAM	1	99	18.59	18.68	18.62		
20	256QAM	50	0	18.57	18.65	18.68	19.4	0.5
20	256QAM	50	24	18.63	18.66	18.59		
20	256QAM	50	50	18.55	18.63	18.61		
20	256QAM	100	0	18.59	18.68	18.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.09	19.18	19.04	19.9	0
15	QPSK	1	37	19.03	19.17	19.07		
15	QPSK	1	74	19.02	19.17	19.02		
15	QPSK	36	0	19.04	19.05	19.11	19.9	0
15	QPSK	36	20	18.99	19.08	19.00		
15	QPSK	36	39	18.91	18.95	18.89		
15	QPSK	75	0	18.96	19.14	18.98		
15	16QAM	1	0	19.18	19.02	18.95	19.9	0
15	16QAM	1	37	19.11	19.03	18.95		
15	16QAM	1	74	19.03	19.12	19.02		
15	16QAM	36	0	19.05	19.00	19.02	19.9	0
15	16QAM	36	20	19.04	19.05	19.02		
15	16QAM	36	39	18.91	19.03	18.97		
15	16QAM	75	0	19.03	19.02	18.88		
15	64QAM	1	0	18.96	19.05	19.02	19.9	0
15	64QAM	1	37	18.96	18.98	18.99		
15	64QAM	1	74	18.97	19.05	18.97		
15	64QAM	36	0	19.02	19.10	19.11	19.9	0
15	64QAM	36	20	18.95	19.03	18.93		
15	64QAM	36	39	19.02	19.11	19.01		
15	64QAM	75	0	18.99	19.04	19.10		
15	256QAM	1	0	18.56	18.59	18.57	19.4	0.5
15	256QAM	1	37	18.61	18.61	18.45		
15	256QAM	1	74	18.49	18.67	18.57		
15	256QAM	36	0	18.43	18.62	18.67	19.4	0.5
15	256QAM	36	20	18.58	18.52	18.49		
15	256QAM	36	39	18.44	18.52	18.57		
15	256QAM	75	0	18.57	18.65	18.48		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.05	19.15	19.16	19.9	0
10	QPSK	1	25	19.16	19.16	18.95		
10	QPSK	1	49	19.07	19.15	19.05		
10	QPSK	25	0	19.10	19.12	19.09	19.9	0
10	QPSK	25	12	19.02	19.03	19.06		
10	QPSK	25	25	18.98	19.00	19.01		
10	QPSK	50	0	19.00	19.07	19.05		
10	16QAM	1	0	19.13	19.07	19.04	19.9	0
10	16QAM	1	25	19.00	19.07	19.00		
10	16QAM	1	49	19.06	19.13	19.16		
10	16QAM	25	0	19.06	19.10	19.09	19.9	0
10	16QAM	25	12	19.12	19.02	19.06		
10	16QAM	25	25	18.90	19.01	18.96		
10	16QAM	50	0	19.02	19.03	18.96		
10	64QAM	1	0	18.90	19.13	19.03	19.9	0
10	64QAM	1	25	19.04	19.06	18.99		
10	64QAM	1	49	18.98	19.03	19.01		
10	64QAM	25	0	19.09	19.10	19.01	19.9	0
10	64QAM	25	12	18.93	19.10	18.97		
10	64QAM	25	25	19.03	19.07	19.07		
10	64QAM	50	0	18.95	19.02	19.06		
10	256QAM	1	0	18.59	18.57	18.60	19.4	0.5
10	256QAM	1	25	18.53	18.54	18.50		
10	256QAM	1	49	18.49	18.66	18.51		
10	256QAM	25	0	18.44	18.58	18.53	19.4	0.5
10	256QAM	25	12	18.59	18.55	18.52		
10	256QAM	25	25	18.53	18.58	18.52		
10	256QAM	50	0	18.47	18.53	18.54		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.15	19.20	19.15	19.9	0
5	QPSK	1	12	19.08	19.20	19.00		
5	QPSK	1	24	18.98	19.12	19.03		
5	QPSK	12	0	19.16	19.09	19.00	19.9	0
5	QPSK	12	7	19.06	19.13	19.08		
5	QPSK	12	13	19.00	18.97	18.94		
5	QPSK	25	0	19.03	19.16	19.11		
5	16QAM	1	0	19.07	19.08	19.02	19.9	0
5	16QAM	1	12	19.00	18.98	19.07		
5	16QAM	1	24	19.01	19.16	19.03		
5	16QAM	12	0	19.05	19.04	18.98	19.9	0
5	16QAM	12	7	19.12	19.02	19.00		
5	16QAM	12	13	19.03	19.02	19.01		
5	16QAM	25	0	19.15	19.04	18.97		
5	64QAM	1	0	18.90	19.09	18.93	19.9	0
5	64QAM	1	12	18.96	18.96	18.92		
5	64QAM	1	24	18.93	19.02	18.97		
5	64QAM	12	0	19.03	19.11	19.02	19.9	0
5	64QAM	12	7	19.01	19.09	18.94		
5	64QAM	12	13	19.05	18.97	19.02		
5	64QAM	25	0	18.94	18.96	19.04		
5	256QAM	1	0	18.58	18.55	18.53	19.4	0.5
5	256QAM	1	12	18.63	18.54	18.46		
5	256QAM	1	24	18.57	18.59	18.59		
5	256QAM	12	0	18.53	18.58	18.63	19.4	0.5
5	256QAM	12	7	18.53	18.63	18.53		
5	256QAM	12	13	18.49	18.58	18.50		
5	256QAM	25	0	18.54	18.58	18.53		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.05	19.07	19.13	19.9	0
3	QPSK	1	8	19.04	19.11	18.95		
3	QPSK	1	14	18.99	19.13	19.04		
3	QPSK	8	0	19.13	19.10	19.11	19.9	0
3	QPSK	8	4	18.96	19.04	18.98		
3	QPSK	8	7	18.93	19.06	18.90		
3	QPSK	15	0	18.97	19.15	19.06		
3	16QAM	1	0	19.09	19.05	18.99	19.9	0
3	16QAM	1	8	19.08	19.00	18.96		
3	16QAM	1	14	18.97	19.04	19.12		
3	16QAM	8	0	18.95	19.07	19.09	19.9	0
3	16QAM	8	4	18.99	19.04	19.02		
3	16QAM	8	7	18.91	19.04	18.92		
3	16QAM	15	0	19.07	19.08	19.00		
3	64QAM	1	0	19.02	19.06	18.95	19.9	0
3	64QAM	1	8	19.03	18.97	19.01		
3	64QAM	1	14	18.99	19.08	19.03		
3	64QAM	8	0	19.01	19.10	18.99	19.9	0
3	64QAM	8	4	18.97	19.06	18.99		
3	64QAM	8	7	19.09	19.05	19.09		
3	64QAM	15	0	18.99	19.01	19.08		
3	256QAM	1	0	18.59	18.63	18.58	19.4	0.5
3	256QAM	1	8	18.60	18.57	18.45		
3	256QAM	1	14	18.54	18.62	18.58		
3	256QAM	8	0	18.47	18.54	18.60	19.4	0.5
3	256QAM	8	4	18.54	18.57	18.50		
3	256QAM	8	7	18.49	18.60	18.51		
3	256QAM	15	0	18.55	18.62	18.56		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.13	19.16	19.15	19.9	0
1.4	QPSK	1	3	19.13	19.20	18.99		
1.4	QPSK	1	5	19.05	19.05	19.07		
1.4	QPSK	3	0	19.03	19.06	19.10		
1.4	QPSK	3	1	18.98	19.07	18.99		
1.4	QPSK	3	3	18.98	18.95	18.99		
1.4	QPSK	6	0	18.91	19.15	19.02	19.9	0
1.4	16QAM	1	0	19.07	19.04	19.04	19.9	0
1.4	16QAM	1	3	19.11	19.00	19.07		
1.4	16QAM	1	5	19.04	19.14	19.07		
1.4	16QAM	3	0	19.04	19.02	18.98		
1.4	16QAM	3	1	19.10	18.99	19.01		
1.4	16QAM	3	3	18.95	19.07	19.06		
1.4	16QAM	6	0	19.14	19.01	18.89	19.9	0
1.4	64QAM	1	0	18.98	19.12	18.92	19.9	0
1.4	64QAM	1	3	19.00	19.00	18.94		
1.4	64QAM	1	5	18.95	19.00	18.99		
1.4	64QAM	3	0	19.06	19.06	18.99		
1.4	64QAM	3	1	19.04	19.09	18.95		
1.4	64QAM	3	3	19.08	19.06	19.01		
1.4	64QAM	6	0	18.95	18.95	19.11	19.9	0
1.4	256QAM	1	0	18.60	18.53	18.48	19.4	0.5
1.4	256QAM	1	3	18.57	18.63	18.52		
1.4	256QAM	1	5	18.54	18.54	18.61		
1.4	256QAM	3	0	18.49	18.52	18.62		
1.4	256QAM	3	1	18.62	18.62	18.54		
1.4	256QAM	3	3	18.47	18.58	18.48		
1.4	256QAM	6	0	18.45	18.58	18.45	19.4	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	17.00	17.05	17.02	18.3	0
20	QPSK	1	49	16.89	16.90	16.94		
20	QPSK	1	99	16.90	17.00	16.91		
20	QPSK	50	0	16.98	17.03	17.00	18.3	0
20	QPSK	50	24	16.90	17.00	16.97		
20	QPSK	50	50	16.92	16.99	16.96		
20	QPSK	100	0	16.95	17.00	16.89		
20	16QAM	1	0	16.88	16.98	16.96	18.3	0
20	16QAM	1	49	16.88	17.04	16.89		
20	16QAM	1	99	16.96	16.98	16.88		
20	16QAM	50	0	16.94	17.02	16.99	18.3	0
20	16QAM	50	24	16.88	16.91	16.97		
20	16QAM	50	50	16.87	16.93	16.88		
20	16QAM	100	0	16.86	16.91	16.93		
20	64QAM	1	0	16.93	17.00	16.88	18.3	0
20	64QAM	1	49	16.86	16.98	16.95		
20	64QAM	1	99	16.91	16.92	16.91		
20	64QAM	50	0	16.93	17.03	16.88	18.3	0
20	64QAM	50	24	16.89	16.94	16.88		
20	64QAM	50	50	16.88	16.93	16.94		
20	64QAM	100	0	16.98	16.96	16.97		
20	256QAM	1	0	15.60	15.62	15.51	16.8	1.5
20	256QAM	1	49	15.58	15.59	15.50		
20	256QAM	1	99	15.43	15.48	15.39		
20	256QAM	50	0	15.49	15.51	15.47	16.8	1.5
20	256QAM	50	24	15.52	15.55	15.53		
20	256QAM	50	50	15.39	15.48	15.45		
20	256QAM	100	0	15.50	15.59	15.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.99	16.99	16.94	18.3	0
15	QPSK	1	37	16.78	16.78	16.84		
15	QPSK	1	74	16.75	16.99	16.82		
15	QPSK	36	0	16.96	17.00	16.97	18.3	0
15	QPSK	36	20	16.75	16.90	16.92		
15	QPSK	36	39	16.91	16.93	16.94		
15	QPSK	75	0	16.92	16.98	16.81		
15	16QAM	1	0	16.77	16.87	16.83	18.3	0
15	16QAM	1	37	16.73	16.97	16.77		
15	16QAM	1	74	16.90	16.90	16.77		
15	16QAM	36	0	16.81	16.94	16.97	18.3	0
15	16QAM	36	20	16.86	16.76	16.87		
15	16QAM	36	39	16.86	16.86	16.73		
15	16QAM	75	0	16.71	16.76	16.84		
15	64QAM	1	0	16.81	16.85	16.81	18.3	0
15	64QAM	1	37	16.71	16.96	16.81		
15	64QAM	1	74	16.86	16.79	16.76		
15	64QAM	36	0	16.88	17.01	16.84	18.3	0
15	64QAM	36	20	16.79	16.93	16.81		
15	64QAM	36	39	16.85	16.79	16.81		
15	64QAM	75	0	16.97	16.82	16.91		
15	256QAM	1	0	15.45	15.56	15.50	16.8	1.5
15	256QAM	1	37	15.45	15.49	15.42		
15	256QAM	1	74	15.38	15.44	15.35		
15	256QAM	36	0	15.42	15.45	15.40	16.8	1.5
15	256QAM	36	20	15.44	15.53	15.42		
15	256QAM	36	39	15.26	15.36	15.42		
15	256QAM	75	0	15.42	15.47	15.43		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.92	16.96	16.97	18.3	0
10	QPSK	1	25	16.87	16.84	16.83		
10	QPSK	1	49	16.87	16.93	16.78		
10	QPSK	25	0	16.86	16.94	16.91	18.3	0
10	QPSK	25	12	16.79	16.92	16.86		
10	QPSK	25	25	16.78	16.84	16.90		
10	QPSK	50	0	16.82	16.99	16.80		
10	16QAM	1	0	16.78	16.85	16.84	18.3	0
10	16QAM	1	25	16.79	17.02	16.77		
10	16QAM	1	49	16.88	16.97	16.79		
10	16QAM	25	0	16.79	16.88	16.93	18.3	0
10	16QAM	25	12	16.86	16.77	16.91		
10	16QAM	25	25	16.76	16.79	16.76		
10	16QAM	50	0	16.82	16.77	16.90		
10	64QAM	1	0	16.83	16.85	16.84	18.3	0
10	64QAM	1	25	16.79	16.93	16.85		
10	64QAM	1	49	16.87	16.85	16.85		
10	64QAM	25	0	16.84	16.93	16.87	18.3	0
10	64QAM	25	12	16.76	16.91	16.81		
10	64QAM	25	25	16.86	16.87	16.85		
10	64QAM	50	0	16.83	16.81	16.93		
10	256QAM	1	0	15.59	15.49	15.39	16.8	1.5
10	256QAM	1	25	15.54	15.58	15.41		
10	256QAM	1	49	15.37	15.35	15.26		
10	256QAM	25	0	15.37	15.49	15.42	16.8	1.5
10	256QAM	25	12	15.43	15.43	15.51		
10	256QAM	25	25	15.32	15.39	15.41		
10	256QAM	50	0	15.41	15.51	15.42		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.85	16.99	16.90	18.3	0
5	QPSK	1	12	16.88	16.78	16.79		
5	QPSK	1	24	16.80	16.94	16.83		
5	QPSK	12	0	16.93	16.91	16.97	18.3	0
5	QPSK	12	7	16.78	16.90	16.96		
5	QPSK	12	13	16.82	16.86	16.82		
5	QPSK	25	0	16.82	16.85	16.80		
5	16QAM	1	0	16.84	16.95	16.86	18.3	0
5	16QAM	1	12	16.84	17.03	16.84		
5	16QAM	1	24	16.94	16.88	16.79		
5	16QAM	12	0	16.80	16.95	16.86	18.3	0
5	16QAM	12	7	16.86	16.82	16.96		
5	16QAM	12	13	16.81	16.80	16.77		
5	16QAM	25	0	16.84	16.89	16.81		
5	64QAM	1	0	16.79	16.86	16.81	18.3	0
5	64QAM	1	12	16.73	16.86	16.84		
5	64QAM	1	24	16.83	16.85	16.85		
5	64QAM	12	0	16.89	17.00	16.79	18.3	0
5	64QAM	12	7	16.88	16.93	16.74		
5	64QAM	12	13	16.80	16.84	16.92		
5	64QAM	25	0	16.84	16.92	16.87		
5	256QAM	1	0	15.52	15.50	15.40	16.8	1.5
5	256QAM	1	12	15.53	15.53	15.36		
5	256QAM	1	24	15.32	15.45	15.25		
5	256QAM	12	0	15.47	15.40	15.32	16.8	1.5
5	256QAM	12	7	15.41	15.52	15.44		
5	256QAM	12	13	15.26	15.36	15.40		
5	256QAM	25	0	15.44	15.48	15.42		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.91	17.04	16.90	18.3	0
3	QPSK	1	8	16.88	16.86	16.80		
3	QPSK	1	14	16.87	16.89	16.90		
3	QPSK	8	0	16.85	17.00	16.89	18.3	0
3	QPSK	8	4	16.82	16.95	16.91		
3	QPSK	8	7	16.84	16.84	16.91		
3	QPSK	15	0	16.88	16.90	16.78		
3	16QAM	1	0	16.84	16.90	16.81	18.3	0
3	16QAM	1	8	16.87	16.96	16.86		
3	16QAM	1	14	16.92	16.84	16.85		
3	16QAM	8	0	16.84	16.88	16.91	18.3	0
3	16QAM	8	4	16.74	16.89	16.86		
3	16QAM	8	7	16.77	16.91	16.82		
3	16QAM	15	0	16.76	16.90	16.90		
3	64QAM	1	0	16.86	16.97	16.79	18.3	0
3	64QAM	1	8	16.73	16.83	16.84		
3	64QAM	1	14	16.82	16.91	16.76		
3	64QAM	8	0	16.86	16.90	16.86	18.3	0
3	64QAM	8	4	16.87	16.84	16.81		
3	64QAM	8	7	16.79	16.79	16.85		
3	64QAM	15	0	16.87	16.85	16.84		
3	256QAM	1	0	15.49	15.55	15.43	16.8	1.5
3	256QAM	1	8	15.56	15.47	15.42		
3	256QAM	1	14	15.31	15.45	15.27		
3	256QAM	8	0	15.38	15.42	15.46	16.8	1.5
3	256QAM	8	4	15.40	15.45	15.38		
3	256QAM	8	7	15.36	15.35	15.37		
3	256QAM	15	0	15.45	15.58	15.55		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.98	16.92	17.01	18.3	0
1.4	QPSK	1	3	16.79	16.86	16.80		
1.4	QPSK	1	5	16.87	16.91	16.87		
1.4	QPSK	3	0	16.90	16.93	16.91		
1.4	QPSK	3	1	16.84	16.93	16.86		
1.4	QPSK	3	3	16.91	16.98	16.92		
1.4	QPSK	6	0	16.92	16.87	16.78	18.3	0
1.4	16QAM	1	0	16.81	16.83	16.94	18.3	0
1.4	16QAM	1	3	16.83	16.99	16.82		
1.4	16QAM	1	5	16.95	16.95	16.80		
1.4	16QAM	3	0	16.85	17.01	16.91		
1.4	16QAM	3	1	16.75	16.82	16.87		
1.4	16QAM	3	3	16.74	16.82	16.83		
1.4	16QAM	6	0	16.79	16.87	16.89	18.3	0
1.4	64QAM	1	0	16.85	16.93	16.85	18.3	0
1.4	64QAM	1	3	16.79	16.96	16.94		
1.4	64QAM	1	5	16.90	16.90	16.80		
1.4	64QAM	3	0	16.81	17.01	16.85		
1.4	64QAM	3	1	16.77	16.85	16.74		
1.4	64QAM	3	3	16.74	16.87	16.91		
1.4	64QAM	6	0	16.85	16.92	16.89	18.3	0
1.4	256QAM	1	0	15.58	15.59	15.47	16.8	1.5
1.4	256QAM	1	3	15.52	15.48	15.42		
1.4	256QAM	1	5	15.38	15.39	15.34		
1.4	256QAM	3	0	15.44	15.48	15.41		
1.4	256QAM	3	1	15.49	15.41	15.47		
1.4	256QAM	3	3	15.32	15.40	15.40		
1.4	256QAM	6	0	15.38	15.48	15.54	16.8	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.82	20.90	20.85	21.5	0
20	QPSK	1	49	20.67	20.78	20.71		
20	QPSK	1	99	20.75	20.86	20.77		
20	QPSK	50	0	20.79	20.85	20.75	21.5	0
20	QPSK	50	24	20.71	20.83	20.70		
20	QPSK	50	50	20.67	20.80	20.70		
20	QPSK	100	0	20.70	20.79	20.73		
20	16QAM	1	0	20.80	20.88	20.81	21.5	0
20	16QAM	1	49	20.71	20.77	20.77		
20	16QAM	1	99	20.80	20.85	20.74		
20	16QAM	50	0	20.68	20.76	20.70	21.5	0
20	16QAM	50	24	20.69	20.77	20.70		
20	16QAM	50	50	20.70	20.82	20.84		
20	16QAM	100	0	20.76	20.78	20.78		
20	64QAM	1	0	20.68	20.84	20.73	21.5	0
20	64QAM	1	49	20.68	20.79	20.83		
20	64QAM	1	99	20.76	20.81	20.77		
20	64QAM	50	0	20.68	20.86	20.83	21.5	0
20	64QAM	50	24	20.80	20.88	20.70		
20	64QAM	50	50	20.84	20.82	20.82		
20	64QAM	100	0	20.79	20.82	20.81		
20	256QAM	1	0	18.91	19.02	18.95	20	1.5
20	256QAM	1	49	18.86	18.91	18.90		
20	256QAM	1	99	19.00	19.01	18.91		
20	256QAM	50	0	18.93	18.97	18.84	20	1.5
20	256QAM	50	24	18.83	18.89	18.81		
20	256QAM	50	50	18.96	18.99	18.88		
20	256QAM	100	0	18.90	18.96	18.94		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.70	20.80	20.71	21.5	0
15	QPSK	1	37	20.52	20.76	20.63		
15	QPSK	1	74	20.61	20.80	20.70		
15	QPSK	36	0	20.72	20.78	20.73	21.5	0
15	QPSK	36	20	20.61	20.68	20.66		
15	QPSK	36	39	20.53	20.78	20.69		
15	QPSK	75	0	20.58	20.73	20.68		
15	16QAM	1	0	20.76	20.76	20.71	21.5	0
15	16QAM	1	37	20.68	20.75	20.63		
15	16QAM	1	74	20.72	20.73	20.64		
15	16QAM	36	0	20.64	20.67	20.63	21.5	0
15	16QAM	36	20	20.64	20.64	20.61		
15	16QAM	36	39	20.63	20.69	20.79		
15	16QAM	75	0	20.64	20.63	20.73		
15	64QAM	1	0	20.53	20.82	20.58	21.5	0
15	64QAM	1	37	20.61	20.65	20.81		
15	64QAM	1	74	20.63	20.71	20.67		
15	64QAM	36	0	20.60	20.71	20.78	21.5	0
15	64QAM	36	20	20.74	20.77	20.63		
15	64QAM	36	39	20.73	20.73	20.78		
15	64QAM	75	0	20.65	20.68	20.76		
15	256QAM	1	0	18.85	18.91	18.86	20	1.5
15	256QAM	1	37	18.74	18.86	18.81		
15	256QAM	1	74	18.93	18.92	18.76		
15	256QAM	36	0	18.91	18.93	18.69	20	1.5
15	256QAM	36	20	18.68	18.86	18.72		
15	256QAM	36	39	18.82	18.84	18.87		
15	256QAM	75	0	18.89	18.89	18.88		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.79	20.88	20.80	21.5	0
10	QPSK	1	25	20.54	20.74	20.70		
10	QPSK	1	49	20.66	20.76	20.62		
10	QPSK	25	0	20.66	20.82	20.65	21.5	0
10	QPSK	25	12	20.66	20.75	20.59		
10	QPSK	25	25	20.58	20.70	20.60		
10	QPSK	50	0	20.67	20.78	20.62		
10	16QAM	1	0	20.71	20.78	20.76	21.5	0
10	16QAM	1	25	20.56	20.69	20.64		
10	16QAM	1	49	20.67	20.70	20.65		
10	16QAM	25	0	20.61	20.72	20.55	21.5	0
10	16QAM	25	12	20.66	20.70	20.58		
10	16QAM	25	25	20.56	20.69	20.82		
10	16QAM	50	0	20.61	20.71	20.73		
10	64QAM	1	0	20.53	20.69	20.59	21.5	0
10	64QAM	1	25	20.61	20.73	20.82		
10	64QAM	1	49	20.70	20.72	20.76		
10	64QAM	25	0	20.57	20.82	20.80	21.5	0
10	64QAM	25	12	20.75	20.83	20.59		
10	64QAM	25	25	20.68	20.81	20.70		
10	64QAM	50	0	20.76	20.81	20.74		
10	256QAM	1	0	18.85	19.01	18.84	20	1.5
10	256QAM	1	25	18.74	18.81	18.80		
10	256QAM	1	49	18.96	18.90	18.85		
10	256QAM	25	0	18.91	18.94	18.77	20	1.5
10	256QAM	25	12	18.68	18.79	18.79		
10	256QAM	25	25	18.87	18.91	18.75		
10	256QAM	50	0	18.75	18.81	18.82		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.75	20.83	20.79	21.5	0
5	QPSK	1	12	20.55	20.69	20.67		
5	QPSK	1	24	20.72	20.76	20.64		
5	QPSK	12	0	20.69	20.79	20.72	21.5	0
5	QPSK	12	7	20.65	20.69	20.58		
5	QPSK	12	13	20.58	20.65	20.57		
5	QPSK	25	0	20.56	20.71	20.67		
5	16QAM	1	0	20.69	20.77	20.73	21.5	0
5	16QAM	1	12	20.65	20.73	20.62		
5	16QAM	1	24	20.78	20.76	20.73		
5	16QAM	12	0	20.53	20.67	20.59	21.5	0
5	16QAM	12	7	20.61	20.76	20.69		
5	16QAM	12	13	20.56	20.73	20.72		
5	16QAM	25	0	20.61	20.63	20.73		
5	64QAM	1	0	20.67	20.70	20.71	21.5	0
5	64QAM	1	12	20.67	20.77	20.68		
5	64QAM	1	24	20.70	20.78	20.63		
5	64QAM	12	0	20.60	20.77	20.75	21.5	0
5	64QAM	12	7	20.69	20.74	20.56		
5	64QAM	12	13	20.75	20.78	20.72		
5	64QAM	25	0	20.77	20.81	20.68		
5	256QAM	1	0	18.79	18.98	18.92	20	1.5
5	256QAM	1	12	18.75	18.81	18.75		
5	256QAM	1	24	18.93	19.00	18.76		
5	256QAM	12	0	18.85	18.88	18.77	20	1.5
5	256QAM	12	7	18.79	18.87	18.79		
5	256QAM	12	13	18.81	18.92	18.73		
5	256QAM	25	0	18.87	18.93	18.89		

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BW [MHz]	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	18.32	18.38	18.30	18.9	0
20	QPSK	1	49	18.18	18.29	18.26		
20	QPSK	1	99	18.23	18.33	18.18		
20	QPSK	50	0	18.22	18.36	18.28	18.9	0
20	QPSK	50	24	18.19	18.23	18.26		
20	QPSK	50	50	18.20	18.24	18.23		
20	QPSK	100	0	18.20	18.34	18.26		
20	16QAM	1	0	18.28	18.23	18.16	18.9	0
20	16QAM	1	49	18.31	18.31	18.15		
20	16QAM	1	99	18.27	18.25	18.27		
20	16QAM	50	0	18.18	18.36	18.21	18.9	0
20	16QAM	50	24	18.19	18.26	18.19		
20	16QAM	50	50	18.19	18.34	18.22		
20	16QAM	100	0	18.18	18.25	18.17		
20	64QAM	1	0	18.18	18.29	18.24	18.9	0
20	64QAM	1	49	18.20	18.32	18.17		
20	64QAM	1	99	18.22	18.26	18.22		
20	64QAM	50	0	18.22	18.26	18.24	18.9	0
20	64QAM	50	24	18.25	18.24	18.23		
20	64QAM	50	50	18.29	18.31	18.20		
20	64QAM	100	0	18.26	18.31	18.23		
20	256QAM	1	0	18.30	18.36	18.27	18.9	0
20	256QAM	1	49	18.21	18.23	18.15		
20	256QAM	1	99	18.19	18.33	18.25		
20	256QAM	50	0	18.28	18.26	18.28	18.9	0
20	256QAM	50	24	18.18	18.29	18.21		
20	256QAM	50	50	18.20	18.33	18.23		
20	256QAM	100	0	18.30	18.34	18.20		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.30	18.36	18.17	18.9	0
15	QPSK	1	37	18.14	18.17	18.16		
15	QPSK	1	74	18.17	18.32	18.05		
15	QPSK	36	0	18.21	18.29	18.23	18.9	0
15	QPSK	36	20	18.06	18.14	18.12		
15	QPSK	36	39	18.05	18.22	18.08		
15	QPSK	75	0	18.12	18.19	18.11		
15	16QAM	1	0	18.22	18.15	18.13	18.9	0
15	16QAM	1	37	18.21	18.30	18.11		
15	16QAM	1	74	18.18	18.15	18.16		
15	16QAM	36	0	18.08	18.32	18.08	18.9	0
15	16QAM	36	20	18.05	18.22	18.18		
15	16QAM	36	39	18.18	18.20	18.07		
15	16QAM	75	0	18.05	18.13	18.15		
15	64QAM	1	0	18.17	18.16	18.12	18.9	0
15	64QAM	1	37	18.10	18.30	18.13		
15	64QAM	1	74	18.12	18.12	18.19		
15	64QAM	36	0	18.21	18.22	18.21	18.9	0
15	64QAM	36	20	18.19	18.20	18.22		
15	64QAM	36	39	18.22	18.20	18.18		
15	64QAM	75	0	18.13	18.27	18.09		
15	256QAM	1	0	18.16	18.27	18.23	18.9	0
15	256QAM	1	37	18.20	18.22	18.03		
15	256QAM	1	74	18.14	18.28	18.20		
15	256QAM	36	0	18.25	18.11	18.27	18.9	0
15	256QAM	36	20	18.08	18.16	18.06		
15	256QAM	36	39	18.19	18.22	18.11		
15	256QAM	75	0	18.22	18.19	18.06		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.24	18.27	18.29	18.9	0
10	QPSK	1	25	18.08	18.23	18.19		
10	QPSK	1	49	18.13	18.30	18.14		
10	QPSK	25	0	18.13	18.33	18.26	18.9	0
10	QPSK	25	12	18.18	18.12	18.25		
10	QPSK	25	25	18.09	18.13	18.09		
10	QPSK	50	0	18.11	18.28	18.18		
10	16QAM	1	0	18.22	18.10	18.13	18.9	0
10	16QAM	1	25	18.28	18.21	18.02		
10	16QAM	1	49	18.22	18.10	18.18		
10	16QAM	25	0	18.15	18.29	18.12	18.9	0
10	16QAM	25	12	18.12	18.15	18.04		
10	16QAM	25	25	18.12	18.32	18.15		
10	16QAM	50	0	18.05	18.20	18.05		
10	64QAM	1	0	18.07	18.26	18.18	18.9	0
10	64QAM	1	25	18.15	18.20	18.05		
10	64QAM	1	49	18.09	18.14	18.10		
10	64QAM	25	0	18.13	18.16	18.23	18.9	0
10	64QAM	25	12	18.13	18.17	18.12		
10	64QAM	25	25	18.14	18.28	18.08		
10	64QAM	50	0	18.16	18.29	18.16		
10	256QAM	1	0	18.28	18.22	18.25	18.9	0
10	256QAM	1	25	18.11	18.20	18.01		
10	256QAM	1	49	18.07	18.20	18.23		
10	256QAM	25	0	18.26	18.24	18.20	18.9	0
10	256QAM	25	12	18.17	18.18	18.09		
10	256QAM	25	25	18.09	18.32	18.16		
10	256QAM	50	0	18.19	18.26	18.06		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.20	18.24	18.28	18.9	0
5	QPSK	1	12	18.10	18.15	18.21		
5	QPSK	1	24	18.10	18.21	18.10		
5	QPSK	12	0	18.07	18.27	18.15	18.9	0
5	QPSK	12	7	18.17	18.22	18.17		
5	QPSK	12	13	18.14	18.21	18.14		
5	QPSK	25	0	18.19	18.28	18.20		
5	16QAM	1	0	18.25	18.11	18.01	18.9	0
5	16QAM	1	12	18.17	18.20	18.09		
5	16QAM	1	24	18.25	18.21	18.18		
5	16QAM	12	0	18.17	18.24	18.15	18.9	0
5	16QAM	12	7	18.18	18.16	18.14		
5	16QAM	12	13	18.12	18.31	18.08		
5	16QAM	25	0	18.14	18.23	18.15		
5	64QAM	1	0	18.17	18.25	18.17	18.9	0
5	64QAM	1	12	18.16	18.18	18.06		
5	64QAM	1	24	18.07	18.23	18.12		
5	64QAM	12	0	18.19	18.12	18.13	18.9	0
5	64QAM	12	7	18.20	18.21	18.12		
5	64QAM	12	13	18.25	18.29	18.11		
5	64QAM	25	0	18.20	18.19	18.22		
5	256QAM	1	0	18.26	18.25	18.12	18.9	0
5	256QAM	1	12	18.19	18.20	18.00		
5	256QAM	1	24	18.07	18.31	18.10		
5	256QAM	12	0	18.23	18.24	18.24	18.9	0
5	256QAM	12	7	18.08	18.23	18.13		
5	256QAM	12	13	18.16	18.20	18.21		
5	256QAM	25	0	18.21	18.28	18.17		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.30	18.33	18.28	18.9	0
20	QPSK	1	49	18.20	18.27	18.17		
20	QPSK	1	99	18.16	18.32	18.24		
20	QPSK	50	0	18.28	18.32	18.21	18.9	0
20	QPSK	50	24	18.27	18.30	18.16		
20	QPSK	50	50	18.20	18.28	18.16		
20	QPSK	100	0	18.22	18.29	18.18		
20	16QAM	1	0	18.16	18.29	18.22	18.9	0
20	16QAM	1	49	18.23	18.20	18.25		
20	16QAM	1	99	18.23	18.28	18.26		
20	16QAM	50	0	18.18	18.18	18.15	18.9	0
20	16QAM	50	24	18.24	18.27	18.15		
20	16QAM	50	50	18.29	18.19	18.13		
20	16QAM	100	0	18.25	18.26	18.19		
20	64QAM	1	0	18.22	18.31	18.13	18.9	0
20	64QAM	1	49	18.15	18.31	18.27		
20	64QAM	1	99	18.27	18.30	18.25		
20	64QAM	50	0	18.26	18.18	18.20	18.9	0
20	64QAM	50	24	18.15	18.26	18.15		
20	64QAM	50	50	18.25	18.32	18.18		
20	64QAM	100	0	18.21	18.25	18.13		
20	256QAM	1	0	18.16	18.28	18.17	18.9	0
20	256QAM	1	49	18.19	18.30	18.14		
20	256QAM	1	99	18.22	18.22	18.20		
20	256QAM	50	0	18.16	18.31	18.15	18.9	0
20	256QAM	50	24	18.24	18.26	18.20		
20	256QAM	50	50	18.24	18.31	18.18		
20	256QAM	100	0	18.15	18.27	18.25		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.28	18.23	18.16	18.9	0
15	QPSK	1	37	18.07	18.24	18.16		
15	QPSK	1	74	18.05	18.24	18.15		
15	QPSK	36	0	18.21	18.17	18.08	18.9	0
15	QPSK	36	20	18.26	18.25	18.11		
15	QPSK	36	39	18.07	18.25	18.01		
15	QPSK	75	0	18.17	18.19	18.06		
15	16QAM	1	0	18.03	18.18	18.07	18.9	0
15	16QAM	1	37	18.21	18.11	18.19		
15	16QAM	1	74	18.12	18.27	18.15		
15	16QAM	36	0	18.08	18.15	18.02	18.9	0
15	16QAM	36	20	18.14	18.13	18.06		
15	16QAM	36	39	18.28	18.12	18.08		
15	16QAM	75	0	18.22	18.25	18.07		
15	64QAM	1	0	18.19	18.28	18.01	18.9	0
15	64QAM	1	37	18.05	18.19	18.15		
15	64QAM	1	74	18.26	18.15	18.18		
15	64QAM	36	0	18.22	18.08	18.14	18.9	0
15	64QAM	36	20	18.01	18.23	18.02		
15	64QAM	36	39	18.23	18.24	18.09		
15	64QAM	75	0	18.16	18.13	18.07		
15	256QAM	1	0	18.08	18.16	18.11	18.9	0
15	256QAM	1	37	18.04	18.18	18.12		
15	256QAM	1	74	18.09	18.19	18.06		
15	256QAM	36	0	18.06	18.19	18.08	18.9	0
15	256QAM	36	20	18.16	18.13	18.07		
15	256QAM	36	39	18.16	18.20	18.17		
15	256QAM	75	0	18.09	18.25	18.13		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.28	18.29	18.22	18.9	0
10	QPSK	1	25	18.10	18.16	18.12		
10	QPSK	1	49	18.01	18.23	18.14		
10	QPSK	25	0	18.20	18.23	18.11	18.9	0
10	QPSK	25	12	18.16	18.24	18.08		
10	QPSK	25	25	18.09	18.22	18.03		
10	QPSK	50	0	18.16	18.19	18.03		
10	16QAM	1	0	18.15	18.21	18.20	18.9	0
10	16QAM	1	25	18.10	18.05	18.14		
10	16QAM	1	49	18.18	18.24	18.20		
10	16QAM	25	0	18.13	18.13	18.01	18.9	0
10	16QAM	25	12	18.22	18.24	18.08		
10	16QAM	25	25	18.20	18.15	18.03		
10	16QAM	50	0	18.14	18.21	18.14		
10	64QAM	1	0	18.17	18.24	17.99	18.9	0
10	64QAM	1	25	18.05	18.25	18.26		
10	64QAM	1	49	18.22	18.23	18.13		
10	64QAM	25	0	18.25	18.05	18.09	18.9	0
10	64QAM	25	12	18.07	18.14	18.13		
10	64QAM	25	25	18.15	18.24	18.16		
10	64QAM	50	0	18.20	18.10	18.03		
10	256QAM	1	0	18.26	18.19	18.11	18.9	0
10	256QAM	1	25	18.17	18.24	18.04		
10	256QAM	1	49	18.11	18.09	18.10		
10	256QAM	25	0	18.15	18.24	18.14	18.9	0
10	256QAM	25	12	18.12	18.21	18.08		
10	256QAM	25	25	18.15	18.20	18.07		
10	256QAM	50	0	18.00	18.23	18.10		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.27	18.21	18.20	18.9	0
5	QPSK	1	12	18.16	18.19	18.16		
5	QPSK	1	24	18.06	18.19	18.12		
5	QPSK	12	0	18.21	18.26	18.08	18.9	0
5	QPSK	12	7	18.24	18.16	18.06		
5	QPSK	12	13	18.13	18.17	18.09		
5	QPSK	25	0	18.09	18.18	18.16		
5	16QAM	1	0	18.14	18.19	18.15	18.9	0
5	16QAM	1	12	18.20	18.17	18.23		
5	16QAM	1	24	18.19	18.20	18.20		
5	16QAM	12	0	18.14	18.13	18.03	18.9	0
5	16QAM	12	7	18.19	18.18	18.13		
5	16QAM	12	13	18.25	18.04	18.11		
5	16QAM	25	0	18.10	18.22	18.17		
5	64QAM	1	0	18.08	18.16	18.12	18.9	0
5	64QAM	1	12	18.08	18.24	18.26		
5	64QAM	1	24	18.12	18.16	18.14		
5	64QAM	12	0	18.19	18.14	18.16	18.9	0
5	64QAM	12	7	18.01	18.18	18.09		
5	64QAM	12	13	18.16	18.21	18.06		
5	64QAM	25	0	18.10	18.20	18.07		
5	256QAM	1	0	18.15	18.15	18.13	18.9	0
5	256QAM	1	12	18.17	18.27	18.08		
5	256QAM	1	24	18.11	18.13	18.11		
5	256QAM	12	0	18.11	18.24	18.10	18.9	0
5	256QAM	12	7	18.15	18.13	18.12		
5	256QAM	12	13	18.14	18.16	18.11		
5	256QAM	25	0	18.14	18.21	18.16		

Band 38_Ant 7

BW [MHz]	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	18.72	18.80	18.75	19.5	0
20	QPSK	1	49	18.62	18.74	18.73		
20	QPSK	1	99	18.71	18.68	18.72		
20	QPSK	50	0	18.69	18.76	18.73	19.5	0
20	QPSK	50	24	18.60	18.74	18.71		
20	QPSK	50	50	18.63	18.72	18.61		
20	QPSK	100	0	18.68	18.74	18.70		
20	16QAM	1	0	18.59	18.69	18.60	19.5	0
20	16QAM	1	49	18.62	18.67	18.61		
20	16QAM	1	99	18.57	18.74	18.67		
20	16QAM	50	0	18.65	18.79	18.71	19.5	0
20	16QAM	50	24	18.70	18.78	18.62		
20	16QAM	50	50	18.57	18.70	18.65		
20	16QAM	100	0	18.58	18.72	18.66		
20	64QAM	1	0	18.64	18.53	18.59	19.5	0
20	64QAM	1	49	18.66	18.71	18.78		
20	64QAM	1	99	18.70	18.65	18.73		
20	64QAM	50	0	18.42	18.39	18.46	19	0.5
20	64QAM	50	24	18.48	18.41	18.57		
20	64QAM	50	50	18.49	18.44	18.61		
20	64QAM	100	0	18.48	18.42	18.55		
20	256QAM	1	0	15.48	15.53	15.39	16	3.5
20	256QAM	1	49	15.46	15.44	15.42		
20	256QAM	1	99	15.43	15.49	15.52		
20	256QAM	50	0	15.46	15.39	15.43	16	3.5
20	256QAM	50	24	15.44	15.45	15.41		
20	256QAM	50	50	15.44	15.42	15.44		
20	256QAM	100	0	15.42	15.46	15.47		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.57	18.74	18.61	19.5	0
15	QPSK	1	37	18.52	18.73	18.67		
15	QPSK	1	74	18.61	18.57	18.70		
15	QPSK	36	0	18.59	18.63	18.70	19.5	0
15	QPSK	36	20	18.49	18.69	18.69		
15	QPSK	36	39	18.53	18.61	18.56		
15	QPSK	75	0	18.60	18.59	18.57		
15	16QAM	1	0	18.57	18.67	18.46	19.5	0
15	16QAM	1	37	18.50	18.55	18.59		
15	16QAM	1	74	18.53	18.62	18.59		
15	16QAM	36	0	18.53	18.69	18.70	19.5	0
15	16QAM	36	20	18.55	18.70	18.54		
15	16QAM	36	39	18.55	18.63	18.59		
15	16QAM	75	0	18.47	18.71	18.58		
15	64QAM	1	0	18.53	18.51	18.44	19.5	0
15	64QAM	1	37	18.60	18.62	18.65		
15	64QAM	1	74	18.65	18.55	18.60		
15	64QAM	36	0	18.35	18.24	18.34	19	0.5
15	64QAM	36	20	18.41	18.28	18.45		
15	64QAM	36	39	18.34	18.39	18.56		
15	64QAM	75	0	18.33	18.40	18.47		
15	256QAM	1	0	15.43	15.43	15.31	16	3.5
15	256QAM	1	37	15.34	15.36	15.38		
15	256QAM	1	74	15.28	15.38	15.39		
15	256QAM	36	0	15.35	15.37	15.41	16	3.5
15	256QAM	36	20	15.37	15.39	15.39		
15	256QAM	36	39	15.35	15.37	15.41		
15	256QAM	75	0	15.32	15.45	15.44		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.57	18.67	18.66	19.5	0
10	QPSK	1	25	18.60	18.68	18.69		
10	QPSK	1	49	18.65	18.58	18.58		
10	QPSK	25	0	18.59	18.71	18.58	19.5	0
10	QPSK	25	12	18.58	18.71	18.63		
10	QPSK	25	25	18.62	18.61	18.52		
10	QPSK	50	0	18.57	18.67	18.69		
10	16QAM	1	0	18.47	18.65	18.51	19.5	0
10	16QAM	1	25	18.48	18.55	18.50		
10	16QAM	1	49	18.43	18.67	18.54		
10	16QAM	25	0	18.55	18.77	18.58	19.5	0
10	16QAM	25	12	18.57	18.65	18.52		
10	16QAM	25	25	18.52	18.57	18.53		
10	16QAM	50	0	18.55	18.58	18.59		
10	64QAM	1	0	18.49	18.44	18.57	19.5	0
10	64QAM	1	25	18.61	18.61	18.63		
10	64QAM	1	49	18.67	18.50	18.67		
10	64QAM	25	0	18.27	18.34	18.41	19	0.5
10	64QAM	25	12	18.42	18.31	18.46		
10	64QAM	25	25	18.35	18.29	18.46		
10	64QAM	50	0	18.36	18.28	18.51		
10	256QAM	1	0	15.33	15.50	15.33	16	3.5
10	256QAM	1	25	15.39	15.31	15.33		
10	256QAM	1	49	15.31	15.37	15.48		
10	256QAM	25	0	15.42	15.34	15.30	16	3.5
10	256QAM	25	12	15.34	15.31	15.31		
10	256QAM	25	25	15.40	15.35	15.33		
10	256QAM	50	0	15.36	15.35	15.33		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.60	18.76	18.69	19.5	0
5	QPSK	1	12	18.51	18.67	18.64		
5	QPSK	1	24	18.58	18.66	18.60		
5	QPSK	12	0	18.65	18.66	18.59	19.5	0
5	QPSK	12	7	18.47	18.69	18.64		
5	QPSK	12	13	18.59	18.70	18.52		
5	QPSK	25	0	18.61	18.72	18.61		
5	16QAM	1	0	18.57	18.67	18.48	19.5	0
5	16QAM	1	12	18.50	18.62	18.53		
5	16QAM	1	24	18.50	18.70	18.53		
5	16QAM	12	0	18.60	18.76	18.57	19.5	0
5	16QAM	12	7	18.65	18.72	18.48		
5	16QAM	12	13	18.51	18.66	18.52		
5	16QAM	25	0	18.51	18.59	18.58		
5	64QAM	1	0	18.59	18.52	18.52	19.5	0
5	64QAM	1	12	18.56	18.63	18.65		
5	64QAM	1	24	18.62	18.59	18.69		
5	64QAM	12	0	18.39	18.35	18.37	19	0.5
5	64QAM	12	7	18.37	18.33	18.51		
5	64QAM	12	13	18.42	18.39	18.49		
5	64QAM	25	0	18.34	18.37	18.53		
5	256QAM	1	0	15.47	15.48	15.35	16	3.5
5	256QAM	1	12	15.44	15.42	15.28		
5	256QAM	1	24	15.35	15.35	15.41		
5	256QAM	12	0	15.35	15.34	15.29	16	3.5
5	256QAM	12	7	15.40	15.31	15.31		
5	256QAM	12	13	15.33	15.35	15.30		
5	256QAM	25	0	15.32	15.41	15.32		

Band 41_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.20	22.28	22.32	22.30	22.23	22.8	0
20	QPSK	1	49	22.06	22.14	22.06	22.23	22.15		
20	QPSK	1	99	22.14	22.25	22.30	22.29	22.18		
20	QPSK	50	0	21.75	21.80	21.85	21.80	21.78	22.3	0.5
20	QPSK	50	24	21.73	21.67	21.79	21.79	21.75		
20	QPSK	50	50	21.66	21.75	21.82	21.75	21.71		
20	QPSK	100	0	21.70	21.73	21.80	21.75	21.77		
20	16QAM	1	0	21.72	21.74	21.76	21.90	21.63	22.3	0.5
20	16QAM	1	49	21.75	21.66	21.86	21.92	21.81		
20	16QAM	1	99	21.77	21.74	21.96	21.87	21.74		
20	16QAM	50	0	21.11	21.24	21.19	21.38	21.23	21.8	1
20	16QAM	50	24	21.22	21.22	21.26	21.35	21.22		
20	16QAM	50	50	21.20	21.29	21.34	21.39	21.20		
20	16QAM	100	0	21.15	21.25	21.30	21.32	21.23		
20	64QAM	1	0	20.40	20.41	20.38	20.58	20.45	20.8	2
20	64QAM	1	49	20.48	20.53	20.54	20.64	20.43		
20	64QAM	1	99	20.45	20.52	20.63	20.48	20.44		
20	64QAM	50	0	20.16	20.19	20.27	20.30	20.18	20.8	2
20	64QAM	50	24	20.13	20.17	20.23	20.32	20.22		
20	64QAM	50	50	20.16	20.25	20.31	20.31	20.19		
20	64QAM	100	0	20.10	20.23	20.26	20.33	20.15		
20	256QAM	1	0	16.70	16.78	16.84	16.79	16.82	17.8	5
20	256QAM	1	49	16.72	16.75	16.79	16.65	16.71		
20	256QAM	1	99	16.65	16.68	16.73	16.71	16.61		
20	256QAM	50	0	16.75	16.69	16.79	16.72	16.64	17.8	5
20	256QAM	50	24	16.71	16.74	16.76	16.66	16.69		
20	256QAM	50	50	16.80	16.78	16.85	16.71	16.72		
20	256QAM	100	0	16.78	16.70	16.81	16.68	16.76		
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	22.03	22.12	22.03	22.18	22.09	22.8	0
15	QPSK	1	37	22.12	22.18	22.17	22.25	22.16		
15	QPSK	1	74	22.05	22.19	22.28	22.15	22.15		
15	QPSK	36	0	21.61	21.69	21.74	21.70	21.74	22.3	0.5
15	QPSK	36	20	21.72	21.59	21.68	21.70	21.60		
15	QPSK	36	39	21.65	21.66	21.73	21.73	21.67		
15	QPSK	75	0	21.65	21.69	21.74	21.61	21.76		
15	16QAM	1	0	21.69	21.60	21.62	21.88	21.58	22.3	0.5
15	16QAM	1	37	21.67	21.57	21.78	21.87	21.79		
15	16QAM	1	74	21.76	21.66	21.82	21.75	21.68		
15	16QAM	36	0	21.02	21.09	21.08	21.25	21.21	21.8	1
15	16QAM	36	20	21.08	21.17	21.21	21.32	21.18		
15	16QAM	36	39	21.14	21.22	21.22	21.37	21.10		
15	16QAM	75	0	21.02	21.10	21.18	21.26	21.18		
15	64QAM	1	0	20.31	20.30	20.31	20.50	20.30	20.8	2
15	64QAM	1	37	20.39	20.45	20.53	20.59	20.36		
15	64QAM	1	74	20.43	20.42	20.60	20.36	20.33		
15	64QAM	36	0	20.03	20.13	20.23	20.18	20.13	20.8	2
15	64QAM	36	20	20.03	20.08	20.16	20.19	20.11		
15	64QAM	36	39	20.04	20.23	20.25	20.20	20.15		
15	64QAM	75	0	20.04	20.10	20.17	20.23	20.01		
15	256QAM	1	0	16.63	16.69	16.70	16.73	16.78	17.8	5
15	256QAM	1	37	16.59	16.71	16.72	16.56	16.69		
15	256QAM	1	74	16.57	16.53	16.63	16.57	16.55		
15	256QAM	36	0	16.73	16.64	16.70	16.64	16.61	17.8	5
15	256QAM	36	20	16.64	16.65	16.68	16.58	16.64		
15	256QAM	36	39	16.69	16.63	16.75	16.57	16.66		
15	256QAM	75	0	16.69	16.68	16.74	16.65	16.68		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.00	22.08	21.91	22.13	22.09	22.8	0
10	QPSK	1	25	22.09	22.26	22.26	22.24	22.12		
10	QPSK	1	49	22.05	22.14	22.17	22.21	22.14		
10	QPSK	25	0	21.70	21.72	21.83	21.65	21.72	22.3	0.5
10	QPSK	25	12	21.59	21.55	21.73	21.67	21.66		
10	QPSK	25	25	21.54	21.69	21.80	21.73	21.61		
10	QPSK	50	0	21.60	21.63	21.79	21.70	21.76		
10	16QAM	1	0	21.71	21.73	21.62	21.87	21.56	22.3	0.5
10	16QAM	1	25	21.62	21.65	21.75	21.77	21.80		
10	16QAM	1	49	21.68	21.64	21.92	21.73	21.62		
10	16QAM	25	0	21.04	21.09	21.06	21.28	21.14	21.8	1
10	16QAM	25	12	21.19	21.13	21.24	21.29	21.15		
10	16QAM	25	25	21.07	21.14	21.22	21.35	21.14		
10	16QAM	50	0	21.10	21.18	21.29	21.25	21.11		
10	64QAM	1	0	20.27	20.32	20.30	20.53	20.36	20.8	2
10	64QAM	1	25	20.37	20.46	20.47	20.51	20.40		
10	64QAM	1	49	20.39	20.37	20.59	20.35	20.36		
10	64QAM	25	0	20.10	20.09	20.15	20.27	20.12	20.8	2
10	64QAM	25	12	20.09	20.14	20.21	20.30	20.14		
10	64QAM	25	25	20.04	20.19	20.23	20.24	20.17		
10	64QAM	50	0	19.95	20.09	20.11	20.30	20.02		
10	256QAM	1	0	16.57	16.67	16.79	16.73	16.73	17.8	5
10	256QAM	1	25	16.63	16.62	16.68	16.58	16.65		
10	256QAM	1	49	16.60	16.53	16.59	16.60	16.50		
10	256QAM	25	0	16.62	16.65	16.67	16.62	16.60	17.8	5
10	256QAM	25	12	16.56	16.68	16.62	16.56	16.65		
10	256QAM	25	25	16.78	16.77	16.75	16.66	16.58		
10	256QAM	50	0	16.72	16.64	16.78	16.62	16.67		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.01	22.05	21.91	22.08	22.10	22.8	0
5	QPSK	1	12	22.11	22.20	22.25	22.23	22.19		
5	QPSK	1	24	21.99	22.10	22.19	22.28	22.10		
5	QPSK	12	0	21.74	21.71	21.83	21.79	21.75	22.3	0.5
5	QPSK	12	7	21.62	21.62	21.69	21.68	21.60		
5	QPSK	12	13	21.62	21.72	21.71	21.65	21.68		
5	QPSK	25	0	21.55	21.63	21.72	21.61	21.64		
5	16QAM	1	0	21.58	21.69	21.64	21.78	21.60	22.3	0.5
5	16QAM	1	12	21.60	21.57	21.78	21.79	21.76		
5	16QAM	1	24	21.65	21.61	21.94	21.83	21.60		
5	16QAM	12	0	21.06	21.15	21.10	21.35	21.10	21.8	1
5	16QAM	12	7	21.15	21.21	21.11	21.20	21.16		
5	16QAM	12	13	21.06	21.22	21.21	21.35	21.18		
5	16QAM	25	0	21.09	21.11	21.16	21.30	21.08		
5	64QAM	1	0	20.29	20.30	20.36	20.51	20.40	20.8	2
5	64QAM	1	12	20.34	20.48	20.42	20.53	20.28		
5	64QAM	1	24	20.44	20.42	20.50	20.45	20.29		
5	64QAM	12	0	20.05	20.14	20.19	20.27	20.11	20.8	2
5	64QAM	12	7	19.99	20.10	20.08	20.20	20.20		
5	64QAM	12	13	20.02	20.24	20.24	20.27	20.14		
5	64QAM	25	0	19.99	20.20	20.21	20.30	20.05		
5	256QAM	1	0	16.67	16.63	16.75	16.69	16.80	17.8	5
5	256QAM	1	12	16.68	16.63	16.72	16.52	16.64		
5	256QAM	1	24	16.62	16.55	16.59	16.58	16.53		
5	256QAM	12	0	16.72	16.62	16.67	16.60	16.53	17.8	5
5	256QAM	12	7	16.70	16.64	16.73	16.60	16.64		
5	256QAM	12	13	16.73	16.74	16.77	16.60	16.69		
5	256QAM	25	0	16.65	16.68	16.78	16.58	16.64		

Band 41(HPUE)_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.38	23.40	23.45	23.39	23.35	24.3	0
20	QPSK	1	49	23.34	23.35	23.36	23.29	23.22		
20	QPSK	1	99	23.27	23.31	23.43	23.33	23.30		
20	QPSK	50	0	23.35	23.39	23.43	23.38	23.31	24.3	0
20	QPSK	50	24	23.33	23.31	23.42	23.27	23.29		
20	QPSK	50	50	23.27	23.26	23.40	23.26	23.22		
20	QPSK	100	0	23.33	23.35	23.37	23.32	23.26		
20	16QAM	1	0	23.25	23.35	23.34	23.38	23.32	24.3	0
20	16QAM	1	49	23.24	23.33	23.43	23.37	23.31		
20	16QAM	1	99	23.30	23.27	23.31	23.33	23.28		
20	16QAM	50	0	23.26	23.31	23.36	23.27	23.20	24.3	0
20	16QAM	50	24	23.24	23.30	23.35	23.26	23.31		
20	16QAM	50	50	23.36	23.26	23.32	23.29	23.32		
20	16QAM	100	0	23.25	23.35	23.33	23.32	23.28		
20	64QAM	1	0	23.26	23.27	23.34	23.25	23.30	24.3	0
20	64QAM	1	49	23.24	23.26	23.36	23.29	23.32		
20	64QAM	1	99	23.36	23.33	23.30	23.38	23.20		
20	64QAM	50	0	23.07	23.12	23.15	23.14	23.12	23.8	0.5
20	64QAM	50	24	23.08	22.96	23.09	23.04	23.06		
20	64QAM	50	50	22.98	23.08	23.10	22.95	22.95		
20	64QAM	100	0	22.94	22.89	23.01	22.87	22.91		
20	256QAM	1	0	19.87	19.91	20.00	19.95	19.96	20.8	3.5
20	256QAM	1	49	19.79	19.79	19.88	19.74	19.78		
20	256QAM	1	99	19.81	19.81	19.93	19.83	19.79		
20	256QAM	50	0	19.94	19.91	19.95	19.87	19.88	20.8	3.5
20	256QAM	50	24	19.83	19.82	19.90	19.83	19.80		
20	256QAM	50	50	19.80	19.81	19.88	19.87	19.81		
20	256QAM	100	0	19.85	19.92	19.95	19.93	19.91		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.28	23.26	23.34	23.26	23.30	24.3	0
15	QPSK	1	37	23.19	23.22	23.27	23.26	23.17		
15	QPSK	1	74	23.24	23.27	23.39	23.29	23.16		
15	QPSK	36	0	23.27	23.32	23.29	23.27	23.30	24.3	0
15	QPSK	36	20	23.19	23.24	23.40	23.12	23.28		
15	QPSK	36	39	23.15	23.13	23.27	23.25	23.08		
15	QPSK	75	0	23.29	23.34	23.26	23.24	23.22		
15	16QAM	1	0	23.19	23.21	23.30	23.27	23.17	24.3	0
15	16QAM	1	37	23.20	23.20	23.38	23.29	23.25		
15	16QAM	1	74	23.15	23.18	23.21	23.30	23.26		
15	16QAM	36	0	23.22	23.22	23.35	23.22	23.10	24.3	0
15	16QAM	36	20	23.17	23.25	23.23	23.12	23.16		
15	16QAM	36	39	23.29	23.23	23.30	23.17	23.24		
15	16QAM	75	0	23.21	23.27	23.30	23.22	23.24		
15	64QAM	1	0	23.25	23.23	23.30	23.15	23.16	24.3	0
15	64QAM	1	37	23.14	23.19	23.25	23.19	23.17		
15	64QAM	1	74	23.28	23.21	23.24	23.26	23.05		
15	64QAM	36	0	23.02	23.03	23.00	23.00	23.08	23.8	0.5
15	64QAM	36	20	23.02	22.94	22.95	22.99	22.97		
15	64QAM	36	39	22.92	23.06	23.02	22.82	22.84		
15	64QAM	75	0	22.79	22.77	22.86	22.73	22.86		
15	256QAM	1	0	19.80	19.80	19.85	19.85	19.95	20.8	3.5
15	256QAM	1	37	19.70	19.72	19.76	19.70	19.68		
15	256QAM	1	74	19.75	19.67	19.85	19.68	19.70		
15	256QAM	36	0	19.82	19.84	19.94	19.84	19.80	20.8	3.5
15	256QAM	36	20	19.68	19.71	19.76	19.79	19.73		
15	256QAM	36	39	19.66	19.66	19.87	19.79	19.72		
15	256QAM	75	0	19.70	19.85	19.88	19.79	19.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.25	23.25	23.39	23.29	23.25	24.3	0
10	QPSK	1	25	23.27	23.22	23.22	23.19	23.16		
10	QPSK	1	49	23.20	23.17	23.38	23.32	23.16		
10	QPSK	25	0	23.29	23.37	23.41	23.30	23.18	24.3	0
10	QPSK	25	12	23.24	23.25	23.41	23.23	23.21		
10	QPSK	25	25	23.18	23.11	23.30	23.15	23.18		
10	QPSK	50	0	23.25	23.28	23.26	23.23	23.24		
10	16QAM	1	0	23.14	23.32	23.26	23.29	23.28	24.3	0
10	16QAM	1	25	23.22	23.22	23.32	23.25	23.27		
10	16QAM	1	49	23.24	23.15	23.23	23.28	23.21		
10	16QAM	25	0	23.18	23.22	23.22	23.18	23.15	24.3	0
10	16QAM	25	12	23.16	23.26	23.21	23.23	23.28		
10	16QAM	25	25	23.22	23.21	23.26	23.25	23.17		
10	16QAM	50	0	23.13	23.21	23.25	23.30	23.13		
10	64QAM	1	0	23.25	23.16	23.31	23.13	23.20	24.3	0
10	64QAM	1	25	23.09	23.11	23.34	23.23	23.30		
10	64QAM	1	49	23.29	23.28	23.16	23.36	23.16		
10	64QAM	25	0	22.95	23.08	23.00	23.13	23.00	23.8	0.5
10	64QAM	25	12	23.07	22.86	23.07	22.89	22.91		
10	64QAM	25	25	22.95	22.95	23.06	22.85	22.91		
10	64QAM	50	0	22.81	22.77	22.95	22.80	22.90		
10	256QAM	1	0	19.82	19.78	19.96	19.93	19.92	20.8	3.5
10	256QAM	1	25	19.68	19.65	19.75	19.63	19.71		
10	256QAM	1	49	19.78	19.73	19.83	19.71	19.75		
10	256QAM	25	0	19.91	19.84	19.84	19.85	19.73	20.8	3.5
10	256QAM	25	12	19.74	19.69	19.88	19.71	19.69		
10	256QAM	25	25	19.79	19.80	19.75	19.84	19.79		
10	256QAM	50	0	19.78	19.79	19.91	19.92	19.89		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.25	23.32	23.38	23.34	23.34	24.3	0
5	QPSK	1	12	23.24	23.26	23.23	23.15	23.16		
5	QPSK	1	24	23.16	23.20	23.34	23.23	23.22		
5	QPSK	12	0	23.26	23.36	23.32	23.25	23.30	24.3	0
5	QPSK	12	7	23.22	23.26	23.27	23.15	23.26		
5	QPSK	12	13	23.24	23.23	23.30	23.25	23.15		
5	QPSK	25	0	23.18	23.26	23.24	23.31	23.15		
5	16QAM	1	0	23.21	23.28	23.33	23.29	23.21	24.3	0
5	16QAM	1	12	23.12	23.26	23.42	23.31	23.23		
5	16QAM	1	24	23.25	23.13	23.16	23.28	23.22		
5	16QAM	12	0	23.14	23.25	23.32	23.22	23.05	24.3	0
5	16QAM	12	7	23.09	23.21	23.22	23.22	23.22		
5	16QAM	12	13	23.34	23.23	23.21	23.27	23.23		
5	16QAM	25	0	23.17	23.21	23.25	23.26	23.23		
5	64QAM	1	0	23.18	23.17	23.31	23.20	23.25	24.3	0
5	64QAM	1	12	23.16	23.11	23.21	23.27	23.27		
5	64QAM	1	24	23.22	23.29	23.26	23.31	23.07		
5	64QAM	12	0	22.93	22.99	23.05	23.06	23.08	23.8	0.5
5	64QAM	12	7	22.93	22.91	23.03	23.03	23.05		
5	64QAM	12	13	22.84	22.95	22.98	22.94	22.80		
5	64QAM	25	0	22.83	22.75	22.97	22.76	22.81		
5	256QAM	1	0	19.79	19.86	19.93	19.94	19.88	20.8	3.5
5	256QAM	1	12	19.66	19.78	19.74	19.65	19.64		
5	256QAM	1	24	19.68	19.71	19.78	19.68	19.73		
5	256QAM	12	0	19.80	19.85	19.85	19.86	19.87	20.8	3.5
5	256QAM	12	7	19.73	19.76	19.87	19.78	19.72		
5	256QAM	12	13	19.77	19.69	19.87	19.85	19.78		
5	256QAM	25	0	19.74	19.90	19.84	19.80	19.90		

Band 41_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.40	18.50	18.55	18.54	18.45	19.3	0
20	QPSK	1	49	18.35	18.39	18.43	18.51	18.36		
20	QPSK	1	99	18.35	18.46	18.53	18.49	18.32		
20	QPSK	50	0	18.37	18.47	18.52	18.51	18.44	19.3	0
20	QPSK	50	24	18.33	18.42	18.40	18.46	18.42		
20	QPSK	50	50	18.30	18.45	18.46	18.44	18.31		
20	QPSK	100	0	18.35	18.43	18.51	18.49	18.38		
20	16QAM	1	0	18.34	18.38	18.42	18.46	18.32	19.3	0
20	16QAM	1	49	18.32	18.35	18.46	18.52	18.31		
20	16QAM	1	99	18.25	18.35	18.49	18.39	18.30		
20	16QAM	50	0	18.26	18.48	18.46	18.46	18.40	19.3	0
20	16QAM	50	24	18.30	18.36	18.53	18.50	18.32		
20	16QAM	50	50	18.37	18.42	18.47	18.43	18.41		
20	16QAM	100	0	18.34	18.36	18.52	18.49	18.31		
20	64QAM	1	0	18.34	18.37	18.54	18.48	18.34	19.3	0
20	64QAM	1	49	18.26	18.41	18.43	18.41	18.34		
20	64QAM	1	99	18.36	18.41	18.40	18.42	18.33		
20	64QAM	50	0	18.35	18.35	18.47	18.46	18.35	19.3	0
20	64QAM	50	24	18.27	18.44	18.47	18.50	18.41		
20	64QAM	50	50	18.36	18.49	18.41	18.51	18.43		
20	64QAM	100	0	18.39	18.42	18.42	18.53	18.43		
20	256QAM	1	0	16.37	16.40	16.48	16.37	16.45	17.3	2
20	256QAM	1	49	16.32	16.38	16.43	16.30	16.38		
20	256QAM	1	99	16.40	16.37	16.48	16.35	16.45		
20	256QAM	50	0	16.40	16.41	16.44	16.42	16.41	17.3	2
20	256QAM	50	24	16.35	16.37	16.46	16.37	16.35		
20	256QAM	50	50	16.45	16.39	16.50	16.45	16.48		
20	256QAM	100	0	16.50	16.46	16.51	16.48	16.48		
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	18.35	18.37	18.48	18.39	18.33	19.3	0
15	QPSK	1	37	18.34	18.25	18.33	18.37	18.22		
15	QPSK	1	74	18.30	18.38	18.42	18.46	18.23		
15	QPSK	36	0	18.24	18.33	18.51	18.41	18.37	19.3	0
15	QPSK	36	20	18.18	18.40	18.39	18.36	18.29		
15	QPSK	36	39	18.19	18.36	18.34	18.42	18.23		
15	QPSK	75	0	18.20	18.28	18.48	18.40	18.30		
15	16QAM	1	0	18.21	18.37	18.31	18.45	18.29	19.3	0
15	16QAM	1	37	18.22	18.33	18.33	18.42	18.26		
15	16QAM	1	74	18.14	18.30	18.48	18.29	18.15		
15	16QAM	36	0	18.15	18.36	18.40	18.31	18.38	19.3	0
15	16QAM	36	20	18.26	18.24	18.52	18.40	18.23		
15	16QAM	36	39	18.25	18.30	18.46	18.40	18.27		
15	16QAM	75	0	18.20	18.22	18.43	18.37	18.18		
15	64QAM	1	0	18.24	18.31	18.43	18.40	18.22	19.3	0
15	64QAM	1	37	18.15	18.33	18.38	18.31	18.30		
15	64QAM	1	74	18.27	18.28	18.39	18.32	18.21		
15	64QAM	36	0	18.30	18.34	18.45	18.36	18.25	19.3	0
15	64QAM	36	20	18.24	18.39	18.45	18.47	18.30		
15	64QAM	36	39	18.30	18.34	18.29	18.49	18.32		
15	64QAM	75	0	18.29	18.28	18.27	18.40	18.41		
15	256QAM	1	0	16.27	16.39	16.46	16.26	16.43	17.3	2
15	256QAM	1	37	16.18	16.28	16.31	16.25	16.28		
15	256QAM	1	74	16.26	16.26	16.42	16.27	16.34		
15	256QAM	36	0	16.36	16.38	16.37	16.41	16.38	17.3	2
15	256QAM	36	20	16.28	16.24	16.44	16.30	16.24		
15	256QAM	36	39	16.34	16.34	16.35	16.38	16.34		
15	256QAM	75	0	16.36	16.43	16.40	16.43	16.33		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.25	18.48	18.43	18.42	18.30	19.3	0
10	QPSK	1	25	18.24	18.33	18.42	18.49	18.24		
10	QPSK	1	49	18.29	18.44	18.38	18.39	18.18		
10	QPSK	25	0	18.25	18.44	18.51	18.41	18.41	19.3	0
10	QPSK	25	12	18.32	18.41	18.37	18.31	18.28		
10	QPSK	25	25	18.20	18.40	18.36	18.33	18.23		
10	QPSK	50	0	18.27	18.32	18.48	18.35	18.25		
10	16QAM	1	0	18.22	18.35	18.36	18.43	18.23	19.3	0
10	16QAM	1	25	18.26	18.30	18.42	18.37	18.26		
10	16QAM	1	49	18.24	18.32	18.41	18.37	18.20		
10	16QAM	25	0	18.25	18.36	18.33	18.39	18.32	19.3	0
10	16QAM	25	12	18.19	18.21	18.51	18.37	18.24		
10	16QAM	25	25	18.22	18.39	18.45	18.41	18.30		
10	16QAM	50	0	18.31	18.21	18.48	18.39	18.26		
10	64QAM	1	0	18.29	18.34	18.48	18.34	18.21	19.3	0
10	64QAM	1	25	18.17	18.31	18.42	18.37	18.32		
10	64QAM	1	49	18.35	18.36	18.39	18.32	18.31		
10	64QAM	25	0	18.28	18.24	18.43	18.43	18.20	19.3	0
10	64QAM	25	12	18.24	18.33	18.44	18.40	18.34		
10	64QAM	25	25	18.26	18.42	18.27	18.43	18.32		
10	64QAM	50	0	18.27	18.30	18.40	18.45	18.42		
10	256QAM	1	0	16.34	16.38	16.37	16.27	16.41	17.3	2
10	256QAM	1	25	16.19	16.29	16.32	16.26	16.26		
10	256QAM	1	49	16.39	16.32	16.35	16.31	16.44		
10	256QAM	25	0	16.36	16.37	16.42	16.39	16.36	17.3	2
10	256QAM	25	12	16.27	16.29	16.33	16.31	16.33		
10	256QAM	25	25	16.31	16.36	16.47	16.35	16.47		
10	256QAM	50	0	16.40	16.43	16.50	16.46	16.45		
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	18.28	18.44	18.51	18.51	18.36	19.3	0
5	QPSK	1	12	18.33	18.33	18.39	18.45	18.28		
5	QPSK	1	24	18.32	18.42	18.50	18.45	18.24		
5	QPSK	12	0	18.23	18.43	18.48	18.50	18.36	19.3	0
5	QPSK	12	7	18.26	18.29	18.32	18.41	18.30		
5	QPSK	12	13	18.27	18.34	18.44	18.39	18.27		
5	QPSK	25	0	18.33	18.35	18.37	18.44	18.35		
5	16QAM	1	0	18.23	18.25	18.37	18.43	18.20	19.3	0
5	16QAM	1	12	18.21	18.33	18.38	18.50	18.27		
5	16QAM	1	24	18.15	18.31	18.36	18.28	18.15		
5	16QAM	12	0	18.15	18.37	18.45	18.44	18.34	19.3	0
5	16QAM	12	7	18.20	18.29	18.43	18.43	18.19		
5	16QAM	12	13	18.32	18.29	18.39	18.29	18.38		
5	16QAM	25	0	18.32	18.31	18.45	18.34	18.16		
5	64QAM	1	0	18.21	18.34	18.51	18.39	18.19	19.3	0
5	64QAM	1	12	18.19	18.29	18.28	18.35	18.24		
5	64QAM	1	24	18.35	18.40	18.37	18.36	18.23		
5	64QAM	12	0	18.33	18.27	18.35	18.41	18.30	19.3	0
5	64QAM	12	7	18.20	18.33	18.32	18.42	18.35		
5	64QAM	12	13	18.23	18.45	18.39	18.40	18.39		
5	64QAM	25	0	18.33	18.31	18.29	18.43	18.32		
5	256QAM	1	0	16.35	16.38	16.35	16.27	16.35	17.3	2
5	256QAM	1	12	16.26	16.35	16.36	16.28	16.30		
5	256QAM	1	24	16.26	16.34	16.47	16.26	16.40		
5	256QAM	12	0	16.30	16.31	16.37	16.30	16.34	17.3	2
5	256QAM	12	7	16.33	16.32	16.33	16.30	16.32		
5	256QAM	12	13	16.33	16.26	16.47	16.38	16.42		
5	256QAM	25	0	16.35	16.45	16.36	16.38	16.33		

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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	19.85	19.80	19.90	19.88	19.82	20.8	0
20	QPSK	1	49	19.83	19.67	19.85	19.78	19.75		
20	QPSK	1	99	19.73	19.67	19.81	19.75	19.78		
20	QPSK	50	0	19.83	19.79	19.88	19.85	19.78	20.8	0
20	QPSK	50	24	19.81	19.78	19.75	19.80	19.75		
20	QPSK	50	50	19.78	19.78	19.81	19.84	19.73		
20	QPSK	100	0	19.77	19.66	19.87	19.80	19.72		
20	16QAM	1	0	19.74	19.69	19.78	19.76	19.71	20.8	0
20	16QAM	1	49	19.76	19.68	19.84	19.77	19.75		
20	16QAM	1	99	19.72	19.76	19.89	19.80	19.77		
20	16QAM	50	0	19.70	19.71	19.84	19.85	19.81	20.8	0
20	16QAM	50	24	19.72	19.71	19.86	19.76	19.78		
20	16QAM	50	50	19.70	19.78	19.85	19.84	19.74		
20	16QAM	100	0	19.76	19.78	19.78	19.81	19.80		
20	64QAM	1	0	19.73	19.73	19.88	19.85	19.71	20.8	0
20	64QAM	1	49	19.84	19.74	19.84	19.81	19.76		
20	64QAM	1	99	19.70	19.68	19.75	19.84	19.68		
20	64QAM	50	0	19.77	19.77	19.80	19.75	19.67	20.8	0
20	64QAM	50	24	19.72	19.74	19.78	19.79	19.75		
20	64QAM	50	50	19.72	19.76	19.84	19.84	19.77		
20	64QAM	100	0	19.81	19.72	19.75	19.87	19.76		
20	256QAM	1	0	19.47	19.52	19.60	19.50	19.49	20.3	0.5
20	256QAM	1	49	19.47	19.47	19.54	19.46	19.39		
20	256QAM	1	99	19.52	19.50	19.57	19.55	19.54		
20	256QAM	50	0	19.48	19.37	19.51	19.45	19.36	20.3	0.5
20	256QAM	50	24	19.39	19.32	19.45	19.40	19.30		
20	256QAM	50	50	19.45	19.40	19.48	19.35	19.39		
20	256QAM	100	0	19.41	19.36	19.45	19.31	19.31		
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	19.83	19.72	19.81	19.77	19.72	20.8	0
15	QPSK	1	37	19.77	19.66	19.74	19.67	19.64		
15	QPSK	1	74	19.67	19.59	19.76	19.60	19.71		
15	QPSK	36	0	19.80	19.65	19.77	19.76	19.68	20.8	0
15	QPSK	36	20	19.70	19.66	19.60	19.76	19.67		
15	QPSK	36	39	19.66	19.74	19.71	19.79	19.66		
15	QPSK	75	0	19.65	19.55	19.86	19.65	19.66		
15	16QAM	1	0	19.66	19.55	19.68	19.68	19.63	20.8	0
15	16QAM	1	37	19.62	19.65	19.78	19.68	19.69		
15	16QAM	1	74	19.63	19.68	19.85	19.72	19.75		
15	16QAM	36	0	19.69	19.59	19.70	19.75	19.66	20.8	0
15	16QAM	36	20	19.57	19.56	19.75	19.74	19.76		
15	16QAM	36	39	19.56	19.69	19.78	19.71	19.68		
15	16QAM	75	0	19.73	19.66	19.75	19.70	19.69		
15	64QAM	1	0	19.59	19.69	19.85	19.79	19.64	20.8	0
15	64QAM	1	37	19.71	19.64	19.79	19.80	19.62		
15	64QAM	1	74	19.58	19.55	19.67	19.71	19.61		
15	64QAM	36	0	19.73	19.63	19.71	19.65	19.64	20.8	0
15	64QAM	36	20	19.59	19.71	19.76	19.69	19.73		
15	64QAM	36	39	19.67	19.70	19.82	19.77	19.66		
15	64QAM	75	0	19.66	19.62	19.65	19.85	19.66		
15	256QAM	1	0	19.34	19.51	19.53	19.49	19.35	20.3	0.5
15	256QAM	1	37	19.33	19.36	19.48	19.33	19.28		
15	256QAM	1	74	19.49	19.49	19.45	19.42	19.40		
15	256QAM	36	0	19.45	19.22	19.44	19.35	19.24	20.3	0.5
15	256QAM	36	20	19.26	19.19	19.36	19.28	19.24		
15	256QAM	36	39	19.44	19.34	19.40	19.25	19.31		
15	256QAM	75	0	19.29	19.26	19.36	19.29	19.17		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.72	19.71	19.80	19.82	19.77	20.8	0
10	QPSK	1	25	19.76	19.66	19.74	19.67	19.70		
10	QPSK	1	49	19.60	19.53	19.80	19.73	19.75		
10	QPSK	25	0	19.79	19.71	19.79	19.77	19.73	20.8	0
10	QPSK	25	12	19.72	19.65	19.74	19.78	19.67		
10	QPSK	25	25	19.69	19.65	19.71	19.75	19.60		
10	QPSK	50	0	19.73	19.58	19.86	19.65	19.61		
10	16QAM	1	0	19.64	19.65	19.65	19.61	19.60	20.8	0
10	16QAM	1	25	19.75	19.65	19.83	19.66	19.72		
10	16QAM	1	49	19.58	19.70	19.78	19.77	19.62		
10	16QAM	25	0	19.60	19.58	19.71	19.82	19.72	20.8	0
10	16QAM	25	12	19.66	19.67	19.82	19.70	19.74		
10	16QAM	25	25	19.64	19.70	19.80	19.72	19.71		
10	16QAM	50	0	19.66	19.72	19.75	19.70	19.79		
10	64QAM	1	0	19.70	19.71	19.81	19.73	19.59	20.8	0
10	64QAM	1	25	19.74	19.73	19.79	19.69	19.74		
10	64QAM	1	49	19.55	19.63	19.65	19.74	19.63		
10	64QAM	25	0	19.72	19.68	19.77	19.63	19.52	20.8	0
10	64QAM	25	12	19.71	19.65	19.67	19.75	19.60		
10	64QAM	25	25	19.60	19.71	19.77	19.81	19.62		
10	64QAM	50	0	19.77	19.67	19.71	19.74	19.63		
10	256QAM	1	0	19.46	19.43	19.59	19.35	19.47	20.3	0.5
10	256QAM	1	25	19.42	19.32	19.41	19.36	19.25		
10	256QAM	1	49	19.38	19.41	19.44	19.47	19.42		
10	256QAM	25	0	19.36	19.30	19.48	19.34	19.22	20.3	0.5
10	256QAM	25	12	19.24	19.25	19.43	19.29	19.23		
10	256QAM	25	25	19.39	19.31	19.47	19.34	19.34		
10	256QAM	50	0	19.30	19.34	19.42	19.20	19.26		
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	19.79	19.67	19.84	19.76	19.69	20.8	0
5	QPSK	1	12	19.70	19.66	19.72	19.67	19.73		
5	QPSK	1	24	19.72	19.66	19.74	19.71	19.71		
5	QPSK	12	0	19.81	19.70	19.85	19.82	19.64	20.8	0
5	QPSK	12	7	19.66	19.70	19.62	19.66	19.61		
5	QPSK	12	13	19.76	19.69	19.67	19.78	19.62		
5	QPSK	25	0	19.70	19.52	19.78	19.67	19.70		
5	16QAM	1	0	19.68	19.66	19.68	19.73	19.69	20.8	0
5	16QAM	1	12	19.72	19.55	19.69	19.64	19.67		
5	16QAM	1	24	19.61	19.72	19.79	19.70	19.75		
5	16QAM	12	0	19.68	19.56	19.80	19.73	19.70	20.8	0
5	16QAM	12	7	19.62	19.69	19.82	19.68	19.74		
5	16QAM	12	13	19.63	19.69	19.83	19.70	19.64		
5	16QAM	25	0	19.64	19.65	19.74	19.71	19.65		
5	64QAM	1	0	19.69	19.66	19.74	19.70	19.58	20.8	0
5	64QAM	1	12	19.72	19.59	19.77	19.69	19.67		
5	64QAM	1	24	19.61	19.53	19.62	19.71	19.60		
5	64QAM	12	0	19.73	19.74	19.73	19.63	19.56	20.8	0
5	64QAM	12	7	19.60	19.72	19.68	19.69	19.69		
5	64QAM	12	13	19.62	19.75	19.80	19.77	19.66		
5	64QAM	25	0	19.70	19.57	19.64	19.79	19.61		
5	256QAM	1	0	19.44	19.40	19.47	19.45	19.34	20.3	0.5
5	256QAM	1	12	19.45	19.41	19.50	19.44	19.34		
5	256QAM	1	24	19.40	19.43	19.53	19.46	19.43		
5	256QAM	12	0	19.44	19.28	19.44	19.35	19.24	20.3	0.5
5	256QAM	12	7	19.25	19.23	19.35	19.39	19.24		
5	256QAM	12	13	19.41	19.35	19.41	19.21	19.24		
5	256QAM	25	0	19.31	19.24	19.40	19.30	19.16		

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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	18.10	18.15	18.18	18.17	18.13	18.7	0
20	QPSK	1	49	17.96	18.09	18.10	18.10	17.99		
20	QPSK	1	99	17.97	18.01	18.13	18.13	17.99		
20	QPSK	50	0	18.08	18.14	18.17	18.16	18.10	18.7	0
20	QPSK	50	24	18.03	18.05	18.05	18.03	18.07		
20	QPSK	50	50	18.07	18.01	18.14	18.11	18.06		
20	QPSK	100	0	17.99	18.13	18.15	18.12	17.99		
20	16QAM	1	0	18.08	18.00	18.17	18.15	18.06	18.7	0
20	16QAM	1	49	17.96	18.12	18.09	18.03	18.12		
20	16QAM	1	99	18.06	18.12	18.05	18.06	17.98		
20	16QAM	50	0	18.05	18.08	18.09	18.13	18.10	18.7	0
20	16QAM	50	24	18.06	18.08	18.14	18.13	18.07		
20	16QAM	50	50	17.99	18.10	18.15	18.10	17.99		
20	16QAM	100	0	17.98	18.04	18.15	18.02	18.02		
20	64QAM	1	0	18.06	18.06	18.15	18.10	18.09	18.7	0
20	64QAM	1	49	18.07	18.05	18.15	18.15	18.11		
20	64QAM	1	99	18.02	18.04	18.16	18.14	18.01		
20	64QAM	50	0	17.96	18.05	18.12	18.07	18.03	18.7	0
20	64QAM	50	24	18.04	18.10	18.11	18.06	18.04		
20	64QAM	50	50	18.07	18.07	18.06	18.11	18.01		
20	64QAM	100	0	18.02	18.07	18.05	18.03	18.02		
20	256QAM	1	0	16.53	16.47	16.56	16.47	16.54	17.2	1.5
20	256QAM	1	49	16.53	16.43	16.56	16.49	16.52		
20	256QAM	1	99	16.52	16.48	16.54	16.46	16.52		
20	256QAM	50	0	16.41	16.33	16.48	16.33	16.36	17.2	1.5
20	256QAM	50	24	16.40	16.41	16.48	16.33	16.46		
20	256QAM	50	50	16.37	16.40	16.48	16.45	16.45		
20	256QAM	100	0	16.52	16.47	16.59	16.58	16.58		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.03	18.11	18.11	18.07	18.03	18.7	0
15	QPSK	1	37	17.93	18.07	17.96	18.03	17.92		
15	QPSK	1	74	17.85	17.99	18.11	17.99	17.96		
15	QPSK	36	0	18.00	17.99	18.05	18.11	17.96	18.7	0
15	QPSK	36	20	18.00	18.00	18.00	17.88	18.04		
15	QPSK	36	39	18.05	17.88	18.07	17.96	17.91		
15	QPSK	75	0	17.95	17.99	18.08	18.10	17.88		
15	16QAM	1	0	18.06	17.93	18.11	18.06	18.01	18.7	0
15	16QAM	1	37	17.92	18.10	18.03	17.98	17.97		
15	16QAM	1	74	17.98	18.01	17.94	18.04	17.93		
15	16QAM	36	0	17.99	17.93	18.00	18.06	18.08	18.7	0
15	16QAM	36	20	17.94	18.04	17.99	18.10	18.06		
15	16QAM	36	39	17.89	18.06	18.11	18.08	17.97		
15	16QAM	75	0	17.87	17.92	18.09	17.89	17.88		
15	64QAM	1	0	17.98	17.98	18.08	18.02	18.05	18.7	0
15	64QAM	1	37	18.00	18.04	18.10	18.08	17.97		
15	64QAM	1	74	17.97	17.92	18.08	18.08	17.91		
15	64QAM	36	0	17.91	17.91	17.98	17.93	17.92	18.7	0
15	64QAM	36	20	18.03	17.96	18.09	17.98	17.94		
15	64QAM	36	39	17.98	17.98	18.00	18.02	17.99		
15	64QAM	75	0	17.94	17.95	18.04	18.00	17.98		
15	256QAM	1	0	16.42	16.37	16.49	16.44	16.52	17.2	1.5
15	256QAM	1	37	16.46	16.34	16.43	16.37	16.43		
15	256QAM	1	74	16.41	16.36	16.41	16.33	16.48		
15	256QAM	36	0	16.37	16.23	16.36	16.27	16.21	17.2	1.5
15	256QAM	36	20	16.30	16.29	16.34	16.30	16.35		
15	256QAM	36	39	16.36	16.35	16.34	16.44	16.34		
15	256QAM	75	0	16.51	16.46	16.57	16.50	16.54		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.02	18.06	18.11	18.14	18.03	18.7	0
10	QPSK	1	25	17.94	18.02	18.02	18.02	17.89		
10	QPSK	1	49	17.82	17.92	18.09	18.07	17.85		
10	QPSK	25	0	18.00	18.04	18.15	18.15	17.95	18.7	0
10	QPSK	25	12	18.02	17.96	17.94	18.02	17.92		
10	QPSK	25	25	18.04	17.93	18.00	18.02	17.99		
10	QPSK	50	0	17.90	18.01	18.12	18.06	17.85		
10	16QAM	1	0	17.97	17.87	18.04	18.07	18.02	18.7	0
10	16QAM	1	25	17.81	17.97	17.98	17.93	18.06		
10	16QAM	1	49	18.03	18.09	18.02	17.96	17.94		
10	16QAM	25	0	17.93	18.02	18.01	18.02	18.03	18.7	0
10	16QAM	25	12	18.03	17.97	18.07	17.99	17.95		
10	16QAM	25	25	17.95	17.97	18.05	18.09	17.87		
10	16QAM	50	0	17.92	17.92	18.14	17.90	17.93		
10	64QAM	1	0	18.04	17.91	18.07	18.06	17.94	18.7	0
10	64QAM	1	25	18.06	17.96	18.13	18.12	18.10		
10	64QAM	1	49	17.87	17.98	18.13	18.12	17.94		
10	64QAM	25	0	17.84	17.99	18.06	17.97	17.92	18.7	0
10	64QAM	25	12	17.92	18.00	18.10	17.94	17.98		
10	64QAM	25	25	17.98	18.00	18.05	18.07	17.86		
10	64QAM	50	0	17.94	18.03	17.91	17.91	18.00		
10	256QAM	1	0	16.51	16.32	16.51	16.41	16.43	17.2	1.5
10	256QAM	1	25	16.44	16.36	16.42	16.35	16.47		
10	256QAM	1	49	16.45	16.38	16.49	16.39	16.41		
10	256QAM	25	0	16.28	16.30	16.38	16.31	16.32	17.2	1.5
10	256QAM	25	12	16.26	16.27	16.34	16.27	16.35		
10	256QAM	25	25	16.31	16.30	16.33	16.42	16.38		
10	256QAM	50	0	16.49	16.42	16.55	16.53	16.51		
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	18.00	18.01	18.09	18.02	18.05	18.7	0
5	QPSK	1	12	17.84	18.03	18.02	18.09	17.92		
5	QPSK	1	24	17.96	17.90	18.07	17.99	17.97		
5	QPSK	12	0	17.99	17.99	18.16	18.12	17.99	18.7	0
5	QPSK	12	7	17.95	17.98	17.90	17.91	18.04		
5	QPSK	12	13	17.94	17.87	18.07	17.98	17.96		
5	QPSK	25	0	17.94	18.11	18.13	17.99	17.90		
5	16QAM	1	0	18.01	17.95	18.07	18.12	17.96	18.7	0
5	16QAM	1	12	17.92	18.00	17.99	17.94	18.00		
5	16QAM	1	24	17.95	18.01	17.92	18.05	17.83		
5	16QAM	12	0	17.98	18.05	18.02	18.10	18.09	18.7	0
5	16QAM	12	7	18.03	17.97	18.13	18.02	17.95		
5	16QAM	12	13	17.92	18.03	18.00	18.02	17.91		
5	16QAM	25	0	17.90	17.91	18.02	17.93	17.93		
5	64QAM	1	0	17.93	18.02	18.00	18.04	18.01	18.7	0
5	64QAM	1	12	17.97	17.97	18.07	18.01	17.97		
5	64QAM	1	24	17.92	17.94	18.02	18.03	17.90		
5	64QAM	12	0	17.91	17.90	18.06	18.03	18.02	18.7	0
5	64QAM	12	7	17.95	17.98	17.97	17.91	17.94		
5	64QAM	12	13	17.92	17.98	17.98	17.98	17.98		
5	64QAM	25	0	17.92	18.03	18.02	17.97	17.87		
5	256QAM	1	0	16.45	16.36	16.48	16.39	16.47	17.2	1.5
5	256QAM	1	12	16.43	16.39	16.55	16.47	16.51		
5	256QAM	1	24	16.50	16.36	16.41	16.43	16.37		
5	256QAM	12	0	16.34	16.18	16.45	16.25	16.23	17.2	1.5
5	256QAM	12	7	16.34	16.26	16.45	16.20	16.34		
5	256QAM	12	13	16.22	16.31	16.39	16.42	16.30		
5	256QAM	25	0	16.48	16.45	16.55	16.52	16.49		

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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	19.38	19.35	19.42	19.40	19.39	20.2	0
20	QPSK	1	49	19.23	19.33	19.41	19.36	19.27		
20	QPSK	1	99	19.31	19.33	19.33	19.25	19.27		
20	QPSK	50	0	19.35	19.33	19.40	19.36	19.38	20.2	0
20	QPSK	50	24	19.31	19.32	19.30	19.27	19.36		
20	QPSK	50	50	19.25	19.24	19.35	19.26	19.29		
20	QPSK	100	0	19.32	19.28	19.38	19.31	19.27		
20	16QAM	1	0	19.31	19.26	19.27	19.31	19.26	20.2	0
20	16QAM	1	49	19.35	19.30	19.28	19.39	19.32		
20	16QAM	1	99	19.36	19.21	19.33	19.33	19.25		
20	16QAM	50	0	19.24	19.25	19.30	19.32	19.30	20.2	0
20	16QAM	50	24	19.35	19.26	19.31	19.27	19.33		
20	16QAM	50	50	19.36	19.22	19.40	19.30	19.28		
20	16QAM	100	0	19.24	19.28	19.29	19.30	19.29		
20	64QAM	1	0	19.30	19.21	19.38	19.31	19.31	20.2	0
20	64QAM	1	49	19.30	19.20	19.36	19.35	19.37		
20	64QAM	1	99	19.34	19.28	19.33	19.31	19.24		
20	64QAM	50	0	19.27	19.31	19.27	19.33	19.33	20.2	0
20	64QAM	50	24	19.33	19.27	19.29	19.28	19.25		
20	64QAM	50	50	19.23	19.24	19.36	19.37	19.38		
20	64QAM	100	0	19.30	19.20	19.40	19.25	19.31		
20	256QAM	1	0	19.34	19.32	19.40	19.39	19.29	20.2	0
20	256QAM	1	49	19.29	19.26	19.30	19.32	19.37		
20	256QAM	1	99	19.27	19.33	19.33	19.33	19.24		
20	256QAM	50	0	19.29	19.23	19.29	19.26	19.26	20.2	0
20	256QAM	50	24	19.29	19.20	19.36	19.38	19.38		
20	256QAM	50	50	19.36	19.30	19.38	19.26	19.36		
20	256QAM	100	0	19.37	19.24	19.40	19.26	19.35		
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	19.29	19.26	19.29	19.28	19.27	20.2	0
15	QPSK	1	37	19.08	19.20	19.34	19.27	19.13		
15	QPSK	1	74	19.22	19.27	19.23	19.10	19.20		
15	QPSK	36	0	19.33	19.29	19.26	19.34	19.30	20.2	0
15	QPSK	36	20	19.24	19.25	19.16	19.25	19.35		
15	QPSK	36	39	19.22	19.23	19.27	19.15	19.14		
15	QPSK	75	0	19.24	19.23	19.27	19.29	19.18		
15	16QAM	1	0	19.19	19.21	19.15	19.24	19.17	20.2	0
15	16QAM	1	37	19.21	19.23	19.23	19.38	19.29		
15	16QAM	1	74	19.33	19.13	19.31	19.28	19.16		
15	16QAM	36	0	19.10	19.14	19.27	19.24	19.16	20.2	0
15	16QAM	36	20	19.24	19.23	19.16	19.14	19.18		
15	16QAM	36	39	19.21	19.09	19.35	19.24	19.24		
15	16QAM	75	0	19.17	19.14	19.23	19.15	19.17		
15	64QAM	1	0	19.23	19.13	19.24	19.16	19.26	20.2	0
15	64QAM	1	37	19.18	19.05	19.28	19.24	19.32		
15	64QAM	1	74	19.20	19.19	19.32	19.26	19.15		
15	64QAM	36	0	19.12	19.18	19.24	19.21	19.21	20.2	0
15	64QAM	36	20	19.32	19.15	19.21	19.15	19.11		
15	64QAM	36	39	19.15	19.14	19.29	19.22	19.32		
15	64QAM	75	0	19.25	19.09	19.37	19.15	19.27		
15	256QAM	1	0	19.26	19.17	19.36	19.29	19.18	20.2	0
15	256QAM	1	37	19.20	19.21	19.28	19.30	19.25		
15	256QAM	1	74	19.21	19.31	19.24	19.27	19.18		
15	256QAM	36	0	19.25	19.09	19.17	19.18	19.18	20.2	0
15	256QAM	36	20	19.18	19.09	19.24	19.30	19.34		
15	256QAM	36	39	19.23	19.29	19.31	19.20	19.21		
15	256QAM	75	0	19.31	19.20	19.32	19.11	19.27		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.37	19.26	19.35	19.39	19.27	20.2	0
10	QPSK	1	25	19.20	19.25	19.34	19.23	19.17		
10	QPSK	1	49	19.30	19.21	19.32	19.11	19.12		
10	QPSK	25	0	19.34	19.22	19.39	19.28	19.31	20.2	0
10	QPSK	25	12	19.21	19.18	19.17	19.23	19.26		
10	QPSK	25	25	19.18	19.13	19.24	19.12	19.15		
10	QPSK	50	0	19.26	19.15	19.29	19.16	19.16		
10	16QAM	1	0	19.29	19.21	19.26	19.30	19.22	20.2	0
10	16QAM	1	25	19.33	19.24	19.21	19.30	19.22		
10	16QAM	1	49	19.33	19.14	19.23	19.20	19.23		
10	16QAM	25	0	19.21	19.10	19.25	19.30	19.26	20.2	0
10	16QAM	25	12	19.29	19.18	19.20	19.22	19.29		
10	16QAM	25	25	19.32	19.19	19.31	19.17	19.16		
10	16QAM	50	0	19.21	19.16	19.19	19.22	19.25		
10	64QAM	1	0	19.20	19.15	19.34	19.16	19.20	20.2	0
10	64QAM	1	25	19.15	19.17	19.34	19.27	19.34		
10	64QAM	1	49	19.33	19.19	19.27	19.30	19.09		
10	64QAM	25	0	19.22	19.23	19.22	19.28	19.22	20.2	0
10	64QAM	25	12	19.28	19.19	19.18	19.13	19.13		
10	64QAM	25	25	19.16	19.13	19.24	19.32	19.33		
10	64QAM	50	0	19.20	19.07	19.27	19.15	19.17		
10	256QAM	1	0	19.23	19.30	19.38	19.38	19.19	20.2	0
10	256QAM	1	25	19.14	19.24	19.21	19.18	19.30		
10	256QAM	1	49	19.22	19.29	19.21	19.28	19.22		
10	256QAM	25	0	19.16	19.21	19.28	19.22	19.19	20.2	0
10	256QAM	25	12	19.17	19.11	19.32	19.36	19.33		
10	256QAM	25	25	19.29	19.29	19.32	19.18	19.33		
10	256QAM	50	0	19.35	19.11	19.37	19.17	19.30		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.31	19.25	19.29	19.34	19.29	20.2	0
5	QPSK	1	12	19.16	19.18	19.26	19.32	19.25		
5	QPSK	1	24	19.30	19.19	19.18	19.16	19.26		
5	QPSK	12	0	19.34	19.24	19.32	19.32	19.23	20.2	0
5	QPSK	12	7	19.25	19.20	19.28	19.14	19.21		
5	QPSK	12	13	19.23	19.09	19.23	19.20	19.25		
5	QPSK	25	0	19.21	19.24	19.29	19.18	19.21		
5	16QAM	1	0	19.21	19.13	19.21	19.19	19.22	20.2	0
5	16QAM	1	12	19.21	19.25	19.18	19.33	19.20		
5	16QAM	1	24	19.23	19.07	19.26	19.21	19.10		
5	16QAM	12	0	19.20	19.24	19.18	19.21	19.20	20.2	0
5	16QAM	12	7	19.32	19.17	19.26	19.25	19.28		
5	16QAM	12	13	19.21	19.09	19.27	19.17	19.19		
5	16QAM	25	0	19.15	19.18	19.22	19.25	19.25		
5	64QAM	1	0	19.22	19.20	19.30	19.30	19.26	20.2	0
5	64QAM	1	12	19.19	19.14	19.25	19.30	19.30		
5	64QAM	1	24	19.31	19.18	19.31	19.30	19.14		
5	64QAM	12	0	19.18	19.27	19.16	19.28	19.30	20.2	0
5	64QAM	12	7	19.22	19.23	19.18	19.18	19.14		
5	64QAM	12	13	19.14	19.12	19.26	19.28	19.27		
5	64QAM	25	0	19.15	19.08	19.38	19.20	19.27		
5	256QAM	1	0	19.25	19.25	19.33	19.25	19.26	20.2	0
5	256QAM	1	12	19.20	19.25	19.17	19.21	19.32		
5	256QAM	1	24	19.17	19.28	19.28	19.22	19.20		
5	256QAM	12	0	19.27	19.13	19.17	19.20	19.17	20.2	0
5	256QAM	12	7	19.16	19.13	19.23	19.34	19.24		
5	256QAM	12	13	19.30	19.29	19.32	19.11	19.29		
5	256QAM	25	0	19.32	19.17	19.33	19.17	19.34		

Band 41_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.60	18.05	18.10	18.08	18.03	18.8	0
20	QPSK	1	49	17.55	18.01	18.06	18.04	18.00		
20	QPSK	1	99	17.51	17.96	17.95	17.95	17.99		
20	QPSK	50	0	17.13	17.51	17.56	17.53	17.50	18.3	0.5
20	QPSK	50	24	16.98	17.44	17.46	17.45	17.34		
20	QPSK	50	50	16.96	17.48	17.49	17.48	17.47		
20	QPSK	100	0	16.96	17.45	17.51	17.42	17.41		
20	16QAM	1	0	17.17	17.56	17.60	17.49	17.55	18.3	0.5
20	16QAM	1	49	17.07	17.42	17.50	17.45	17.49		
20	16QAM	1	99	17.02	17.33	17.47	17.41	17.36		
20	16QAM	50	0	16.60	17.09	17.10	17.01	17.07	17.8	1
20	16QAM	50	24	16.55	16.93	17.08	17.05	17.07		
20	16QAM	50	50	16.55	16.94	16.96	16.83	16.93		
20	16QAM	100	0	16.47	16.89	16.97	16.93	16.87		
20	64QAM	1	0	15.99	16.31	16.38	16.34	16.27	17.8	1
20	64QAM	1	49	15.95	16.21	16.32	16.31	16.30		
20	64QAM	1	99	15.98	16.25	16.26	16.22	16.16		
20	64QAM	50	0	15.60	15.95	16.08	16.02	16.07	16.8	2
20	64QAM	50	24	15.50	15.87	15.93	15.78	15.91		
20	64QAM	50	50	15.49	15.96	15.99	15.94	15.95		
20	64QAM	100	0	15.50	15.87	15.98	15.97	15.86		
20	256QAM	1	0	12.55	12.85	12.96	12.86	12.89	13.8	5
20	256QAM	1	49	12.46	12.79	12.89	12.84	12.86		
20	256QAM	1	99	12.34	12.72	12.85	12.75	12.78		
20	256QAM	50	0	12.37	12.72	12.82	12.78	12.68	13.8	5
20	256QAM	50	24	12.41	12.82	12.89	12.83	12.81		
20	256QAM	50	50	12.40	12.81	12.87	12.79	12.76		
20	256QAM	100	0	12.46	12.85	12.87	12.82	12.73		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.45	17.97	18.04	17.89	17.94	18.8	0
15	QPSK	1	37	17.49	17.90	17.95	18.03	17.89		
15	QPSK	1	74	17.37	17.93	17.94	17.93	17.97		
15	QPSK	36	0	17.08	17.47	17.50	17.49	17.49	18.3	0.5
15	QPSK	36	20	16.85	17.35	17.41	17.34	17.28		
15	QPSK	36	39	16.93	17.43	17.44	17.35	17.34		
15	QPSK	75	0	16.91	17.34	17.38	17.30	17.31		
15	16QAM	1	0	17.12	17.50	17.58	17.35	17.40	18.3	0.5
15	16QAM	1	37	17.05	17.36	17.35	17.40	17.48		
15	16QAM	1	74	16.96	17.27	17.32	17.27	17.34		
15	16QAM	36	0	16.51	17.08	17.01	16.87	17.01	17.8	1
15	16QAM	36	20	16.40	16.82	16.95	16.95	16.94		
15	16QAM	36	39	16.43	16.91	16.88	16.75	16.86		
15	16QAM	75	0	16.32	16.87	16.85	16.84	16.80		
15	64QAM	1	0	15.87	16.28	16.36	16.22	16.23	17.8	1
15	64QAM	1	37	15.88	16.17	16.19	16.21	16.23		
15	64QAM	1	74	15.94	16.19	16.14	16.14	16.05		
15	64QAM	36	0	15.48	15.84	16.06	15.90	16.03	16.8	2
15	64QAM	36	20	15.47	15.84	15.89	15.72	15.78		
15	64QAM	36	39	15.34	15.94	15.94	15.87	15.87		
15	64QAM	75	0	15.45	15.75	15.94	15.96	15.71		
15	256QAM	1	0	12.48	12.76	12.84	12.73	12.74	13.8	5
15	256QAM	1	37	12.38	12.65	12.86	12.76	12.84		
15	256QAM	1	74	12.21	12.68	12.80	12.65	12.71		
15	256QAM	36	0	12.31	12.58	12.80	12.64	12.62	13.8	5
15	256QAM	36	20	12.27	12.77	12.88	12.69	12.77		
15	256QAM	36	39	12.37	12.70	12.80	12.68	12.74		
15	256QAM	75	0	12.45	12.79	12.73	12.78	12.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.48	17.97	17.92	17.98	17.88	18.8	0
10	QPSK	1	25	17.52	17.95	17.95	17.93	17.97		
10	QPSK	1	49	17.38	17.93	17.84	17.86	17.98		
10	QPSK	25	0	17.11	17.45	17.54	17.52	17.44	18.3	0.5
10	QPSK	25	12	16.86	17.29	17.36	17.35	17.31		
10	QPSK	25	25	16.87	17.41	17.46	17.42	17.37		
10	QPSK	50	0	16.91	17.35	17.45	17.29	17.36		
10	16QAM	1	0	17.06	17.44	17.49	17.39	17.46	18.3	0.5
10	16QAM	1	25	16.96	17.40	17.48	17.41	17.36		
10	16QAM	1	49	16.92	17.26	17.44	17.32	17.25		
10	16QAM	25	0	16.50	16.96	16.95	16.86	16.97	17.8	1
10	16QAM	25	12	16.41	16.87	17.00	16.94	16.94		
10	16QAM	25	25	16.41	16.91	16.94	16.79	16.91		
10	16QAM	50	0	16.38	16.79	16.83	16.79	16.84		
10	64QAM	1	0	15.95	16.21	16.31	16.33	16.21	17.8	1
10	64QAM	1	25	15.89	16.17	16.29	16.27	16.17		
10	64QAM	1	49	15.87	16.11	16.15	16.10	16.04		
10	64QAM	25	0	15.49	15.91	16.06	16.00	15.93	16.8	2
10	64QAM	25	12	15.36	15.78	15.89	15.72	15.76		
10	64QAM	25	25	15.42	15.85	15.87	15.93	15.91		
10	64QAM	50	0	15.43	15.76	15.87	15.82	15.82		
10	256QAM	1	0	12.44	12.81	12.83	12.80	12.74	13.8	5
10	256QAM	1	25	12.37	12.74	12.78	12.83	12.72		
10	256QAM	1	49	12.32	12.58	12.83	12.71	12.69		
10	256QAM	25	0	12.36	12.62	12.78	12.75	12.57	13.8	5
10	256QAM	25	12	12.31	12.77	12.86	12.69	12.70		
10	256QAM	25	25	12.32	12.70	12.78	12.70	12.73		
10	256QAM	50	0	12.38	12.74	12.74	12.76	12.64		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.54	17.95	18.01	17.93	17.91	18.8	0
5	QPSK	1	12	17.56	17.93	18.02	17.96	17.88		
5	QPSK	1	24	17.47	17.88	17.94	17.90	17.86		
5	QPSK	12	0	16.99	17.47	17.42	17.50	17.49	18.3	0.5
5	QPSK	12	7	16.86	17.41	17.43	17.44	17.32		
5	QPSK	12	13	16.82	17.36	17.40	17.42	17.43		
5	QPSK	25	0	16.83	17.41	17.41	17.28	17.31		
5	16QAM	1	0	17.10	17.54	17.49	17.46	17.42	18.3	0.5
5	16QAM	1	12	17.05	17.30	17.44	17.37	17.34		
5	16QAM	1	24	16.99	17.28	17.41	17.37	17.21		
5	16QAM	12	0	16.48	17.08	17.02	16.99	16.98	17.8	1
5	16QAM	12	7	16.43	16.79	16.94	16.93	16.99		
5	16QAM	12	13	16.54	16.88	16.81	16.71	16.90		
5	16QAM	25	0	16.42	16.76	16.91	16.88	16.78		
5	64QAM	1	0	15.84	16.26	16.36	16.23	16.22	17.8	1
5	64QAM	1	12	15.87	16.09	16.30	16.29	16.15		
5	64QAM	1	24	15.96	16.22	16.14	16.21	16.11		
5	64QAM	12	0	15.54	15.92	15.99	15.93	15.99	16.8	2
5	64QAM	12	7	15.45	15.84	15.81	15.73	15.89		
5	64QAM	12	13	15.47	15.85	15.92	15.82	15.89		
5	64QAM	25	0	15.36	15.80	15.91	15.84	15.75		
5	256QAM	1	0	12.52	12.83	12.84	12.80	12.75	13.8	5
5	256QAM	1	12	12.31	12.72	12.79	12.82	12.74		
5	256QAM	1	24	12.27	12.68	12.84	12.68	12.75		
5	256QAM	12	0	12.30	12.71	12.80	12.74	12.54	13.8	5
5	256QAM	12	7	12.31	12.76	12.77	12.72	12.71		
5	256QAM	12	13	12.31	12.70	12.72	12.68	12.64		
5	256QAM	25	0	12.34	12.81	12.76	12.78	12.68		

Band 41(HPUE)_Ant 7

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	19.66	19.96	20.00	19.90	19.88	20.8	0
20	QPSK	1	49	19.57	19.81	19.85	19.80	19.78		
20	QPSK	1	99	19.54	19.90	19.99	19.88	19.78		
20	QPSK	50	0	19.63	19.95	19.98	19.89	19.82	20.8	0
20	QPSK	50	24	19.58	19.87	19.88	19.88	19.78		
20	QPSK	50	50	19.60	19.94	19.90	19.85	19.74		
20	QPSK	100	0	19.60	19.82	19.89	19.75	19.76		
20	16QAM	1	0	19.65	19.85	19.95	19.83	19.81	20.8	0
20	16QAM	1	49	19.54	19.92	19.85	19.87	19.78		
20	16QAM	1	99	19.58	19.86	19.96	19.87	19.75		
20	16QAM	50	0	19.60	19.85	19.85	19.78	19.78	20.8	0
20	16QAM	50	24	19.51	19.85	19.92	19.82	19.86		
20	16QAM	50	50	19.65	19.84	19.98	19.79	19.80		
20	16QAM	100	0	19.54	19.87	19.87	19.77	19.84		
20	64QAM	1	0	19.24	19.68	19.71	19.57	19.70	20.8	0
20	64QAM	1	49	19.21	19.57	19.63	19.50	19.48		
20	64QAM	1	99	19.22	19.53	19.65	19.59	19.53		
20	64QAM	50	0	18.56	19.01	19.10	19.06	18.97	19.8	1
20	64QAM	50	24	18.60	18.89	18.97	18.94	18.95		
20	64QAM	50	50	18.56	18.86	18.97	18.88	18.89		
20	64QAM	100	0	18.59	19.03	19.09	19.04	19.00		
20	256QAM	1	0	15.53	15.88	16.00	15.95	15.99	16.8	4
20	256QAM	1	49	15.48	15.88	15.92	15.88	15.87		
20	256QAM	1	99	15.49	15.82	15.93	15.87	15.85		
20	256QAM	50	0	15.50	15.82	15.94	15.89	15.84	16.8	4
20	256QAM	50	24	15.55	15.85	15.96	15.92	15.93		
20	256QAM	50	50	15.47	15.82	15.92	15.80	15.82		
20	256QAM	100	0	15.47	15.80	15.92	15.80	15.88		
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	19.60	19.91	19.97	19.87	19.73	20.8	0
15	QPSK	1	37	19.42	19.71	19.82	19.65	19.66		
15	QPSK	1	74	19.53	19.89	19.95	19.86	19.69		
15	QPSK	36	0	19.60	19.92	19.90	19.81	19.70	20.8	0
15	QPSK	36	20	19.44	19.81	19.76	19.85	19.70		
15	QPSK	36	39	19.59	19.80	19.78	19.78	19.70		
15	QPSK	75	0	19.55	19.78	19.82	19.60	19.69		
15	16QAM	1	0	19.52	19.81	19.82	19.79	19.66	20.8	0
15	16QAM	1	37	19.41	19.78	19.81	19.77	19.76		
15	16QAM	1	74	19.51	19.82	19.89	19.86	19.73		
15	16QAM	36	0	19.59	19.74	19.76	19.70	19.70	20.8	0
15	16QAM	36	20	19.44	19.78	19.86	19.74	19.75		
15	16QAM	36	39	19.59	19.78	19.96	19.75	19.77		
15	16QAM	75	0	19.51	19.73	19.77	19.69	19.74		
15	64QAM	1	0	19.10	19.55	19.68	19.53	19.68	20.8	0
15	64QAM	1	37	19.13	19.51	19.60	19.42	19.37		
15	64QAM	1	74	19.21	19.51	19.64	19.45	19.42		
15	64QAM	36	0	18.51	18.93	18.99	18.93	18.83	19.8	1
15	64QAM	36	20	18.49	18.79	18.92	18.83	18.80		
15	64QAM	36	39	18.46	18.79	18.82	18.74	18.78		
15	64QAM	75	0	18.51	18.95	19.08	18.91	18.92		
15	256QAM	1	0	15.39	15.77	15.93	15.87	15.85	16.8	4
15	256QAM	1	37	15.45	15.81	15.89	15.85	15.79		
15	256QAM	1	74	15.40	15.69	15.82	15.79	15.73		
15	256QAM	36	0	15.38	15.79	15.92	15.78	15.74	16.8	4
15	256QAM	36	20	15.49	15.76	15.92	15.82	15.80		
15	256QAM	36	39	15.36	15.70	15.80	15.74	15.74		
15	256QAM	75	0	15.46	15.78	15.82	15.72	15.82		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.55	19.83	19.85	19.77	19.78	20.8	0
10	QPSK	1	25	19.56	19.74	19.72	19.65	19.65		
10	QPSK	1	49	19.46	19.81	19.85	19.85	19.75		
10	QPSK	25	0	19.54	19.94	19.92	19.88	19.77	20.8	0
10	QPSK	25	12	19.55	19.81	19.76	19.82	19.77		
10	QPSK	25	25	19.54	19.85	19.81	19.78	19.71		
10	QPSK	50	0	19.59	19.79	19.87	19.70	19.66		
10	16QAM	1	0	19.53	19.82	19.92	19.76	19.70	20.8	0
10	16QAM	1	25	19.41	19.91	19.79	19.78	19.72		
10	16QAM	1	49	19.43	19.82	19.83	19.73	19.60		
10	16QAM	25	0	19.46	19.83	19.78	19.63	19.74	20.8	0
10	16QAM	25	12	19.46	19.70	19.83	19.76	19.73		
10	16QAM	25	25	19.58	19.81	19.91	19.78	19.77		
10	16QAM	50	0	19.48	19.76	19.76	19.64	19.71		
10	64QAM	1	0	19.10	19.65	19.69	19.47	19.55	20.8	0
10	64QAM	1	25	19.19	19.47	19.57	19.46	19.34		
10	64QAM	1	49	19.10	19.50	19.60	19.49	19.42		
10	64QAM	25	0	18.55	18.93	18.96	18.91	18.82	19.8	1
10	64QAM	25	12	18.55	18.75	18.88	18.93	18.94		
10	64QAM	25	25	18.45	18.81	18.94	18.78	18.85		
10	64QAM	50	0	18.49	18.89	19.04	19.01	18.88		
10	256QAM	1	0	15.49	15.77	15.92	15.91	15.87	16.8	4
10	256QAM	1	25	15.41	15.76	15.77	15.73	15.79		
10	256QAM	1	49	15.40	15.74	15.87	15.74	15.79		
10	256QAM	25	0	15.49	15.77	15.93	15.87	15.72	16.8	4
10	256QAM	25	12	15.45	15.73	15.86	15.86	15.82		
10	256QAM	25	25	15.45	15.76	15.91	15.77	15.79		
10	256QAM	50	0	15.46	15.74	15.82	15.73	15.87		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.58	19.92	19.92	19.89	19.79	20.8	0
5	QPSK	1	12	19.51	19.74	19.71	19.66	19.63		
5	QPSK	1	24	19.47	19.78	19.97	19.75	19.68		
5	QPSK	12	0	19.61	19.85	19.85	19.83	19.81	20.8	0
5	QPSK	12	7	19.53	19.72	19.83	19.77	19.71		
5	QPSK	12	13	19.55	19.93	19.86	19.70	19.67		
5	QPSK	25	0	19.58	19.80	19.87	19.65	19.67		
5	16QAM	1	0	19.56	19.75	19.91	19.76	19.66	20.8	0
5	16QAM	1	12	19.50	19.88	19.80	19.77	19.73		
5	16QAM	1	24	19.54	19.77	19.83	19.75	19.67		
5	16QAM	12	0	19.46	19.83	19.84	19.71	19.73	20.8	0
5	16QAM	12	7	19.41	19.71	19.81	19.73	19.74		
5	16QAM	12	13	19.54	19.72	19.97	19.66	19.71		
5	16QAM	25	0	19.50	19.82	19.83	19.63	19.74		
5	64QAM	1	0	19.22	19.60	19.68	19.45	19.58	20.8	0
5	64QAM	1	12	19.15	19.44	19.55	19.39	19.45		
5	64QAM	1	24	19.07	19.38	19.56	19.58	19.44		
5	64QAM	12	0	18.44	18.95	18.98	18.92	18.88	19.8	1
5	64QAM	12	7	18.54	18.86	18.85	18.87	18.89		
5	64QAM	12	13	18.49	18.75	18.91	18.79	18.81		
5	64QAM	25	0	18.57	18.96	18.96	18.93	18.95		
5	256QAM	1	0	15.52	15.74	15.98	15.88	15.95	16.8	4
5	256QAM	1	12	15.44	15.87	15.85	15.83	15.84		
5	256QAM	1	24	15.43	15.74	15.91	15.81	15.71		
5	256QAM	12	0	15.35	15.79	15.90	15.80	15.76	16.8	4
5	256QAM	12	7	15.46	15.74	15.81	15.89	15.78		
5	256QAM	12	13	15.44	15.75	15.86	15.69	15.78		
5	256QAM	25	0	15.40	15.69	15.87	15.76	15.86		

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	29.45	29.53	29.52	30.10	20.45	20.53	20.52	21.10
GPRS/EDGE(GMSK) 1 Tx slot	29.42	29.50	29.42	30.10	20.42	20.50	20.42	21.10
GPRS/EDGE(GMSK) 2 Tx slots	26.34	26.45	26.42	27.60	20.34	20.45	20.42	21.60
GPRS/EDGE(GMSK) 3 Tx slots	24.37	24.52	24.48	26.10	20.11	20.26	20.22	21.84
GPRS/EDGE(GMSK) 4 Tx slots	23.31	23.40	23.39	24.60	20.31	20.40	20.39	21.60
EDGE 1 Tx slot	26.28	26.30	26.35	26.80	17.28	17.30	17.35	17.80
EDGE 2 Tx slot	25.20	25.25	25.18	25.60	19.20	19.25	19.18	19.60
EDGE 3 Tx slot	23.00	23.03	22.98	23.60	18.74	18.77	18.72	19.34
EDGE 4 Tx slot	21.43	21.45	21.37	22.10	18.43	18.45	18.37	19.10

Reduced Power Mode for ECI 10

GSM850_Ant1	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	32.16	32.17	32.05	33.50	23.16	23.17	23.05	24.50
GPRS/EDGE(GMSK) 1 Tx slot	32.12	32.15	32.01	33.50	23.12	23.15	23.01	24.50
GPRS/EDGE(GMSK) 2 Tx slots	29.59	29.70	29.65	31.00	23.59	23.70	23.65	25.00
GPRS/EDGE(GMSK) 3 Tx slots	28.01	28.13	28.05	29.50	23.75	23.87	23.79	25.24
GPRS/EDGE(GMSK) 4 Tx slots	26.94	27.08	26.97	28.00	23.94	24.08	23.97	25.00
EDGE 1 Tx slot	26.17	26.30	26.29	27.20	17.17	17.30	17.29	18.20
EDGE 2 Tx slot	25.00	25.12	25.00	26.00	19.00	19.12	19.00	20.00
EDGE 3 Tx slot	22.95	22.96	22.88	24.00	18.69	18.70	18.62	19.74
EDGE 4 Tx slot	21.23	21.35	21.26	22.50	18.23	18.35	18.26	19.50

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	29.80	29.83	29.85	30.50	20.80	20.83	20.85	21.50
GPRS/EDGE(GMSK) 1 Tx slot	29.78	29.80	29.78	30.50	20.78	20.80	20.78	21.50
GPRS/EDGE(GMSK) 2 Tx slots	27.27	27.42	27.31	28.50	21.27	21.42	21.31	22.50
GPRS/EDGE(GMSK) 3 Tx slots	25.77	25.83	25.73	26.50	21.51	21.57	21.47	22.24
GPRS/EDGE(GMSK) 4 Tx slots	24.61	24.65	24.53	25.00	21.61	21.65	21.53	22.00
EDGE 1 Tx slot	25.64	25.70	25.56	26.50	16.64	16.70	16.56	17.50
EDGE 2 Tx slot	23.83	23.85	23.82	24.50	17.83	17.85	17.82	18.50
EDGE 3 Tx slot	21.62	21.70	21.57	22.50	17.36	17.44	17.31	18.24
EDGE 4 Tx slot	20.62	20.69	20.65	21.50	17.62	17.69	17.65	18.50

GSM1900_Ant 6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	25.45	25.49	25.40	25.70	16.45	16.49	16.40	16.70
GPRS/EDGE(GMSK) 1 Tx slot	25.41	25.45	25.37	25.70	16.41	16.45	16.37	16.70
GPRS/EDGE(GMSK) 2 Tx slots	22.31	22.40	22.39	23.70	16.31	16.40	16.39	17.70
GPRS/EDGE(GMSK) 3 Tx slots	20.52	20.62	20.56	21.70	16.26	16.36	16.30	17.44
GPRS/EDGE(GMSK) 4 Tx slots	19.30	19.33	19.24	20.20	16.30	16.33	16.24	17.20
EDGE 1 Tx slot	24.71	24.85	24.75	25.20	15.71	15.85	15.75	16.20
EDGE 2 Tx slot	21.71	21.85	21.83	22.20	15.71	15.85	15.83	16.20
EDGE 3 Tx slot	19.90	19.92	19.79	20.20	15.64	15.66	15.53	15.94
EDGE 4 Tx slot	18.37	18.40	18.36	18.70	15.37	15.40	15.36	15.70

Band		WCDMA II_Ant 5			Tune-up Limit (dBm)	WCDMA II_Ant 6			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.03	23.08	23.00	23.80	15.26	15.27	15.32	15.90
3GPP Rel 99	RMC 12.2Kbps	23.05	23.10	23.02	23.80	15.32	15.40	15.36	15.90
3GPP Rel 6	HSDPA Subtest-1	21.99	22.09	22.00	22.80	15.21	15.36	15.25	15.90
3GPP Rel 6	HSDPA Subtest-2	22.00	22.07	21.97	22.80	15.25	15.26	15.34	15.90
3GPP Rel 6	HSDPA Subtest-3	21.56	21.60	21.51	22.30	15.18	15.35	15.35	15.90
3GPP Rel 6	HSDPA Subtest-4	21.48	21.56	21.49	22.30	15.24	15.27	15.23	15.90
3GPP Rel 8	DC-HSDPA Subtest-1	21.88	22.08	21.96	22.80	15.21	15.25	15.33	15.90
3GPP Rel 8	DC-HSDPA Subtest-2	21.88	22.02	21.90	22.80	15.20	15.37	15.35	15.90
3GPP Rel 8	DC-HSDPA Subtest-3	21.55	21.57	21.42	22.30	15.30	15.36	15.28	15.90
3GPP Rel 8	DC-HSDPA Subtest-4	21.37	21.43	21.46	22.30	15.17	15.31	15.26	15.90
3GPP Rel 6	HSUPA Subtest-1	21.05	21.12	21.04	22.80	15.26	15.26	15.29	15.90
3GPP Rel 6	HSUPA Subtest-2	21.04	21.10	21.05	22.80	15.22	15.28	15.34	15.90
3GPP Rel 6	HSUPA Subtest-3	21.06	21.13	21.05	22.80	15.29	15.38	15.25	15.90
3GPP Rel 6	HSUPA Subtest-4	20.55	20.65	20.60	22.30	15.24	15.30	15.35	15.90
3GPP Rel 6	HSUPA Subtest-5	22.00	22.10	22.00	23.80	15.23	15.38	15.23	15.90
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.07	21.10	21.04	22.30	15.30	15.38	15.23	15.90

Band		WCDMA IV_Ant5			Tune-up Limit (dBm)	WCDMA IV_Ant6			Tune-up Limit (dBm)	WCDMA IV_Ant11			Tune-up Limit (dBm)	WCDMA IV_Ant7			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.08	24.12	24.10	24.80	14.90	14.90	14.88	15.40	18.18	18.19	18.22	18.80	15.26	15.39	15.23	16.10
3GPP Rel 99	RMC 12.2Kbps	24.12	24.15	24.13	24.80	14.88	14.94	14.85	15.40	18.22	18.28	18.26	18.80	15.32	15.42	15.35	16.10
3GPP Rel 6	HSDPA Subtest-1	23.17	23.18	23.18	23.80	14.73	14.89	14.81	15.40	18.15	18.19	18.17	18.80	15.22	15.36	15.30	16.10
3GPP Rel 6	HSDPA Subtest-2	23.13	23.11	23.14	23.80	14.77	14.88	14.77	15.40	18.19	18.27	18.22	18.80	15.30	15.29	15.22	16.10
3GPP Rel 6	HSDPA Subtest-3	22.70	22.63	22.71	23.30	14.87	14.88	14.81	15.40	18.07	18.24	18.15	18.80	15.24	15.36	15.21	16.10
3GPP Rel 6	HSDPA Subtest-4	22.63	22.62	22.65	23.30	14.74	14.85	14.81	15.40	18.16	18.20	18.14	18.80	15.31	15.30	15.21	16.10
3GPP Rel 8	DC-HSDPA Subtest-1	23.11	23.07	23.16	23.80	14.83	14.82	14.80	15.40	18.08	18.14	18.24	18.80	15.28	15.28	15.28	16.10
3GPP Rel 8	DC-HSDPA Subtest-2	23.04	22.98	23.08	23.80	14.80	14.77	14.79	15.40	18.14	18.23	18.11	18.80	15.23	15.27	15.26	16.10
3GPP Rel 8	DC-HSDPA Subtest-3	22.64	22.59	22.62	23.30	14.76	14.78	14.70	15.40	18.17	18.21	18.19	18.80	15.30	15.37	15.23	16.10
3GPP Rel 8	DC-HSDPA Subtest-4	22.51	22.50	22.50	23.30	14.84	14.75	14.75	15.40	18.18	18.26	18.18	18.80	15.22	15.40	15.21	16.10
3GPP Rel 6	HSUPA Subtest-1	22.18	22.14	22.22	22.80	14.83	14.78	14.71	15.40	18.18	18.14	18.24	18.80	15.17	15.33	15.20	16.10
3GPP Rel 6	HSUPA Subtest-2	22.21	22.16	22.25	22.80	14.85	14.89	14.75	15.40	18.20	18.23	18.19	18.80	15.26	15.33	15.32	16.10
3GPP Rel 6	HSUPA Subtest-3	22.21	22.15	22.18	22.80	14.80	14.83	14.76	15.40	18.21	18.27	18.14	18.80	15.30	15.36	15.28	16.10
3GPP Rel 6	HSUPA Subtest-4	21.70	21.70	21.72	22.30	14.76	14.77	14.80	15.40	18.07	18.14	18.17	18.80	15.31	15.28	15.31	16.10
3GPP Rel 6	HSUPA Subtest-5	23.20	23.20	23.20	23.80	14.78	14.85	14.81	15.40	18.17	18.18	18.15	18.80	15.20	15.38	15.23	16.10
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.98	22.09	22.05	23.80	14.83	14.75	14.75	15.40	18.19	18.16	18.20	18.80	15.28	15.36	15.25	16.10

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	22.18	22.37	22.32	22.90	24.20	24.23	24.25	24.80
3GPP Rel 99	RMC 12.2Kbps	22.33	22.40	22.36	22.90	24.24	24.28	24.27	24.80
3GPP Rel 6	HSDPA Subtest-1	22.18	22.31	22.30	22.90	23.30	23.24	23.33	23.80
3GPP Rel 6	HSDPA Subtest-2	22.29	22.31	22.28	22.90	23.29	23.26	23.29	23.80
3GPP Rel 6	HSDPA Subtest-3	22.21	22.27	22.29	22.90	22.83	22.80	22.89	23.30
3GPP Rel 6	HSDPA Subtest-4	22.33	22.35	22.34	22.90	22.81	22.73	22.85	23.30
3GPP Rel 8	DC-HSDPA Subtest-1	22.27	22.32	22.23	22.90	23.26	23.22	23.26	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	22.23	22.31	22.21	22.90	23.18	23.19	23.19	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	22.25	22.30	22.28	22.90	22.72	22.75	22.77	23.30
3GPP Rel 8	DC-HSDPA Subtest-4	22.25	22.31	22.30	22.90	22.73	22.67	22.73	23.30
3GPP Rel 6	HSUPA Subtest-1	21.84	21.82	21.86	22.40	22.25	22.26	22.29	22.80
3GPP Rel 6	HSUPA Subtest-2	21.83	21.83	21.85	22.40	22.28	22.28	22.28	22.80
3GPP Rel 6	HSUPA Subtest-3	21.84	21.84	21.86	22.40	22.29	22.27	22.28	22.80
3GPP Rel 6	HSUPA Subtest-4	21.38	21.34	21.36	21.90	21.81	21.73	21.83	22.30
3GPP Rel 6	HSUPA Subtest-5	22.26	22.37	22.30	22.90	23.30	23.30	23.30	23.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.75	21.86	21.84	22.90	22.25	22.31	22.21	23.80

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BW [MHz]	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	23.13	23.24	23.13	23.8	0
20	QPSK	1	49	23.10	23.17	23.01		
20	QPSK	1	99	23.09	23.02	23.01		
20	QPSK	50	0	22.66	22.74	22.70	23.3	0.5
20	QPSK	50	24	22.62	22.71	22.64		
20	QPSK	50	50	22.61	22.64	22.64		
20	QPSK	100	0	22.62	22.70	22.61		
20	16QAM	1	0	23.16	22.86	23.10	23.3	0.5
20	16QAM	1	49	23.00	23.17	23.06		
20	16QAM	1	99	22.90	22.88	22.94		
20	16QAM	50	0	22.19	22.21	22.19	22.8	1
20	16QAM	50	24	22.14	22.18	22.13		
20	16QAM	50	50	22.19	22.14	22.07		
20	16QAM	100	0	22.13	22.20	22.17		
20	64QAM	1	0	21.71	21.90	21.83	22.8	1
20	64QAM	1	49	21.71	21.81	21.87		
20	64QAM	1	99	21.69	21.88	21.76		
20	64QAM	50	0	21.18	21.20	21.17	21.8	2
20	64QAM	50	24	21.15	21.21	21.10		
20	64QAM	50	50	21.14	21.12	21.08		
20	64QAM	100	0	21.10	21.17	21.11		
20	256QAM	1	0	17.21	17.35	17.20	18.8	5
20	256QAM	1	49	17.26	17.31	17.28		
20	256QAM	1	99	17.18	17.32	17.21		
20	256QAM	50	0	17.16	17.21	17.19	18.8	5
20	256QAM	50	24	17.09	17.24	17.22		
20	256QAM	50	50	17.20	17.25	17.21		
20	256QAM	100	0	17.19	17.27	17.17		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.99	23.04	22.87	23.8	0
15	QPSK	1	37	23.01	23.14	23.02		
15	QPSK	1	74	23.06	22.87	22.93		
15	QPSK	36	0	22.64	22.63	22.69	23.3	0.5
15	QPSK	36	20	22.55	22.61	22.59		
15	QPSK	36	39	22.58	22.55	22.49		
15	QPSK	75	0	22.60	22.55	22.60		
15	16QAM	1	0	23.14	22.81	23.04	23.3	0.5
15	16QAM	1	37	22.97	23.03	22.97		
15	16QAM	1	74	22.80	22.80	22.82		
15	16QAM	36	0	22.13	22.06	22.17	22.8	1
15	16QAM	36	20	22.11	22.15	21.99		
15	16QAM	36	39	22.12	22.03	21.95		
15	16QAM	75	0	22.06	22.19	22.16		
15	64QAM	1	0	21.60	21.76	21.75	22.8	1
15	64QAM	1	37	21.62	21.71	21.83		
15	64QAM	1	74	21.67	21.79	21.70		
15	64QAM	36	0	21.04	21.17	21.09	21.8	2
15	64QAM	36	20	21.14	21.14	21.00		
15	64QAM	36	39	20.99	21.11	20.94		
15	64QAM	75	0	21.06	21.13	20.97		
15	256QAM	1	0	17.18	17.34	17.18	18.8	5
15	256QAM	1	37	17.17	17.27	17.20		
15	256QAM	1	74	17.16	17.23	17.14		
15	256QAM	36	0	17.05	17.14	17.04	18.8	5
15	256QAM	36	20	17.05	17.14	17.07		
15	256QAM	36	39	17.10	17.13	17.16		
15	256QAM	75	0	17.08	17.25	17.05		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.97	23.05	22.98	23.8	0
10	QPSK	1	25	23.00	23.11	23.11		
10	QPSK	1	49	22.97	22.96	22.94		
10	QPSK	25	0	22.61	22.69	22.61	23.3	0.5
10	QPSK	25	12	22.52	22.65	22.59		
10	QPSK	25	25	22.59	22.53	22.54		
10	QPSK	50	0	22.61	22.57	22.46		
10	16QAM	1	0	23.11	22.83	22.95	23.3	0.5
10	16QAM	1	25	22.97	23.11	23.01		
10	16QAM	1	49	22.79	22.79	22.86		
10	16QAM	25	0	22.06	22.07	22.05	22.8	1
10	16QAM	25	12	22.06	22.13	22.00		
10	16QAM	25	25	22.11	22.11	21.96		
10	16QAM	50	0	21.98	22.07	22.02		
10	64QAM	1	0	21.61	21.79	21.68	22.8	1
10	64QAM	1	25	21.63	21.75	21.78		
10	64QAM	1	49	21.68	21.75	21.67		
10	64QAM	25	0	21.03	21.10	21.06	21.8	2
10	64QAM	25	12	21.10	21.18	21.07		
10	64QAM	25	25	21.10	21.11	21.03		
10	64QAM	50	0	20.95	21.12	21.00		
10	256QAM	1	0	17.20	17.30	17.19	18.8	5
10	256QAM	1	25	17.20	17.19	17.22		
10	256QAM	1	49	17.11	17.21	17.10		
10	256QAM	25	0	17.12	17.15	17.12	18.8	5
10	256QAM	25	12	16.98	17.09	17.20		
10	256QAM	25	25	17.09	17.16	17.15		
10	256QAM	50	0	17.13	17.23	17.12		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.99	23.08	23.00	23.8	0
5	QPSK	1	12	23.08	23.17	23.04		
5	QPSK	1	24	23.01	22.99	22.99		
5	QPSK	12	0	22.59	22.61	22.55	23.3	0.5
5	QPSK	12	7	22.61	22.69	22.51		
5	QPSK	12	13	22.47	22.50	22.58		
5	QPSK	25	0	22.47	22.55	22.57		
5	16QAM	1	0	23.04	22.78	23.03	23.3	0.5
5	16QAM	1	12	22.86	23.02	23.04		
5	16QAM	1	24	22.89	22.84	22.93		
5	16QAM	12	0	22.04	22.15	22.07	22.8	1
5	16QAM	12	7	22.00	22.14	21.98		
5	16QAM	12	13	22.14	22.10	21.95		
5	16QAM	25	0	22.01	22.11	22.05		
5	64QAM	1	0	21.56	21.88	21.69	22.8	1
5	64QAM	1	12	21.63	21.68	21.77		
5	64QAM	1	24	21.59	21.78	21.61		
5	64QAM	12	0	21.11	21.18	21.13	21.8	2
5	64QAM	12	7	21.01	21.09	21.05		
5	64QAM	12	13	21.12	21.02	21.01		
5	64QAM	25	0	20.97	21.04	21.07		
5	256QAM	1	0	17.08	17.27	17.12	18.8	5
5	256QAM	1	12	17.17	17.19	17.20		
5	256QAM	1	24	17.13	17.30	17.19		
5	256QAM	12	0	17.12	17.14	17.06	18.8	5
5	256QAM	12	7	17.06	17.20	17.14		
5	256QAM	12	13	17.16	17.21	17.17		
5	256QAM	25	0	17.16	17.12	17.08		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.02	23.11	23.00	23.8	0
3	QPSK	1	8	23.09	23.19	23.07		
3	QPSK	1	14	23.05	23.01	22.94		
3	QPSK	8	0	22.57	22.70	22.60	23.3	0.5
3	QPSK	8	4	22.48	22.66	22.56		
3	QPSK	8	7	22.46	22.56	22.54		
3	QPSK	15	0	22.50	22.69	22.54		
3	16QAM	1	0	23.03	22.73	23.02	23.3	0.5
3	16QAM	1	8	22.96	23.11	22.97		
3	16QAM	1	14	22.83	22.80	22.88		
3	16QAM	8	0	22.10	22.06	22.17	22.8	1
3	16QAM	8	4	22.12	22.11	22.00		
3	16QAM	8	7	22.08	22.10	21.93		
3	16QAM	15	0	22.08	22.13	22.16		
3	64QAM	1	0	21.68	21.79	21.70	22.8	1
3	64QAM	1	8	21.68	21.79	21.77		
3	64QAM	1	14	21.54	21.87	21.67		
3	64QAM	8	0	21.15	21.12	21.08	21.8	2
3	64QAM	8	4	21.06	21.06	20.95		
3	64QAM	8	7	21.04	20.98	20.99		
3	64QAM	15	0	21.09	21.03	21.02		
3	256QAM	1	0	17.08	17.24	17.18	18.8	5
3	256QAM	1	8	17.16	17.25	17.22		
3	256QAM	1	14	17.15	17.17	17.19		
3	256QAM	8	0	17.04	17.14	17.05	18.8	5
3	256QAM	8	4	16.99	17.17	17.13		
3	256QAM	8	7	17.16	17.12	17.09		
3	256QAM	15	0	17.18	17.25	17.02		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.96	23.15	22.89	23.8	0
1.4	QPSK	1	3	23.04	23.21	22.98		
1.4	QPSK	1	5	23.07	22.98	22.97		
1.4	QPSK	3	0	23.05	23.03	22.94		
1.4	QPSK	3	1	23.01	23.23	23.08		
1.4	QPSK	3	3	23.02	22.96	22.96		
1.4	QPSK	6	0	22.57	22.57	22.48	23.3	0.5
1.4	16QAM	1	0	23.14	22.71	22.95	23.3	0.5
1.4	16QAM	1	3	22.96	23.05	22.98		
1.4	16QAM	1	5	22.75	22.87	22.85		
1.4	16QAM	3	0	23.04	22.72	23.05		
1.4	16QAM	3	1	22.91	23.07	22.91		
1.4	16QAM	3	3	22.80	22.86	22.93		
1.4	16QAM	6	0	22.09	22.09	22.05	22.8	1
1.4	64QAM	1	0	21.68	21.75	21.69	22.8	1
1.4	64QAM	1	3	21.69	21.67	21.85		
1.4	64QAM	1	5	21.63	21.80	21.62		
1.4	64QAM	3	0	21.64	21.86	21.81		
1.4	64QAM	3	1	21.65	21.79	21.80		
1.4	64QAM	3	3	21.54	21.85	21.70		
1.4	64QAM	6	0	21.04	21.10	20.99	21.8	2
1.4	256QAM	1	0	17.18	17.22	17.05	18.8	5
1.4	256QAM	1	3	17.12	17.23	17.27		
1.4	256QAM	1	5	17.15	17.27	17.13		
1.4	256QAM	3	0	17.15	17.18	17.17		
1.4	256QAM	3	1	17.01	17.09	17.21		
1.4	256QAM	3	3	17.18	17.23	17.08		
1.4	256QAM	6	0	17.16	17.17	17.16	18.8	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	15.12	15.20	15.15	15.9	0
20	QPSK	1	49	15.06	15.10	15.13		
20	QPSK	1	99	15.10	15.16	15.09		
20	QPSK	50	0	15.10	15.18	15.09	15.9	0
20	QPSK	50	24	15.05	15.14	15.05		
20	QPSK	50	50	15.02	15.11	15.01		
20	QPSK	100	0	15.03	15.17	15.06		
20	16QAM	1	0	15.08	15.11	15.10	15.9	0
20	16QAM	1	49	15.00	15.15	15.04		
20	16QAM	1	99	14.97	15.18	15.14		
20	16QAM	50	0	15.06	15.12	15.14	15.9	0
20	16QAM	50	24	15.04	15.16	15.12		
20	16QAM	50	50	15.05	15.07	15.03		
20	16QAM	100	0	15.09	15.17	15.10		
20	64QAM	1	0	15.08	15.12	15.10	15.9	0
20	64QAM	1	49	14.97	15.13	15.08		
20	64QAM	1	99	15.04	15.19	15.12		
20	64QAM	50	0	15.06	15.07	15.13	15.9	0
20	64QAM	50	24	15.04	15.16	15.07		
20	64QAM	50	50	15.03	15.19	15.00		
20	64QAM	100	0	15.00	15.18	15.00		
20	256QAM	1	0	15.02	15.05	15.00	15.9	0
20	256QAM	1	49	14.98	15.06	15.00		
20	256QAM	1	99	14.98	15.16	15.04		
20	256QAM	50	0	15.01	15.10	15.01	15.9	0
20	256QAM	50	24	15.07	15.12	15.09		
20	256QAM	50	50	14.98	15.09	15.10		
20	256QAM	100	0	15.11	15.07	15.00		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.98	15.18	15.05	15.9	0
15	QPSK	1	37	15.00	14.96	15.10		
15	QPSK	1	74	15.01	15.12	14.94		
15	QPSK	36	0	14.95	15.15	14.94	15.9	0
15	QPSK	36	20	14.99	15.13	14.90		
15	QPSK	36	39	14.93	14.97	14.86		
15	QPSK	75	0	14.90	15.04	15.05		
15	16QAM	1	0	15.06	15.05	14.97	15.9	0
15	16QAM	1	37	14.94	15.07	14.89		
15	16QAM	1	74	14.95	15.08	15.04		
15	16QAM	36	0	14.97	15.05	15.11	15.9	0
15	16QAM	36	20	15.01	15.09	15.02		
15	16QAM	36	39	15.01	15.05	14.90		
15	16QAM	75	0	15.01	15.08	15.09		
15	64QAM	1	0	15.07	15.03	14.97	15.9	0
15	64QAM	1	37	14.95	15.09	14.98		
15	64QAM	1	74	15.00	15.10	14.99		
15	64QAM	36	0	15.04	15.04	15.04	15.9	0
15	64QAM	36	20	14.92	15.13	14.93		
15	64QAM	36	39	14.98	15.04	14.87		
15	64QAM	75	0	14.98	15.09	14.93		
15	256QAM	1	0	15.01	14.95	14.90	15.9	0
15	256QAM	1	37	14.96	14.95	14.97		
15	256QAM	1	74	14.85	15.05	14.99		
15	256QAM	36	0	14.88	15.06	14.87	15.9	0
15	256QAM	36	20	15.03	15.02	15.05		
15	256QAM	36	39	14.84	14.94	15.02		
15	256QAM	75	0	14.98	14.92	14.89		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.98	15.14	15.01	15.9	0
10	QPSK	1	25	15.03	15.02	14.99		
10	QPSK	1	49	14.95	15.12	15.00		
10	QPSK	25	0	15.08	15.09	15.07	15.9	0
10	QPSK	25	12	14.99	15.04	14.92		
10	QPSK	25	25	15.01	15.07	14.99		
10	QPSK	50	0	14.96	15.08	14.96		
10	16QAM	1	0	15.00	15.07	15.03	15.9	0
10	16QAM	1	25	14.97	15.14	14.96		
10	16QAM	1	49	14.87	15.03	14.99		
10	16QAM	25	0	15.02	15.03	15.05	15.9	0
10	16QAM	25	12	15.00	15.14	15.04		
10	16QAM	25	25	14.92	14.97	14.92		
10	16QAM	50	0	15.02	15.02	14.99		
10	64QAM	1	0	15.02	15.09	15.01	15.9	0
10	64QAM	1	25	14.82	15.12	15.01		
10	64QAM	1	49	14.90	15.07	15.01		
10	64QAM	25	0	14.96	15.00	15.01	15.9	0
10	64QAM	25	12	14.89	15.08	14.93		
10	64QAM	25	25	14.97	15.08	14.99		
10	64QAM	50	0	14.96	15.06	14.88		
10	256QAM	1	0	14.89	15.04	14.94	15.9	0
10	256QAM	1	25	14.92	14.94	14.95		
10	256QAM	1	49	14.87	15.03	14.89		
10	256QAM	25	0	14.89	15.04	14.87	15.9	0
10	256QAM	25	12	14.94	14.97	14.95		
10	256QAM	25	25	14.91	15.02	14.98		
10	256QAM	50	0	15.08	15.06	14.91		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.02	15.06	15.12	15.9	0
5	QPSK	1	12	14.97	15.00	15.00		
5	QPSK	1	24	15.05	15.11	15.05		
5	QPSK	12	0	15.09	15.04	15.01	15.9	0
5	QPSK	12	7	14.91	15.06	15.00		
5	QPSK	12	13	14.91	15.09	14.88		
5	QPSK	25	0	15.02	15.08	15.00		
5	16QAM	1	0	15.04	14.99	15.05	15.9	0
5	16QAM	1	12	14.96	15.12	14.96		
5	16QAM	1	24	14.84	15.11	15.08		
5	16QAM	12	0	14.96	15.03	15.05	15.9	0
5	16QAM	12	7	14.90	15.07	15.08		
5	16QAM	12	13	14.96	14.98	14.92		
5	16QAM	25	0	14.99	15.10	15.01		
5	64QAM	1	0	15.02	15.03	15.09	15.9	0
5	64QAM	1	12	14.90	15.09	14.94		
5	64QAM	1	24	15.02	15.14	15.05		
5	64QAM	12	0	14.98	14.92	15.03	15.9	0
5	64QAM	12	7	15.02	15.05	15.04		
5	64QAM	12	13	15.01	15.04	14.88		
5	64QAM	25	0	14.86	15.12	14.97		
5	256QAM	1	0	14.97	14.91	14.96	15.9	0
5	256QAM	1	12	14.97	14.95	14.91		
5	256QAM	1	24	14.91	15.13	14.99		
5	256QAM	12	0	14.94	15.09	14.96	15.9	0
5	256QAM	12	7	15.06	14.98	14.98		
5	256QAM	12	13	14.89	14.95	15.02		
5	256QAM	25	0	15.05	14.92	14.93		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.97	15.05	15.12	15.9	0
3	QPSK	1	8	15.04	14.97	15.04		
3	QPSK	1	14	15.04	15.06	15.03		
3	QPSK	8	0	15.07	15.05	14.98	15.9	0
3	QPSK	8	4	15.00	15.09	14.91		
3	QPSK	8	7	14.89	14.97	14.94		
3	QPSK	15	0	14.98	15.08	15.02		
3	16QAM	1	0	14.97	15.04	15.05	15.9	0
3	16QAM	1	8	14.98	15.10	15.01		
3	16QAM	1	14	14.86	15.08	15.04		
3	16QAM	8	0	14.92	15.10	15.07	15.9	0
3	16QAM	8	4	14.93	15.01	14.97		
3	16QAM	8	7	14.96	14.94	14.98		
3	16QAM	15	0	15.01	15.16	15.00		
3	64QAM	1	0	15.07	15.07	15.05	15.9	0
3	64QAM	1	8	14.94	15.07	15.07		
3	64QAM	1	14	14.97	15.13	15.02		
3	64QAM	8	0	15.03	14.92	15.06	15.9	0
3	64QAM	8	4	14.93	15.10	14.93		
3	64QAM	8	7	14.98	15.06	14.97		
3	64QAM	15	0	14.99	15.11	14.87		
3	256QAM	1	0	14.96	15.04	14.98	15.9	0
3	256QAM	1	8	14.88	15.04	14.85		
3	256QAM	1	14	14.91	15.12	15.03		
3	256QAM	8	0	14.91	14.96	14.99	15.9	0
3	256QAM	8	4	14.97	15.04	15.05		
3	256QAM	8	7	14.97	15.04	14.96		
3	256QAM	15	0	15.09	15.01	14.95		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.09	15.09	15.04	15.9	0
1.4	QPSK	1	3	15.02	15.07	15.03		
1.4	QPSK	1	5	15.04	15.15	14.95		
1.4	QPSK	3	0	15.04	15.12	14.95		
1.4	QPSK	3	1	15.00	15.09	14.99		
1.4	QPSK	3	3	14.99	14.97	14.99		
1.4	QPSK	6	0	14.93	15.06	15.04	15.9	0
1.4	16QAM	1	0	15.05	14.99	15.05	15.9	0
1.4	16QAM	1	3	14.92	15.09	15.01		
1.4	16QAM	1	5	14.91	15.11	15.01		
1.4	16QAM	3	0	14.92	15.11	15.12		
1.4	16QAM	3	1	14.93	15.03	15.04		
1.4	16QAM	3	3	14.97	15.04	14.92		
1.4	16QAM	6	0	14.97	15.06	14.97	15.9	0
1.4	64QAM	1	0	15.07	14.98	14.99	15.9	0
1.4	64QAM	1	3	14.91	15.11	14.93		
1.4	64QAM	1	5	14.99	15.11	14.98		
1.4	64QAM	3	0	14.95	14.96	14.98		
1.4	64QAM	3	1	14.99	15.01	15.06		
1.4	64QAM	3	3	14.92	15.11	14.98		
1.4	64QAM	6	0	14.86	15.06	14.94	15.9	0
1.4	256QAM	1	0	15.01	14.91	14.90	15.9	0
1.4	256QAM	1	3	14.97	14.97	14.97		
1.4	256QAM	1	5	14.92	15.15	14.95		
1.4	256QAM	3	0	14.86	14.99	14.87		
1.4	256QAM	3	1	15.05	15.02	15.05		
1.4	256QAM	3	3	14.95	14.95	14.95		
1.4	256QAM	6	0	15.01	15.02	14.86	15.9	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.92	17.11	16.95	17.7	0
20	QPSK	1	49	16.84	17.00	16.91		
20	QPSK	1	99	16.73	16.94	16.80		
20	QPSK	50	0	16.89	17.05	16.92	17.7	0
20	QPSK	50	24	16.86	16.95	16.76		
20	QPSK	50	50	16.88	16.85	16.76		
20	QPSK	100	0	16.81	16.85	16.84		
20	16QAM	1	0	16.82	16.89	16.89	17.7	0
20	16QAM	1	49	16.95	16.95	16.81		
20	16QAM	1	99	16.77	16.85	16.85		
20	16QAM	50	0	16.90	16.96	16.86	17.7	0
20	16QAM	50	24	16.87	16.98	16.84		
20	16QAM	50	50	16.80	16.94	16.91		
20	16QAM	100	0	16.87	17.01	16.88		
20	64QAM	1	0	16.84	17.05	16.80	17.7	0
20	64QAM	1	49	16.83	17.00	16.82		
20	64QAM	1	99	16.91	16.94	16.92		
20	64QAM	50	0	16.81	16.94	16.80	17.7	0
20	64QAM	50	24	16.83	16.95	16.86		
20	64QAM	50	50	16.82	17.08	16.84		
20	64QAM	100	0	16.79	17.00	16.83		
20	256QAM	1	0	16.90	16.94	16.89	17.7	0
20	256QAM	1	49	16.80	17.02	16.84		
20	256QAM	1	99	16.84	16.97	16.83		
20	256QAM	50	0	16.82	17.02	16.80	17.7	0
20	256QAM	50	24	16.80	17.08	16.90		
20	256QAM	50	50	16.91	16.96	16.86		
20	256QAM	100	0	16.81	16.98	16.86		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.83	17.03	16.84	17.7	0
15	QPSK	1	37	16.79	16.99	16.84		
15	QPSK	1	74	16.65	16.88	16.74		
15	QPSK	36	0	16.84	17.02	16.82	17.7	0
15	QPSK	36	20	16.83	16.83	16.69		
15	QPSK	36	39	16.87	16.73	16.71		
15	QPSK	75	0	16.68	16.72	16.78		
15	16QAM	1	0	16.80	16.77	16.78	17.7	0
15	16QAM	1	37	16.94	16.85	16.70		
15	16QAM	1	74	16.71	16.82	16.71		
15	16QAM	36	0	16.83	16.82	16.77	17.7	0
15	16QAM	36	20	16.81	16.97	16.75		
15	16QAM	36	39	16.66	16.81	16.83		
15	16QAM	75	0	16.82	16.86	16.83		
15	64QAM	1	0	16.83	16.90	16.70	17.7	0
15	64QAM	1	37	16.69	16.89	16.70		
15	64QAM	1	74	16.87	16.82	16.78		
15	64QAM	36	0	16.78	16.90	16.72	17.7	0
15	64QAM	36	20	16.74	16.84	16.79		
15	64QAM	36	39	16.78	17.04	16.72		
15	64QAM	75	0	16.76	16.98	16.73		
15	256QAM	1	0	16.84	16.87	16.77	17.7	0
15	256QAM	1	37	16.66	16.87	16.75		
15	256QAM	1	74	16.69	16.87	16.78		
15	256QAM	36	0	16.80	16.89	16.72	17.7	0
15	256QAM	36	20	16.65	17.04	16.86		
15	256QAM	36	39	16.82	16.88	16.79		
15	256QAM	75	0	16.69	16.88	16.85		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.77	16.97	16.87	17.7	0
10	QPSK	1	25	16.74	16.98	16.78		
10	QPSK	1	49	16.71	16.86	16.76		
10	QPSK	25	0	16.84	17.04	16.78	17.7	0
10	QPSK	25	12	16.81	16.84	16.63		
10	QPSK	25	25	16.85	16.70	16.65		
10	QPSK	50	0	16.71	16.84	16.82		
10	16QAM	1	0	16.67	16.77	16.84	17.7	0
10	16QAM	1	25	16.92	16.94	16.69		
10	16QAM	1	49	16.75	16.79	16.82		
10	16QAM	25	0	16.75	16.88	16.76	17.7	0
10	16QAM	25	12	16.76	16.85	16.73		
10	16QAM	25	25	16.65	16.90	16.81		
10	16QAM	50	0	16.79	16.86	16.84		
10	64QAM	1	0	16.70	16.91	16.76	17.7	0
10	64QAM	1	25	16.75	16.93	16.79		
10	64QAM	1	49	16.82	16.93	16.83		
10	64QAM	25	0	16.76	16.80	16.69	17.7	0
10	64QAM	25	12	16.76	16.91	16.84		
10	64QAM	25	25	16.73	17.01	16.71		
10	64QAM	50	0	16.72	16.94	16.69		
10	256QAM	1	0	16.75	16.83	16.77	17.7	0
10	256QAM	1	25	16.66	16.88	16.72		
10	256QAM	1	49	16.82	16.91	16.77		
10	256QAM	25	0	16.73	16.91	16.78	17.7	0
10	256QAM	25	12	16.77	17.01	16.81		
10	256QAM	25	25	16.87	16.91	16.75		
10	256QAM	50	0	16.78	16.94	16.81		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.90	17.06	16.83	17.7	0
5	QPSK	1	12	16.78	16.89	16.83		
5	QPSK	1	24	16.61	16.89	16.72		
5	QPSK	12	0	16.76	17.00	16.82	17.7	0
5	QPSK	12	7	16.77	16.93	16.64		
5	QPSK	12	13	16.78	16.78	16.62		
5	QPSK	25	0	16.70	16.74	16.83		
5	16QAM	1	0	16.76	16.79	16.79	17.7	0
5	16QAM	1	12	16.83	16.94	16.73		
5	16QAM	1	24	16.70	16.70	16.70		
5	16QAM	12	0	16.77	16.90	16.81	17.7	0
5	16QAM	12	7	16.74	16.85	16.79		
5	16QAM	12	13	16.76	16.83	16.82		
5	16QAM	25	0	16.72	16.92	16.79		
5	64QAM	1	0	16.71	16.94	16.68	17.7	0
5	64QAM	1	12	16.69	16.94	16.69		
5	64QAM	1	24	16.84	16.88	16.91		
5	64QAM	12	0	16.80	16.82	16.72	17.7	0
5	64QAM	12	7	16.72	16.93	16.72		
5	64QAM	12	13	16.78	17.03	16.77		
5	64QAM	25	0	16.70	16.95	16.76		
5	256QAM	1	0	16.89	16.81	16.85	17.7	0
5	256QAM	1	12	16.78	16.92	16.77		
5	256QAM	1	24	16.75	16.96	16.73		
5	256QAM	12	0	16.68	16.88	16.74	17.7	0
5	256QAM	12	7	16.77	17.01	16.80		
5	256QAM	12	13	16.80	16.85	16.72		
5	256QAM	25	0	16.72	16.96	16.82		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.89	16.95	16.92	17.7	0
3	QPSK	1	8	16.79	16.98	16.76		
3	QPSK	1	14	16.72	16.87	16.74		
3	QPSK	8	0	16.88	17.01	16.84	17.7	0
3	QPSK	8	4	16.76	16.81	16.69		
3	QPSK	8	7	16.74	16.82	16.61		
3	QPSK	15	0	16.66	16.76	16.83		
3	16QAM	1	0	16.74	16.78	16.78	17.7	0
3	16QAM	1	8	16.91	16.90	16.77		
3	16QAM	1	14	16.62	16.82	16.77		
3	16QAM	8	0	16.83	16.88	16.82	17.7	0
3	16QAM	8	4	16.84	16.92	16.78		
3	16QAM	8	7	16.73	16.80	16.76		
3	16QAM	15	0	16.84	16.95	16.79		
3	64QAM	1	0	16.80	16.95	16.68	17.7	0
3	64QAM	1	8	16.68	16.98	16.79		
3	64QAM	1	14	16.76	16.93	16.82		
3	64QAM	8	0	16.68	16.84	16.73	17.7	0
3	64QAM	8	4	16.80	16.86	16.84		
3	64QAM	8	7	16.67	17.04	16.81		
3	64QAM	15	0	16.68	16.96	16.81		
3	256QAM	1	0	16.84	16.86	16.75	17.7	0
3	256QAM	1	8	16.74	16.88	16.77		
3	256QAM	1	14	16.73	16.92	16.73		
3	256QAM	8	0	16.80	16.92	16.77	17.7	0
3	256QAM	8	4	16.66	17.03	16.89		
3	256QAM	8	7	16.79	16.94	16.84		
3	256QAM	15	0	16.68	16.89	16.74		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.79	16.98	16.82	17.7	0
1.4	QPSK	1	3	16.82	16.94	16.81		
1.4	QPSK	1	5	16.62	16.85	16.72		
1.4	QPSK	3	0	16.78	16.93	16.86		
1.4	QPSK	3	1	16.81	16.80	16.69		
1.4	QPSK	3	3	16.85	16.81	16.68		
1.4	QPSK	6	0	16.75	16.75	16.79	17.7	0
1.4	16QAM	1	0	16.74	16.74	16.80	17.7	0
1.4	16QAM	1	3	16.81	16.81	16.69		
1.4	16QAM	1	5	16.70	16.80	16.84		
1.4	16QAM	3	0	16.75	16.94	16.75		
1.4	16QAM	3	1	16.80	16.92	16.71		
1.4	16QAM	3	3	16.78	16.88	16.85		
1.4	16QAM	6	0	16.77	16.91	16.80	17.7	0
1.4	64QAM	1	0	16.79	16.99	16.74	17.7	0
1.4	64QAM	1	3	16.73	16.85	16.77		
1.4	64QAM	1	5	16.76	16.89	16.90		
1.4	64QAM	3	0	16.72	16.90	16.72		
1.4	64QAM	3	1	16.79	16.94	16.71		
1.4	64QAM	3	3	16.80	17.03	16.76		
1.4	64QAM	6	0	16.72	16.87	16.78	17.7	0
1.4	256QAM	1	0	16.86	16.87	16.85	17.7	0
1.4	256QAM	1	3	16.73	16.97	16.79		
1.4	256QAM	1	5	16.82	16.83	16.78		
1.4	256QAM	3	0	16.76	16.97	16.70		
1.4	256QAM	3	1	16.70	16.95	16.75		
1.4	256QAM	3	3	16.83	16.87	16.78		
1.4	256QAM	6	0	16.66	16.91	16.75	17.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	12.87	12.96	12.88	14.4	0
20	QPSK	1	49	12.86	12.71	12.67		
20	QPSK	1	99	12.78	12.87	12.84		
20	QPSK	50	0	12.79	12.80	12.73	14.4	0
20	QPSK	50	24	12.73	12.76	12.65		
20	QPSK	50	50	12.66	12.73	12.70		
20	QPSK	100	0	12.63	12.76	12.73		
20	16QAM	1	0	12.66	12.73	12.66	14.4	0
20	16QAM	1	49	12.66	12.71	12.57		
20	16QAM	1	99	12.70	12.84	12.62		
20	16QAM	50	0	12.74	12.55	12.54	14.4	0
20	16QAM	50	24	12.73	12.86	12.52		
20	16QAM	50	50	12.71	12.69	12.80		
20	16QAM	100	0	12.68	12.70	12.71		
20	64QAM	1	0	12.57	12.73	12.48	14.4	0
20	64QAM	1	49	12.62	12.71	12.59		
20	64QAM	1	99	12.55	12.43	12.55		
20	64QAM	50	0	12.74	12.76	12.74	14.4	0
20	64QAM	50	24	12.76	12.66	12.61		
20	64QAM	50	50	12.72	12.76	12.49		
20	64QAM	100	0	12.84	12.81	12.88		
20	256QAM	1	0	12.69	12.72	12.62	14.4	0
20	256QAM	1	49	12.50	12.71	12.54		
20	256QAM	1	99	12.51	12.45	12.54		
20	256QAM	50	0	12.55	12.62	12.64	14.4	0
20	256QAM	50	24	12.46	12.78	12.58		
20	256QAM	50	50	12.60	12.62	12.56		
20	256QAM	100	0	12.47	12.68	12.38		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	12.81	12.91	12.76	14.4	0
15	QPSK	1	37	12.81	12.58	12.55		
15	QPSK	1	74	12.69	12.80	12.73		
15	QPSK	36	0	12.66	12.65	12.66	14.4	0
15	QPSK	36	20	12.68	12.68	12.56		
15	QPSK	36	39	12.58	12.61	12.62		
15	QPSK	75	0	12.52	12.70	12.66		
15	16QAM	1	0	12.51	12.59	12.60	14.4	0
15	16QAM	1	37	12.54	12.59	12.51		
15	16QAM	1	74	12.65	12.78	12.52		
15	16QAM	36	0	12.69	12.48	12.39	14.4	0
15	16QAM	36	20	12.63	12.72	12.47		
15	16QAM	36	39	12.56	12.58	12.73		
15	16QAM	75	0	12.57	12.61	12.57		
15	64QAM	1	0	12.45	12.66	12.42	14.4	0
15	64QAM	1	37	12.52	12.66	12.53		
15	64QAM	1	74	12.41	12.34	12.45		
15	64QAM	36	0	12.63	12.70	12.67	14.4	0
15	64QAM	36	20	12.62	12.59	12.56		
15	64QAM	36	39	12.66	12.63	12.42		
15	64QAM	75	0	12.77	12.69	12.74		
15	256QAM	1	0	12.59	12.65	12.53	14.4	0
15	256QAM	1	37	12.36	12.63	12.48		
15	256QAM	1	74	12.41	12.36	12.47		
15	256QAM	36	0	12.40	12.53	12.55	14.4	0
15	256QAM	36	20	12.32	12.69	12.49		
15	256QAM	36	39	12.55	12.53	12.42		
15	256QAM	75	0	12.39	12.60	12.29		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	12.72	12.90	12.81	14.4	0
10	QPSK	1	25	12.73	12.63	12.57		
10	QPSK	1	49	12.66	12.77	12.74		
10	QPSK	25	0	12.68	12.69	12.64	14.4	0
10	QPSK	25	12	12.68	12.63	12.52		
10	QPSK	25	25	12.53	12.66	12.62		
10	QPSK	50	0	12.51	12.72	12.67		
10	16QAM	1	0	12.54	12.67	12.61	14.4	0
10	16QAM	1	25	12.52	12.63	12.49		
10	16QAM	1	49	12.59	12.78	12.55		
10	16QAM	25	0	12.66	12.49	12.47	14.4	0
10	16QAM	25	12	12.63	12.76	12.37		
10	16QAM	25	25	12.60	12.55	12.65		
10	16QAM	50	0	12.54	12.62	12.63		
10	64QAM	1	0	12.48	12.65	12.34	14.4	0
10	64QAM	1	25	12.49	12.56	12.44		
10	64QAM	1	49	12.44	12.33	12.44		
10	64QAM	25	0	12.68	12.62	12.69	14.4	0
10	64QAM	25	12	12.70	12.52	12.55		
10	64QAM	25	25	12.67	12.65	12.34		
10	64QAM	50	0	12.75	12.74	12.83		
10	256QAM	1	0	12.56	12.60	12.53	14.4	0
10	256QAM	1	25	12.45	12.63	12.47		
10	256QAM	1	49	12.45	12.40	12.40		
10	256QAM	25	0	12.44	12.52	12.53	14.4	0
10	256QAM	25	12	12.34	12.66	12.48		
10	256QAM	25	25	12.48	12.49	12.46		
10	256QAM	50	0	12.32	12.59	12.32		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	12.76	12.86	12.78	14.4	0
5	QPSK	1	12	12.75	12.58	12.62		
5	QPSK	1	24	12.69	12.74	12.73		
5	QPSK	12	0	12.69	12.68	12.66	14.4	0
5	QPSK	12	7	12.59	12.71	12.57		
5	QPSK	12	13	12.58	12.63	12.63		
5	QPSK	25	0	12.58	12.69	12.61		
5	16QAM	1	0	12.53	12.63	12.60	14.4	0
5	16QAM	1	12	12.54	12.65	12.42		
5	16QAM	1	24	12.58	12.73	12.52		
5	16QAM	12	0	12.62	12.50	12.43	14.4	0
5	16QAM	12	7	12.58	12.77	12.39		
5	16QAM	12	13	12.61	12.57	12.69		
5	16QAM	25	0	12.58	12.57	12.60		
5	64QAM	1	0	12.52	12.65	12.42	14.4	0
5	64QAM	1	12	12.48	12.62	12.51		
5	64QAM	1	24	12.44	12.33	12.49		
5	64QAM	12	0	12.65	12.71	12.59	14.4	0
5	64QAM	12	7	12.66	12.56	12.55		
5	64QAM	12	13	12.60	12.63	12.34		
5	64QAM	25	0	12.71	12.70	12.73		
5	256QAM	1	0	12.57	12.58	12.53	14.4	0
5	256QAM	1	12	12.43	12.64	12.46		
5	256QAM	1	24	12.41	12.36	12.43		
5	256QAM	12	0	12.44	12.51	12.52	14.4	0
5	256QAM	12	7	12.40	12.71	12.46		
5	256QAM	12	13	12.47	12.54	12.45		
5	256QAM	25	0	12.34	12.58	12.32		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	12.81	12.82	12.82	14.4	0
3	QPSK	1	8	12.74	12.62	12.52		
3	QPSK	1	14	12.69	12.77	12.69		
3	QPSK	8	0	12.70	12.73	12.65	14.4	0
3	QPSK	8	4	12.58	12.61	12.53		
3	QPSK	8	7	12.57	12.63	12.57		
3	QPSK	15	0	12.54	12.69	12.66		
3	16QAM	1	0	12.58	12.66	12.52	14.4	0
3	16QAM	1	8	12.61	12.59	12.52		
3	16QAM	1	14	12.56	12.74	12.48		
3	16QAM	8	0	12.67	12.40	12.42	14.4	0
3	16QAM	8	4	12.67	12.76	12.40		
3	16QAM	8	7	12.61	12.61	12.73		
3	16QAM	15	0	12.53	12.61	12.64		
3	64QAM	1	0	12.43	12.66	12.39	14.4	0
3	64QAM	1	8	12.48	12.66	12.47		
3	64QAM	1	14	12.46	12.35	12.40		
3	64QAM	8	0	12.66	12.69	12.61	14.4	0
3	64QAM	8	4	12.70	12.53	12.52		
3	64QAM	8	7	12.66	12.61	12.37		
3	64QAM	15	0	12.74	12.76	12.81		
3	256QAM	1	0	12.59	12.65	12.48	14.4	0
3	256QAM	1	8	12.35	12.56	12.41		
3	256QAM	1	14	12.43	12.38	12.39		
3	256QAM	8	0	12.48	12.49	12.56	14.4	0
3	256QAM	8	4	12.31	12.67	12.51		
3	256QAM	8	7	12.50	12.57	12.50		
3	256QAM	15	0	12.34	12.61	12.27		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	12.81	12.81	12.76	14.4	0
1.4	QPSK	1	3	12.81	12.61	12.54		
1.4	QPSK	1	5	12.69	12.72	12.76		
1.4	QPSK	3	0	12.73	12.69	12.59		
1.4	QPSK	3	1	12.58	12.65	12.59		
1.4	QPSK	3	3	12.60	12.58	12.58		
1.4	QPSK	6	0	12.55	12.70	12.62	14.4	0
1.4	16QAM	1	0	12.55	12.58	12.52	14.4	0
1.4	16QAM	1	3	12.55	12.58	12.43		
1.4	16QAM	1	5	12.63	12.70	12.50		
1.4	16QAM	3	0	12.66	12.44	12.48		
1.4	16QAM	3	1	12.67	12.77	12.45		
1.4	16QAM	3	3	12.61	12.62	12.71		
1.4	16QAM	6	0	12.59	12.55	12.57	14.4	0
1.4	64QAM	1	0	12.42	12.60	12.38	14.4	0
1.4	64QAM	1	3	12.50	12.61	12.54		
1.4	64QAM	1	5	12.43	12.33	12.40		
1.4	64QAM	3	0	12.60	12.61	12.60		
1.4	64QAM	3	1	12.63	12.55	12.46		
1.4	64QAM	3	3	12.63	12.63	12.41		
1.4	64QAM	6	0	12.77	12.72	12.76	14.4	0
1.4	256QAM	1	0	12.60	12.58	12.55	14.4	0
1.4	256QAM	1	3	12.40	12.59	12.40		
1.4	256QAM	1	5	12.46	12.36	12.48		
1.4	256QAM	3	0	12.41	12.56	12.51		
1.4	256QAM	3	1	12.32	12.73	12.52		
1.4	256QAM	3	3	12.51	12.57	12.48		
1.4	256QAM	6	0	12.33	12.59	12.28	14.4	0

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BW [MHz]	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	24.12	24.22	24.18	25	0
20	QPSK	1	49	24.09	24.16	24.13		
20	QPSK	1	99	24.08	24.09	24.03		
20	QPSK	50	0	23.65	23.76	23.66	24.5	0.5
20	QPSK	50	24	23.61	23.64	23.62		
20	QPSK	50	50	23.60	23.61	23.64		
20	QPSK	100	0	23.57	23.67	23.65		
20	16QAM	1	0	24.11	23.85	24.00	24.5	0.5
20	16QAM	1	49	24.03	24.18	23.96		
20	16QAM	1	99	24.08	23.70	24.02		
20	16QAM	50	0	23.06	23.22	23.19	24	1
20	16QAM	50	24	23.10	23.16	23.18		
20	16QAM	50	50	23.05	23.12	23.18		
20	16QAM	100	0	23.04	23.15	23.10		
20	64QAM	1	0	22.83	22.92	22.67	24	1
20	64QAM	1	49	22.79	23.02	22.63		
20	64QAM	1	99	22.81	22.89	22.73		
20	64QAM	50	0	22.03	22.25	22.19	23	2
20	64QAM	50	24	22.08	22.13	22.19		
20	64QAM	50	50	22.03	22.11	22.10		
20	64QAM	100	0	22.04	22.11	22.09		
20	256QAM	1	0	18.31	18.40	18.32	20	5
20	256QAM	1	49	18.32	18.39	18.28		
20	256QAM	1	99	18.24	18.27	18.12		
20	256QAM	50	0	18.33	18.39	18.33	20	5
20	256QAM	50	24	18.14	18.25	18.23		
20	256QAM	50	50	18.18	18.29	18.27		
20	256QAM	100	0	18.19	18.29	18.28		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.04	24.15	24.06	25	0
15	QPSK	1	37	24.00	24.11	24.07		
15	QPSK	1	74	24.00	24.01	23.92		
15	QPSK	36	0	23.63	23.73	23.61	24.5	0.5
15	QPSK	36	20	23.59	23.61	23.48		
15	QPSK	36	39	23.54	23.49	23.56		
15	QPSK	75	0	23.44	23.55	23.62		
15	16QAM	1	0	24.10	23.75	23.94	24.5	0.5
15	16QAM	1	37	23.95	24.12	23.85		
15	16QAM	1	74	23.93	23.67	23.98		
15	16QAM	36	0	22.91	23.21	23.04	24	1
15	16QAM	36	20	23.03	23.15	23.16		
15	16QAM	36	39	23.02	23.07	23.12		
15	16QAM	75	0	22.95	23.10	23.05		
15	64QAM	1	0	22.78	22.91	22.65	24	1
15	64QAM	1	37	22.75	22.93	22.59		
15	64QAM	1	74	22.80	22.75	22.61		
15	64QAM	36	0	21.96	22.14	22.17	23	2
15	64QAM	36	20	21.98	22.09	22.17		
15	64QAM	36	39	21.96	22.07	22.04		
15	64QAM	75	0	21.95	21.97	22.04		
15	256QAM	1	0	18.27	18.38	18.17	20	5
15	256QAM	1	37	18.26	18.28	18.13		
15	256QAM	1	74	18.11	18.23	18.16		
15	256QAM	36	0	18.22	18.36	18.27	20	5
15	256QAM	36	20	18.07	18.22	18.10		
15	256QAM	36	39	18.16	18.20	18.22		
15	256QAM	75	0	18.08	18.22	18.20		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.98	24.12	24.01	25	0
10	QPSK	1	25	24.03	24.19	24.04		
10	QPSK	1	49	24.05	24.06	23.99		
10	QPSK	25	0	23.54	23.61	23.64	24.5	0.5
10	QPSK	25	12	23.47	23.60	23.49		
10	QPSK	25	25	23.54	23.54	23.49		
10	QPSK	50	0	23.46	23.62	23.55		
10	16QAM	1	0	24.05	23.84	23.94	24.5	0.5
10	16QAM	1	25	23.88	24.09	23.81		
10	16QAM	1	49	23.93	23.66	23.93		
10	16QAM	25	0	22.96	23.16	23.05	24	1
10	16QAM	25	12	22.97	23.13	23.07		
10	16QAM	25	25	22.96	23.03	23.03		
10	16QAM	50	0	22.97	23.04	23.06		
10	64QAM	1	0	22.73	22.88	22.55	24	1
10	64QAM	1	25	22.78	22.90	22.52		
10	64QAM	1	49	22.70	22.83	22.72		
10	64QAM	25	0	21.92	22.18	22.07	23	2
10	64QAM	25	12	21.96	22.06	22.07		
10	64QAM	25	25	21.94	22.10	21.96		
10	64QAM	50	0	22.02	21.97	21.96		
10	256QAM	1	0	18.28	18.29	18.22	20	5
10	256QAM	1	25	18.22	18.24	18.24		
10	256QAM	1	49	18.09	18.21	18.08		
10	256QAM	25	0	18.23	18.29	18.25	20	5
10	256QAM	25	12	18.06	18.14	18.14		
10	256QAM	25	25	18.12	18.19	18.22		
10	256QAM	50	0	18.18	18.19	18.26		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.02	24.09	24.12	25	0
5	QPSK	1	12	24.09	24.07	24.03		
5	QPSK	1	24	24.01	24.08	24.00		
5	QPSK	12	0	23.54	23.61	23.58	24.5	0.5
5	QPSK	12	7	23.54	23.57	23.53		
5	QPSK	12	13	23.45	23.60	23.52		
5	QPSK	25	0	23.43	23.54	23.53		
5	16QAM	1	0	24.08	23.79	23.88	24.5	0.5
5	16QAM	1	12	23.88	24.06	23.82		
5	16QAM	1	24	24.04	23.66	23.95		
5	16QAM	12	0	22.92	23.20	23.07	24	1
5	16QAM	12	7	23.07	23.15	23.14		
5	16QAM	12	13	22.93	23.01	23.15		
5	16QAM	25	0	22.94	23.06	23.07		
5	64QAM	1	0	22.80	22.85	22.65	24	1
5	64QAM	1	12	22.69	22.90	22.52		
5	64QAM	1	24	22.72	22.77	22.65		
5	64QAM	12	0	21.98	22.22	22.12	23	2
5	64QAM	12	7	22.03	22.12	22.10		
5	64QAM	12	13	21.98	22.03	22.05		
5	64QAM	25	0	21.95	22.02	22.00		
5	256QAM	1	0	18.29	18.30	18.22	20	5
5	256QAM	1	12	18.30	18.30	18.22		
5	256QAM	1	24	18.18	18.23	18.07		
5	256QAM	12	0	18.27	18.35	18.20	20	5
5	256QAM	12	7	18.09	18.16	18.13		
5	256QAM	12	13	18.17	18.22	18.15		
5	256QAM	25	0	18.18	18.15	18.24		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.07	24.03	23.98	25	0
3	QPSK	1	8	24.06	24.20	24.15		
3	QPSK	1	14	23.98	24.04	23.92		
3	QPSK	8	0	23.63	23.64	23.56	24.5	0.5
3	QPSK	8	4	23.59	23.60	23.60		
3	QPSK	8	7	23.50	23.59	23.52		
3	QPSK	15	0	23.47	23.63	23.57		
3	16QAM	1	0	24.02	23.74	23.91	24.5	0.5
3	16QAM	1	8	23.98	24.13	23.86		
3	16QAM	1	14	23.97	23.69	23.89		
3	16QAM	8	0	22.95	23.10	23.07	24	1
3	16QAM	8	4	22.98	23.07	23.04		
3	16QAM	8	7	23.02	23.04	23.08		
3	16QAM	15	0	22.95	23.00	22.99		
3	64QAM	1	0	22.70	22.91	22.57	24	1
3	64QAM	1	8	22.78	22.96	22.48		
3	64QAM	1	14	22.70	22.86	22.64		
3	64QAM	8	0	21.96	22.22	22.13	23	2
3	64QAM	8	4	22.00	22.04	22.13		
3	64QAM	8	7	21.90	22.01	22.08		
3	64QAM	15	0	21.93	22.10	22.04		
3	256QAM	1	0	18.23	18.25	18.30	20	5
3	256QAM	1	8	18.28	18.29	18.23		
3	256QAM	1	14	18.21	18.17	18.05		
3	256QAM	8	0	18.18	18.33	18.32	20	5
3	256QAM	8	4	18.10	18.16	18.09		
3	256QAM	8	7	18.05	18.22	18.23		
3	256QAM	15	0	18.16	18.22	18.21		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.07	24.02	24.04	25	0
1.4	QPSK	1	3	24.05	24.12	24.03		
1.4	QPSK	1	5	24.05	24.06	23.96		
1.4	QPSK	3	0	23.94	24.15	24.01		
1.4	QPSK	3	1	23.98	24.11	24.12		
1.4	QPSK	3	3	24.00	23.95	24.02		
1.4	QPSK	6	0	23.50	23.58	23.54	24.5	0.5
1.4	16QAM	1	0	24.09	23.80	23.90	24.5	0.5
1.4	16QAM	1	3	23.98	24.12	23.82		
1.4	16QAM	1	5	24.04	23.69	23.91		
1.4	16QAM	3	0	24.06	23.84	23.97		
1.4	16QAM	3	1	24.02	24.04	23.87		
1.4	16QAM	3	3	23.94	23.66	24.01		
1.4	16QAM	6	0	22.91	23.05	23.07	24	1
1.4	64QAM	1	0	22.75	22.85	22.58	24	1
1.4	64QAM	1	3	22.78	22.87	22.53		
1.4	64QAM	1	5	22.75	22.82	22.61		
1.4	64QAM	3	0	22.75	22.80	22.58		
1.4	64QAM	3	1	22.70	23.00	22.53		
1.4	64QAM	3	3	22.76	22.88	22.72		
1.4	64QAM	6	0	22.02	22.06	22.02	23	2
1.4	256QAM	1	0	18.29	18.28	18.30	20	5
1.4	256QAM	1	3	18.28	18.29	18.19		
1.4	256QAM	1	5	18.16	18.21	18.01		
1.4	256QAM	3	0	18.31	18.27	18.20		
1.4	256QAM	3	1	18.01	18.12	18.15		
1.4	256QAM	3	3	18.09	18.23	18.19		
1.4	256QAM	6	0	18.12	18.27	18.13	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	14.72	14.80	14.75	15.6	0
20	QPSK	1	49	14.66	14.65	14.70		
20	QPSK	1	99	14.60	14.74	14.69		
20	QPSK	50	0	14.70	14.79	14.69	15.6	0
20	QPSK	50	24	14.68	14.78	14.66		
20	QPSK	50	50	14.59	14.73	14.66		
20	QPSK	100	0	14.63	14.76	14.74		
20	16QAM	1	0	14.61	14.72	14.61	15.6	0
20	16QAM	1	49	14.62	14.65	14.70		
20	16QAM	1	99	14.69	14.68	14.63		
20	16QAM	50	0	14.70	14.65	14.71	15.6	0
20	16QAM	50	24	14.62	14.65	14.64		
20	16QAM	50	50	14.67	14.74	14.70		
20	16QAM	100	0	14.62	14.79	14.60		
20	64QAM	1	0	14.66	14.67	14.68	15.6	0
20	64QAM	1	49	14.59	14.66	14.70		
20	64QAM	1	99	14.71	14.70	14.74		
20	64QAM	50	0	14.59	14.69	14.67	15.6	0
20	64QAM	50	24	14.65	14.70	14.73		
20	64QAM	50	50	14.61	14.74	14.69		
20	64QAM	100	0	14.63	14.79	14.71		
20	256QAM	1	0	14.62	14.70	14.63	15.6	0
20	256QAM	1	49	14.60	14.65	14.74		
20	256QAM	1	99	14.64	14.75	14.73		
20	256QAM	50	0	14.68	14.78	14.64	15.6	0
20	256QAM	50	24	14.67	14.66	14.67		
20	256QAM	50	50	14.61	14.76	14.70		
20	256QAM	100	0	14.62	14.70	14.61		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.63	14.73	14.71	15.6	0
15	QPSK	1	37	14.57	14.53	14.61		
15	QPSK	1	74	14.58	14.67	14.58		
15	QPSK	36	0	14.68	14.71	14.67	15.6	0
15	QPSK	36	20	14.54	14.67	14.62		
15	QPSK	36	39	14.49	14.67	14.58		
15	QPSK	75	0	14.57	14.62	14.68		
15	16QAM	1	0	14.58	14.66	14.48	15.6	0
15	16QAM	1	37	14.47	14.52	14.62		
15	16QAM	1	74	14.67	14.55	14.53		
15	16QAM	36	0	14.64	14.58	14.59	15.6	0
15	16QAM	36	20	14.59	14.57	14.63		
15	16QAM	36	39	14.58	14.73	14.57		
15	16QAM	75	0	14.47	14.64	14.45		
15	64QAM	1	0	14.61	14.55	14.66	15.6	0
15	64QAM	1	37	14.47	14.64	14.64		
15	64QAM	1	74	14.66	14.58	14.62		
15	64QAM	36	0	14.52	14.60	14.58	15.6	0
15	64QAM	36	20	14.53	14.59	14.68		
15	64QAM	36	39	14.55	14.64	14.68		
15	64QAM	75	0	14.48	14.73	14.62		
15	256QAM	1	0	14.54	14.64	14.52	15.6	0
15	256QAM	1	37	14.59	14.51	14.59		
15	256QAM	1	74	14.52	14.69	14.58		
15	256QAM	36	0	14.65	14.72	14.62	15.6	0
15	256QAM	36	20	14.63	14.54	14.66		
15	256QAM	36	39	14.56	14.62	14.64		
15	256QAM	75	0	14.58	14.67	14.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.61	14.69	14.71	15.6	0
10	QPSK	1	25	14.60	14.60	14.64		
10	QPSK	1	49	14.55	14.69	14.59		
10	QPSK	25	0	14.58	14.72	14.58	15.6	0
10	QPSK	25	12	14.62	14.65	14.64		
10	QPSK	25	25	14.44	14.68	14.61		
10	QPSK	50	0	14.49	14.70	14.63		
10	16QAM	1	0	14.57	14.67	14.56	15.6	0
10	16QAM	1	25	14.59	14.52	14.68		
10	16QAM	1	49	14.58	14.61	14.54		
10	16QAM	25	0	14.63	14.50	14.70	15.6	0
10	16QAM	25	12	14.51	14.52	14.60		
10	16QAM	25	25	14.61	14.65	14.67		
10	16QAM	50	0	14.47	14.70	14.48		
10	64QAM	1	0	14.60	14.66	14.61	15.6	0
10	64QAM	1	25	14.54	14.55	14.58		
10	64QAM	1	49	14.67	14.55	14.68		
10	64QAM	25	0	14.54	14.59	14.63	15.6	0
10	64QAM	25	12	14.59	14.58	14.67		
10	64QAM	25	25	14.51	14.71	14.62		
10	64QAM	50	0	14.48	14.66	14.63		
10	256QAM	1	0	14.55	14.55	14.52	15.6	0
10	256QAM	1	25	14.57	14.52	14.70		
10	256QAM	1	49	14.58	14.64	14.62		
10	256QAM	25	0	14.63	14.67	14.57	15.6	0
10	256QAM	25	12	14.61	14.59	14.58		
10	256QAM	25	25	14.60	14.70	14.68		
10	256QAM	50	0	14.50	14.60	14.56		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.65	14.78	14.72	15.6	0
5	QPSK	1	12	14.58	14.53	14.65		
5	QPSK	1	24	14.50	14.69	14.61		
5	QPSK	12	0	14.55	14.70	14.58	15.6	0
5	QPSK	12	7	14.62	14.67	14.60		
5	QPSK	12	13	14.58	14.71	14.56		
5	QPSK	25	0	14.49	14.69	14.73		
5	16QAM	1	0	14.55	14.65	14.60	15.6	0
5	16QAM	1	12	14.59	14.59	14.59		
5	16QAM	1	24	14.66	14.57	14.57		
5	16QAM	12	0	14.65	14.54	14.58	15.6	0
5	16QAM	12	7	14.48	14.63	14.53		
5	16QAM	12	13	14.58	14.59	14.69		
5	16QAM	25	0	14.60	14.68	14.57		
5	64QAM	1	0	14.62	14.56	14.58	15.6	0
5	64QAM	1	12	14.46	14.51	14.62		
5	64QAM	1	24	14.68	14.57	14.61		
5	64QAM	12	0	14.50	14.54	14.57	15.6	0
5	64QAM	12	7	14.55	14.62	14.60		
5	64QAM	12	13	14.52	14.73	14.65		
5	64QAM	25	0	14.56	14.67	14.70		
5	256QAM	1	0	14.61	14.55	14.52	15.6	0
5	256QAM	1	12	14.52	14.62	14.66		
5	256QAM	1	24	14.60	14.69	14.70		
5	256QAM	12	0	14.61	14.63	14.50	15.6	0
5	256QAM	12	7	14.60	14.64	14.64		
5	256QAM	12	13	14.57	14.75	14.67		
5	256QAM	25	0	14.57	14.59	14.50		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.60	14.68	14.61	15.6	0
3	QPSK	1	8	14.59	14.61	14.62		
3	QPSK	1	14	14.56	14.59	14.61		
3	QPSK	8	0	14.60	14.69	14.62	15.6	0
3	QPSK	8	4	14.67	14.74	14.56		
3	QPSK	8	7	14.53	14.61	14.63		
3	QPSK	15	0	14.51	14.62	14.66		
3	16QAM	1	0	14.50	14.68	14.58	15.6	0
3	16QAM	1	8	14.49	14.52	14.59		
3	16QAM	1	14	14.63	14.67	14.55		
3	16QAM	8	0	14.65	14.62	14.57	15.6	0
3	16QAM	8	4	14.54	14.62	14.55		
3	16QAM	8	7	14.65	14.66	14.63		
3	16QAM	15	0	14.50	14.67	14.45		
3	64QAM	1	0	14.55	14.60	14.66	15.6	0
3	64QAM	1	8	14.53	14.56	14.59		
3	64QAM	1	14	14.63	14.62	14.63		
3	64QAM	8	0	14.50	14.67	14.59	15.6	0
3	64QAM	8	4	14.59	14.68	14.67		
3	64QAM	8	7	14.56	14.68	14.60		
3	64QAM	15	0	14.62	14.74	14.56		
3	256QAM	1	0	14.53	14.64	14.60	15.6	0
3	256QAM	1	8	14.50	14.59	14.63		
3	256QAM	1	14	14.54	14.61	14.72		
3	256QAM	8	0	14.65	14.66	14.63	15.6	0
3	256QAM	8	4	14.55	14.56	14.57		
3	256QAM	8	7	14.57	14.75	14.65		
3	256QAM	15	0	14.51	14.69	14.56		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.64	14.74	14.69	15.6	0
1.4	QPSK	1	3	14.52	14.53	14.56		
1.4	QPSK	1	5	14.54	14.68	14.60		
1.4	QPSK	3	0	14.65	14.73	14.54		
1.4	QPSK	3	1	14.66	14.63	14.64		
1.4	QPSK	3	3	14.57	14.63	14.58		
1.4	QPSK	6	0	14.53	14.66	14.73	15.6	0
1.4	16QAM	1	0	14.59	14.70	14.50	15.6	0
1.4	16QAM	1	3	14.51	14.53	14.62		
1.4	16QAM	1	5	14.54	14.63	14.53		
1.4	16QAM	3	0	14.68	14.60	14.60		
1.4	16QAM	3	1	14.60	14.58	14.52		
1.4	16QAM	3	3	14.57	14.59	14.63		
1.4	16QAM	6	0	14.52	14.76	14.55	15.6	0
1.4	64QAM	1	0	14.63	14.58	14.55	15.6	0
1.4	64QAM	1	3	14.47	14.54	14.65		
1.4	64QAM	1	5	14.59	14.67	14.59		
1.4	64QAM	3	0	14.53	14.65	14.62		
1.4	64QAM	3	1	14.54	14.57	14.64		
1.4	64QAM	3	3	14.52	14.64	14.56		
1.4	64QAM	6	0	14.51	14.70	14.61	15.6	0
1.4	256QAM	1	0	14.47	14.57	14.58	15.6	0
1.4	256QAM	1	3	14.45	14.53	14.71		
1.4	256QAM	1	5	14.52	14.74	14.71		
1.4	256QAM	3	0	14.62	14.66	14.53		
1.4	256QAM	3	1	14.55	14.57	14.62		
1.4	256QAM	3	3	14.50	14.64	14.60		
1.4	256QAM	6	0	14.58	14.66	14.56	15.6	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.60	19.69	19.58	20.5	0
20	QPSK	1	49	19.59	19.56	19.56		
20	QPSK	1	99	19.49	19.67	19.49		
20	QPSK	50	0	19.59	19.68	19.57	20.5	0
20	QPSK	50	24	19.46	19.62	19.51		
20	QPSK	50	50	19.52	19.65	19.56		
20	QPSK	100	0	19.53	19.66	19.48		
20	16QAM	1	0	19.49	19.54	19.49	20.5	0
20	16QAM	1	49	19.47	19.54	19.48		
20	16QAM	1	99	19.45	19.67	19.45		
20	16QAM	50	0	19.52	19.65	19.57	20.5	0
20	16QAM	50	24	19.55	19.59	19.43		
20	16QAM	50	50	19.47	19.66	19.55		
20	16QAM	100	0	19.48	19.66	19.53		
20	64QAM	1	0	19.45	19.56	19.56	20.5	0
20	64QAM	1	49	19.57	19.65	19.55		
20	64QAM	1	99	19.54	19.54	19.47		
20	64QAM	50	0	19.57	19.64	19.51	20.5	0
20	64QAM	50	24	19.55	19.57	19.50		
20	64QAM	50	50	19.51	19.67	19.53		
20	64QAM	100	0	19.52	19.55	19.46		
20	256QAM	1	0	18.19	18.33	18.31	19.5	1
20	256QAM	1	49	18.17	18.20	18.18		
20	256QAM	1	99	18.15	18.23	18.14		
20	256QAM	50	0	18.18	18.23	18.20	19.5	1
20	256QAM	50	24	18.10	18.25	18.19		
20	256QAM	50	50	18.21	18.25	18.24		
20	256QAM	100	0	18.20	18.30	18.18		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.46	19.61	19.56	20.5	0
15	QPSK	1	37	19.48	19.53	19.41		
15	QPSK	1	74	19.38	19.63	19.43		
15	QPSK	36	0	19.52	19.55	19.43	20.5	0
15	QPSK	36	20	19.36	19.55	19.46		
15	QPSK	36	39	19.44	19.50	19.42		
15	QPSK	75	0	19.40	19.55	19.37		
15	16QAM	1	0	19.39	19.52	19.45	20.5	0
15	16QAM	1	37	19.34	19.41	19.35		
15	16QAM	1	74	19.41	19.62	19.30		
15	16QAM	36	0	19.47	19.59	19.47	20.5	0
15	16QAM	36	20	19.41	19.46	19.39		
15	16QAM	36	39	19.32	19.55	19.54		
15	16QAM	75	0	19.40	19.65	19.52		
15	64QAM	1	0	19.33	19.50	19.52	20.5	0
15	64QAM	1	37	19.42	19.63	19.40		
15	64QAM	1	74	19.39	19.41	19.34		
15	64QAM	36	0	19.44	19.63	19.43	20.5	0
15	64QAM	36	20	19.44	19.47	19.44		
15	64QAM	36	39	19.39	19.59	19.45		
15	64QAM	75	0	19.48	19.49	19.40		
15	256QAM	1	0	18.16	18.25	18.28	19.5	1
15	256QAM	1	37	18.08	18.05	18.15		
15	256QAM	1	74	18.00	18.10	18.02		
15	256QAM	36	0	18.06	18.14	18.17	19.5	1
15	256QAM	36	20	17.96	18.18	18.09		
15	256QAM	36	39	18.18	18.24	18.23		
15	256QAM	75	0	18.11	18.21	18.06		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.53	19.64	19.45	20.5	0
10	QPSK	1	25	19.48	19.51	19.55		
10	QPSK	1	49	19.37	19.59	19.47		
10	QPSK	25	0	19.53	19.60	19.48	20.5	0
10	QPSK	25	12	19.31	19.53	19.44		
10	QPSK	25	25	19.49	19.60	19.48		
10	QPSK	50	0	19.44	19.62	19.41		
10	16QAM	1	0	19.40	19.44	19.38	20.5	0
10	16QAM	1	25	19.32	19.52	19.45		
10	16QAM	1	49	19.44	19.53	19.32		
10	16QAM	25	0	19.45	19.62	19.54	20.5	0
10	16QAM	25	12	19.50	19.53	19.34		
10	16QAM	25	25	19.37	19.60	19.40		
10	16QAM	50	0	19.41	19.59	19.51		
10	64QAM	1	0	19.31	19.54	19.55	20.5	0
10	64QAM	1	25	19.49	19.58	19.51		
10	64QAM	1	49	19.53	19.52	19.38		
10	64QAM	25	0	19.46	19.61	19.46	20.5	0
10	64QAM	25	12	19.41	19.54	19.36		
10	64QAM	25	25	19.45	19.66	19.44		
10	64QAM	50	0	19.48	19.51	19.31		
10	256QAM	1	0	18.05	18.26	18.27	19.5	1
10	256QAM	1	25	18.02	18.19	18.17		
10	256QAM	1	49	18.14	18.18	18.02		
10	256QAM	25	0	18.11	18.17	18.15	19.5	1
10	256QAM	25	12	18.06	18.22	18.13		
10	256QAM	25	25	18.20	18.13	18.12		
10	256QAM	50	0	18.19	18.25	18.23		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.45	19.57	19.44	20.5	0
5	QPSK	1	12	19.49	19.45	19.53		
5	QPSK	1	24	19.38	19.65	19.37		
5	QPSK	12	0	19.44	19.55	19.52	20.5	0
5	QPSK	12	7	19.43	19.60	19.37		
5	QPSK	12	13	19.45	19.63	19.51		
5	QPSK	25	0	19.46	19.65	19.45		
5	16QAM	1	0	19.35	19.39	19.41	20.5	0
5	16QAM	1	12	19.42	19.51	19.37		
5	16QAM	1	24	19.33	19.65	19.38		
5	16QAM	12	0	19.37	19.53	19.46	20.5	0
5	16QAM	12	7	19.46	19.54	19.34		
5	16QAM	12	13	19.40	19.63	19.50		
5	16QAM	25	0	19.35	19.64	19.42		
5	64QAM	1	0	19.30	19.54	19.54	20.5	0
5	64QAM	1	12	19.56	19.51	19.49		
5	64QAM	1	24	19.41	19.40	19.44		
5	64QAM	12	0	19.46	19.59	19.36	20.5	0
5	64QAM	12	7	19.50	19.50	19.38		
5	64QAM	12	13	19.49	19.64	19.39		
5	64QAM	25	0	19.44	19.47	19.41		
5	256QAM	1	0	18.19	18.34	18.32	19.5	1
5	256QAM	1	12	18.16	18.21	18.23		
5	256QAM	1	24	18.14	18.21	18.19		
5	256QAM	12	0	18.18	18.30	18.22	19.5	1
5	256QAM	12	7	18.05	18.32	18.28		
5	256QAM	12	13	18.20	18.34	18.29		
5	256QAM	25	0	18.28	18.39	18.27		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.55	19.59	19.49	20.5	0
3	QPSK	1	8	19.54	19.46	19.45		
3	QPSK	1	14	19.45	19.56	19.38		
3	QPSK	8	0	19.52	19.62	19.53	20.5	0
3	QPSK	8	4	19.31	19.47	19.45		
3	QPSK	8	7	19.44	19.58	19.44		
3	QPSK	15	0	19.51	19.57	19.35		
3	16QAM	1	0	19.46	19.44	19.38	20.5	0
3	16QAM	1	8	19.32	19.47	19.39		
3	16QAM	1	14	19.43	19.58	19.42		
3	16QAM	8	0	19.49	19.60	19.48	20.5	0
3	16QAM	8	4	19.52	19.50	19.28		
3	16QAM	8	7	19.36	19.55	19.40		
3	16QAM	15	0	19.44	19.52	19.47		
3	64QAM	1	0	19.40	19.46	19.46	20.5	0
3	64QAM	1	8	19.54	19.54	19.54		
3	64QAM	1	14	19.39	19.53	19.34		
3	64QAM	8	0	19.45	19.57	19.47	20.5	0
3	64QAM	8	4	19.48	19.44	19.35		
3	64QAM	8	7	19.41	19.56	19.39		
3	64QAM	15	0	19.51	19.43	19.40		
3	256QAM	1	0	18.10	18.28	18.23	19.5	1
3	256QAM	1	8	18.06	18.19	18.09		
3	256QAM	1	14	18.02	18.13	18.06		
3	256QAM	8	0	18.24	18.30	18.21	19.5	1
3	256QAM	8	4	18.18	18.23	18.17		
3	256QAM	8	7	18.30	18.26	18.33		
3	256QAM	15	0	18.22	18.31	18.16		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.52	19.59	19.53	20.5	0
1.4	QPSK	1	3	19.45	19.44	19.46		
1.4	QPSK	1	5	19.44	19.59	19.45		
1.4	QPSK	3	0	19.51	19.65	19.47		
1.4	QPSK	3	1	19.34	19.53	19.40		
1.4	QPSK	3	3	19.41	19.55	19.52		
1.4	QPSK	6	0	19.46	19.61	19.43	20.5	0
1.4	16QAM	1	0	19.43	19.46	19.35	20.5	0
1.4	16QAM	1	3	19.36	19.51	19.39		
1.4	16QAM	1	5	19.30	19.65	19.37		
1.4	16QAM	3	0	19.38	19.57	19.55		
1.4	16QAM	3	1	19.47	19.54	19.40		
1.4	16QAM	3	3	19.42	19.55	19.46		
1.4	16QAM	6	0	19.46	19.53	19.46	20.5	0
1.4	64QAM	1	0	19.42	19.47	19.49	20.5	0
1.4	64QAM	1	3	19.43	19.53	19.52		
1.4	64QAM	1	5	19.39	19.46	19.46		
1.4	64QAM	3	0	19.56	19.58	19.45		
1.4	64QAM	3	1	19.42	19.50	19.44		
1.4	64QAM	3	3	19.42	19.61	19.47		
1.4	64QAM	6	0	19.40	19.50	19.32	20.5	0
1.4	256QAM	1	0	18.23	18.41	18.35	19.5	1
1.4	256QAM	1	3	18.14	18.24	18.16		
1.4	256QAM	1	5	18.16	18.27	18.22		
1.4	256QAM	3	0	18.22	18.25	18.27		
1.4	256QAM	3	1	18.07	18.23	18.23		
1.4	256QAM	3	3	18.17	18.32	18.26		
1.4	256QAM	6	0	18.20	18.36	18.21	19.5	1

Band 4_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	14.58	14.62	14.55	15.3	0
20	QPSK	1	49	14.56	14.57	14.52		
20	QPSK	1	99	14.49	14.58	14.54		
20	QPSK	50	0	14.53	14.60	14.53	15.3	0
20	QPSK	50	24	14.43	14.57	14.50		
20	QPSK	50	50	14.48	14.57	14.47		
20	QPSK	100	0	14.49	14.57	14.40		
20	16QAM	1	0	14.56	14.54	14.45	15.3	0
20	16QAM	1	49	14.47	14.52	14.40		
20	16QAM	1	99	14.55	14.56	14.42		
20	16QAM	50	0	14.53	14.53	14.54	15.3	0
20	16QAM	50	24	14.46	14.48	14.45		
20	16QAM	50	50	14.51	14.50	14.51		
20	16QAM	100	0	14.56	14.49	14.50		
20	64QAM	1	0	14.56	14.48	14.50	15.3	0
20	64QAM	1	49	14.44	14.53	14.54		
20	64QAM	1	99	14.48	14.55	14.40		
20	64QAM	50	0	14.43	14.47	14.44	15.3	0
20	64QAM	50	24	14.46	14.51	14.52		
20	64QAM	50	50	14.44	14.48	14.49		
20	64QAM	100	0	14.43	14.57	14.50		
20	256QAM	1	0	14.57	14.49	14.44	15.3	0
20	256QAM	1	49	14.48	14.54	14.44		
20	256QAM	1	99	14.51	14.50	14.41		
20	256QAM	50	0	14.49	14.49	14.41	15.3	0
20	256QAM	50	24	14.56	14.59	14.44		
20	256QAM	50	50	14.48	14.54	14.41		
20	256QAM	100	0	14.50	14.49	14.44		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.56	14.58	14.40	15.3	0
15	QPSK	1	37	14.43	14.42	14.44		
15	QPSK	1	74	14.43	14.56	14.45		
15	QPSK	36	0	14.49	14.58	14.44	15.3	0
15	QPSK	36	20	14.37	14.47	14.44		
15	QPSK	36	39	14.41	14.47	14.45		
15	QPSK	75	0	14.41	14.43	14.34		
15	16QAM	1	0	14.42	14.41	14.34	15.3	0
15	16QAM	1	37	14.33	14.40	14.33		
15	16QAM	1	74	14.47	14.52	14.31		
15	16QAM	36	0	14.49	14.39	14.40	15.3	0
15	16QAM	36	20	14.44	14.40	14.36		
15	16QAM	36	39	14.37	14.41	14.45		
15	16QAM	75	0	14.48	14.34	14.47		
15	64QAM	1	0	14.53	14.37	14.39	15.3	0
15	64QAM	1	37	14.40	14.44	14.49		
15	64QAM	1	74	14.36	14.46	14.25		
15	64QAM	36	0	14.37	14.41	14.34	15.3	0
15	64QAM	36	20	14.36	14.45	14.43		
15	64QAM	36	39	14.39	14.35	14.34		
15	64QAM	75	0	14.30	14.49	14.43		
15	256QAM	1	0	14.42	14.36	14.39	15.3	0
15	256QAM	1	37	14.42	14.42	14.32		
15	256QAM	1	74	14.44	14.49	14.27		
15	256QAM	36	0	14.46	14.44	14.26	15.3	0
15	256QAM	36	20	14.48	14.57	14.35		
15	256QAM	36	39	14.43	14.53	14.31		
15	256QAM	75	0	14.41	14.41	14.35		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.53	14.52	14.40	15.3	0
10	QPSK	1	25	14.45	14.46	14.43		
10	QPSK	1	49	14.36	14.52	14.46		
10	QPSK	25	0	14.39	14.57	14.46	15.3	0
10	QPSK	25	12	14.28	14.43	14.45		
10	QPSK	25	25	14.35	14.48	14.37		
10	QPSK	50	0	14.44	14.48	14.29		
10	16QAM	1	0	14.42	14.48	14.43	15.3	0
10	16QAM	1	25	14.34	14.50	14.28		
10	16QAM	1	49	14.45	14.47	14.28		
10	16QAM	25	0	14.44	14.47	14.52	15.3	0
10	16QAM	25	12	14.33	14.42	14.38		
10	16QAM	25	25	14.48	14.37	14.46		
10	16QAM	50	0	14.52	14.34	14.39		
10	64QAM	1	0	14.51	14.46	14.39	15.3	0
10	64QAM	1	25	14.34	14.47	14.52		
10	64QAM	1	49	14.41	14.45	14.35		
10	64QAM	25	0	14.30	14.41	14.31	15.3	0
10	64QAM	25	12	14.44	14.37	14.40		
10	64QAM	25	25	14.38	14.46	14.48		
10	64QAM	50	0	14.41	14.50	14.40		
10	256QAM	1	0	14.43	14.46	14.29	15.3	0
10	256QAM	1	25	14.45	14.47	14.31		
10	256QAM	1	49	14.44	14.49	14.31		
10	256QAM	25	0	14.48	14.34	14.30	15.3	0
10	256QAM	25	12	14.55	14.46	14.35		
10	256QAM	25	25	14.42	14.52	14.28		
10	256QAM	50	0	14.42	14.35	14.37		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.47	14.50	14.46	15.3	0
5	QPSK	1	12	14.44	14.53	14.37		
5	QPSK	1	24	14.47	14.57	14.45		
5	QPSK	12	0	14.51	14.46	14.43	15.3	0
5	QPSK	12	7	14.34	14.51	14.41		
5	QPSK	12	13	14.41	14.44	14.46		
5	QPSK	25	0	14.46	14.51	14.32		
5	16QAM	1	0	14.48	14.44	14.36	15.3	0
5	16QAM	1	12	14.32	14.50	14.37		
5	16QAM	1	24	14.41	14.44	14.32		
5	16QAM	12	0	14.49	14.52	14.50	15.3	0
5	16QAM	12	7	14.45	14.41	14.34		
5	16QAM	12	13	14.38	14.37	14.39		
5	16QAM	25	0	14.54	14.44	14.49		
5	64QAM	1	0	14.45	14.41	14.36	15.3	0
5	64QAM	1	12	14.35	14.47	14.48		
5	64QAM	1	24	14.42	14.42	14.28		
5	64QAM	12	0	14.28	14.45	14.36	15.3	0
5	64QAM	12	7	14.34	14.45	14.47		
5	64QAM	12	13	14.39	14.43	14.46		
5	64QAM	25	0	14.38	14.53	14.46		
5	256QAM	1	0	14.55	14.39	14.31	15.3	0
5	256QAM	1	12	14.34	14.44	14.41		
5	256QAM	1	24	14.44	14.37	14.37		
5	256QAM	12	0	14.48	14.47	14.35	15.3	0
5	256QAM	12	7	14.45	14.44	14.41		
5	256QAM	12	13	14.42	14.53	14.34		
5	256QAM	25	0	14.39	14.37	14.34		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.51	14.57	14.53	15.3	0
3	QPSK	1	8	14.44	14.43	14.48		
3	QPSK	1	14	14.46	14.49	14.48		
3	QPSK	8	0	14.50	14.54	14.42	15.3	0
3	QPSK	8	4	14.35	14.49	14.46		
3	QPSK	8	7	14.42	14.56	14.43		
3	QPSK	15	0	14.41	14.54	14.26		
3	16QAM	1	0	14.53	14.50	14.31	15.3	0
3	16QAM	1	8	14.36	14.50	14.35		
3	16QAM	1	14	14.44	14.47	14.40		
3	16QAM	8	0	14.40	14.42	14.42	15.3	0
3	16QAM	8	4	14.31	14.35	14.37		
3	16QAM	8	7	14.49	14.41	14.49		
3	16QAM	15	0	14.42	14.36	14.44		
3	64QAM	1	0	14.55	14.39	14.42	15.3	0
3	64QAM	1	8	14.43	14.45	14.48		
3	64QAM	1	14	14.45	14.45	14.37		
3	64QAM	8	0	14.35	14.36	14.34	15.3	0
3	64QAM	8	4	14.42	14.48	14.41		
3	64QAM	8	7	14.36	14.35	14.47		
3	64QAM	15	0	14.36	14.52	14.40		
3	256QAM	1	0	14.45	14.44	14.39	15.3	0
3	256QAM	1	8	14.40	14.40	14.29		
3	256QAM	1	14	14.43	14.39	14.27		
3	256QAM	8	0	14.45	14.45	14.28	15.3	0
3	256QAM	8	4	14.52	14.58	14.31		
3	256QAM	8	7	14.46	14.41	14.31		
3	256QAM	15	0	14.44	14.35	14.41		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.55	14.61	14.51	15.3	0
1.4	QPSK	1	3	14.55	14.56	14.39		
1.4	QPSK	1	5	14.38	14.47	14.50		
1.4	QPSK	3	0	14.47	14.57	14.39		
1.4	QPSK	3	1	14.32	14.51	14.40		
1.4	QPSK	3	3	14.37	14.50	14.39		
1.4	QPSK	6	0	14.38	14.46	14.34	15.3	0
1.4	16QAM	1	0	14.44	14.43	14.39	15.3	0
1.4	16QAM	1	3	14.45	14.40	14.25		
1.4	16QAM	1	5	14.41	14.43	14.38		
1.4	16QAM	3	0	14.38	14.47	14.52		
1.4	16QAM	3	1	14.32	14.39	14.44		
1.4	16QAM	3	3	14.39	14.37	14.49		
1.4	16QAM	6	0	14.52	14.48	14.47	15.3	0
1.4	64QAM	1	0	14.47	14.38	14.38	15.3	0
1.4	64QAM	1	3	14.30	14.50	14.40		
1.4	64QAM	1	5	14.37	14.41	14.26		
1.4	64QAM	3	0	14.28	14.33	14.37		
1.4	64QAM	3	1	14.40	14.36	14.39		
1.4	64QAM	3	3	14.30	14.40	14.38		
1.4	64QAM	6	0	14.36	14.47	14.37	15.3	0
1.4	256QAM	1	0	14.45	14.40	14.35	15.3	0
1.4	256QAM	1	3	14.39	14.46	14.31		
1.4	256QAM	1	5	14.40	14.44	14.33		
1.4	256QAM	3	0	14.36	14.37	14.29		
1.4	256QAM	3	1	14.41	14.57	14.42		
1.4	256QAM	3	3	14.39	14.39	14.26		
1.4	256QAM	6	0	14.44	14.40	14.31	15.3	0

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BW [MHz]	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	24.12	24.15	24.08	25	0
10	QPSK	1	25	23.99	24.10	24.01		
10	QPSK	1	49	24.07	23.99	23.97		
10	QPSK	25	0	23.55	23.60	23.53	24.5	0.5
10	QPSK	25	12	23.52	23.49	23.46		
10	QPSK	25	25	23.53	23.52	23.38		
10	QPSK	50	0	23.51	23.53	23.51		
10	16QAM	1	0	23.85	23.79	23.86	24.5	0.5
10	16QAM	1	25	23.65	23.77	23.66		
10	16QAM	1	49	23.80	23.68	23.75		
10	16QAM	25	0	22.93	22.98	23.05	24	1
10	16QAM	25	12	23.03	23.03	23.01		
10	16QAM	25	25	22.92	23.03	22.91		
10	16QAM	50	0	23.00	23.08	22.95		
10	64QAM	1	0	22.60	22.43	22.53	24	1
10	64QAM	1	25	22.68	22.64	22.51		
10	64QAM	1	49	22.65	22.65	22.49		
10	64QAM	25	0	21.84	21.97	22.00	23	2
10	64QAM	25	12	22.00	21.97	22.00		
10	64QAM	25	25	21.96	21.98	21.84		
10	64QAM	50	0	21.99	22.01	21.90		
10	256QAM	1	0	18.62	18.66	18.54	20	5
10	256QAM	1	25	18.62	18.63	18.52		
10	256QAM	1	49	18.55	18.57	18.46		
10	256QAM	25	0	18.44	18.59	18.55	20	5
10	256QAM	25	12	18.49	18.52	18.42		
10	256QAM	25	25	18.47	18.57	18.44		
10	256QAM	50	0	18.52	18.62	18.50		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.97	24.08	23.93	25	0
5	QPSK	1	12	24.06	24.14	23.96		
5	QPSK	1	24	23.93	23.97	23.82		
5	QPSK	12	0	23.42	23.51	23.48	24.5	0.5
5	QPSK	12	7	23.42	23.41	23.40		
5	QPSK	12	13	23.41	23.46	23.30		
5	QPSK	25	0	23.50	23.52	23.42		
5	16QAM	1	0	23.72	23.70	23.73	24.5	0.5
5	16QAM	1	12	23.59	23.71	23.55		
5	16QAM	1	24	23.67	23.58	23.74		
5	16QAM	12	0	22.78	22.92	23.02	24	1
5	16QAM	12	7	22.93	22.95	22.90		
5	16QAM	12	13	22.79	22.94	22.80		
5	16QAM	25	0	22.92	23.05	22.83		
5	64QAM	1	0	22.49	22.34	22.38	24	1
5	64QAM	1	12	22.67	22.59	22.40		
5	64QAM	1	24	22.54	22.64	22.39		
5	64QAM	12	0	21.74	21.89	21.88	23	2
5	64QAM	12	7	21.87	21.86	21.90		
5	64QAM	12	13	21.94	21.96	21.76		
5	64QAM	25	0	21.87	21.96	21.87		
5	256QAM	1	0	18.48	18.54	18.43	20	5
5	256QAM	1	12	18.55	18.60	18.40		
5	256QAM	1	24	18.44	18.51	18.36		
5	256QAM	12	0	18.30	18.55	18.40	20	5
5	256QAM	12	7	18.42	18.37	18.31		
5	256QAM	12	13	18.43	18.42	18.39		
5	256QAM	25	0	18.45	18.52	18.46		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.86	24.05	23.96	25	0
3	QPSK	1	8	23.98	24.01	24.01		
3	QPSK	1	14	23.96	23.84	23.87		
3	QPSK	8	0	23.43	23.45	23.51	24.5	0.5
3	QPSK	8	4	23.48	23.47	23.38		
3	QPSK	8	7	23.38	23.41	23.26		
3	QPSK	15	0	23.41	23.50	23.41		
3	16QAM	1	0	23.84	23.74	23.78	24.5	0.5
3	16QAM	1	8	23.56	23.67	23.51		
3	16QAM	1	14	23.78	23.56	23.74		
3	16QAM	8	0	22.85	22.83	23.04	24	1
3	16QAM	8	4	22.97	22.98	22.96		
3	16QAM	8	7	22.79	22.89	22.85		
3	16QAM	15	0	22.98	23.06	22.82		
3	64QAM	1	0	22.45	22.34	22.47	24	1
3	64QAM	1	8	22.58	22.62	22.50		
3	64QAM	1	14	22.57	22.60	22.38		
3	64QAM	8	0	21.75	21.85	21.98	23	2
3	64QAM	8	4	21.86	21.86	21.94		
3	64QAM	8	7	21.85	21.87	21.75		
3	64QAM	15	0	21.96	21.91	21.76		
3	256QAM	1	0	18.49	18.63	18.49	20	5
3	256QAM	1	8	18.55	18.58	18.42		
3	256QAM	1	14	18.54	18.46	18.44		
3	256QAM	8	0	18.41	18.47	18.52	20	5
3	256QAM	8	4	18.35	18.43	18.37		
3	256QAM	8	7	18.39	18.47	18.40		
3	256QAM	15	0	18.41	18.57	18.47		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.95	23.97	23.91	25	0
1.4	QPSK	1	3	24.00	24.11	24.05		
1.4	QPSK	1	5	23.93	23.88	23.90		
1.4	QPSK	3	0	23.90	24.09	24.00		
1.4	QPSK	3	1	24.08	24.08	24.06		
1.4	QPSK	3	3	23.98	23.84	23.83		
1.4	QPSK	6	0	23.47	23.43	23.44	24.5	0.5
1.4	16QAM	1	0	23.70	23.75	23.76	24.5	0.5
1.4	16QAM	1	3	23.61	23.75	23.63		
1.4	16QAM	1	5	23.77	23.53	23.66		
1.4	16QAM	3	0	23.81	23.75	23.72		
1.4	16QAM	3	1	23.51	23.63	23.63		
1.4	16QAM	3	3	23.65	23.63	23.66		
1.4	16QAM	6	0	22.87	23.02	22.90	24	1
1.4	64QAM	1	0	22.56	22.38	22.45	24	1
1.4	64QAM	1	3	22.63	22.58	22.44		
1.4	64QAM	1	5	22.55	22.61	22.48		
1.4	64QAM	3	0	22.52	22.28	22.49		
1.4	64QAM	3	1	22.64	22.49	22.41		
1.4	64QAM	3	3	22.50	22.63	22.44		
1.4	64QAM	6	0	21.98	21.93	21.85	23	2
1.4	256QAM	1	0	18.54	18.54	18.45	20	5
1.4	256QAM	1	3	18.55	18.49	18.38		
1.4	256QAM	1	5	18.54	18.54	18.40		
1.4	256QAM	3	0	18.36	18.44	18.53		
1.4	256QAM	3	1	18.38	18.48	18.35		
1.4	256QAM	3	3	18.39	18.56	18.29		
1.4	256QAM	6	0	18.46	18.58	18.49	20	5

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	18.42	18.50	18.45	19.5	0
10	QPSK	1	25	18.36	18.40	18.34		
10	QPSK	1	49	18.41	18.49	18.35		
10	QPSK	25	0	18.40	18.48	18.43	19.5	0
10	QPSK	25	12	18.36	18.41	18.40		
10	QPSK	25	25	18.39	18.46	18.42		
10	QPSK	50	0	18.31	18.45	18.40		
10	16QAM	1	0	18.38	18.35	18.30	19.5	0
10	16QAM	1	25	18.34	18.41	18.33		
10	16QAM	1	49	18.33	18.46	18.33		
10	16QAM	25	0	18.38	18.41	18.42	19.5	0
10	16QAM	25	12	18.30	18.40	18.42		
10	16QAM	25	25	18.39	18.49	18.36		
10	16QAM	50	0	18.31	18.35	18.42		
10	64QAM	1	0	18.40	18.37	18.33	19.5	0
10	64QAM	1	25	18.33	18.48	18.44		
10	64QAM	1	49	18.31	18.40	18.34		
10	64QAM	25	0	18.40	18.37	18.30	19.5	0
10	64QAM	25	12	18.38	18.41	18.43		
10	64QAM	25	25	18.32	18.38	18.44		
10	64QAM	50	0	18.39	18.37	18.36		
10	256QAM	1	0	18.31	18.35	18.25	19.5	0
10	256QAM	1	25	18.21	18.32	18.29		
10	256QAM	1	49	18.24	18.30	18.15		
10	256QAM	25	0	18.14	18.24	18.23	19.5	0
10	256QAM	25	12	18.13	18.21	18.16		
10	256QAM	25	25	18.28	18.30	18.29		
10	256QAM	50	0	18.23	18.31	18.30		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	18.32	18.46	18.35	19.5	0
5	QPSK	1	12	18.26	18.28	18.21		
5	QPSK	1	24	18.37	18.41	18.28		
5	QPSK	12	0	18.32	18.45	18.28	19.5	0
5	QPSK	12	7	18.29	18.27	18.38		
5	QPSK	12	13	18.36	18.40	18.31		
5	QPSK	25	0	18.20	18.36	18.39		
5	16QAM	1	0	18.26	18.34	18.20	19.5	0
5	16QAM	1	12	18.31	18.28	18.26		
5	16QAM	1	24	18.32	18.41	18.24		
5	16QAM	12	0	18.36	18.27	18.32	19.5	0
5	16QAM	12	7	18.16	18.27	18.40		
5	16QAM	12	13	18.28	18.44	18.28		
5	16QAM	25	0	18.24	18.32	18.34		
5	64QAM	1	0	18.37	18.24	18.25	19.5	0
5	64QAM	1	12	18.31	18.38	18.41		
5	64QAM	1	24	18.24	18.28	18.31		
5	64QAM	12	0	18.39	18.28	18.24	19.5	0
5	64QAM	12	7	18.29	18.28	18.28		
5	64QAM	12	13	18.30	18.30	18.40		
5	64QAM	25	0	18.33	18.30	18.26		
5	256QAM	1	0	18.25	18.23	18.19	19.5	0
5	256QAM	1	12	18.20	18.21	18.22		
5	256QAM	1	24	18.17	18.27	18.03		
5	256QAM	12	0	18.12	18.12	18.20	19.5	0
5	256QAM	12	7	18.03	18.13	18.05		
5	256QAM	12	13	18.19	18.23	18.24		
5	256QAM	25	0	18.09	18.16	18.15		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	18.31	18.46	18.38	19.5	0
3	QPSK	1	8	18.25	18.28	18.27		
3	QPSK	1	14	18.32	18.38	18.29		
3	QPSK	8	0	18.30	18.38	18.41	19.5	0
3	QPSK	8	4	18.33	18.34	18.26		
3	QPSK	8	7	18.30	18.42	18.40		
3	QPSK	15	0	18.23	18.35	18.26		
3	16QAM	1	0	18.32	18.29	18.17	19.5	0
3	16QAM	1	8	18.28	18.37	18.21		
3	16QAM	1	14	18.19	18.43	18.19		
3	16QAM	8	0	18.25	18.29	18.27	19.5	0
3	16QAM	8	4	18.19	18.27	18.40		
3	16QAM	8	7	18.31	18.42	18.25		
3	16QAM	15	0	18.18	18.22	18.40		
3	64QAM	1	0	18.34	18.27	18.18	19.5	0
3	64QAM	1	8	18.28	18.37	18.35		
3	64QAM	1	14	18.19	18.34	18.30		
3	64QAM	8	0	18.38	18.24	18.26	19.5	0
3	64QAM	8	4	18.32	18.28	18.39		
3	64QAM	8	7	18.27	18.29	18.30		
3	64QAM	15	0	18.37	18.31	18.24		
3	256QAM	1	0	18.18	18.32	18.15	19.5	0
3	256QAM	1	8	18.13	18.20	18.14		
3	256QAM	1	14	18.18	18.27	18.02		
3	256QAM	8	0	18.06	18.10	18.12	19.5	0
3	256QAM	8	4	18.04	18.19	18.09		
3	256QAM	8	7	18.24	18.22	18.24		
3	256QAM	15	0	18.13	18.24	18.24		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	18.35	18.41	18.44	19.5	0
1.4	QPSK	1	3	18.29	18.28	18.30		
1.4	QPSK	1	5	18.26	18.38	18.29		
1.4	QPSK	3	0	18.28	18.39	18.35		
1.4	QPSK	3	1	18.27	18.40	18.37		
1.4	QPSK	3	3	18.28	18.43	18.33		
1.4	QPSK	6	0	18.19	18.32	18.38	19.5	0
1.4	16QAM	1	0	18.28	18.31	18.26	19.5	0
1.4	16QAM	1	3	18.29	18.26	18.19		
1.4	16QAM	1	5	18.24	18.32	18.32		
1.4	16QAM	3	0	18.31	18.34	18.33		
1.4	16QAM	3	1	18.27	18.27	18.38		
1.4	16QAM	3	3	18.35	18.37	18.33		
1.4	16QAM	6	0	18.19	18.21	18.31	19.5	0
1.4	64QAM	1	0	18.27	18.23	18.26	19.5	0
1.4	64QAM	1	3	18.21	18.41	18.33		
1.4	64QAM	1	5	18.23	18.37	18.31		
1.4	64QAM	3	0	18.37	18.24	18.20		
1.4	64QAM	3	1	18.27	18.32	18.28		
1.4	64QAM	3	3	18.26	18.27	18.34		
1.4	64QAM	6	0	18.37	18.33	18.33	19.5	0
1.4	256QAM	1	0	18.24	18.30	18.24	19.5	0
1.4	256QAM	1	3	18.10	18.25	18.24		
1.4	256QAM	1	5	18.15	18.26	18.05		
1.4	256QAM	3	0	18.02	18.10	18.09		
1.4	256QAM	3	1	18.09	18.08	18.02		
1.4	256QAM	3	3	18.25	18.23	18.26		
1.4	256QAM	6	0	18.16	18.23	18.20	19.5	0

Band 7_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.42	24.48	24.42	25	0
20	QPSK	1	49	24.39	24.29	24.38		
20	QPSK	1	99	24.32	24.35	24.39		
20	QPSK	50	0	23.94	24.12	24.10	24.5	0.5
20	QPSK	50	24	23.90	23.89	24.05		
20	QPSK	50	50	23.93	23.96	24.00		
20	QPSK	100	0	23.90	24.06	24.02		
20	16QAM	1	0	24.15	24.10	24.37	24.5	0.5
20	16QAM	1	49	24.20	24.23	24.30		
20	16QAM	1	99	24.10	24.16	24.33		
20	16QAM	50	0	23.39	23.42	23.56	24	1
20	16QAM	50	24	23.38	23.43	23.63		
20	16QAM	50	50	23.39	23.49	23.66		
20	16QAM	100	0	23.37	23.43	23.64		
20	64QAM	1	0	23.02	22.96	23.12	24	1
20	64QAM	1	49	23.00	23.05	23.15		
20	64QAM	1	99	23.08	23.08	23.20		
20	64QAM	50	0	22.39	22.45	22.53	23	2
20	64QAM	50	24	22.38	22.50	22.58		
20	64QAM	50	50	22.41	22.55	22.58		
20	64QAM	100	0	22.40	22.46	22.55		
20	256QAM	1	0	19.21	19.22	19.11	20	5
20	256QAM	1	49	19.01	19.12	19.04		
20	256QAM	1	99	19.04	19.13	19.06		
20	256QAM	50	0	19.00	19.07	18.99	20	5
20	256QAM	50	24	19.15	19.18	19.13		
20	256QAM	50	50	19.04	19.09	19.05		
20	256QAM	100	0	19.12	19.18	19.16		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.30	24.24	24.36	25	0
15	QPSK	1	37	24.39	24.39	24.35		
15	QPSK	1	74	24.31	24.25	24.30		
15	QPSK	36	0	23.80	24.04	24.03	24.5	0.5
15	QPSK	36	20	23.79	23.85	23.98		
15	QPSK	36	39	23.86	23.95	23.95		
15	QPSK	75	0	23.84	24.01	23.92		
15	16QAM	1	0	24.01	23.95	24.30	24.5	0.5
15	16QAM	1	37	24.17	24.15	24.19		
15	16QAM	1	74	23.98	24.08	24.29		
15	16QAM	36	0	23.33	23.33	23.51	24	1
15	16QAM	36	20	23.25	23.30	23.48		
15	16QAM	36	39	23.31	23.36	23.61		
15	16QAM	75	0	23.27	23.35	23.55		
15	64QAM	1	0	22.94	22.87	23.03	24	1
15	64QAM	1	37	22.85	23.02	23.13		
15	64QAM	1	74	23.06	23.05	23.07		
15	64QAM	36	0	22.35	22.34	22.43	23	2
15	64QAM	36	20	22.27	22.48	22.48		
15	64QAM	36	39	22.39	22.41	22.54		
15	64QAM	75	0	22.26	22.43	22.51		
15	256QAM	1	0	19.08	19.14	19.01	20	5
15	256QAM	1	37	18.92	19.04	19.02		
15	256QAM	1	74	18.91	19.12	18.98		
15	256QAM	36	0	18.89	19.05	18.98	20	5
15	256QAM	36	20	19.00	19.12	19.04		
15	256QAM	36	39	19.02	18.97	18.98		
15	256QAM	75	0	19.05	19.16	19.13		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.30	24.22	24.25	25	0
10	QPSK	1	25	24.30	24.45	24.35		
10	QPSK	1	49	24.28	24.31	24.37		
10	QPSK	25	0	23.82	23.97	23.97	24.5	0.5
10	QPSK	25	12	23.84	23.88	23.98		
10	QPSK	25	25	23.90	23.81	23.91		
10	QPSK	50	0	23.85	23.95	23.94		
10	16QAM	1	0	24.00	24.02	24.24	24.5	0.5
10	16QAM	1	25	24.12	24.13	24.25		
10	16QAM	1	49	24.02	24.03	24.25		
10	16QAM	25	0	23.33	23.33	23.52	24	1
10	16QAM	25	12	23.35	23.34	23.48		
10	16QAM	25	25	23.25	23.47	23.60		
10	16QAM	50	0	23.35	23.41	23.51		
10	64QAM	1	0	22.90	22.84	22.99	24	1
10	64QAM	1	25	22.97	22.90	23.02		
10	64QAM	1	49	22.93	22.97	23.05		
10	64QAM	25	0	22.35	22.33	22.51	23	2
10	64QAM	25	12	22.32	22.46	22.53		
10	64QAM	25	25	22.35	22.52	22.53		
10	64QAM	50	0	22.30	22.39	22.50		
10	256QAM	1	0	19.16	19.10	19.07	20	5
10	256QAM	1	25	19.00	19.08	18.89		
10	256QAM	1	49	18.92	19.02	19.01		
10	256QAM	25	0	18.86	18.93	18.93	20	5
10	256QAM	25	12	19.04	19.09	19.03		
10	256QAM	25	25	19.00	19.08	19.00		
10	256QAM	50	0	19.04	19.05	19.03		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.34	24.24	24.37	25	0
5	QPSK	1	12	24.31	24.41	24.37		
5	QPSK	1	24	24.26	24.22	24.33		
5	QPSK	12	0	23.92	24.00	24.03	24.5	0.5
5	QPSK	12	7	23.81	23.81	23.98		
5	QPSK	12	13	23.83	23.94	23.99		
5	QPSK	25	0	23.83	23.96	23.94		
5	16QAM	1	0	24.03	24.09	24.24	24.5	0.5
5	16QAM	1	12	24.11	24.12	24.16		
5	16QAM	1	24	24.06	24.09	24.28		
5	16QAM	12	0	23.34	23.40	23.50	24	1
5	16QAM	12	7	23.30	23.35	23.51		
5	16QAM	12	13	23.30	23.38	23.59		
5	16QAM	25	0	23.35	23.31	23.56		
5	64QAM	1	0	22.88	22.85	23.06	24	1
5	64QAM	1	12	22.86	23.02	23.02		
5	64QAM	1	24	22.94	22.97	23.11		
5	64QAM	12	0	22.33	22.41	22.44	23	2
5	64QAM	12	7	22.24	22.47	22.57		
5	64QAM	12	13	22.28	22.41	22.48		
5	64QAM	25	0	22.32	22.37	22.44		
5	256QAM	1	0	19.16	19.07	18.97	20	5
5	256QAM	1	12	18.87	18.99	18.92		
5	256QAM	1	24	18.99	19.06	18.92		
5	256QAM	12	0	18.92	18.93	18.92	20	5
5	256QAM	12	7	19.09	19.14	19.05		
5	256QAM	12	13	19.00	19.00	18.93		
5	256QAM	25	0	19.05	19.05	19.15		

Band 7_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.50	14.66	14.62	15.5	0
20	QPSK	1	49	14.40	14.53	14.55		
20	QPSK	1	99	14.43	14.64	14.55		
20	QPSK	50	0	14.48	14.65	14.56	15.5	0
20	QPSK	50	24	14.36	14.64	14.50		
20	QPSK	50	50	14.45	14.61	14.49		
20	QPSK	100	0	14.43	14.63	14.52		
20	16QAM	1	0	14.42	14.64	14.52	15.5	0
20	16QAM	1	49	14.49	14.64	14.57		
20	16QAM	1	99	14.42	14.59	14.47		
20	16QAM	50	0	14.47	14.55	14.58	15.5	0
20	16QAM	50	24	14.44	14.57	14.54		
20	16QAM	50	50	14.49	14.57	14.61		
20	16QAM	100	0	14.40	14.54	14.49		
20	64QAM	1	0	14.39	14.60	14.61	15.5	0
20	64QAM	1	49	14.44	14.57	14.56		
20	64QAM	1	99	14.45	14.65	14.52		
20	64QAM	50	0	14.42	14.63	14.51	15.5	0
20	64QAM	50	24	14.41	14.59	14.52		
20	64QAM	50	50	14.36	14.55	14.52		
20	64QAM	100	0	14.42	14.64	14.60		
20	256QAM	1	0	14.45	14.53	14.51	15.5	0
20	256QAM	1	49	14.41	14.57	14.60		
20	256QAM	1	99	14.39	14.63	14.57		
20	256QAM	50	0	14.38	14.54	14.57	15.5	0
20	256QAM	50	24	14.44	14.53	14.59		
20	256QAM	50	50	14.41	14.55	14.47		
20	256QAM	100	0	14.39	14.56	14.57		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.45	14.55	14.60	15.5	0
15	QPSK	1	37	14.34	14.44	14.40		
15	QPSK	1	74	14.40	14.53	14.45		
15	QPSK	36	0	14.44	14.57	14.52	15.5	0
15	QPSK	36	20	14.21	14.56	14.36		
15	QPSK	36	39	14.40	14.60	14.39		
15	QPSK	75	0	14.40	14.55	14.48		
15	16QAM	1	0	14.32	14.50	14.48	15.5	0
15	16QAM	1	37	14.37	14.62	14.52		
15	16QAM	1	74	14.30	14.57	14.36		
15	16QAM	36	0	14.42	14.43	14.46	15.5	0
15	16QAM	36	20	14.33	14.42	14.51		
15	16QAM	36	39	14.37	14.55	14.50		
15	16QAM	75	0	14.36	14.41	14.36		
15	64QAM	1	0	14.28	14.49	14.58	15.5	0
15	64QAM	1	37	14.41	14.51	14.41		
15	64QAM	1	74	14.42	14.50	14.44		
15	64QAM	36	0	14.27	14.59	14.50	15.5	0
15	64QAM	36	20	14.40	14.51	14.42		
15	64QAM	36	39	14.32	14.50	14.51		
15	64QAM	75	0	14.37	14.53	14.55		
15	256QAM	1	0	14.34	14.52	14.47	15.5	0
15	256QAM	1	37	14.28	14.43	14.47		
15	256QAM	1	74	14.34	14.57	14.46		
15	256QAM	36	0	14.34	14.43	14.45	15.5	0
15	256QAM	36	20	14.36	14.49	14.49		
15	256QAM	36	39	14.26	14.43	14.45		
15	256QAM	75	0	14.38	14.49	14.44		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.45	14.62	14.52	15.5	0
10	QPSK	1	25	14.37	14.47	14.50		
10	QPSK	1	49	14.40	14.52	14.53		
10	QPSK	25	0	14.39	14.55	14.46	15.5	0
10	QPSK	25	12	14.34	14.62	14.45		
10	QPSK	25	25	14.33	14.55	14.41		
10	QPSK	50	0	14.33	14.54	14.43		
10	16QAM	1	0	14.32	14.52	14.49	15.5	0
10	16QAM	1	25	14.34	14.56	14.43		
10	16QAM	1	49	14.27	14.56	14.36		
10	16QAM	25	0	14.44	14.43	14.49	15.5	0
10	16QAM	25	12	14.35	14.53	14.42		
10	16QAM	25	25	14.37	14.45	14.59		
10	16QAM	50	0	14.33	14.49	14.46		
10	64QAM	1	0	14.35	14.52	14.48	15.5	0
10	64QAM	1	25	14.41	14.46	14.44		
10	64QAM	1	49	14.33	14.57	14.51		
10	64QAM	25	0	14.37	14.60	14.38	15.5	0
10	64QAM	25	12	14.27	14.51	14.50		
10	64QAM	25	25	14.32	14.44	14.38		
10	64QAM	50	0	14.33	14.52	14.46		
10	256QAM	1	0	14.44	14.51	14.49	15.5	0
10	256QAM	1	25	14.36	14.46	14.48		
10	256QAM	1	49	14.36	14.55	14.51		
10	256QAM	25	0	14.32	14.43	14.45	15.5	0
10	256QAM	25	12	14.36	14.46	14.48		
10	256QAM	25	25	14.36	14.47	14.40		
10	256QAM	50	0	14.31	14.54	14.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.39	14.59	14.56	15.5	0
5	QPSK	1	12	14.32	14.38	14.43		
5	QPSK	1	24	14.37	14.60	14.50		
5	QPSK	12	0	14.44	14.63	14.49	15.5	0
5	QPSK	12	7	14.33	14.61	14.40		
5	QPSK	12	13	14.31	14.47	14.42		
5	QPSK	25	0	14.32	14.51	14.41		
5	16QAM	1	0	14.34	14.50	14.48	15.5	0
5	16QAM	1	12	14.34	14.51	14.49		
5	16QAM	1	24	14.40	14.46	14.36		
5	16QAM	12	0	14.41	14.48	14.55	15.5	0
5	16QAM	12	7	14.35	14.53	14.39		
5	16QAM	12	13	14.39	14.50	14.60		
5	16QAM	25	0	14.39	14.47	14.39		
5	64QAM	1	0	14.36	14.54	14.60	15.5	0
5	64QAM	1	12	14.32	14.53	14.50		
5	64QAM	1	24	14.42	14.51	14.47		
5	64QAM	12	0	14.27	14.60	14.36	15.5	0
5	64QAM	12	7	14.30	14.54	14.41		
5	64QAM	12	13	14.33	14.49	14.38		
5	64QAM	25	0	14.39	14.59	14.52		
5	256QAM	1	0	14.32	14.40	14.50	15.5	0
5	256QAM	1	12	14.38	14.49	14.45		
5	256QAM	1	24	14.37	14.58	14.46		
5	256QAM	12	0	14.24	14.53	14.55	15.5	0
5	256QAM	12	7	14.33	14.51	14.57		
5	256QAM	12	13	14.28	14.41	14.45		
5	256QAM	25	0	14.35	14.45	14.51		

Band 7_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.88	15.95	15.82	16.4	0
20	QPSK	1	49	15.74	15.93	15.81		
20	QPSK	1	99	15.74	15.92	15.74		
20	QPSK	50	0	15.94	15.92	15.80	16.4	0
20	QPSK	50	24	15.77	15.80	15.76		
20	QPSK	50	50	15.81	15.86	15.73		
20	QPSK	100	0	15.73	15.87	15.69		
20	16QAM	1	0	15.81	15.80	15.68	16.4	0
20	16QAM	1	49	15.79	15.92	15.68		
20	16QAM	1	99	15.79	15.80	15.77		
20	16QAM	50	0	15.78	15.80	15.75	16.4	0
20	16QAM	50	24	15.74	15.80	15.79		
20	16QAM	50	50	15.77	15.94	15.71		
20	16QAM	100	0	15.77	15.83	15.78		
20	64QAM	1	0	15.85	15.92	15.71	16.4	0
20	64QAM	1	49	15.80	15.91	15.71		
20	64QAM	1	99	15.84	15.80	15.78		
20	64QAM	50	0	15.87	15.81	15.76	16.4	0
20	64QAM	50	24	15.79	15.84	15.81		
20	64QAM	50	50	15.84	15.92	15.72		
20	64QAM	100	0	15.82	15.85	15.72		
20	256QAM	1	0	15.81	15.92	15.67	16.4	0
20	256QAM	1	49	15.81	15.92	15.69		
20	256QAM	1	99	15.86	15.90	15.75		
20	256QAM	50	0	15.78	15.86	15.77	16.4	0
20	256QAM	50	24	15.78	15.86	15.74		
20	256QAM	50	50	15.73	15.86	15.72		
20	256QAM	100	0	15.81	15.91	15.76		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.81	15.92	15.81	16.4	0
15	QPSK	1	37	15.72	15.79	15.71		
15	QPSK	1	74	15.65	15.81	15.66		
15	QPSK	36	0	15.80	15.78	15.70	16.4	0
15	QPSK	36	20	15.69	15.70	15.63		
15	QPSK	36	39	15.72	15.77	15.60		
15	QPSK	75	0	15.61	15.79	15.57		
15	16QAM	1	0	15.73	15.78	15.65	16.4	0
15	16QAM	1	37	15.68	15.78	15.53		
15	16QAM	1	74	15.74	15.68	15.64		
15	16QAM	36	0	15.68	15.70	15.71	16.4	0
15	16QAM	36	20	15.65	15.73	15.73		
15	16QAM	36	39	15.72	15.87	15.65		
15	16QAM	75	0	15.73	15.69	15.68		
15	64QAM	1	0	15.71	15.90	15.70	16.4	0
15	64QAM	1	37	15.76	15.83	15.66		
15	64QAM	1	74	15.81	15.78	15.66		
15	64QAM	36	0	15.77	15.77	15.61	16.4	0
15	64QAM	36	20	15.71	15.70	15.78		
15	64QAM	36	39	15.78	15.87	15.59		
15	64QAM	75	0	15.73	15.74	15.60		
15	256QAM	1	0	15.78	15.91	15.65	16.4	0
15	256QAM	1	37	15.71	15.87	15.63		
15	256QAM	1	74	15.81	15.77	15.73		
15	256QAM	36	0	15.71	15.74	15.64	16.4	0
15	256QAM	36	20	15.72	15.72	15.66		
15	256QAM	36	39	15.58	15.75	15.61		
15	256QAM	75	0	15.77	15.83	15.63		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.76	15.94	15.77	16.4	0
10	QPSK	1	25	15.61	15.85	15.71		
10	QPSK	1	49	15.62	15.82	15.67		
10	QPSK	25	0	15.72	15.89	15.79	16.4	0
10	QPSK	25	12	15.74	15.67	15.72		
10	QPSK	25	25	15.73	15.73	15.69		
10	QPSK	50	0	15.69	15.79	15.61	16.4	0
10	16QAM	1	0	15.67	15.65	15.62		
10	16QAM	1	25	15.68	15.83	15.58		
10	16QAM	1	49	15.64	15.79	15.75		
10	16QAM	25	0	15.68	15.77	15.71	16.4	0
10	16QAM	25	12	15.61	15.78	15.78		
10	16QAM	25	25	15.65	15.83	15.57		
10	16QAM	50	0	15.71	15.70	15.73		
10	64QAM	1	0	15.71	15.90	15.60	16.4	0
10	64QAM	1	25	15.73	15.90	15.57		
10	64QAM	1	49	15.73	15.78	15.66		
10	64QAM	25	0	15.82	15.79	15.68	16.4	0
10	64QAM	25	12	15.74	15.73	15.72		
10	64QAM	25	25	15.76	15.84	15.70		
10	64QAM	50	0	15.79	15.71	15.69		
10	256QAM	1	0	15.69	15.88	15.59	16.4	0
10	256QAM	1	25	15.77	15.82	15.56		
10	256QAM	1	49	15.85	15.77	15.74		
10	256QAM	25	0	15.71	15.73	15.74	16.4	0
10	256QAM	25	12	15.64	15.78	15.73		
10	256QAM	25	25	15.72	15.80	15.69		
10	256QAM	50	0	15.72	15.86	15.70		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.82	15.82	15.77	16.4	0
5	QPSK	1	12	15.70	15.84	15.69		
5	QPSK	1	24	15.61	15.86	15.66		
5	QPSK	12	0	15.73	15.80	15.71	16.4	0
5	QPSK	12	7	15.65	15.77	15.71		
5	QPSK	12	13	15.69	15.84	15.63		
5	QPSK	25	0	15.72	15.72	15.63		
5	16QAM	1	0	15.74	15.70	15.58	16.4	0
5	16QAM	1	12	15.70	15.85	15.64		
5	16QAM	1	24	15.67	15.77	15.71		
5	16QAM	12	0	15.71	15.65	15.68	16.4	0
5	16QAM	12	7	15.64	15.65	15.69		
5	16QAM	12	13	15.70	15.79	15.67		
5	16QAM	25	0	15.67	15.74	15.69		
5	64QAM	1	0	15.83	15.84	15.63	16.4	0
5	64QAM	1	12	15.68	15.87	15.56		
5	64QAM	1	24	15.80	15.74	15.64		
5	64QAM	12	0	15.78	15.74	15.71	16.4	0
5	64QAM	12	7	15.72	15.78	15.74		
5	64QAM	12	13	15.77	15.80	15.67		
5	64QAM	25	0	15.78	15.72	15.57		
5	256QAM	1	0	15.78	15.82	15.55	16.4	0
5	256QAM	1	12	15.68	15.78	15.65		
5	256QAM	1	24	15.74	15.81	15.60		
5	256QAM	12	0	15.67	15.80	15.72	16.4	0
5	256QAM	12	7	15.70	15.80	15.71		
5	256QAM	12	13	15.68	15.80	15.59		
5	256QAM	25	0	15.70	15.80	15.74		

Band 7_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.02	14.40	14.68	15.5	0
20	QPSK	1	49	13.94	14.38	14.58		
20	QPSK	1	99	13.93	14.30	14.54		
20	QPSK	50	0	14.00	14.38	14.66	15.5	0
20	QPSK	50	24	13.98	14.36	14.65		
20	QPSK	50	50	13.90	14.31	14.63		
20	QPSK	100	0	13.91	14.32	14.62		
20	16QAM	1	0	13.97	14.25	14.66	15.5	0
20	16QAM	1	49	13.96	14.30	14.66		
20	16QAM	1	99	13.87	14.32	14.53		
20	16QAM	50	0	13.99	14.32	14.67	15.5	0
20	16QAM	50	24	13.96	14.39	14.63		
20	16QAM	50	50	13.91	14.32	14.63		
20	16QAM	100	0	13.91	14.28	14.63		
20	64QAM	1	0	13.99	14.33	14.62	15.5	0
20	64QAM	1	49	13.99	14.36	14.58		
20	64QAM	1	99	13.99	14.28	14.57		
20	64QAM	50	0	13.87	14.34	14.58	15.5	0
20	64QAM	50	24	13.94	14.29	14.57		
20	64QAM	50	50	13.93	14.29	14.66		
20	64QAM	100	0	14.01	14.34	14.66		
20	256QAM	1	0	13.98	14.29	14.58	15.5	0
20	256QAM	1	49	13.91	14.33	14.44		
20	256QAM	1	99	13.87	14.20	14.39		
20	256QAM	50	0	13.83	14.29	14.42	15.5	0
20	256QAM	50	24	13.89	14.36	14.56		
20	256QAM	50	50	13.82	14.23	14.44		
20	256QAM	100	0	13.81	14.15	14.53		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.93	14.39	14.60	15.5	0
15	QPSK	1	37	13.79	14.36	14.50		
15	QPSK	1	74	13.86	14.18	14.42		
15	QPSK	36	0	13.95	14.30	14.52	15.5	0
15	QPSK	36	20	13.86	14.22	14.58		
15	QPSK	36	39	13.84	14.28	14.48		
15	QPSK	75	0	13.90	14.19	14.47		
15	16QAM	1	0	13.87	14.17	14.64	15.5	0
15	16QAM	1	37	13.90	14.21	14.58		
15	16QAM	1	74	13.77	14.19	14.52		
15	16QAM	36	0	13.97	14.19	14.53	15.5	0
15	16QAM	36	20	13.91	14.32	14.48		
15	16QAM	36	39	13.81	14.28	14.59		
15	16QAM	75	0	13.80	14.15	14.59		
15	64QAM	1	0	13.98	14.20	14.61	15.5	0
15	64QAM	1	37	13.85	14.28	14.54		
15	64QAM	1	74	13.95	14.27	14.54		
15	64QAM	36	0	13.81	14.24	14.52	15.5	0
15	64QAM	36	20	13.82	14.16	14.47		
15	64QAM	36	39	13.79	14.22	14.52		
15	64QAM	75	0	13.99	14.20	14.51		
15	256QAM	1	0	13.86	14.23	14.46	15.5	0
15	256QAM	1	37	13.78	14.25	14.33		
15	256QAM	1	74	13.84	14.05	14.33		
15	256QAM	36	0	13.77	14.22	14.29	15.5	0
15	256QAM	36	20	13.74	14.35	14.52		
15	256QAM	36	39	13.72	14.09	14.29		
15	256QAM	75	0	13.76	14.06	14.43		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.94	14.34	14.65	15.5	0
10	QPSK	1	25	13.93	14.31	14.52		
10	QPSK	1	49	13.79	14.17	14.53		
10	QPSK	25	0	13.96	14.35	14.55	15.5	0
10	QPSK	25	12	13.91	14.33	14.64		
10	QPSK	25	25	13.79	14.23	14.58		
10	QPSK	50	0	13.89	14.21	14.53	15.5	0
10	16QAM	1	0	13.86	14.12	14.55		
10	16QAM	1	25	13.91	14.25	14.60		
10	16QAM	1	49	13.82	14.25	14.52		
10	16QAM	25	0	13.86	14.22	14.61	15.5	0
10	16QAM	25	12	13.94	14.28	14.52		
10	16QAM	25	25	13.85	14.20	14.54		
10	16QAM	50	0	13.88	14.25	14.51		
10	64QAM	1	0	13.96	14.31	14.47	15.5	0
10	64QAM	1	25	13.95	14.29	14.43		
10	64QAM	1	49	13.91	14.16	14.54		
10	64QAM	25	0	13.78	14.31	14.46	15.5	0
10	64QAM	25	12	13.85	14.15	14.50		
10	64QAM	25	25	13.79	14.20	14.58		
10	64QAM	50	0	14.00	14.19	14.62		
10	256QAM	1	0	13.90	14.15	14.48	15.5	0
10	256QAM	1	25	13.84	14.27	14.33		
10	256QAM	1	49	13.78	14.10	14.30		
10	256QAM	25	0	13.78	14.21	14.38	15.5	0
10	256QAM	25	12	13.80	14.22	14.53		
10	256QAM	25	25	13.76	14.12	14.29		
10	256QAM	50	0	13.70	14.10	14.52		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.93	14.38	14.67	15.5	0
5	QPSK	1	12	13.87	14.24	14.48		
5	QPSK	1	24	13.78	14.16	14.43		
5	QPSK	12	0	13.85	14.36	14.60	15.5	0
5	QPSK	12	7	13.92	14.28	14.51		
5	QPSK	12	13	13.87	14.21	14.57		
5	QPSK	25	0	13.79	14.31	14.53		
5	16QAM	1	0	13.91	14.10	14.58	15.5	0
5	16QAM	1	12	13.83	14.27	14.62		
5	16QAM	1	24	13.84	14.18	14.40		
5	16QAM	12	0	13.90	14.19	14.65	15.5	0
5	16QAM	12	7	13.84	14.33	14.51		
5	16QAM	12	13	13.79	14.30	14.51		
5	16QAM	25	0	13.83	14.13	14.56		
5	64QAM	1	0	13.90	14.28	14.60	15.5	0
5	64QAM	1	12	13.93	14.32	14.53		
5	64QAM	1	24	13.89	14.17	14.51		
5	64QAM	12	0	13.72	14.26	14.45	15.5	0
5	64QAM	12	7	13.89	14.26	14.44		
5	64QAM	12	13	13.79	14.28	14.64		
5	64QAM	25	0	13.97	14.21	14.57		
5	256QAM	1	0	13.93	14.28	14.53	15.5	0
5	256QAM	1	12	13.88	14.27	14.29		
5	256QAM	1	24	13.72	14.15	14.28		
5	256QAM	12	0	13.78	14.28	14.34	15.5	0
5	256QAM	12	7	13.79	14.29	14.41		
5	256QAM	12	13	13.78	14.09	14.37		
5	256QAM	25	0	13.66	14.13	14.44		

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	22.83	22.88	22.84	23.8	0
10	QPSK	1	25	22.73	22.80	22.67		
10	QPSK	1	49	22.79	22.80	22.78		
10	QPSK	25	0	22.26	22.33	22.28	23.3	0.5
10	QPSK	25	12	22.25	22.17	22.16		
10	QPSK	25	25	22.23	22.15	22.25		
10	QPSK	50	0	22.27	22.30	22.23		
10	16QAM	1	0	22.61	22.53	22.54	23.3	0.5
10	16QAM	1	25	22.46	22.42	22.58		
10	16QAM	1	49	22.73	22.61	22.56		
10	16QAM	25	0	21.67	21.64	21.68	22.8	1
10	16QAM	25	12	21.72	21.62	21.70		
10	16QAM	25	25	21.79	21.60	21.74		
10	16QAM	50	0	21.77	21.64	21.79		
10	64QAM	1	0	21.55	21.56	21.58	22.8	1
10	64QAM	1	25	21.50	21.52	21.50		
10	64QAM	1	49	21.35	21.33	21.47		
10	64QAM	25	0	20.70	20.64	20.65	21.8	2
10	64QAM	25	12	20.74	20.59	20.70		
10	64QAM	25	25	20.78	20.70	20.68		
10	64QAM	50	0	20.71	20.66	20.72		
10	256QAM	1	0	17.67	17.78	17.71	18.8	5
10	256QAM	1	25	17.62	17.65	17.60		
10	256QAM	1	49	17.65	17.66	17.58		
10	256QAM	25	0	17.65	17.74	17.59	18.8	5
10	256QAM	25	12	17.58	17.63	17.50		
10	256QAM	25	25	17.62	17.74	17.64		
10	256QAM	50	0	17.71	17.72	17.69		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.63	22.79	22.66	23.8	0
5	QPSK	1	12	22.75	22.84	22.73		
5	QPSK	1	24	22.75	22.65	22.72		
5	QPSK	12	0	22.16	22.27	22.18	23.3	0.5
5	QPSK	12	7	22.15	22.15	22.09		
5	QPSK	12	13	22.22	22.02	22.15		
5	QPSK	25	0	22.17	22.25	22.08		
5	16QAM	1	0	22.54	22.49	22.41	23.3	0.5
5	16QAM	1	12	22.41	22.28	22.55		
5	16QAM	1	24	22.62	22.58	22.44		
5	16QAM	12	0	21.60	21.50	21.67	22.8	1
5	16QAM	12	7	21.58	21.50	21.68		
5	16QAM	12	13	21.69	21.56	21.67		
5	16QAM	25	0	21.69	21.54	21.69		
5	64QAM	1	0	21.52	21.43	21.53	22.8	1
5	64QAM	1	12	21.41	21.42	21.43		
5	64QAM	1	24	21.24	21.27	21.46		
5	64QAM	12	0	20.60	20.52	20.64	21.8	2
5	64QAM	12	7	20.65	20.49	20.57		
5	64QAM	12	13	20.69	20.65	20.56		
5	64QAM	25	0	20.60	20.58	20.66		
5	256QAM	1	0	17.59	17.71	17.61	18.8	5
5	256QAM	1	12	17.54	17.55	17.58		
5	256QAM	1	24	17.51	17.55	17.44		
5	256QAM	12	0	17.53	17.65	17.44	18.8	5
5	256QAM	12	7	17.45	17.50	17.40		
5	256QAM	12	13	17.61	17.62	17.55		
5	256QAM	25	0	17.57	17.70	17.64		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.65	22.67	22.58	23.8	0
3	QPSK	1	8	22.72	22.86	22.83		
3	QPSK	1	14	22.76	22.75	22.76		
3	QPSK	8	0	22.22	22.22	22.13	23.3	0.5
3	QPSK	8	4	22.21	22.11	22.11		
3	QPSK	8	7	22.10	22.04	22.17		
3	QPSK	15	0	22.13	22.16	22.10		
3	16QAM	1	0	22.48	22.43	22.39	23.3	0.5
3	16QAM	1	8	22.38	22.28	22.56		
3	16QAM	1	14	22.59	22.48	22.41		
3	16QAM	8	0	21.54	21.53	21.61	22.8	1
3	16QAM	8	4	21.66	21.55	21.62		
3	16QAM	8	7	21.68	21.47	21.70		
3	16QAM	15	0	21.69	21.63	21.67		
3	64QAM	1	0	21.43	21.52	21.55	22.8	1
3	64QAM	1	8	21.45	21.41	21.37		
3	64QAM	1	14	21.23	21.19	21.33		
3	64QAM	8	0	20.59	20.55	20.57	21.8	2
3	64QAM	8	4	20.70	20.50	20.69		
3	64QAM	8	7	20.66	20.62	20.57		
3	64QAM	15	0	20.66	20.54	20.64		
3	256QAM	1	0	17.63	17.66	17.64	18.8	5
3	256QAM	1	8	17.59	17.58	17.46		
3	256QAM	1	14	17.64	17.60	17.49		
3	256QAM	8	0	17.57	17.66	17.52	18.8	5
3	256QAM	8	4	17.53	17.62	17.41		
3	256QAM	8	7	17.52	17.73	17.53		
3	256QAM	15	0	17.65	17.57	17.58		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.69	22.71	22.54	23.8	0
1.4	QPSK	1	3	22.72	22.75	22.82		
1.4	QPSK	1	5	22.72	22.74	22.70		
1.4	QPSK	3	0	22.71	22.65	22.55		
1.4	QPSK	3	1	22.74	22.74	22.78		
1.4	QPSK	3	3	22.75	22.73	22.68		
1.4	QPSK	6	0	22.24	22.17	22.22	23.3	0.5
1.4	16QAM	1	0	22.50	22.41	22.44	23.3	0.5
1.4	16QAM	1	3	22.41	22.38	22.56		
1.4	16QAM	1	5	22.69	22.51	22.49		
1.4	16QAM	3	0	22.49	22.40	22.42		
1.4	16QAM	3	1	22.36	22.35	22.56		
1.4	16QAM	3	3	22.71	22.52	22.43		
1.4	16QAM	6	0	21.66	21.59	21.72	22.8	1
1.4	64QAM	1	0	21.40	21.46	21.46	22.8	1
1.4	64QAM	1	3	21.46	21.39	21.46		
1.4	64QAM	1	5	21.24	21.29	21.33		
1.4	64QAM	3	0	21.41	21.48	21.43		
1.4	64QAM	3	1	21.49	21.48	21.47		
1.4	64QAM	3	3	21.27	21.21	21.41		
1.4	64QAM	6	0	20.67	20.53	20.58	21.8	2
1.4	256QAM	1	0	17.60	17.74	17.65	18.8	5
1.4	256QAM	1	3	17.58	17.54	17.48		
1.4	256QAM	1	5	17.64	17.63	17.47		
1.4	256QAM	3	0	17.53	17.72	17.46		
1.4	256QAM	3	1	17.44	17.48	17.45		
1.4	256QAM	3	3	17.60	17.71	17.56		
1.4	256QAM	6	0	17.64	17.63	17.56	18.8	5

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	19.17	19.22	19.15	20.3	0
10	QPSK	1	25	19.16	19.10	19.04		
10	QPSK	1	49	19.02	19.09	19.04		
10	QPSK	25	0	19.16	19.20	19.13	20.3	0
10	QPSK	25	12	19.03	19.19	19.11		
10	QPSK	25	25	19.15	19.09	19.05		
10	QPSK	50	0	19.09	19.15	19.07		
10	16QAM	1	0	19.08	19.21	19.05	20.3	0
10	16QAM	1	25	19.12	19.21	19.12		
10	16QAM	1	49	19.02	19.21	19.01		
10	16QAM	25	0	19.16	19.11	19.09	20.3	0
10	16QAM	25	12	19.08	19.16	19.07		
10	16QAM	25	25	19.04	19.08	19.05		
10	16QAM	50	0	19.05	19.07	19.13		
10	64QAM	1	0	19.08	19.18	19.02	20.3	0
10	64QAM	1	25	19.03	19.10	19.09		
10	64QAM	1	49	19.05	19.19	19.09		
10	64QAM	25	0	19.02	19.19	19.00	20.3	0
10	64QAM	25	12	19.05	19.19	19.05		
10	64QAM	25	25	19.06	19.18	19.11		
10	64QAM	50	0	19.13	19.14	19.00		
10	256QAM	1	0	17.10	17.24	17.21	18.3	2
10	256QAM	1	25	17.13	17.22	17.18		
10	256QAM	1	49	17.13	17.16	17.05		
10	256QAM	25	0	17.02	17.09	17.04	18.3	2
10	256QAM	25	12	17.00	17.11	17.01		
10	256QAM	25	25	17.10	17.21	17.09		
10	256QAM	50	0	17.04	17.18	17.10		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	19.12	19.10	19.07	20.3	0
5	QPSK	1	12	19.09	18.98	18.89		
5	QPSK	1	24	18.89	19.00	19.00		
5	QPSK	12	0	19.15	19.15	19.08	20.3	0
5	QPSK	12	7	18.90	19.14	19.00		
5	QPSK	12	13	19.10	19.07	18.91		
5	QPSK	25	0	19.06	19.14	19.02		
5	16QAM	1	0	18.94	19.20	18.94	20.3	0
5	16QAM	1	12	19.07	19.20	19.04		
5	16QAM	1	24	18.96	19.13	18.92		
5	16QAM	12	0	19.03	19.01	19.08	20.3	0
5	16QAM	12	7	18.94	19.05	19.03		
5	16QAM	12	13	19.00	18.95	18.98		
5	16QAM	25	0	19.00	18.96	19.04		
5	64QAM	1	0	19.01	19.15	18.97	20.3	0
5	64QAM	1	12	18.88	19.04	19.06		
5	64QAM	1	24	19.03	19.17	19.06		
5	64QAM	12	0	18.93	19.18	18.91	20.3	0
5	64QAM	12	7	19.00	19.11	19.04		
5	64QAM	12	13	18.98	19.11	19.06		
5	64QAM	25	0	19.06	19.11	18.93		
5	256QAM	1	0	16.97	17.15	17.09	18.3	2
5	256QAM	1	12	17.06	17.11	17.14		
5	256QAM	1	24	17.07	17.15	16.98		
5	256QAM	12	0	16.95	16.97	16.95	18.3	2
5	256QAM	12	7	16.94	17.09	16.91		
5	256QAM	12	13	17.04	17.12	17.07		
5	256QAM	25	0	16.93	17.11	16.99		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	19.03	19.10	19.10	20.3	0
3	QPSK	1	8	19.04	19.08	18.93		
3	QPSK	1	14	19.00	18.94	19.00		
3	QPSK	8	0	19.04	19.14	19.11	20.3	0
3	QPSK	8	4	18.90	19.09	18.98		
3	QPSK	8	7	19.00	19.01	19.00		
3	QPSK	15	0	18.94	19.14	18.96		
3	16QAM	1	0	18.97	19.09	18.98	20.3	0
3	16QAM	1	8	19.00	19.10	18.98		
3	16QAM	1	14	18.97	19.12	18.88		
3	16QAM	8	0	19.10	19.02	19.08	20.3	0
3	16QAM	8	4	19.00	19.06	18.96		
3	16QAM	8	7	18.91	19.02	18.95		
3	16QAM	15	0	18.93	19.04	18.99		
3	64QAM	1	0	19.02	19.16	18.89	20.3	0
3	64QAM	1	8	18.91	19.00	18.99		
3	64QAM	1	14	18.94	19.18	18.99		
3	64QAM	8	0	18.97	19.07	18.90	20.3	0
3	64QAM	8	4	18.99	19.14	18.98		
3	64QAM	8	7	18.95	19.17	19.10		
3	64QAM	15	0	19.08	19.02	18.95		
3	256QAM	1	0	16.99	17.21	17.17	18.3	2
3	256QAM	1	8	17.05	17.16	17.14		
3	256QAM	1	14	17.09	17.02	17.03		
3	256QAM	8	0	16.89	17.04	16.94	18.3	2
3	256QAM	8	4	16.97	16.99	16.90		
3	256QAM	8	7	17.05	17.13	16.95		
3	256QAM	15	0	17.03	17.07	17.08		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	19.10	19.13	19.00	20.3	0
1.4	QPSK	1	3	19.07	18.98	19.01		
1.4	QPSK	1	5	18.91	18.97	18.93		
1.4	QPSK	3	0	19.08	19.08	19.10		
1.4	QPSK	3	1	18.91	19.05	19.02		
1.4	QPSK	3	3	19.07	19.00	18.95		
1.4	QPSK	6	0	18.95	19.10	19.05	20.3	0
1.4	16QAM	1	0	18.97	19.12	18.94	20.3	0
1.4	16QAM	1	3	19.04	19.15	19.06		
1.4	16QAM	1	5	18.91	19.07	18.98		
1.4	16QAM	3	0	19.01	18.97	18.95		
1.4	16QAM	3	1	18.94	19.02	18.93		
1.4	16QAM	3	3	19.00	18.94	18.97		
1.4	16QAM	6	0	19.03	19.02	19.07	20.3	0
1.4	64QAM	1	0	19.05	19.05	19.00	20.3	0
1.4	64QAM	1	3	18.95	19.00	19.08		
1.4	64QAM	1	5	18.97	19.10	18.97		
1.4	64QAM	3	0	18.92	19.09	18.86		
1.4	64QAM	3	1	18.96	19.10	19.00		
1.4	64QAM	3	3	18.95	19.07	18.97		
1.4	64QAM	6	0	19.09	19.05	18.96	20.3	0
1.4	256QAM	1	0	16.99	17.22	17.12	18.3	2
1.4	256QAM	1	3	17.06	17.17	17.09		
1.4	256QAM	1	5	17.05	17.05	16.92		
1.4	256QAM	3	0	16.93	17.07	16.97		
1.4	256QAM	3	1	16.99	17.01	16.94		
1.4	256QAM	3	3	17.09	17.08	16.96		
1.4	256QAM	6	0	16.91	17.11	16.97	18.3	2

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		22.88		23.8	0
10	QPSK	1	25		22.78			
10	QPSK	1	49		22.85			
10	QPSK	25	0		22.53		23.3	0.5
10	QPSK	25	12		22.42			
10	QPSK	25	25		22.48			
10	QPSK	50	0		22.50			
10	16QAM	1	0		22.36		23.3	0.5
10	16QAM	1	25		22.45			
10	16QAM	1	49		22.60			
10	16QAM	25	0		21.94		22.8	1
10	16QAM	25	12		21.93			
10	16QAM	25	25		21.98			
10	16QAM	50	0		21.95			
10	64QAM	1	0		21.28		22.8	1
10	64QAM	1	25		21.44			
10	64QAM	1	49		21.49			
10	64QAM	25	0		20.85		21.8	2
10	64QAM	25	12		20.85			
10	64QAM	25	25		20.91			
10	64QAM	50	0		20.92			
10	256QAM	1	0		17.72		18.8	5
10	256QAM	1	25		17.71			
10	256QAM	1	49		17.71			
10	256QAM	25	0		17.70		18.8	5
10	256QAM	25	12		17.67			
10	256QAM	25	25		17.69			
10	256QAM	50	0		17.64			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.73	22.65	22.72	23.8	0
5	QPSK	1	12	22.84	22.86	22.85		
5	QPSK	1	24	22.80	22.77	22.71		
5	QPSK	12	0	22.50	22.41	22.40	23.3	0.5
5	QPSK	12	7	22.39	22.30	22.35		
5	QPSK	12	13	22.47	22.47	22.34		
5	QPSK	25	0	22.35	22.47	22.47		
5	16QAM	1	0	22.34	22.26	22.23	23.3	0.5
5	16QAM	1	12	22.30	22.38	22.34		
5	16QAM	1	24	22.59	22.48	22.58		
5	16QAM	12	0	21.84	21.84	21.89	22.8	1
5	16QAM	12	7	21.85	21.87	21.85		
5	16QAM	12	13	21.85	21.94	21.95		
5	16QAM	25	0	21.80	21.89	21.93		
5	64QAM	1	0	21.17	21.18	21.24	22.8	1
5	64QAM	1	12	21.33	21.41	21.35		
5	64QAM	1	24	21.38	21.42	21.34		
5	64QAM	12	0	20.82	20.82	20.75	21.8	2
5	64QAM	12	7	20.79	20.70	20.74		
5	64QAM	12	13	20.76	20.77	20.78		
5	64QAM	25	0	20.90	20.87	20.82		
5	256QAM	1	0	17.66	17.70	17.60	18.8	5
5	256QAM	1	12	17.63	17.61	17.63		
5	256QAM	1	24	17.66	17.61	17.63		
5	256QAM	12	0	17.63	17.64	17.67	18.8	5
5	256QAM	12	7	17.66	17.60	17.56		
5	256QAM	12	13	17.67	17.58	17.66		
5	256QAM	25	0	17.51	17.52	17.63		

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		19.18		20.3	0
10	QPSK	1	25		19.03			
10	QPSK	1	49		19.14			
10	QPSK	25	0		19.15		20.3	0
10	QPSK	25	12		19.04			
10	QPSK	25	25		19.12			
10	QPSK	50	0		19.13			
10	16QAM	1	0		19.12		20.3	0
10	16QAM	1	25		19.16			
10	16QAM	1	49		19.07			
10	16QAM	25	0		19.07		20.3	0
10	16QAM	25	12		19.15			
10	16QAM	25	25		19.03			
10	16QAM	50	0		19.03			
10	64QAM	1	0		19.16		20.3	0
10	64QAM	1	25		19.03			
10	64QAM	1	49		19.07			
10	64QAM	25	0		19.12		20.3	0
10	64QAM	25	12		19.12			
10	64QAM	25	25		19.07			
10	64QAM	50	0		19.06			
10	256QAM	1	0		17.22		18.3	2
10	256QAM	1	25		17.17			
10	256QAM	1	49		17.18			
10	256QAM	25	0		17.09		18.3	2
10	256QAM	25	12		17.09			
10	256QAM	25	25		17.14			
10	256QAM	50	0		17.20			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	19.04	19.16	19.08	20.3	0
5	QPSK	1	12	18.91	18.95	18.94		
5	QPSK	1	24	19.13	19.07	19.08		
5	QPSK	12	0	19.01	19.12	19.13	20.3	0
5	QPSK	12	7	18.94	19.00	19.03		
5	QPSK	12	13	18.99	19.10	19.09		
5	QPSK	25	0	19.00	19.10	19.10		
5	16QAM	1	0	19.05	19.05	19.07	20.3	0
5	16QAM	1	12	19.09	19.04	19.06		
5	16QAM	1	24	19.02	18.96	19.01		
5	16QAM	12	0	18.92	19.04	19.05	20.3	0
5	16QAM	12	7	19.13	19.02	19.13		
5	16QAM	12	13	18.99	18.92	18.95		
5	16QAM	25	0	18.88	18.93	18.95		
5	64QAM	1	0	19.11	19.13	19.02	20.3	0
5	64QAM	1	12	18.90	18.95	18.90		
5	64QAM	1	24	18.99	18.94	18.94		
5	64QAM	12	0	18.98	19.07	19.10	20.3	0
5	64QAM	12	7	18.98	19.04	19.01		
5	64QAM	12	13	18.98	18.97	19.00		
5	64QAM	25	0	19.05	19.05	18.99		
5	256QAM	1	0	17.13	17.08	17.20	18.3	2
5	256QAM	1	12	17.10	17.12	17.06		
5	256QAM	1	24	17.17	17.05	17.11		
5	256QAM	12	0	17.06	17.02	16.95	18.3	2
5	256QAM	12	7	17.01	17.04	17.07		
5	256QAM	12	13	17.01	17.05	17.02		
5	256QAM	25	0	17.10	17.14	17.14		

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	22.93	22.96	22.91	23.8	0
10	QPSK	1	25	22.88	22.84	22.82		
10	QPSK	1	49	22.85	22.91	22.87		
10	QPSK	25	0	22.38	22.42	22.40	23.3	0.5
10	QPSK	25	12	22.35	22.40	22.37		
10	QPSK	25	25	22.37	22.34	22.38		
10	QPSK	50	0	22.34	22.40	22.38		
10	16QAM	1	0	22.61	22.65	22.72	23.3	0.5
10	16QAM	1	25	22.52	22.57	22.70		
10	16QAM	1	49	22.58	22.76	22.65		
10	16QAM	25	0	21.80	21.72	21.85	22.8	1
10	16QAM	25	12	21.84	21.82	21.85		
10	16QAM	25	25	21.79	21.88	21.87		
10	16QAM	50	0	21.82	21.79	21.89		
10	64QAM	1	0	21.62	21.59	21.64	22.8	1
10	64QAM	1	25	21.64	21.50	21.50		
10	64QAM	1	49	21.73	21.66	21.60		
10	64QAM	25	0	20.85	20.77	20.93	21.8	2
10	64QAM	25	12	20.86	20.88	20.89		
10	64QAM	25	25	20.91	20.84	20.90		
10	64QAM	50	0	20.82	20.81	20.86		
10	256QAM	1	0	17.77	17.86	17.85	18.8	5
10	256QAM	1	25	17.72	17.76	17.61		
10	256QAM	1	49	17.62	17.76	17.69		
10	256QAM	25	0	17.72	17.82	17.78	18.8	5
10	256QAM	25	12	17.59	17.72	17.65		
10	256QAM	25	25	17.67	17.74	17.70		
10	256QAM	50	0	17.65	17.74	17.70		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.77	22.71	22.77	23.8	0
5	QPSK	1	12	22.89	22.93	22.77		
5	QPSK	1	24	22.73	22.87	22.81		
5	QPSK	12	0	22.28	22.36	22.38	23.3	0.5
5	QPSK	12	7	22.31	22.37	22.32		
5	QPSK	12	13	22.35	22.22	22.34		
5	QPSK	25	0	22.24	22.27	22.32		
5	16QAM	1	0	22.56	22.62	22.70	23.3	0.5
5	16QAM	1	12	22.39	22.46	22.57		
5	16QAM	1	24	22.51	22.63	22.58		
5	16QAM	12	0	21.72	21.58	21.76	22.8	1
5	16QAM	12	7	21.70	21.74	21.80		
5	16QAM	12	13	21.77	21.83	21.73		
5	16QAM	25	0	21.70	21.73	21.78		
5	64QAM	1	0	21.49	21.53	21.59	22.8	1
5	64QAM	1	12	21.52	21.46	21.35		
5	64QAM	1	24	21.68	21.62	21.49		
5	64QAM	12	0	20.77	20.62	20.82	21.8	2
5	64QAM	12	7	20.84	20.80	20.79		
5	64QAM	12	13	20.81	20.69	20.82		
5	64QAM	25	0	20.69	20.78	20.80		
5	256QAM	1	0	17.64	17.71	17.70	18.8	5
5	256QAM	1	12	17.63	17.67	17.50		
5	256QAM	1	24	17.59	17.67	17.65		
5	256QAM	12	0	17.66	17.79	17.77	18.8	5
5	256QAM	12	7	17.44	17.61	17.54		
5	256QAM	12	13	17.66	17.62	17.68		
5	256QAM	25	0	17.61	17.69	17.68		

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	19.22	19.30	19.27	20.3	0
10	QPSK	1	25	19.14	19.27	19.16		
10	QPSK	1	49	19.13	19.15	19.17		
10	QPSK	25	0	19.17	19.27	19.25	20.3	0
10	QPSK	25	12	19.13	19.21	19.15		
10	QPSK	25	25	19.09	19.22	19.22		
10	QPSK	50	0	19.15	19.24	19.16		
10	16QAM	1	0	19.17	19.26	19.21	20.3	0
10	16QAM	1	25	19.09	19.21	19.25		
10	16QAM	1	49	19.13	19.25	19.14		
10	16QAM	25	0	19.14	19.25	19.21	20.3	0
10	16QAM	25	12	19.10	19.15	19.12		
10	16QAM	25	25	19.08	19.17	19.25		
10	16QAM	50	0	19.08	19.18	19.25		
10	64QAM	1	0	19.17	19.25	19.24	20.3	0
10	64QAM	1	25	19.16	19.28	19.17		
10	64QAM	1	49	19.15	19.18	19.20		
10	64QAM	25	0	19.10	19.19	19.14	20.3	0
10	64QAM	25	12	19.16	19.19	19.23		
10	64QAM	25	25	19.12	19.17	19.25		
10	64QAM	50	0	19.15	19.19	19.22		
10	256QAM	1	0	17.37	17.38	17.24	18.3	2
10	256QAM	1	25	17.16	17.25	17.15		
10	256QAM	1	49	17.16	17.24	17.18		
10	256QAM	25	0	17.19	17.31	17.28	18.3	2
10	256QAM	25	12	17.33	17.36	17.27		
10	256QAM	25	25	17.19	17.34	17.20		
10	256QAM	50	0	17.20	17.34	17.26		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	19.18	19.23	19.17	20.3	0
5	QPSK	1	12	19.04	19.21	19.07		
5	QPSK	1	24	19.12	19.02	19.15		
5	QPSK	12	0	19.15	19.24	19.18	20.3	0
5	QPSK	12	7	19.00	19.11	19.06		
5	QPSK	12	13	18.99	19.10	19.13		
5	QPSK	25	0	19.05	19.14	19.12		
5	16QAM	1	0	19.02	19.12	19.15	20.3	0
5	16QAM	1	12	18.94	19.14	19.14		
5	16QAM	1	24	19.02	19.12	19.10		
5	16QAM	12	0	19.13	19.15	19.07	20.3	0
5	16QAM	12	7	18.99	19.11	19.06		
5	16QAM	12	13	18.93	19.12	19.17		
5	16QAM	25	0	18.99	19.05	19.13		
5	64QAM	1	0	19.07	19.21	19.22	20.3	0
5	64QAM	1	12	19.06	19.17	19.14		
5	64QAM	1	24	19.01	19.13	19.19		
5	64QAM	12	0	19.02	19.04	19.02	20.3	0
5	64QAM	12	7	19.06	19.05	19.15		
5	64QAM	12	13	19.02	19.08	19.12		
5	64QAM	25	0	19.02	19.16	19.13		
5	256QAM	1	0	17.27	17.28	17.14	18.3	2
5	256QAM	1	12	17.02	17.19	17.05		
5	256QAM	1	24	17.06	17.17	17.12		
5	256QAM	12	0	17.06	17.21	17.14	18.3	2
5	256QAM	12	7	17.30	17.22	17.24		
5	256QAM	12	13	17.17	17.31	17.16		
5	256QAM	25	0	17.07	17.25	17.12		

Band 26(FCC)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.17	24.20	24.10	25	0
15	QPSK	1	37	24.10	24.06	24.09		
15	QPSK	1	74	24.15	24.03	23.99		
15	QPSK	36	0	23.65	23.67	23.60	24.5	0.5
15	QPSK	36	20	23.60	23.56	23.56		
15	QPSK	36	39	23.59	23.52	23.54		
15	QPSK	75	0	23.55	23.61	23.55		
15	16QAM	1	0	23.62	23.90	23.65	24.5	0.5
15	16QAM	1	37	23.81	23.87	23.60		
15	16QAM	1	74	23.66	23.82	23.61		
15	16QAM	36	0	23.16	23.01	23.06	24	1
15	16QAM	36	20	23.15	23.05	23.15		
15	16QAM	36	39	23.10	23.01	23.01		
15	16QAM	75	0	23.12	23.07	23.09		
15	64QAM	1	0	22.71	22.93	22.96	24	1
15	64QAM	1	37	23.00	22.95	22.92		
15	64QAM	1	74	22.75	22.89	22.88		
15	64QAM	36	0	22.18	22.04	22.09	23	2
15	64QAM	36	20	22.09	22.05	22.10		
15	64QAM	36	39	22.17	22.04	22.04		
15	64QAM	75	0	22.07	21.94	22.00		
15	256QAM	1	0	19.05	19.08	19.05	20	5
15	256QAM	1	37	18.82	18.95	18.88		
15	256QAM	1	74	18.86	18.93	18.87		
15	256QAM	36	0	18.91	18.98	18.95	20	5
15	256QAM	36	20	18.89	19.03	18.91		
15	256QAM	36	39	18.89	18.94	18.90		
15	256QAM	75	0	18.92	18.98	18.97		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.00	24.00	23.89	25	0
10	QPSK	1	25	24.06	24.12	23.99		
10	QPSK	1	49	24.02	23.92	23.85		
10	QPSK	25	0	23.45	23.58	23.46	24.5	0.5
10	QPSK	25	12	23.40	23.44	23.46		
10	QPSK	25	25	23.45	23.45	23.41		
10	QPSK	50	0	23.44	23.43	23.38		
10	16QAM	1	0	23.53	23.77	23.50	24.5	0.5
10	16QAM	1	25	23.61	23.81	23.52		
10	16QAM	1	49	23.48	23.72	23.50		
10	16QAM	25	0	23.04	22.87	22.97	24	1
10	16QAM	25	12	22.99	22.85	22.96		
10	16QAM	25	25	22.90	22.94	22.82		
10	16QAM	50	0	22.98	22.87	23.01		
10	64QAM	1	0	22.58	22.85	22.84	24	1
10	64QAM	1	25	22.84	22.86	22.73		
10	64QAM	1	49	22.55	22.75	22.74		
10	64QAM	25	0	22.01	21.94	21.89	23	2
10	64QAM	25	12	21.98	21.99	21.91		
10	64QAM	25	25	22.09	21.91	21.89		
10	64QAM	50	0	21.98	21.81	21.93		
10	256QAM	1	0	19.00	18.97	18.96	20	5
10	256QAM	1	25	18.72	18.91	18.77		
10	256QAM	1	49	18.72	18.82	18.74		
10	256QAM	25	0	18.77	18.89	18.90	20	5
10	256QAM	25	12	18.83	19.02	18.88		
10	256QAM	25	25	18.84	18.87	18.84		
10	256QAM	50	0	18.88	18.83	18.91		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.04	23.96	23.99	25	0
5	QPSK	1	12	23.97	24.12	24.03		
5	QPSK	1	24	23.97	23.95	23.91		
5	QPSK	12	0	23.49	23.58	23.48	24.5	0.5
5	QPSK	12	7	23.52	23.42	23.45		
5	QPSK	12	13	23.50	23.44	23.47		
5	QPSK	25	0	23.49	23.51	23.44		
5	16QAM	1	0	23.50	23.77	23.56	24.5	0.5
5	16QAM	1	12	23.71	23.78	23.52		
5	16QAM	1	24	23.54	23.65	23.41		
5	16QAM	12	0	23.06	22.91	22.97	24	1
5	16QAM	12	7	22.97	22.88	23.02		
5	16QAM	12	13	22.90	22.94	22.81		
5	16QAM	25	0	23.03	22.87	22.96		
5	64QAM	1	0	22.51	22.83	22.81	24	1
5	64QAM	1	12	22.87	22.86	22.81		
5	64QAM	1	24	22.55	22.75	22.80		
5	64QAM	12	0	22.01	21.87	21.96	23	2
5	64QAM	12	7	21.91	21.93	22.03		
5	64QAM	12	13	21.99	21.91	21.98		
5	64QAM	25	0	21.96	21.85	21.88		
5	256QAM	1	0	18.93	19.02	18.92	20	5
5	256QAM	1	12	18.72	18.89	18.77		
5	256QAM	1	24	18.81	18.79	18.80		
5	256QAM	12	0	18.80	18.87	18.82	20	5
5	256QAM	12	7	18.76	18.97	18.87		
5	256QAM	12	13	18.79	18.93	18.83		
5	256QAM	25	0	18.89	18.97	18.84		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.91	23.87	23.94	25	0
3	QPSK	1	8	24.08	24.00	23.94		
3	QPSK	1	14	23.98	23.96	23.81		
3	QPSK	8	0	23.55	23.58	23.46	24.5	0.5
3	QPSK	8	4	23.42	23.39	23.42		
3	QPSK	8	7	23.52	23.46	23.36		
3	QPSK	15	0	23.47	23.44	23.45		
3	16QAM	1	0	23.53	23.83	23.57	24.5	0.5
3	16QAM	1	8	23.61	23.70	23.40		
3	16QAM	1	14	23.59	23.66	23.46		
3	16QAM	8	0	23.09	22.92	22.94	24	1
3	16QAM	8	4	22.98	22.99	22.96		
3	16QAM	8	7	23.01	22.85	22.91		
3	16QAM	15	0	22.92	22.87	22.97		
3	64QAM	1	0	22.53	22.74	22.89	24	1
3	64QAM	1	8	22.89	22.83	22.85		
3	64QAM	1	14	22.63	22.77	22.77		
3	64QAM	8	0	22.05	21.88	21.94	23	2
3	64QAM	8	4	21.96	21.99	21.96		
3	64QAM	8	7	22.02	21.96	21.89		
3	64QAM	15	0	22.03	21.90	21.95		
3	256QAM	1	0	19.04	19.03	18.96	20	5
3	256QAM	1	8	18.71	18.80	18.78		
3	256QAM	1	14	18.71	18.79	18.86		
3	256QAM	8	0	18.82	18.86	18.89	20	5
3	256QAM	8	4	18.79	18.92	18.78		
3	256QAM	8	7	18.79	18.88	18.77		
3	256QAM	15	0	18.80	18.86	18.95		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.00	23.90	24.02	25	0
1.4	QPSK	1	3	24.05	24.14	24.00		
1.4	QPSK	1	5	24.08	23.86	23.81		
1.4	QPSK	3	0	24.00	23.96	23.93		
1.4	QPSK	3	1	24.09	24.04	23.95		
1.4	QPSK	3	3	24.01	23.95	23.83		
1.4	QPSK	6	0	23.37	23.51	23.39	24.5	0.5
1.4	16QAM	1	0	23.51	23.71	23.47	24.5	0.5
1.4	16QAM	1	3	23.73	23.69	23.50		
1.4	16QAM	1	5	23.55	23.70	23.41		
1.4	16QAM	3	0	23.51	23.74	23.53		
1.4	16QAM	3	1	23.72	23.78	23.45		
1.4	16QAM	3	3	23.55	23.72	23.51		
1.4	16QAM	6	0	23.01	22.88	22.89	24	1
1.4	64QAM	1	0	22.64	22.74	22.83	24	1
1.4	64QAM	1	3	22.81	22.88	22.77		
1.4	64QAM	1	5	22.59	22.75	22.82		
1.4	64QAM	3	0	22.55	22.86	22.77		
1.4	64QAM	3	1	22.91	22.75	22.86		
1.4	64QAM	3	3	22.64	22.69	22.70		
1.4	64QAM	6	0	22.00	21.81	21.87	23	2
1.4	256QAM	1	0	18.99	18.99	19.02	20	5
1.4	256QAM	1	3	18.81	18.87	18.79		
1.4	256QAM	1	5	18.78	18.78	18.86		
1.4	256QAM	3	0	18.85	18.96	18.93		
1.4	256QAM	3	1	18.78	18.96	18.82		
1.4	256QAM	3	3	18.74	18.91	18.83		
1.4	256QAM	6	0	18.86	18.97	18.95	20	5

Band 26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	19.52	19.55	19.50	20.5	0
15	QPSK	1	37	19.43	19.41	19.44		
15	QPSK	1	74	19.46	19.44	19.48		
15	QPSK	36	0	19.50	19.54	19.43	20.5	0
15	QPSK	36	20	19.46	19.53	19.40		
15	QPSK	36	39	19.47	19.45	19.35		
15	QPSK	75	0	19.43	19.48	19.39		
15	16QAM	1	0	19.38	19.47	19.48	20.5	0
15	16QAM	1	37	19.45	19.40	19.36		
15	16QAM	1	74	19.39	19.54	19.46		
15	16QAM	36	0	19.50	19.52	19.49	20.5	0
15	16QAM	36	20	19.37	19.51	19.38		
15	16QAM	36	39	19.50	19.41	19.37		
15	16QAM	75	0	19.43	19.44	19.41		
15	64QAM	1	0	19.47	19.48	19.38	20.5	0
15	64QAM	1	37	19.46	19.44	19.41		
15	64QAM	1	74	19.50	19.43	19.49		
15	64QAM	36	0	19.38	19.46	19.36	20.5	0
15	64QAM	36	20	19.44	19.50	19.46		
15	64QAM	36	39	19.47	19.47	19.39		
15	64QAM	75	0	19.42	19.41	19.48		
15	256QAM	1	0	18.63	18.77	18.62	19.5	1
15	256QAM	1	37	18.59	18.68	18.56		
15	256QAM	1	74	18.61	18.62	18.56		
15	256QAM	36	0	18.57	18.62	18.50	19.5	1
15	256QAM	36	20	18.65	18.69	18.64		
15	256QAM	36	39	18.49	18.63	18.61		
15	256QAM	75	0	18.61	18.66	18.55		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.48	19.42	19.39	20.5	0
10	QPSK	1	25	19.42	19.36	19.41		
10	QPSK	1	49	19.34	19.33	19.38		
10	QPSK	25	0	19.40	19.48	19.35	20.5	0
10	QPSK	25	12	19.37	19.50	19.29		
10	QPSK	25	25	19.35	19.42	19.27		
10	QPSK	50	0	19.35	19.34	19.30		
10	16QAM	1	0	19.35	19.38	19.41	20.5	0
10	16QAM	1	25	19.38	19.37	19.33		
10	16QAM	1	49	19.24	19.51	19.34		
10	16QAM	25	0	19.42	19.46	19.48	20.5	0
10	16QAM	25	12	19.28	19.38	19.23		
10	16QAM	25	25	19.43	19.38	19.29		
10	16QAM	50	0	19.36	19.34	19.32		
10	64QAM	1	0	19.33	19.35	19.27	20.5	0
10	64QAM	1	25	19.33	19.35	19.32		
10	64QAM	1	49	19.46	19.37	19.34		
10	64QAM	25	0	19.36	19.37	19.21	20.5	0
10	64QAM	25	12	19.43	19.42	19.31		
10	64QAM	25	25	19.44	19.37	19.25		
10	64QAM	50	0	19.32	19.26	19.43		
10	256QAM	1	0	18.54	18.64	18.59	19.5	1
10	256QAM	1	25	18.53	18.62	18.43		
10	256QAM	1	49	18.54	18.55	18.54		
10	256QAM	25	0	18.55	18.53	18.46	19.5	1
10	256QAM	25	12	18.61	18.66	18.59		
10	256QAM	25	25	18.48	18.62	18.52		
10	256QAM	50	0	18.59	18.59	18.52		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.45	19.50	19.49	20.5	0
5	QPSK	1	12	19.33	19.32	19.32		
5	QPSK	1	24	19.38	19.42	19.34		
5	QPSK	12	0	19.35	19.47	19.31	20.5	0
5	QPSK	12	7	19.32	19.49	19.26		
5	QPSK	12	13	19.44	19.31	19.20		
5	QPSK	25	0	19.32	19.43	19.33		
5	16QAM	1	0	19.26	19.45	19.39	20.5	0
5	16QAM	1	12	19.43	19.28	19.33		
5	16QAM	1	24	19.38	19.51	19.34		
5	16QAM	12	0	19.39	19.38	19.46	20.5	0
5	16QAM	12	7	19.27	19.49	19.35		
5	16QAM	12	13	19.35	19.38	19.33		
5	16QAM	25	0	19.30	19.31	19.32		
5	64QAM	1	0	19.32	19.40	19.36	20.5	0
5	64QAM	1	12	19.36	19.31	19.33		
5	64QAM	1	24	19.48	19.28	19.44		
5	64QAM	12	0	19.35	19.45	19.31	20.5	0
5	64QAM	12	7	19.29	19.43	19.43		
5	64QAM	12	13	19.41	19.44	19.24		
5	64QAM	25	0	19.40	19.28	19.42		
5	256QAM	1	0	18.59	18.74	18.60	19.5	1
5	256QAM	1	12	18.54	18.64	18.55		
5	256QAM	1	24	18.55	18.49	18.52		
5	256QAM	12	0	18.53	18.52	18.46	19.5	1
5	256QAM	12	7	18.50	18.62	18.52		
5	256QAM	12	13	18.45	18.53	18.57		
5	256QAM	25	0	18.58	18.55	18.45		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.45	19.40	19.49	20.5	0
3	QPSK	1	8	19.36	19.29	19.42		
3	QPSK	1	14	19.38	19.32	19.37		
3	QPSK	8	0	19.35	19.46	19.32	20.5	0
3	QPSK	8	4	19.35	19.46	19.36		
3	QPSK	8	7	19.42	19.36	19.32		
3	QPSK	15	0	19.28	19.37	19.35		
3	16QAM	1	0	19.33	19.42	19.38	20.5	0
3	16QAM	1	8	19.30	19.34	19.34		
3	16QAM	1	14	19.29	19.46	19.39		
3	16QAM	8	0	19.37	19.39	19.47	20.5	0
3	16QAM	8	4	19.24	19.44	19.31		
3	16QAM	8	7	19.46	19.38	19.26		
3	16QAM	15	0	19.28	19.31	19.34		
3	64QAM	1	0	19.33	19.33	19.30	20.5	0
3	64QAM	1	8	19.39	19.43	19.35		
3	64QAM	1	14	19.44	19.31	19.44		
3	64QAM	8	0	19.26	19.31	19.28	20.5	0
3	64QAM	8	4	19.36	19.40	19.31		
3	64QAM	8	7	19.39	19.35	19.31		
3	64QAM	15	0	19.40	19.26	19.46		
3	256QAM	1	0	18.49	18.74	18.56	19.5	1
3	256QAM	1	8	18.46	18.54	18.53		
3	256QAM	1	14	18.56	18.61	18.42		
3	256QAM	8	0	18.54	18.60	18.45	19.5	1
3	256QAM	8	4	18.64	18.63	18.56		
3	256QAM	8	7	18.35	18.51	18.57		
3	256QAM	15	0	18.50	18.62	18.53		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.38	19.49	19.43	20.5	0
1.4	QPSK	1	3	19.33	19.35	19.36		
1.4	QPSK	1	5	19.44	19.35	19.42		
1.4	QPSK	3	0	19.39	19.41	19.34		
1.4	QPSK	3	1	19.31	19.52	19.31		
1.4	QPSK	3	3	19.45	19.44	19.32		
1.4	QPSK	6	0	19.42	19.38	19.25	20.5	0
1.4	16QAM	1	0	19.30	19.36	19.46	20.5	0
1.4	16QAM	1	3	19.42	19.30	19.29		
1.4	16QAM	1	5	19.27	19.49	19.38		
1.4	16QAM	3	0	19.44	19.50	19.36		
1.4	16QAM	3	1	19.27	19.41	19.25		
1.4	16QAM	3	3	19.36	19.27	19.24		
1.4	16QAM	6	0	19.28	19.43	19.33	20.5	0
1.4	64QAM	1	0	19.43	19.39	19.25	20.5	0
1.4	64QAM	1	3	19.45	19.37	19.32		
1.4	64QAM	1	5	19.40	19.41	19.42		
1.4	64QAM	3	0	19.27	19.38	19.30		
1.4	64QAM	3	1	19.37	19.36	19.42		
1.4	64QAM	3	3	19.45	19.33	19.28		
1.4	64QAM	6	0	19.27	19.37	19.42	20.5	0
1.4	256QAM	1	0	18.57	18.67	18.59	19.5	1
1.4	256QAM	1	3	18.58	18.62	18.44		
1.4	256QAM	1	5	18.56	18.52	18.50		
1.4	256QAM	3	0	18.44	18.59	18.36		
1.4	256QAM	3	1	18.55	18.57	18.59		
1.4	256QAM	3	3	18.45	18.58	18.49		
1.4	256QAM	6	0	18.49	18.60	18.51	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.25	24.30	24.22	25	0
20	QPSK	1	49	24.22	24.25	24.15		
20	QPSK	1	99	24.07	24.10	23.92		
20	QPSK	50	0	23.35	23.40	23.37	24.5	0.5
20	QPSK	50	24	23.32	23.32	23.26		
20	QPSK	50	50	23.26	23.28	23.20		
20	QPSK	100	0	23.23	23.32	23.25		
20	16QAM	1	0	23.80	23.83	23.79	24.5	0.5
20	16QAM	1	49	23.71	23.79	23.73		
20	16QAM	1	99	23.73	23.71	23.64		
20	16QAM	50	0	22.79	22.80	22.84	24	1
20	16QAM	50	24	22.78	22.72	22.82		
20	16QAM	50	50	22.74	22.70	22.68		
20	16QAM	100	0	22.75	22.76	22.70		
20	64QAM	1	0	22.96	22.88	22.83	24	1
20	64QAM	1	49	22.90	22.76	22.74		
20	64QAM	1	99	22.90	22.77	22.82		
20	64QAM	50	0	22.23	22.32	22.28	23	2
20	64QAM	50	24	22.35	22.29	22.24		
20	64QAM	50	50	22.21	22.25	22.17		
20	64QAM	100	0	22.26	22.24	22.32		
20	256QAM	1	0	19.07	19.10	19.07	20	5
20	256QAM	1	49	18.91	18.95	18.92		
20	256QAM	1	99	18.91	19.04	19.01		
20	256QAM	50	0	18.96	19.06	18.91	20	5
20	256QAM	50	24	18.95	18.96	18.92		
20	256QAM	50	50	18.93	19.04	18.97		
20	256QAM	100	0	18.84	18.95	18.92		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.19	24.20	24.14	25	0
15	QPSK	1	37	24.14	24.23	24.08		
15	QPSK	1	74	24.06	23.95	23.90		
15	QPSK	36	0	23.25	23.30	23.25	24.5	0.5
15	QPSK	36	20	23.24	23.19	23.25		
15	QPSK	36	39	23.19	23.25	23.08		
15	QPSK	75	0	23.16	23.17	23.10		
15	16QAM	1	0	23.97	23.94	23.98	24.5	0.5
15	16QAM	1	37	23.81	23.87	23.90		
15	16QAM	1	74	23.78	23.82	23.76		
15	16QAM	36	0	22.78	22.75	22.71	24	1
15	16QAM	36	20	22.65	22.66	22.75		
15	16QAM	36	39	22.72	22.58	22.55		
15	16QAM	75	0	22.68	22.67	22.58		
15	64QAM	1	0	22.83	22.75	22.76	24	1
15	64QAM	1	37	22.81	22.70	22.62		
15	64QAM	1	74	22.76	22.70	22.67		
15	64QAM	36	0	22.15	22.18	22.21	23	2
15	64QAM	36	20	22.23	22.25	22.21		
15	64QAM	36	39	22.09	22.22	22.12		
15	64QAM	75	0	22.18	22.18	22.22		
15	256QAM	1	0	19.02	19.00	18.95	20	5
15	256QAM	1	37	18.81	18.91	18.88		
15	256QAM	1	74	18.82	19.01	18.96		
15	256QAM	36	0	18.90	18.99	18.90	20	5
15	256QAM	36	20	18.92	18.87	18.86		
15	256QAM	36	39	18.79	18.91	18.94		
15	256QAM	75	0	18.75	18.85	18.80		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.11	24.11	24.04	25	0
10	QPSK	1	25	24.23	24.28	24.19		
10	QPSK	1	49	23.93	24.02	23.83		
10	QPSK	25	0	23.21	23.32	23.26	24.5	0.5
10	QPSK	25	12	23.20	23.31	23.21		
10	QPSK	25	25	23.23	23.22	23.09		
10	QPSK	50	0	23.14	23.24	23.11		
10	16QAM	1	0	23.88	23.96	23.92	24.5	0.5
10	16QAM	1	25	23.82	23.97	23.86		
10	16QAM	1	49	23.82	23.76	23.76		
10	16QAM	25	0	22.77	22.75	22.78	24	1
10	16QAM	25	12	22.65	22.59	22.79		
10	16QAM	25	25	22.59	22.67	22.62		
10	16QAM	50	0	22.69	22.67	22.69		
10	64QAM	1	0	22.88	22.80	22.73	24	1
10	64QAM	1	25	22.78	22.63	22.59		
10	64QAM	1	49	22.82	22.74	22.70		
10	64QAM	25	0	22.11	22.24	22.26	23	2
10	64QAM	25	12	22.21	22.23	22.16		
10	64QAM	25	25	22.08	22.16	22.04		
10	64QAM	50	0	22.14	22.11	22.31		
10	256QAM	1	0	18.94	18.99	19.03	20	5
10	256QAM	1	25	18.79	18.86	18.79		
10	256QAM	1	49	18.78	19.03	18.89		
10	256QAM	25	0	18.90	18.98	18.78	20	5
10	256QAM	25	12	18.87	18.95	18.79		
10	256QAM	25	25	18.89	18.92	18.82		
10	256QAM	50	0	18.73	18.88	18.84		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.18	24.15	24.03	25	0
5	QPSK	1	12	24.11	24.19	24.20		
5	QPSK	1	24	23.97	23.95	23.83		
5	QPSK	12	0	23.29	23.35	23.23	24.5	0.5
5	QPSK	12	7	23.24	23.29	23.19		
5	QPSK	12	13	23.11	23.13	23.07		
5	QPSK	25	0	23.15	23.22	23.16		
5	16QAM	1	0	23.99	24.02	23.86	24.5	0.5
5	16QAM	1	12	23.77	23.96	23.81		
5	16QAM	1	24	23.85	23.77	23.80		
5	16QAM	12	0	22.78	22.72	22.81	24	1
5	16QAM	12	7	22.66	22.71	22.70		
5	16QAM	12	13	22.69	22.59	22.67		
5	16QAM	25	0	22.67	22.73	22.66		
5	64QAM	1	0	22.94	22.81	22.80	24	1
5	64QAM	1	12	22.76	22.74	22.64		
5	64QAM	1	24	22.89	22.67	22.70		
5	64QAM	12	0	22.21	22.28	22.15	23	2
5	64QAM	12	7	22.29	22.28	22.17		
5	64QAM	12	13	22.07	22.10	22.05		
5	64QAM	25	0	22.25	22.19	22.26		
5	256QAM	1	0	18.97	19.05	19.00	20	5
5	256QAM	1	12	18.83	18.92	18.80		
5	256QAM	1	24	18.76	18.95	18.92		
5	256QAM	12	0	18.89	18.97	18.80	20	5
5	256QAM	12	7	18.91	18.85	18.89		
5	256QAM	12	13	18.84	18.93	18.86		
5	256QAM	25	0	18.75	18.92	18.79		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.10	24.22	24.08	25	0
3	QPSK	1	8	24.21	24.23	24.09		
3	QPSK	1	14	23.96	24.07	23.90		
3	QPSK	8	0	23.31	23.39	23.24	24.5	0.5
3	QPSK	8	4	23.23	23.20	23.25		
3	QPSK	8	7	23.11	23.15	23.05		
3	QPSK	15	0	23.19	23.21	23.12		
3	16QAM	1	0	23.97	24.01	23.94	24.5	0.5
3	16QAM	1	8	23.86	23.90	23.85		
3	16QAM	1	14	23.87	23.76	23.83		
3	16QAM	8	0	22.76	22.70	22.77	24	1
3	16QAM	8	4	22.66	22.64	22.72		
3	16QAM	8	7	22.61	22.61	22.59		
3	16QAM	15	0	22.66	22.68	22.67		
3	64QAM	1	0	22.84	22.84	22.82	24	1
3	64QAM	1	8	22.89	22.64	22.68		
3	64QAM	1	14	22.77	22.74	22.78		
3	64QAM	8	0	22.15	22.26	22.19	23	2
3	64QAM	8	4	22.25	22.24	22.12		
3	64QAM	8	7	22.06	22.14	22.12		
3	64QAM	15	0	22.19	22.20	22.25		
3	256QAM	1	0	19.05	19.09	19.06	20	5
3	256QAM	1	8	18.85	18.85	18.87		
3	256QAM	1	14	18.86	19.00	18.88		
3	256QAM	8	0	18.92	19.05	18.85	20	5
3	256QAM	8	4	18.80	18.91	18.81		
3	256QAM	8	7	18.83	19.01	18.94		
3	256QAM	15	0	18.76	18.92	18.81		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.19	24.21	24.14	25	0
1.4	QPSK	1	3	24.16	24.19	24.18		
1.4	QPSK	1	5	23.93	23.96	23.82		
1.4	QPSK	3	0	24.20	24.13	24.04		
1.4	QPSK	3	1	24.15	24.22	24.21		
1.4	QPSK	3	3	23.97	24.08	23.83		
1.4	QPSK	6	0	23.16	23.17	23.24	24.5	0.5
1.4	16QAM	1	0	23.97	23.99	23.87	24.5	0.5
1.4	16QAM	1	3	23.78	23.86	23.79		
1.4	16QAM	1	5	23.82	23.76	23.73		
1.4	16QAM	3	0	23.90	23.95	23.89		
1.4	16QAM	3	1	23.80	23.93	23.87		
1.4	16QAM	3	3	23.78	23.76	23.82		
1.4	16QAM	6	0	22.73	22.64	22.57	24	1
1.4	64QAM	1	0	22.88	22.80	22.75	24	1
1.4	64QAM	1	3	22.81	22.64	22.64		
1.4	64QAM	1	5	22.88	22.64	22.77		
1.4	64QAM	3	0	22.90	22.74	22.73		
1.4	64QAM	3	1	22.89	22.66	22.68		
1.4	64QAM	3	3	22.81	22.63	22.69		
1.4	64QAM	6	0	22.16	22.22	22.26	23	2
1.4	256QAM	1	0	19.04	19.08	19.05	20	5
1.4	256QAM	1	3	18.90	18.94	18.91		
1.4	256QAM	1	5	18.82	19.02	18.95		
1.4	256QAM	3	0	18.84	19.04	18.77		
1.4	256QAM	3	1	18.91	18.84	18.83		
1.4	256QAM	3	3	18.82	18.90	18.95		
1.4	256QAM	6	0	18.81	18.86	18.84	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	15.42	15.50	15.45	16.1	0
20	QPSK	1	49	15.37	15.48	15.40		
20	QPSK	1	99	15.33	15.49	15.32		
20	QPSK	50	0	15.41	15.48	15.43	16.1	0
20	QPSK	50	24	15.40	15.40	15.33		
20	QPSK	50	50	15.31	15.40	15.36		
20	QPSK	100	0	15.29	15.45	15.40		
20	16QAM	1	0	15.40	15.46	15.34	16.1	0
20	16QAM	1	49	15.30	15.49	15.31		
20	16QAM	1	99	15.29	15.36	15.31		
20	16QAM	50	0	15.37	15.37	15.44	16.1	0
20	16QAM	50	24	15.30	15.42	15.31		
20	16QAM	50	50	15.36	15.39	15.42		
20	16QAM	100	0	15.39	15.38	15.42		
20	64QAM	1	0	15.32	15.44	15.43	16.1	0
20	64QAM	1	49	15.38	15.35	15.40		
20	64QAM	1	99	15.31	15.46	15.42		
20	64QAM	50	0	15.29	15.47	15.37	16.1	0
20	64QAM	50	24	15.30	15.39	15.33		
20	64QAM	50	50	15.31	15.44	15.36		
20	64QAM	100	0	15.39	15.42	15.36		
20	256QAM	1	0	15.31	15.47	15.43	16.1	0
20	256QAM	1	49	15.34	15.47	15.30		
20	256QAM	1	99	15.31	15.39	15.39		
20	256QAM	50	0	15.37	15.45	15.44	16.1	0
20	256QAM	50	24	15.27	15.38	15.33		
20	256QAM	50	50	15.36	15.43	15.32		
20	256QAM	100	0	15.27	15.35	15.38		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.29	15.47	15.34	16.1	0
15	QPSK	1	37	15.36	15.39	15.29		
15	QPSK	1	74	15.27	15.46	15.17		
15	QPSK	36	0	15.39	15.35	15.41	16.1	0
15	QPSK	36	20	15.28	15.28	15.30		
15	QPSK	36	39	15.20	15.28	15.21		
15	QPSK	75	0	15.25	15.36	15.38		
15	16QAM	1	0	15.27	15.36	15.31	16.1	0
15	16QAM	1	37	15.25	15.35	15.27		
15	16QAM	1	74	15.22	15.32	15.16		
15	16QAM	36	0	15.25	15.22	15.43	16.1	0
15	16QAM	36	20	15.25	15.33	15.24		
15	16QAM	36	39	15.24	15.30	15.34		
15	16QAM	75	0	15.26	15.27	15.36		
15	64QAM	1	0	15.30	15.38	15.41	16.1	0
15	64QAM	1	37	15.32	15.21	15.26		
15	64QAM	1	74	15.22	15.33	15.40		
15	64QAM	36	0	15.27	15.41	15.35	16.1	0
15	64QAM	36	20	15.24	15.36	15.19		
15	64QAM	36	39	15.21	15.43	15.24		
15	64QAM	75	0	15.26	15.41	15.28		
15	256QAM	1	0	15.22	15.40	15.33	16.1	0
15	256QAM	1	37	15.30	15.40	15.29		
15	256QAM	1	74	15.26	15.34	15.34		
15	256QAM	36	0	15.33	15.38	15.30	16.1	0
15	256QAM	36	20	15.16	15.29	15.26		
15	256QAM	36	39	15.32	15.29	15.27		
15	256QAM	75	0	15.17	15.22	15.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.39	15.38	15.42	16.1	0
10	QPSK	1	25	15.30	15.44	15.31		
10	QPSK	1	49	15.23	15.46	15.29		
10	QPSK	25	0	15.28	15.39	15.29	16.1	0
10	QPSK	25	12	15.25	15.39	15.28		
10	QPSK	25	25	15.20	15.29	15.35		
10	QPSK	50	0	15.24	15.39	15.28		
10	16QAM	1	0	15.35	15.34	15.33	16.1	0
10	16QAM	1	25	15.28	15.43	15.27		
10	16QAM	1	49	15.26	15.25	15.24		
10	16QAM	25	0	15.23	15.22	15.36	16.1	0
10	16QAM	25	12	15.16	15.33	15.21		
10	16QAM	25	25	15.32	15.26	15.34		
10	16QAM	50	0	15.30	15.28	15.31		
10	64QAM	1	0	15.27	15.33	15.40	16.1	0
10	64QAM	1	25	15.30	15.29	15.39		
10	64QAM	1	49	15.29	15.38	15.27		
10	64QAM	25	0	15.24	15.36	15.25	16.1	0
10	64QAM	25	12	15.24	15.38	15.32		
10	64QAM	25	25	15.18	15.36	15.33		
10	64QAM	50	0	15.37	15.30	15.29		
10	256QAM	1	0	15.27	15.35	15.41	16.1	0
10	256QAM	1	25	15.28	15.37	15.26		
10	256QAM	1	49	15.17	15.36	15.34		
10	256QAM	25	0	15.29	15.38	15.41	16.1	0
10	256QAM	25	12	15.20	15.29	15.26		
10	256QAM	25	25	15.35	15.31	15.19		
10	256QAM	50	0	15.20	15.27	15.24		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.35	15.48	15.32	16.1	0
5	QPSK	1	12	15.29	15.39	15.39		
5	QPSK	1	24	15.30	15.45	15.22		
5	QPSK	12	0	15.38	15.41	15.37	16.1	0
5	QPSK	12	7	15.37	15.36	15.20		
5	QPSK	12	13	15.22	15.37	15.29		
5	QPSK	25	0	15.19	15.30	15.36		
5	16QAM	1	0	15.32	15.39	15.27	16.1	0
5	16QAM	1	12	15.15	15.42	15.16		
5	16QAM	1	24	15.17	15.32	15.20		
5	16QAM	12	0	15.32	15.23	15.32	16.1	0
5	16QAM	12	7	15.23	15.35	15.28		
5	16QAM	12	13	15.31	15.33	15.28		
5	16QAM	25	0	15.29	15.35	15.32		
5	64QAM	1	0	15.27	15.34	15.38	16.1	0
5	64QAM	1	12	15.23	15.31	15.37		
5	64QAM	1	24	15.17	15.41	15.33		
5	64QAM	12	0	15.21	15.43	15.34	16.1	0
5	64QAM	12	7	15.26	15.38	15.23		
5	64QAM	12	13	15.23	15.37	15.22		
5	64QAM	25	0	15.32	15.30	15.27		
5	256QAM	1	0	15.30	15.42	15.40	16.1	0
5	256QAM	1	12	15.26	15.43	15.21		
5	256QAM	1	24	15.26	15.28	15.28		
5	256QAM	12	0	15.24	15.36	15.39	16.1	0
5	256QAM	12	7	15.21	15.28	15.26		
5	256QAM	12	13	15.21	15.32	15.21		
5	256QAM	25	0	15.20	15.28	15.24		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.41	15.36	15.44	16.1	0
3	QPSK	1	8	15.28	15.33	15.35		
3	QPSK	1	14	15.28	15.45	15.26		
3	QPSK	8	0	15.40	15.46	15.29	16.1	0
3	QPSK	8	4	15.34	15.25	15.26		
3	QPSK	8	7	15.16	15.27	15.27		
3	QPSK	15	0	15.14	15.36	15.29		
3	16QAM	1	0	15.36	15.41	15.21	16.1	0
3	16QAM	1	8	15.21	15.42	15.17		
3	16QAM	1	14	15.22	15.30	15.18		
3	16QAM	8	0	15.23	15.29	15.42	16.1	0
3	16QAM	8	4	15.21	15.36	15.19		
3	16QAM	8	7	15.33	15.28	15.27		
3	16QAM	15	0	15.30	15.37	15.39		
3	64QAM	1	0	15.28	15.39	15.39	16.1	0
3	64QAM	1	8	15.24	15.34	15.27		
3	64QAM	1	14	15.27	15.33	15.35		
3	64QAM	8	0	15.15	15.35	15.27	16.1	0
3	64QAM	8	4	15.18	15.29	15.30		
3	64QAM	8	7	15.20	15.35	15.32		
3	64QAM	15	0	15.27	15.40	15.25		
3	256QAM	1	0	15.21	15.44	15.42	16.1	0
3	256QAM	1	8	15.20	15.43	15.20		
3	256QAM	1	14	15.28	15.24	15.32		
3	256QAM	8	0	15.31	15.44	15.43	16.1	0
3	256QAM	8	4	15.14	15.28	15.19		
3	256QAM	8	7	15.22	15.42	15.25		
3	256QAM	15	0	15.15	15.21	15.27		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.31	15.47	15.30	16.1	0
1.4	QPSK	1	3	15.35	15.44	15.31		
1.4	QPSK	1	5	15.23	15.39	15.20		
1.4	QPSK	3	0	15.26	15.39	15.30		
1.4	QPSK	3	1	15.35	15.39	15.22		
1.4	QPSK	3	3	15.25	15.29	15.24		
1.4	QPSK	6	0	15.26	15.36	15.38	16.1	0
1.4	16QAM	1	0	15.32	15.37	15.19	16.1	0
1.4	16QAM	1	3	15.27	15.44	15.25		
1.4	16QAM	1	5	15.19	15.33	15.30		
1.4	16QAM	3	0	15.33	15.27	15.34		
1.4	16QAM	3	1	15.27	15.36	15.19		
1.4	16QAM	3	3	15.33	15.37	15.41		
1.4	16QAM	6	0	15.26	15.24	15.33	16.1	0
1.4	64QAM	1	0	15.18	15.41	15.32	16.1	0
1.4	64QAM	1	3	15.36	15.34	15.30		
1.4	64QAM	1	5	15.22	15.37	15.28		
1.4	64QAM	3	0	15.26	15.35	15.33		
1.4	64QAM	3	1	15.25	15.36	15.22		
1.4	64QAM	3	3	15.21	15.30	15.35		
1.4	64QAM	6	0	15.28	15.30	15.28	16.1	0
1.4	256QAM	1	0	15.21	15.36	15.35	16.1	0
1.4	256QAM	1	3	15.24	15.43	15.27		
1.4	256QAM	1	5	15.18	15.30	15.29		
1.4	256QAM	3	0	15.31	15.31	15.31		
1.4	256QAM	3	1	15.24	15.30	15.24		
1.4	256QAM	3	3	15.31	15.34	15.18		
1.4	256QAM	6	0	15.26	15.25	15.27	16.1	0

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BW [MHz]	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	19.62	19.65	19.66	20.4	0
20	QPSK	1	49	19.55	19.65	19.64		
20	QPSK	1	99	19.56	19.54	19.52		
20	QPSK	50	0	19.59	19.67	19.65	20.4	0
20	QPSK	50	24	19.51	19.65	19.62		
20	QPSK	50	50	19.55	19.54	19.54		
20	QPSK	100	0	19.49	19.56	19.52		
20	16QAM	1	0	19.60	19.60	19.53	20.4	0
20	16QAM	1	49	19.51	19.59	19.52		
20	16QAM	1	99	19.52	19.54	19.59		
20	16QAM	50	0	19.55	19.67	19.63	20.4	0
20	16QAM	50	24	19.61	19.64	19.51		
20	16QAM	50	50	19.51	19.67	19.58		
20	16QAM	100	0	19.51	19.56	19.51		
20	64QAM	1	0	19.48	19.61	19.64	20.4	0
20	64QAM	1	49	19.59	19.68	19.58		
20	64QAM	1	99	19.51	19.57	19.63		
20	64QAM	50	0	19.54	19.67	19.60	20.4	0
20	64QAM	50	24	19.49	19.55	19.57		
20	64QAM	50	50	19.49	19.63	19.62		
20	64QAM	100	0	19.60	19.63	19.58		
20	256QAM	1	0	18.62	18.68	18.61	19.4	1
20	256QAM	1	49	18.65	18.64	18.58		
20	256QAM	1	99	18.59	18.68	18.62		
20	256QAM	50	0	18.57	18.65	18.68	19.4	1
20	256QAM	50	24	18.63	18.66	18.59		
20	256QAM	50	50	18.55	18.63	18.61		
20	256QAM	100	0	18.59	18.68	18.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.61	19.54	19.55	20.4	0
15	QPSK	1	37	19.43	19.55	19.56		
15	QPSK	1	74	19.53	19.42	19.46		
15	QPSK	36	0	19.52	19.53	19.52	20.4	0
15	QPSK	36	20	19.36	19.64	19.50		
15	QPSK	36	39	19.43	19.39	19.44		
15	QPSK	75	0	19.45	19.43	19.43		
15	16QAM	1	0	19.46	19.45	19.38	20.4	0
15	16QAM	1	37	19.48	19.49	19.47		
15	16QAM	1	74	19.44	19.42	19.49		
15	16QAM	36	0	19.44	19.59	19.55	20.4	0
15	16QAM	36	20	19.46	19.52	19.45		
15	16QAM	36	39	19.46	19.54	19.57		
15	16QAM	75	0	19.46	19.43	19.46		
15	64QAM	1	0	19.40	19.53	19.60	20.4	0
15	64QAM	1	37	19.49	19.58	19.56		
15	64QAM	1	74	19.44	19.50	19.54		
15	64QAM	36	0	19.40	19.59	19.52	20.4	0
15	64QAM	36	20	19.42	19.48	19.52		
15	64QAM	36	39	19.37	19.54	19.61		
15	64QAM	75	0	19.47	19.62	19.47		
15	256QAM	1	0	18.56	18.59	18.57	19.4	1
15	256QAM	1	37	18.61	18.61	18.45		
15	256QAM	1	74	18.49	18.67	18.57		
15	256QAM	36	0	18.43	18.62	18.67	19.4	1
15	256QAM	36	20	18.58	18.52	18.49		
15	256QAM	36	39	18.44	18.52	18.57		
15	256QAM	75	0	18.57	18.65	18.48		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.56	19.67	19.53	20.4	0
10	QPSK	1	25	19.42	19.50	19.53		
10	QPSK	1	49	19.53	19.41	19.38		
10	QPSK	25	0	19.58	19.65	19.59	20.4	0
10	QPSK	25	12	19.47	19.55	19.54		
10	QPSK	25	25	19.54	19.51	19.50		
10	QPSK	50	0	19.36	19.42	19.51		
10	16QAM	1	0	19.54	19.58	19.52	20.4	0
10	16QAM	1	25	19.49	19.48	19.46		
10	16QAM	1	49	19.44	19.41	19.44		
10	16QAM	25	0	19.46	19.61	19.53	20.4	0
10	16QAM	25	12	19.46	19.55	19.36		
10	16QAM	25	25	19.41	19.53	19.50		
10	16QAM	50	0	19.36	19.52	19.48		
10	64QAM	1	0	19.41	19.56	19.62	20.4	0
10	64QAM	1	25	19.46	19.66	19.56		
10	64QAM	1	49	19.39	19.49	19.51		
10	64QAM	25	0	19.45	19.60	19.54	20.4	0
10	64QAM	25	12	19.43	19.49	19.49		
10	64QAM	25	25	19.45	19.61	19.58		
10	64QAM	50	0	19.50	19.61	19.49		
10	256QAM	1	0	18.59	18.57	18.60	19.4	1
10	256QAM	1	25	18.53	18.54	18.50		
10	256QAM	1	49	18.49	18.66	18.51		
10	256QAM	25	0	18.44	18.58	18.53	19.4	1
10	256QAM	25	12	18.59	18.55	18.52		
10	256QAM	25	25	18.53	18.58	18.52		
10	256QAM	50	0	18.47	18.53	18.54		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.47	19.59	19.60	20.4	0
5	QPSK	1	12	19.52	19.53	19.53		
5	QPSK	1	24	19.46	19.49	19.51		
5	QPSK	12	0	19.56	19.60	19.60	20.4	0
5	QPSK	12	7	19.36	19.60	19.48		
5	QPSK	12	13	19.45	19.43	19.43		
5	QPSK	25	0	19.35	19.47	19.47		
5	16QAM	1	0	19.52	19.52	19.49	20.4	0
5	16QAM	1	12	19.42	19.44	19.37		
5	16QAM	1	24	19.44	19.43	19.54		
5	16QAM	12	0	19.41	19.60	19.52	20.4	0
5	16QAM	12	7	19.54	19.57	19.48		
5	16QAM	12	13	19.39	19.65	19.54		
5	16QAM	25	0	19.44	19.55	19.50		
5	64QAM	1	0	19.38	19.54	19.55	20.4	0
5	64QAM	1	12	19.51	19.62	19.53		
5	64QAM	1	24	19.38	19.52	19.55		
5	64QAM	12	0	19.53	19.63	19.58	20.4	0
5	64QAM	12	7	19.34	19.45	19.51		
5	64QAM	12	13	19.44	19.48	19.49		
5	64QAM	25	0	19.50	19.62	19.51		
5	256QAM	1	0	18.58	18.55	18.53	19.4	1
5	256QAM	1	12	18.63	18.54	18.46		
5	256QAM	1	24	18.57	18.59	18.59		
5	256QAM	12	0	18.53	18.58	18.63	19.4	1
5	256QAM	12	7	18.53	18.63	18.53		
5	256QAM	12	13	18.49	18.58	18.50		
5	256QAM	25	0	18.54	18.58	18.53		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.55	19.68	19.51	20.4	0
3	QPSK	1	8	19.52	19.59	19.62		
3	QPSK	1	14	19.54	19.39	19.44		
3	QPSK	8	0	19.47	19.59	19.50	20.4	0
3	QPSK	8	4	19.44	19.62	19.51		
3	QPSK	8	7	19.43	19.53	19.41		
3	QPSK	15	0	19.48	19.52	19.49		
3	16QAM	1	0	19.54	19.47	19.44	20.4	0
3	16QAM	1	8	19.40	19.51	19.50		
3	16QAM	1	14	19.37	19.39	19.54		
3	16QAM	8	0	19.43	19.63	19.56	20.4	0
3	16QAM	8	4	19.60	19.54	19.49		
3	16QAM	8	7	19.38	19.61	19.55		
3	16QAM	15	0	19.38	19.48	19.42		
3	64QAM	1	0	19.42	19.47	19.50	20.4	0
3	64QAM	1	8	19.56	19.58	19.48		
3	64QAM	1	14	19.36	19.44	19.54		
3	64QAM	8	0	19.45	19.58	19.50	20.4	0
3	64QAM	8	4	19.38	19.54	19.45		
3	64QAM	8	7	19.47	19.52	19.59		
3	64QAM	15	0	19.50	19.58	19.52		
3	256QAM	1	0	18.59	18.63	18.58	19.4	1
3	256QAM	1	8	18.60	18.57	18.45		
3	256QAM	1	14	18.54	18.62	18.58		
3	256QAM	8	0	18.47	18.54	18.60	19.4	1
3	256QAM	8	4	18.54	18.57	18.50		
3	256QAM	8	7	18.49	18.60	18.51		
3	256QAM	15	0	18.55	18.62	18.56		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.48	19.56	19.56	20.4	0
1.4	QPSK	1	3	19.43	19.51	19.53		
1.4	QPSK	1	5	19.45	19.53	19.47		
1.4	QPSK	3	0	19.48	19.60	19.59		
1.4	QPSK	3	1	19.36	19.61	19.47		
1.4	QPSK	3	3	19.45	19.39	19.49		
1.4	QPSK	6	0	19.36	19.51	19.47	20.4	0
1.4	16QAM	1	0	19.47	19.54	19.49	20.4	0
1.4	16QAM	1	3	19.37	19.58	19.47		
1.4	16QAM	1	5	19.38	19.52	19.56		
1.4	16QAM	3	0	19.46	19.52	19.49		
1.4	16QAM	3	1	19.54	19.55	19.47		
1.4	16QAM	3	3	19.42	19.57	19.56		
1.4	16QAM	6	0	19.48	19.49	19.37	20.4	0
1.4	64QAM	1	0	19.37	19.59	19.57	20.4	0
1.4	64QAM	1	3	19.57	19.58	19.54		
1.4	64QAM	1	5	19.37	19.46	19.55		
1.4	64QAM	3	0	19.39	19.64	19.59		
1.4	64QAM	3	1	19.44	19.42	19.44		
1.4	64QAM	3	3	19.39	19.61	19.60		
1.4	64QAM	6	0	19.56	19.53	19.48	20.4	0
1.4	256QAM	1	0	18.60	18.53	18.48	19.4	1
1.4	256QAM	1	3	18.57	18.63	18.52		
1.4	256QAM	1	5	18.54	18.54	18.61		
1.4	256QAM	3	0	18.49	18.52	18.62		
1.4	256QAM	3	1	18.62	18.62	18.54		
1.4	256QAM	3	3	18.47	18.58	18.48		
1.4	256QAM	6	0	18.45	18.58	18.45	19.4	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	14.45	14.52	14.48	15.8	0
20	QPSK	1	49	14.37	14.48	14.39		
20	QPSK	1	99	14.31	14.45	14.47		
20	QPSK	50	0	14.43	14.50	14.46	15.8	0
20	QPSK	50	24	14.39	14.40	14.33		
20	QPSK	50	50	14.42	14.37	14.43		
20	QPSK	100	0	14.32	14.48	14.34		
20	16QAM	1	0	14.32	14.45	14.35	15.8	0
20	16QAM	1	49	14.31	14.51	14.41		
20	16QAM	1	99	14.39	14.37	14.42		
20	16QAM	50	0	14.40	14.48	14.42	15.8	0
20	16QAM	50	24	14.37	14.43	14.45		
20	16QAM	50	50	14.38	14.50	14.44		
20	16QAM	100	0	14.41	14.38	14.47		
20	64QAM	1	0	14.37	14.37	14.43	15.8	0
20	64QAM	1	49	14.35	14.44	14.46		
20	64QAM	1	99	14.41	14.37	14.39		
20	64QAM	50	0	14.39	14.41	14.44	15.8	0
20	64QAM	50	24	14.38	14.51	14.33		
20	64QAM	50	50	14.32	14.51	14.40		
20	64QAM	100	0	14.36	14.40	14.41		
20	256QAM	1	0	14.36	14.50	14.45	15.8	0
20	256QAM	1	49	14.40	14.50	14.45		
20	256QAM	1	99	14.30	14.37	14.47		
20	256QAM	50	0	14.44	14.50	14.44	15.8	0
20	256QAM	50	24	14.34	14.38	14.41		
20	256QAM	50	50	14.41	14.38	14.43		
20	256QAM	100	0	14.44	14.51	14.34		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.38	14.43	14.47	15.8	0
15	QPSK	1	37	14.26	14.46	14.34		
15	QPSK	1	74	14.19	14.34	14.42		
15	QPSK	36	0	14.38	14.44	14.38	15.8	0
15	QPSK	36	20	14.37	14.28	14.18		
15	QPSK	36	39	14.41	14.24	14.41		
15	QPSK	75	0	14.20	14.39	14.23		
15	16QAM	1	0	14.28	14.44	14.23	15.8	0
15	16QAM	1	37	14.22	14.42	14.33		
15	16QAM	1	74	14.28	14.34	14.30		
15	16QAM	36	0	14.25	14.40	14.32	15.8	0
15	16QAM	36	20	14.24	14.33	14.32		
15	16QAM	36	39	14.31	14.38	14.38		
15	16QAM	75	0	14.35	14.33	14.32		
15	64QAM	1	0	14.23	14.31	14.31	15.8	0
15	64QAM	1	37	14.21	14.30	14.35		
15	64QAM	1	74	14.40	14.36	14.27		
15	64QAM	36	0	14.36	14.37	14.40	15.8	0
15	64QAM	36	20	14.23	14.42	14.25		
15	64QAM	36	39	14.31	14.40	14.30		
15	64QAM	75	0	14.23	14.36	14.34		
15	256QAM	1	0	14.31	14.35	14.42	15.8	0
15	256QAM	1	37	14.32	14.39	14.33		
15	256QAM	1	74	14.24	14.24	14.43		
15	256QAM	36	0	14.33	14.42	14.34	15.8	0
15	256QAM	36	20	14.26	14.30	14.28		
15	256QAM	36	39	14.26	14.24	14.31		
15	256QAM	75	0	14.35	14.46	14.28		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.33	14.43	14.45	15.8	0
10	QPSK	1	25	14.25	14.40	14.26		
10	QPSK	1	49	14.20	14.32	14.40		
10	QPSK	25	0	14.35	14.36	14.41	15.8	0
10	QPSK	25	12	14.24	14.35	14.32		
10	QPSK	25	25	14.40	14.32	14.34		
10	QPSK	50	0	14.27	14.42	14.33		
10	16QAM	1	0	14.28	14.41	14.24	15.8	0
10	16QAM	1	25	14.26	14.40	14.32		
10	16QAM	1	49	14.32	14.29	14.33		
10	16QAM	25	0	14.33	14.38	14.28	15.8	0
10	16QAM	25	12	14.25	14.35	14.36		
10	16QAM	25	25	14.29	14.38	14.43		
10	16QAM	50	0	14.36	14.29	14.36		
10	64QAM	1	0	14.25	14.30	14.28	15.8	0
10	64QAM	1	25	14.29	14.41	14.41		
10	64QAM	1	49	14.31	14.30	14.27		
10	64QAM	25	0	14.33	14.37	14.31	15.8	0
10	64QAM	25	12	14.32	14.49	14.18		
10	64QAM	25	25	14.24	14.42	14.39		
10	64QAM	50	0	14.31	14.30	14.37		
10	256QAM	1	0	14.26	14.49	14.30	15.8	0
10	256QAM	1	25	14.38	14.44	14.38		
10	256QAM	1	49	14.15	14.31	14.34		
10	256QAM	25	0	14.31	14.42	14.43	15.8	0
10	256QAM	25	12	14.20	14.34	14.29		
10	256QAM	25	25	14.33	14.29	14.35		
10	256QAM	50	0	14.40	14.50	14.22		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.36	14.43	14.42	15.8	0
5	QPSK	1	12	14.24	14.44	14.28		
5	QPSK	1	24	14.22	14.39	14.40		
5	QPSK	12	0	14.35	14.41	14.41	15.8	0
5	QPSK	12	7	14.32	14.32	14.26		
5	QPSK	12	13	14.29	14.32	14.36		
5	QPSK	25	0	14.30	14.41	14.22		
5	16QAM	1	0	14.30	14.40	14.29	15.8	0
5	16QAM	1	12	14.20	14.41	14.39		
5	16QAM	1	24	14.33	14.32	14.37		
5	16QAM	12	0	14.26	14.42	14.33	15.8	0
5	16QAM	12	7	14.35	14.30	14.34		
5	16QAM	12	13	14.26	14.47	14.32		
5	16QAM	25	0	14.37	14.24	14.43		
5	64QAM	1	0	14.32	14.36	14.32	15.8	0
5	64QAM	1	12	14.25	14.37	14.44		
5	64QAM	1	24	14.35	14.27	14.26		
5	64QAM	12	0	14.25	14.30	14.34	15.8	0
5	64QAM	12	7	14.30	14.41	14.30		
5	64QAM	12	13	14.21	14.46	14.32		
5	64QAM	25	0	14.21	14.39	14.26		
5	256QAM	1	0	14.21	14.40	14.40	15.8	0
5	256QAM	1	12	14.32	14.39	14.41		
5	256QAM	1	24	14.21	14.26	14.39		
5	256QAM	12	0	14.30	14.47	14.31	15.8	0
5	256QAM	12	7	14.32	14.27	14.32		
5	256QAM	12	13	14.39	14.28	14.32		
5	256QAM	25	0	14.38	14.40	14.22		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.33	14.45	14.39	15.8	0
3	QPSK	1	8	14.35	14.47	14.30		
3	QPSK	1	14	14.25	14.38	14.33		
3	QPSK	8	0	14.32	14.43	14.37	15.8	0
3	QPSK	8	4	14.29	14.30	14.26		
3	QPSK	8	7	14.41	14.22	14.40		
3	QPSK	15	0	14.18	14.38	14.28		
3	16QAM	1	0	14.25	14.30	14.32	15.8	0
3	16QAM	1	8	14.26	14.45	14.38		
3	16QAM	1	14	14.34	14.29	14.30		
3	16QAM	8	0	14.27	14.33	14.28	15.8	0
3	16QAM	8	4	14.36	14.39	14.40		
3	16QAM	8	7	14.23	14.49	14.30		
3	16QAM	15	0	14.40	14.33	14.40		
3	64QAM	1	0	14.33	14.33	14.32	15.8	0
3	64QAM	1	8	14.31	14.41	14.35		
3	64QAM	1	14	14.26	14.35	14.35		
3	64QAM	8	0	14.33	14.31	14.35	15.8	0
3	64QAM	8	4	14.27	14.43	14.26		
3	64QAM	8	7	14.20	14.39	14.29		
3	64QAM	15	0	14.24	14.37	14.36		
3	256QAM	1	0	14.32	14.41	14.32	15.8	0
3	256QAM	1	8	14.32	14.38	14.38		
3	256QAM	1	14	14.20	14.24	14.36		
3	256QAM	8	0	14.41	14.49	14.33	15.8	0
3	256QAM	8	4	14.32	14.36	14.37		
3	256QAM	8	7	14.31	14.35	14.40		
3	256QAM	15	0	14.34	14.45	14.21		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.33	14.37	14.44	15.8	0
1.4	QPSK	1	3	14.34	14.36	14.33		
1.4	QPSK	1	5	14.30	14.37	14.38		
1.4	QPSK	3	0	14.35	14.35	14.39		
1.4	QPSK	3	1	14.25	14.32	14.30		
1.4	QPSK	3	3	14.37	14.28	14.35		
1.4	QPSK	6	0	14.20	14.42	14.19	15.8	0
1.4	16QAM	1	0	14.28	14.44	14.31	15.8	0
1.4	16QAM	1	3	14.23	14.39	14.38		
1.4	16QAM	1	5	14.27	14.32	14.35		
1.4	16QAM	3	0	14.35	14.43	14.32		
1.4	16QAM	3	1	14.34	14.35	14.31		
1.4	16QAM	3	3	14.29	14.37	14.29		
1.4	16QAM	6	0	14.29	14.31	14.41	15.8	0
1.4	64QAM	1	0	14.33	14.23	14.39	15.8	0
1.4	64QAM	1	3	14.25	14.40	14.45		
1.4	64QAM	1	5	14.37	14.22	14.25		
1.4	64QAM	3	0	14.34	14.30	14.29		
1.4	64QAM	3	1	14.33	14.50	14.24		
1.4	64QAM	3	3	14.23	14.48	14.37		
1.4	64QAM	6	0	14.26	14.32	14.35	15.8	0
1.4	256QAM	1	0	14.33	14.35	14.35	15.8	0
1.4	256QAM	1	3	14.26	14.37	14.44		
1.4	256QAM	1	5	14.26	14.35	14.32		
1.4	256QAM	3	0	14.43	14.41	14.40		
1.4	256QAM	3	1	14.32	14.27	14.30		
1.4	256QAM	3	3	14.27	14.25	14.42		
1.4	256QAM	6	0	14.36	14.38	14.26	15.8	0

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BW [MHz]	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	24.45	24.49	24.42	25	0
20	QPSK	1	49	24.33	24.23	24.29		
20	QPSK	1	99	24.42	24.41	24.38		
20	QPSK	50	0	23.98	24.05	24.02	24.5	0.5
20	QPSK	50	24	23.85	23.87	23.94		
20	QPSK	50	50	23.91	23.97	23.98		
20	QPSK	100	0	23.89	24.00	23.96		
20	16QAM	1	0	23.89	23.92	23.93	24.5	0.5
20	16QAM	1	49	23.83	23.90	24.10		
20	16QAM	1	99	23.99	24.04	24.16		
20	16QAM	50	0	23.34	23.38	23.42	24	1
20	16QAM	50	24	23.35	23.43	23.47		
20	16QAM	50	50	23.42	23.43	23.57		
20	16QAM	100	0	23.34	23.44	23.48		
20	64QAM	1	0	22.58	22.59	22.65	23	2
20	64QAM	1	49	22.60	22.61	22.80		
20	64QAM	1	99	22.67	22.70	22.81		
20	64QAM	50	0	22.40	22.40	22.48	23	2
20	64QAM	50	24	22.35	22.47	22.58		
20	64QAM	50	50	22.50	22.45	22.63		
20	64QAM	100	0	22.47	22.42	22.55		
20	256QAM	1	0	18.91	19.02	18.95	20	5
20	256QAM	1	49	18.86	18.91	18.90		
20	256QAM	1	99	19.00	19.01	18.91		
20	256QAM	50	0	18.93	18.97	18.84	20	5
20	256QAM	50	24	18.83	18.89	18.81		
20	256QAM	50	50	18.96	18.99	18.88		
20	256QAM	100	0	18.90	18.96	18.94		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.23	24.20	24.20	25	0
15	QPSK	1	37	24.40	24.46	24.33		
15	QPSK	1	74	24.27	24.36	24.35		
15	QPSK	36	0	23.87	23.94	23.90	24.5	0.5
15	QPSK	36	20	23.76	23.76	23.93		
15	QPSK	36	39	23.85	23.90	23.93		
15	QPSK	75	0	23.87	23.93	23.87		
15	16QAM	1	0	23.81	23.80	23.78	24.5	0.5
15	16QAM	1	37	23.82	23.86	23.96		
15	16QAM	1	74	23.91	24.03	24.03		
15	16QAM	36	0	23.33	23.24	23.27	24	1
15	16QAM	36	20	23.23	23.35	23.42		
15	16QAM	36	39	23.38	23.41	23.46		
15	16QAM	75	0	23.21	23.35	23.42		
15	64QAM	1	0	22.56	22.46	22.56	23	2
15	64QAM	1	37	22.55	22.46	22.68		
15	64QAM	1	74	22.59	22.56	22.74		
15	64QAM	36	0	22.34	22.32	22.35	23	2
15	64QAM	36	20	22.23	22.33	22.46		
15	64QAM	36	39	22.43	22.30	22.55		
15	64QAM	75	0	22.43	22.29	22.40		
15	256QAM	1	0	18.85	18.91	18.86	20	5
15	256QAM	1	37	18.74	18.86	18.81		
15	256QAM	1	74	18.93	18.92	18.76		
15	256QAM	36	0	18.91	18.93	18.69	20	5
15	256QAM	36	20	18.68	18.86	18.72		
15	256QAM	36	39	18.82	18.84	18.87		
15	256QAM	75	0	18.89	18.89	18.88		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.24	24.17	24.14	25	0
10	QPSK	1	25	24.33	24.39	24.33		
10	QPSK	1	49	24.41	24.30	24.27		
10	QPSK	25	0	23.96	23.98	23.97	24.5	0.5
10	QPSK	25	12	23.71	23.73	23.80		
10	QPSK	25	25	23.76	23.96	23.93		
10	QPSK	50	0	23.85	23.97	23.94		
10	16QAM	1	0	23.87	23.91	23.87	24.5	0.5
10	16QAM	1	25	23.81	23.80	24.09		
10	16QAM	1	49	23.92	23.98	24.14		
10	16QAM	25	0	23.30	23.25	23.30	24	1
10	16QAM	25	12	23.29	23.30	23.46		
10	16QAM	25	25	23.29	23.36	23.43		
10	16QAM	50	0	23.28	23.36	23.45		
10	64QAM	1	0	22.44	22.56	22.59	23	2
10	64QAM	1	25	22.57	22.56	22.73		
10	64QAM	1	49	22.52	22.62	22.68		
10	64QAM	25	0	22.36	22.25	22.43	23	2
10	64QAM	25	12	22.31	22.32	22.47		
10	64QAM	25	25	22.38	22.40	22.49		
10	64QAM	50	0	22.37	22.32	22.40		
10	256QAM	1	0	18.85	19.01	18.84	20	5
10	256QAM	1	25	18.74	18.81	18.80		
10	256QAM	1	49	18.96	18.90	18.85		
10	256QAM	25	0	18.91	18.94	18.77	20	5
10	256QAM	25	12	18.68	18.79	18.79		
10	256QAM	25	25	18.87	18.91	18.75		
10	256QAM	50	0	18.75	18.81	18.82		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.29	24.20	24.15	25	0
5	QPSK	1	12	24.35	24.44	24.33		
5	QPSK	1	24	24.37	24.27	24.34		
5	QPSK	12	0	23.96	23.96	23.98	24.5	0.5
5	QPSK	12	7	23.81	23.74	23.91		
5	QPSK	12	13	23.80	23.96	23.88		
5	QPSK	25	0	23.88	23.90	23.89		
5	16QAM	1	0	23.88	23.77	23.81	24.5	0.5
5	16QAM	1	12	23.71	23.82	23.98		
5	16QAM	1	24	23.97	23.93	24.10		
5	16QAM	12	0	23.24	23.33	23.36	24	1
5	16QAM	12	7	23.20	23.35	23.34		
5	16QAM	12	13	23.37	23.36	23.53		
5	16QAM	25	0	23.30	23.34	23.45		
5	64QAM	1	0	22.55	22.55	22.55	23	2
5	64QAM	1	12	22.51	22.55	22.72		
5	64QAM	1	24	22.56	22.64	22.70		
5	64QAM	12	0	22.37	22.39	22.38	23	2
5	64QAM	12	7	22.31	22.34	22.52		
5	64QAM	12	13	22.42	22.30	22.50		
5	64QAM	25	0	22.34	22.35	22.45		
5	256QAM	1	0	18.79	18.98	18.92	20	5
5	256QAM	1	12	18.75	18.81	18.75		
5	256QAM	1	24	18.93	19.00	18.76		
5	256QAM	12	0	18.85	18.88	18.77	20	5
5	256QAM	12	7	18.79	18.87	18.79		
5	256QAM	12	13	18.81	18.92	18.73		
5	256QAM	25	0	18.87	18.93	18.89		

Band 38_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.28	17.39	17.30	17.9	0
20	QPSK	1	49	17.26	17.24	17.27		
20	QPSK	1	99	17.23	17.35	17.29		
20	QPSK	50	0	17.25	17.38	17.27	17.9	0
20	QPSK	50	24	17.19	17.26	17.20		
20	QPSK	50	50	17.22	17.37	17.18		
20	QPSK	100	0	17.23	17.30	17.22		
20	16QAM	1	0	17.27	17.27	17.25	17.9	0
20	16QAM	1	49	17.21	17.34	17.17		
20	16QAM	1	99	17.23	17.28	17.18		
20	16QAM	50	0	17.20	17.26	17.25	17.9	0
20	16QAM	50	24	17.18	17.24	17.25		
20	16QAM	50	50	17.20	17.28	17.22		
20	16QAM	100	0	17.20	17.25	17.23		
20	64QAM	1	0	17.23	17.26	17.29	17.9	0
20	64QAM	1	49	17.21	17.37	17.18		
20	64QAM	1	99	17.24	17.37	17.19		
20	64QAM	50	0	17.17	17.38	17.25	17.9	0
20	64QAM	50	24	17.23	17.30	17.28		
20	64QAM	50	50	17.21	17.29	17.23		
20	64QAM	100	0	17.23	17.31	17.28		
20	256QAM	1	0	17.21	17.38	17.28	17.9	0
20	256QAM	1	49	17.18	17.37	17.23		
20	256QAM	1	99	17.16	17.37	17.23		
20	256QAM	50	0	17.20	17.30	17.29	17.9	0
20	256QAM	50	24	17.16	17.28	17.29		
20	256QAM	50	50	17.27	17.36	17.18		
20	256QAM	100	0	17.14	17.37	17.27		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.21	17.24	17.24	17.9	0
15	QPSK	1	37	17.12	17.21	17.18		
15	QPSK	1	74	17.22	17.28	17.18		
15	QPSK	36	0	17.15	17.23	17.19	17.9	0
15	QPSK	36	20	17.07	17.13	17.06		
15	QPSK	36	39	17.12	17.28	17.05		
15	QPSK	75	0	17.11	17.23	17.16		
15	16QAM	1	0	17.25	17.21	17.15	17.9	0
15	16QAM	1	37	17.11	17.31	17.16		
15	16QAM	1	74	17.14	17.22	17.06		
15	16QAM	36	0	17.13	17.15	17.12	17.9	0
15	16QAM	36	20	17.06	17.17	17.11		
15	16QAM	36	39	17.12	17.17	17.09		
15	16QAM	75	0	17.05	17.20	17.12		
15	64QAM	1	0	17.12	17.19	17.25	17.9	0
15	64QAM	1	37	17.06	17.24	17.14		
15	64QAM	1	74	17.09	17.35	17.12		
15	64QAM	36	0	17.04	17.25	17.23	17.9	0
15	64QAM	36	20	17.11	17.16	17.15		
15	64QAM	36	39	17.20	17.19	17.15		
15	64QAM	75	0	17.18	17.19	17.23		
15	256QAM	1	0	17.19	17.35	17.13	17.9	0
15	256QAM	1	37	17.10	17.36	17.12		
15	256QAM	1	74	17.03	17.24	17.16		
15	256QAM	36	0	17.09	17.17	17.28	17.9	0
15	256QAM	36	20	17.11	17.19	17.27		
15	256QAM	36	39	17.12	17.22	17.17		
15	256QAM	75	0	17.00	17.35	17.18		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.15	17.34	17.15	17.9	0
10	QPSK	1	25	17.15	17.13	17.18		
10	QPSK	1	49	17.15	17.30	17.19		
10	QPSK	25	0	17.22	17.34	17.23	17.9	0
10	QPSK	25	12	17.14	17.16	17.15		
10	QPSK	25	25	17.17	17.27	17.10		
10	QPSK	50	0	17.09	17.15	17.09		
10	16QAM	1	0	17.23	17.19	17.10	17.9	0
10	16QAM	1	25	17.13	17.29	17.04		
10	16QAM	1	49	17.14	17.20	17.16		
10	16QAM	25	0	17.09	17.20	17.15	17.9	0
10	16QAM	25	12	17.15	17.12	17.12		
10	16QAM	25	25	17.16	17.20	17.15		
10	16QAM	50	0	17.19	17.24	17.17		
10	64QAM	1	0	17.16	17.20	17.14	17.9	0
10	64QAM	1	25	17.15	17.35	17.14		
10	64QAM	1	49	17.18	17.22	17.15		
10	64QAM	25	0	17.12	17.27	17.13	17.9	0
10	64QAM	25	12	17.16	17.18	17.19		
10	64QAM	25	25	17.18	17.18	17.19		
10	64QAM	50	0	17.14	17.16	17.22		
10	256QAM	1	0	17.08	17.34	17.18	17.9	0
10	256QAM	1	25	17.11	17.24	17.20		
10	256QAM	1	49	17.13	17.24	17.21		
10	256QAM	25	0	17.11	17.29	17.25	17.9	0
10	256QAM	25	12	17.07	17.21	17.17		
10	256QAM	25	25	17.20	17.27	17.09		
10	256QAM	50	0	17.10	17.25	17.19		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.18	17.24	17.22	17.9	0
5	QPSK	1	12	17.21	17.14	17.23		
5	QPSK	1	24	17.08	17.20	17.16		
5	QPSK	12	0	17.21	17.30	17.17	17.9	0
5	QPSK	12	7	17.13	17.17	17.18		
5	QPSK	12	13	17.16	17.31	17.14		
5	QPSK	25	0	17.22	17.17	17.14		
5	16QAM	1	0	17.20	17.19	17.23	17.9	0
5	16QAM	1	12	17.08	17.29	17.02		
5	16QAM	1	24	17.20	17.17	17.16		
5	16QAM	12	0	17.11	17.24	17.20	17.9	0
5	16QAM	12	7	17.04	17.11	17.21		
5	16QAM	12	13	17.08	17.13	17.20		
5	16QAM	25	0	17.12	17.18	17.16		
5	64QAM	1	0	17.16	17.16	17.27	17.9	0
5	64QAM	1	12	17.12	17.28	17.09		
5	64QAM	1	24	17.15	17.23	17.15		
5	64QAM	12	0	17.09	17.33	17.13	17.9	0
5	64QAM	12	7	17.18	17.17	17.17		
5	64QAM	12	13	17.12	17.17	17.11		
5	64QAM	25	0	17.22	17.26	17.25		
5	256QAM	1	0	17.20	17.31	17.24	17.9	0
5	256QAM	1	12	17.13	17.30	17.08		
5	256QAM	1	24	17.15	17.28	17.22		
5	256QAM	12	0	17.11	17.19	17.14	17.9	0
5	256QAM	12	7	17.07	17.26	17.15		
5	256QAM	12	13	17.19	17.25	17.03		
5	256QAM	25	0	17.06	17.33	17.22		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	14.88	14.90	14.85	15.4	0
20	QPSK	1	49	14.84	14.83	14.78		
20	QPSK	1	99	14.86	14.88	14.77		
20	QPSK	50	0	14.83	14.88	14.84	15.4	0
20	QPSK	50	24	14.75	14.77	14.83		
20	QPSK	50	50	14.73	14.86	14.83		
20	QPSK	100	0	14.78	14.85	14.78		
20	16QAM	1	0	14.74	14.80	14.77	15.4	0
20	16QAM	1	49	14.81	14.83	14.70		
20	16QAM	1	99	14.74	14.80	14.78		
20	16QAM	50	0	14.74	14.75	14.80	15.4	0
20	16QAM	50	24	14.76	14.89	14.72		
20	16QAM	50	50	14.75	14.88	14.73		
20	16QAM	100	0	14.77	14.88	14.75		
20	64QAM	1	0	14.79	14.77	14.72	15.4	0
20	64QAM	1	49	14.84	14.80	14.72		
20	64QAM	1	99	14.86	14.83	14.78		
20	64QAM	50	0	14.83	14.78	14.80	15.4	0
20	64QAM	50	24	14.79	14.76	14.77		
20	64QAM	50	50	14.85	14.78	14.74		
20	64QAM	100	0	14.73	14.89	14.83		
20	256QAM	1	0	14.80	14.76	14.75	15.4	0
20	256QAM	1	49	14.76	14.75	14.83		
20	256QAM	1	99	14.85	14.88	14.82		
20	256QAM	50	0	14.78	14.89	14.75	15.4	0
20	256QAM	50	24	14.75	14.80	14.72		
20	256QAM	50	50	14.74	14.87	14.76		
20	256QAM	100	0	14.73	14.77	14.70		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	14.77	14.88	14.79	15.4	0
15	QPSK	1	37	14.69	14.70	14.64		
15	QPSK	1	74	14.73	14.79	14.72		
15	QPSK	36	0	14.68	14.82	14.69	15.4	0
15	QPSK	36	20	14.65	14.64	14.74		
15	QPSK	36	39	14.62	14.83	14.81		
15	QPSK	75	0	14.66	14.79	14.63		
15	16QAM	1	0	14.68	14.69	14.71	15.4	0
15	16QAM	1	37	14.70	14.74	14.64		
15	16QAM	1	74	14.62	14.78	14.65		
15	16QAM	36	0	14.66	14.70	14.66	15.4	0
15	16QAM	36	20	14.75	14.88	14.57		
15	16QAM	36	39	14.67	14.80	14.72		
15	16QAM	75	0	14.68	14.77	14.65		
15	64QAM	1	0	14.73	14.63	14.64	15.4	0
15	64QAM	1	37	14.83	14.66	14.65		
15	64QAM	1	74	14.77	14.81	14.69		
15	64QAM	36	0	14.69	14.73	14.65	15.4	0
15	64QAM	36	20	14.70	14.66	14.72		
15	64QAM	36	39	14.73	14.74	14.62		
15	64QAM	75	0	14.70	14.76	14.73		
15	256QAM	1	0	14.76	14.67	14.64	15.4	0
15	256QAM	1	37	14.74	14.66	14.70		
15	256QAM	1	74	14.82	14.82	14.76		
15	256QAM	36	0	14.76	14.85	14.62	15.4	0
15	256QAM	36	20	14.60	14.72	14.67		
15	256QAM	36	39	14.61	14.77	14.71		
15	256QAM	75	0	14.60	14.73	14.63		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	14.84	14.76	14.72	15.4	0
10	QPSK	1	25	14.69	14.69	14.64		
10	QPSK	1	49	14.81	14.74	14.65		
10	QPSK	25	0	14.82	14.82	14.80	15.4	0
10	QPSK	25	12	14.73	14.75	14.68		
10	QPSK	25	25	14.58	14.80	14.72		
10	QPSK	50	0	14.75	14.75	14.73		
10	16QAM	1	0	14.66	14.71	14.65	15.4	0
10	16QAM	1	25	14.68	14.71	14.59		
10	16QAM	1	49	14.68	14.79	14.71		
10	16QAM	25	0	14.68	14.62	14.66	15.4	0
10	16QAM	25	12	14.73	14.78	14.58		
10	16QAM	25	25	14.68	14.87	14.63		
10	16QAM	50	0	14.71	14.79	14.71		
10	64QAM	1	0	14.64	14.69	14.60	15.4	0
10	64QAM	1	25	14.80	14.69	14.57		
10	64QAM	1	49	14.71	14.71	14.75		
10	64QAM	25	0	14.81	14.72	14.68	15.4	0
10	64QAM	25	12	14.68	14.65	14.64		
10	64QAM	25	25	14.81	14.72	14.60		
10	64QAM	50	0	14.60	14.85	14.77		
10	256QAM	1	0	14.68	14.70	14.68	15.4	0
10	256QAM	1	25	14.72	14.60	14.73		
10	256QAM	1	49	14.76	14.76	14.78		
10	256QAM	25	0	14.65	14.79	14.71	15.4	0
10	256QAM	25	12	14.71	14.79	14.61		
10	256QAM	25	25	14.73	14.79	14.73		
10	256QAM	50	0	14.62	14.68	14.69		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	14.84	14.85	14.71	15.4	0
5	QPSK	1	12	14.74	14.74	14.69		
5	QPSK	1	24	14.83	14.84	14.62		
5	QPSK	12	0	14.77	14.86	14.75	15.4	0
5	QPSK	12	7	14.74	14.64	14.73		
5	QPSK	12	13	14.66	14.77	14.72		
5	QPSK	25	0	14.67	14.74	14.70		
5	16QAM	1	0	14.66	14.74	14.71	15.4	0
5	16QAM	1	12	14.79	14.75	14.66		
5	16QAM	1	24	14.63	14.79	14.76		
5	16QAM	12	0	14.66	14.73	14.79	15.4	0
5	16QAM	12	7	14.63	14.85	14.59		
5	16QAM	12	13	14.71	14.86	14.66		
5	16QAM	25	0	14.74	14.82	14.67		
5	64QAM	1	0	14.75	14.74	14.63	15.4	0
5	64QAM	1	12	14.76	14.77	14.68		
5	64QAM	1	24	14.76	14.73	14.70		
5	64QAM	12	0	14.76	14.66	14.70	15.4	0
5	64QAM	12	7	14.64	14.75	14.69		
5	64QAM	12	13	14.82	14.76	14.63		
5	64QAM	25	0	14.72	14.81	14.73		
5	256QAM	1	0	14.68	14.65	14.71	15.4	0
5	256QAM	1	12	14.66	14.74	14.76		
5	256QAM	1	24	14.80	14.73	14.79		
5	256QAM	12	0	14.77	14.88	14.69	15.4	0
5	256QAM	12	7	14.73	14.75	14.64		
5	256QAM	12	13	14.71	14.73	14.62		
5	256QAM	25	0	14.69	14.69	14.66		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.20	16.22	16.18		
20	QPSK	1	49	16.13	16.10	16.08	17	0
20	QPSK	1	99	16.17	16.08	16.16		
20	QPSK	50	0	16.17	16.20	16.15		
20	QPSK	50	24	16.08	16.19	16.11	17	0
20	QPSK	50	50	16.14	16.08	16.12		
20	QPSK	100	0	16.06	16.19	16.12		
20	16QAM	1	0	16.17	16.17	16.09		
20	16QAM	1	49	16.13	16.18	16.10	17	0
20	16QAM	1	99	16.08	16.14	16.07		
20	16QAM	50	0	16.19	16.09	16.08		
20	16QAM	50	24	16.19	16.15	16.13	17	0
20	16QAM	50	50	16.11	16.17	16.10		
20	16QAM	100	0	16.18	16.15	16.11		
20	64QAM	1	0	16.08	16.12	16.17		
20	64QAM	1	49	16.14	16.19	16.14	17	0
20	64QAM	1	99	16.14	16.11	16.10		
20	64QAM	50	0	16.12	16.13	16.09		
20	64QAM	50	24	16.05	16.19	16.14	17	0
20	64QAM	50	50	16.19	16.13	16.15		
20	64QAM	100	0	16.12	16.10	16.06		
20	256QAM	1	0	15.48	15.53	15.39		
20	256QAM	1	49	15.46	15.44	15.42	16	1
20	256QAM	1	99	15.43	15.49	15.52		
20	256QAM	50	0	15.46	15.39	15.43		
20	256QAM	50	24	15.44	15.45	15.41	16	1
20	256QAM	50	50	15.44	15.42	15.44		
20	256QAM	100	0	15.42	15.46	15.47		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.12	16.21	16.07		
15	QPSK	1	37	16.06	16.01	16.07	17	0
15	QPSK	1	74	16.10	16.02	16.09		
15	QPSK	36	0	16.10	16.15	16.01		
15	QPSK	36	20	15.95	16.18	16.10	17	0
15	QPSK	36	39	16.11	15.94	15.98		
15	QPSK	75	0	15.92	16.08	16.06		
15	16QAM	1	0	16.14	16.15	16.05		
15	16QAM	1	37	16.04	16.03	16.01	17	0
15	16QAM	1	74	16.01	16.07	15.98		
15	16QAM	36	0	16.05	16.03	16.07		
15	16QAM	36	20	16.15	16.01	16.05	17	0
15	16QAM	36	39	15.96	16.16	15.96		
15	16QAM	75	0	16.04	16.05	15.98		
15	64QAM	1	0	15.96	16.03	16.06		
15	64QAM	1	37	16.04	16.14	16.06	17	0
15	64QAM	1	74	16.00	16.08	15.98		
15	64QAM	36	0	16.07	16.07	16.01		
15	64QAM	36	20	16.04	16.16	16.07	17	0
15	64QAM	36	39	16.11	15.98	16.05		
15	64QAM	75	0	15.97	15.96	16.00		
15	256QAM	1	0	15.43	15.43	15.31		
15	256QAM	1	37	15.34	15.36	15.38	16	1
15	256QAM	1	74	15.28	15.38	15.39		
15	256QAM	36	0	15.35	15.37	15.41		
15	256QAM	36	20	15.37	15.39	15.39	16	1
15	256QAM	36	39	15.35	15.37	15.41		
15	256QAM	75	0	15.32	15.45	15.44		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.13	16.21	16.16		
10	QPSK	1	25	15.98	15.97	16.07	17	0
10	QPSK	1	49	16.16	15.99	16.06		
10	QPSK	25	0	16.04	16.16	16.11		
10	QPSK	25	12	15.97	16.04	16.10	17	0
10	QPSK	25	25	16.09	15.97	16.10		
10	QPSK	50	0	16.05	16.06	15.98		
10	16QAM	1	0	16.02	16.08	15.99		
10	16QAM	1	25	16.08	16.12	16.04	17	0
10	16QAM	1	49	16.01	16.06	16.06		
10	16QAM	25	0	16.13	16.01	16.00		
10	16QAM	25	12	16.07	16.06	16.02	17	0
10	16QAM	25	25	15.96	16.11	16.09		
10	16QAM	50	0	16.14	16.13	15.97		
10	64QAM	1	0	15.93	16.10	16.07		
10	64QAM	1	25	16.08	16.13	16.01	17	0
10	64QAM	1	49	16.09	15.97	15.99		
10	64QAM	25	0	16.05	16.04	16.00		
10	64QAM	25	12	16.00	16.07	16.09	17	0
10	64QAM	25	25	16.10	16.07	16.05		
10	64QAM	50	0	16.07	16.00	15.92		
10	256QAM	1	0	15.33	15.50	15.33		
10	256QAM	1	25	15.39	15.31	15.33	16	1
10	256QAM	1	49	15.31	15.37	15.48		
10	256QAM	25	0	15.42	15.34	15.30		
10	256QAM	25	12	15.34	15.31	15.31	16	1
10	256QAM	25	25	15.40	15.35	15.33		
10	256QAM	50	0	15.36	15.35	15.33		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.05	16.13	16.06		
5	QPSK	1	12	16.12	16.05	16.03	17	0
5	QPSK	1	24	16.08	15.95	16.01		
5	QPSK	12	0	16.11	16.06	16.09		
5	QPSK	12	7	15.98	16.06	16.10	17	0
5	QPSK	12	13	16.07	16.05	16.03		
5	QPSK	25	0	15.99	16.16	16.00		
5	16QAM	1	0	16.13	16.12	15.94		
5	16QAM	1	12	16.06	16.15	16.00	17	0
5	16QAM	1	24	16.06	16.12	15.93		
5	16QAM	12	0	16.09	15.98	16.03		
5	16QAM	12	7	16.07	16.12	15.98	17	0
5	16QAM	12	13	16.04	16.02	16.03		
5	16QAM	25	0	16.10	16.03	16.03		
5	64QAM	1	0	15.94	16.08	16.12		
5	64QAM	1	12	16.02	16.16	16.08	17	0
5	64QAM	1	24	16.00	15.98	16.01		
5	64QAM	12	0	16.04	15.99	16.03		
5	64QAM	12	7	15.98	16.04	16.06	17	0
5	64QAM	12	13	16.14	16.11	16.08		
5	64QAM	25	0	16.03	16.08	15.99		
5	256QAM	1	0	15.47	15.48	15.35		
5	256QAM	1	12	15.44	15.42	15.28	16	1
5	256QAM	1	24	15.35	15.35	15.41		
5	256QAM	12	0	15.35	15.34	15.29		
5	256QAM	12	7	15.40	15.31	15.31	16	1
5	256QAM	12	13	15.33	15.35	15.30		
5	256QAM	25	0	15.32	15.41	15.32		

Band 41_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.20	22.28	22.32	22.30	22.23		
20	QPSK	1	49	22.06	22.14	22.06	22.23	22.15	22.8	0
20	QPSK	1	99	22.14	22.25	22.30	22.29	22.18		
20	QPSK	50	0	21.75	21.80	21.85	21.80	21.78		
20	QPSK	50	24	21.73	21.67	21.79	21.79	21.75	22.3	0.5
20	QPSK	50	50	21.66	21.75	21.82	21.75	21.71		
20	QPSK	100	0	21.70	21.73	21.80	21.75	21.77		
20	16QAM	1	0	21.72	21.74	21.76	21.90	21.63		
20	16QAM	1	49	21.75	21.66	21.86	21.92	21.81	22.3	0.5
20	16QAM	1	99	21.77	21.74	21.96	21.87	21.74		
20	16QAM	50	0	21.11	21.24	21.19	21.38	21.23		
20	16QAM	50	24	21.22	21.22	21.26	21.35	21.22	21.8	1
20	16QAM	50	50	21.20	21.29	21.34	21.39	21.20		
20	16QAM	100	0	21.15	21.25	21.30	21.32	21.23		
20	64QAM	1	0	20.40	20.41	20.38	20.58	20.45		
20	64QAM	1	49	20.48	20.53	20.54	20.64	20.43	20.8	2
20	64QAM	1	99	20.45	20.52	20.63	20.48	20.44		
20	64QAM	50	0	20.16	20.19	20.27	20.30	20.18		
20	64QAM	50	24	20.13	20.17	20.23	20.32	20.22	20.8	2
20	64QAM	50	50	20.16	20.25	20.31	20.31	20.19		
20	64QAM	100	0	20.10	20.23	20.26	20.33	20.15		
20	256QAM	1	0	16.70	16.78	16.84	16.79	16.82		
20	256QAM	1	49	16.72	16.75	16.79	16.65	16.71	17.8	5
20	256QAM	1	99	16.65	16.68	16.73	16.71	16.61		
20	256QAM	50	0	16.75	16.69	16.79	16.72	16.64		
20	256QAM	50	24	16.71	16.74	16.76	16.66	16.69	17.8	5
20	256QAM	50	50	16.80	16.78	16.85	16.71	16.72		
20	256QAM	100	0	16.78	16.70	16.81	16.68	16.76		
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	22.03	22.12	22.03	22.18	22.09		
15	QPSK	1	37	22.12	22.18	22.17	22.25	22.16	22.8	0
15	QPSK	1	74	22.05	22.19	22.28	22.15	22.15		
15	QPSK	36	0	21.61	21.69	21.74	21.70	21.74		
15	QPSK	36	20	21.72	21.59	21.68	21.70	21.60	22.3	0.5
15	QPSK	36	39	21.65	21.66	21.73	21.73	21.67		
15	QPSK	75	0	21.65	21.69	21.74	21.61	21.76		
15	16QAM	1	0	21.69	21.60	21.62	21.88	21.58		
15	16QAM	1	37	21.67	21.57	21.78	21.87	21.79	22.3	0.5
15	16QAM	1	74	21.76	21.66	21.82	21.75	21.68		
15	16QAM	36	0	21.02	21.09	21.08	21.25	21.21		
15	16QAM	36	20	21.08	21.17	21.21	21.32	21.18	21.8	1
15	16QAM	36	39	21.14	21.22	21.22	21.37	21.10		
15	16QAM	75	0	21.02	21.10	21.18	21.26	21.18		
15	64QAM	1	0	20.31	20.30	20.31	20.50	20.30		
15	64QAM	1	37	20.39	20.45	20.53	20.59	20.36	20.8	2
15	64QAM	1	74	20.43	20.42	20.60	20.36	20.33		
15	64QAM	36	0	20.03	20.13	20.23	20.18	20.13		
15	64QAM	36	20	20.03	20.08	20.16	20.19	20.11	20.8	2
15	64QAM	36	39	20.04	20.23	20.25	20.20	20.15		
15	64QAM	75	0	20.04	20.10	20.17	20.23	20.01		
15	256QAM	1	0	16.63	16.69	16.70	16.73	16.78		
15	256QAM	1	37	16.59	16.71	16.72	16.56	16.69	17.8	5
15	256QAM	1	74	16.57	16.53	16.63	16.57	16.55		
15	256QAM	36	0	16.73	16.64	16.70	16.64	16.61		
15	256QAM	36	20	16.64	16.65	16.68	16.58	16.64	17.8	5
15	256QAM	36	39	16.69	16.63	16.75	16.57	16.66		
15	256QAM	75	0	16.69	16.68	16.74	16.65	16.68		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.00	22.08	21.91	22.13	22.09		
10	QPSK	1	25	22.09	22.26	22.26	22.24	22.12	22.8	0
10	QPSK	1	49	22.05	22.14	22.17	22.21	22.14		
10	QPSK	25	0	21.70	21.72	21.83	21.65	21.72		
10	QPSK	25	12	21.59	21.55	21.73	21.67	21.66	22.3	0.5
10	QPSK	25	25	21.54	21.69	21.80	21.73	21.61		
10	QPSK	50	0	21.60	21.63	21.79	21.70	21.76		
10	16QAM	1	0	21.71	21.73	21.62	21.87	21.56		
10	16QAM	1	25	21.62	21.65	21.75	21.77	21.80	22.3	0.5
10	16QAM	1	49	21.68	21.64	21.92	21.73	21.62		
10	16QAM	25	0	21.04	21.09	21.06	21.28	21.14		
10	16QAM	25	12	21.19	21.13	21.24	21.29	21.15	21.8	1
10	16QAM	25	25	21.07	21.14	21.22	21.35	21.14		
10	16QAM	50	0	21.10	21.18	21.29	21.25	21.11		
10	64QAM	1	0	20.27	20.32	20.30	20.53	20.36		
10	64QAM	1	25	20.37	20.46	20.47	20.51	20.40	20.8	2
10	64QAM	1	49	20.39	20.37	20.59	20.35	20.36		
10	64QAM	25	0	20.10	20.09	20.15	20.27	20.12		
10	64QAM	25	12	20.09	20.14	20.21	20.30	20.14	20.8	2
10	64QAM	25	25	20.04	20.19	20.23	20.24	20.17		
10	64QAM	50	0	19.95	20.09	20.11	20.30	20.02		
10	256QAM	1	0	16.57	16.67	16.79	16.73	16.73		
10	256QAM	1	25	16.63	16.62	16.68	16.58	16.65	17.8	5
10	256QAM	1	49	16.60	16.53	16.59	16.60	16.50		
10	256QAM	25	0	16.62	16.65	16.67	16.62	16.60		
10	256QAM	25	12	16.56	16.68	16.62	16.56	16.65	17.8	5
10	256QAM	25	25	16.78	16.77	16.75	16.66	16.58		
10	256QAM	50	0	16.72	16.64	16.78	16.62	16.67		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.01	22.05	21.91	22.08	22.10		
5	QPSK	1	12	22.11	22.20	22.25	22.23	22.19	22.8	0
5	QPSK	1	24	21.99	22.10	22.19	22.28	22.10		
5	QPSK	12	0	21.74	21.71	21.83	21.79	21.75		
5	QPSK	12	7	21.62	21.62	21.69	21.68	21.60	22.3	0.5
5	QPSK	12	13	21.62	21.72	21.71	21.65	21.68		
5	QPSK	25	0	21.55	21.63	21.72	21.61	21.64		
5	16QAM	1	0	21.58	21.69	21.64	21.78	21.60		
5	16QAM	1	12	21.60	21.57	21.78	21.79	21.76	22.3	0.5
5	16QAM	1	24	21.65	21.61	21.94	21.83	21.60		
5	16QAM	12	0	21.06	21.15	21.10	21.35	21.10		
5	16QAM	12	7	21.15	21.21	21.11	21.20	21.16	21.8	1
5	16QAM	12	13	21.06	21.22	21.21	21.35	21.18		
5	16QAM	25	0	21.09	21.11	21.16	21.30	21.08		
5	64QAM	1	0	20.29	20.30	20.36	20.51	20.40		
5	64QAM	1	12	20.34	20.48	20.42	20.53	20.28	20.8	2
5	64QAM	1	24	20.44	20.42	20.50	20.45	20.29		
5	64QAM	12	0	20.05	20.14	20.19	20.27	20.11		
5	64QAM	12	7	19.99	20.10	20.08	20.20	20.20	20.8	2
5	64QAM	12	13	20.02	20.24	20.24	20.27	20.14		
5	64QAM	25	0	19.99	20.20	20.21	20.30	20.05		
5	256QAM	1	0	16.67	16.63	16.75	16.69	16.80		
5	256QAM	1	12	16.68	16.63	16.72	16.52	16.64	17.8	5
5	256QAM	1	24	16.62	16.55	16.59	16.58	16.53		
5	256QAM	12	0	16.72	16.62	16.67	16.60	16.53		
5	256QAM	12	7	16.70	16.64	16.73	16.60	16.64	17.8	5
5	256QAM	12	13	16.73	16.74	16.77	16.60	16.69		
5	256QAM	25	0	16.65	16.68	16.78	16.58	16.64		

Band 41(HPUE)_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.10	25.08	25.11	25.02	25.00		
20	QPSK	1	49	25.09	25.00	24.97	24.95	24.85	25.8	0
20	QPSK	1	99	25.07	24.94	25.01	24.99	24.95		
20	QPSK	50	0	24.58	24.62	24.65	24.51	24.62		
20	QPSK	50	24	24.44	24.51	24.52	24.48	24.40	25.3	0.5
20	QPSK	50	50	24.48	24.54	24.55	24.46	24.45		
20	QPSK	100	0	24.56	24.53	24.63	24.56	24.52		
20	16QAM	1	0	24.74	24.65	24.75	24.62	24.69		
20	16QAM	1	49	24.61	24.56	24.65	24.58	24.54	25.3	0.5
20	16QAM	1	99	24.60	24.61	24.64	24.50	24.59		
20	16QAM	50	0	24.01	23.98	24.12	23.98	24.09		
20	16QAM	50	24	23.97	23.96	24.03	23.92	23.88	24.8	1
20	16QAM	50	50	24.04	23.98	24.08	23.94	24.02		
20	16QAM	100	0	23.98	23.92	24.00	23.99	23.93		
20	64QAM	1	0	23.50	23.47	23.60	23.47	23.48		
20	64QAM	1	49	23.47	23.50	23.55	23.48	23.52	24.8	1
20	64QAM	1	99	23.56	23.48	23.58	23.51	23.48		
20	64QAM	50	0	23.07	23.12	23.15	23.14	23.12		
20	64QAM	50	24	23.08	22.96	23.09	23.04	23.06	23.8	2
20	64QAM	50	50	22.98	23.08	23.10	22.95	22.95		
20	64QAM	100	0	22.94	22.89	23.01	22.87	22.91		
20	256QAM	1	0	19.87	19.91	20.00	19.95	19.96		
20	256QAM	1	49	19.79	19.79	19.88	19.74	19.78	20.8	5
20	256QAM	1	99	19.81	19.81	19.93	19.83	19.79		
20	256QAM	50	0	19.94	19.91	19.95	19.87	19.88		
20	256QAM	50	24	19.83	19.82	19.90	19.83	19.80	20.8	5
20	256QAM	50	50	19.80	19.81	19.88	19.87	19.81		
20	256QAM	100	0	19.85	19.92	19.95	19.93	19.91		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.97	24.91	24.86	24.83	24.75		
15	QPSK	1	37	25.01	25.00	25.02	24.92	24.88	25.8	0
15	QPSK	1	74	24.93	24.82	24.95	24.90	24.87		
15	QPSK	36	0	24.46	24.60	24.62	24.41	24.48		
15	QPSK	36	20	24.43	24.36	24.50	24.33	24.36	25.3	0.5
15	QPSK	36	39	24.47	24.52	24.51	24.31	24.42		
15	QPSK	75	0	24.49	24.40	24.56	24.48	24.41		
15	16QAM	1	0	24.66	24.61	24.73	24.59	24.58		
15	16QAM	1	37	24.49	24.46	24.58	24.50	24.53	25.3	0.5
15	16QAM	1	74	24.52	24.57	24.62	24.43	24.53		
15	16QAM	36	0	23.98	23.87	24.09	23.83	24.03		
15	16QAM	36	20	23.92	23.87	23.95	23.79	23.83	24.8	1
15	16QAM	36	39	23.97	23.94	23.97	23.87	23.91		
15	16QAM	75	0	23.87	23.86	23.92	23.96	23.90		
15	64QAM	1	0	23.39	23.43	23.45	23.43	23.42		
15	64QAM	1	37	23.33	23.40	23.54	23.44	23.40	24.8	1
15	64QAM	1	74	23.41	23.45	23.55	23.45	23.40		
15	64QAM	36	0	23.02	23.03	23.00	23.00	23.08		
15	64QAM	36	20	23.02	22.94	22.95	22.99	22.97	23.8	2
15	64QAM	36	39	22.92	23.06	23.02	22.82	22.84		
15	64QAM	75	0	22.79	22.77	22.86	22.73	22.86		
15	256QAM	1	0	19.80	19.80	19.85	19.85	19.95		
15	256QAM	1	37	19.70	19.72	19.76	19.70	19.68	20.8	5
15	256QAM	1	74	19.75	19.67	19.85	19.68	19.70		
15	256QAM	36	0	19.82	19.84	19.94	19.84	19.80		
15	256QAM	36	20	19.68	19.71	19.76	19.79	19.73	20.8	5
15	256QAM	36	39	19.66	19.66	19.87	19.79	19.72		
15	256QAM	75	0	19.70	19.85	19.88	19.79	19.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.05	24.97	24.87	24.80	24.70		
10	QPSK	1	25	25.04	25.01	25.03	24.88	24.96	25.8	0
10	QPSK	1	49	24.98	24.93	24.98	24.89	24.86		
10	QPSK	25	0	24.50	24.52	24.61	24.40	24.59		
10	QPSK	25	12	24.38	24.43	24.50	24.45	24.35	25.3	0.5
10	QPSK	25	25	24.36	24.52	24.42	24.34	24.30		
10	QPSK	50	0	24.51	24.45	24.60	24.42	24.45		
10	16QAM	1	0	24.66	24.59	24.60	24.47	24.62		
10	16QAM	1	25	24.58	24.54	24.61	24.46	24.49	25.3	0.5
10	16QAM	1	49	24.57	24.55	24.52	24.44	24.54		
10	16QAM	25	0	23.92	23.85	24.01	23.85	23.95		
10	16QAM	25	12	23.83	23.83	23.94	23.86	23.82	24.8	1
10	16QAM	25	25	23.99	23.95	24.05	23.88	23.93		
10	16QAM	50	0	23.95	23.79	23.95	23.98	23.78		
10	64QAM	1	0	23.47	23.32	23.52	23.40	23.33		
10	64QAM	1	25	23.46	23.43	23.49	23.46	23.38	24.8	1
10	64QAM	1	49	23.43	23.40	23.45	23.39	23.34		
10	64QAM	25	0	22.95	23.08	23.00	23.13	23.00		
10	64QAM	25	12	23.07	22.86	23.07	22.89	22.91	23.8	2
10	64QAM	25	25	22.95	22.95	23.06	22.85	22.91		
10	64QAM	50	0	22.81	22.77	22.95	22.80	22.90		
10	256QAM	1	0	19.82	19.78	19.96	19.93	19.92		
10	256QAM	1	25	19.68	19.65	19.75	19.63	19.71	20.8	5
10	256QAM	1	49	19.78	19.73	19.83	19.71	19.75		
10	256QAM	25	0	19.91	19.84	19.84	19.85	19.73		
10	256QAM	25	12	19.74	19.69	19.88	19.71	19.69	20.8	5
10	256QAM	25	25	19.79	19.80	19.75	19.84	19.79		
10	256QAM	50	0	19.78	19.79	19.91	19.92	19.89		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.94	24.89	24.88	24.88	24.70		
5	QPSK	1	12	25.00	24.93	25.01	24.95	24.97	25.8	0
5	QPSK	1	24	25.00	24.89	24.90	24.92	24.81		
5	QPSK	12	0	24.49	24.50	24.63	24.36	24.61		
5	QPSK	12	7	24.36	24.46	24.37	24.39	24.35	25.3	0.5
5	QPSK	12	13	24.46	24.43	24.45	24.34	24.37		
5	QPSK	25	0	24.42	24.44	24.58	24.43	24.46		
5	16QAM	1	0	24.70	24.64	24.60	24.61	24.64		
5	16QAM	1	12	24.46	24.46	24.58	24.45	24.49	25.3	0.5
5	16QAM	1	24	24.57	24.46	24.49	24.36	24.45		
5	16QAM	12	0	23.89	23.94	24.11	23.95	23.94		
5	16QAM	12	7	23.93	23.81	23.99	23.80	23.80	24.8	1
5	16QAM	12	13	23.99	23.88	24.04	23.84	23.96		
5	16QAM	25	0	23.93	23.79	23.94	23.91	23.86		
5	64QAM	1	0	23.35	23.42	23.59	23.37	23.40		
5	64QAM	1	12	23.34	23.43	23.48	23.42	23.50	24.8	1
5	64QAM	1	24	23.49	23.38	23.44	23.48	23.46		
5	64QAM	12	0	22.93	22.99	23.05	23.06	23.08		
5	64QAM	12	7	22.93	22.91	23.03	23.03	23.05	23.8	2
5	64QAM	12	13	22.84	22.95	22.98	22.94	22.80		
5	64QAM	25	0	22.83	22.75	22.97	22.76	22.81		
5	256QAM	1	0	19.79	19.86	19.93	19.94	19.88		
5	256QAM	1	12	19.66	19.78	19.74	19.65	19.64	20.8	5
5	256QAM	1	24	19.68	19.71	19.78	19.68	19.73		
5	256QAM	12	0	19.80	19.85	19.85	19.86	19.87		
5	256QAM	12	7	19.73	19.76	19.87	19.78	19.72	20.8	5
5	256QAM	12	13	19.77	19.69	19.87	19.85	19.78		
5	256QAM	25	0	19.74	19.90	19.84	19.80	19.90		

Band 41_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.07	17.05	17.10	17.09	17.02	17.8	0
20	QPSK	1	49	17.02	17.01	17.06	17.01	16.97		
20	QPSK	1	99	17.02	16.90	17.01	17.07	16.92		
20	QPSK	50	0	17.05	17.01	17.08	17.07	17.00	17.8	0
20	QPSK	50	24	17.04	16.95	16.97	17.06	16.99		
20	QPSK	50	50	16.98	16.97	17.05	16.98	16.87		
20	QPSK	100	0	17.03	16.90	17.05	17.00	16.95		
20	16QAM	1	0	16.99	16.98	17.07	17.00	16.97	17.8	0
20	16QAM	1	49	16.96	16.95	16.96	16.97	16.94		
20	16QAM	1	99	17.02	16.97	17.07	16.99	17.01		
20	16QAM	50	0	16.92	16.94	17.01	17.02	16.93	17.8	0
20	16QAM	50	24	17.02	16.95	16.95	17.05	16.88		
20	16QAM	50	50	17.04	17.00	17.09	16.97	16.89		
20	16QAM	100	0	17.04	17.03	17.06	17.05	17.00		
20	64QAM	1	0	16.93	17.03	16.98	16.94	16.92	17.8	0
20	64QAM	1	49	16.98	16.94	17.00	17.04	16.92		
20	64QAM	1	99	16.95	16.91	17.09	17.03	16.95		
20	64QAM	50	0	16.99	16.93	16.96	17.08	16.91	17.8	0
20	64QAM	50	24	17.01	16.93	16.96	16.98	16.90		
20	64QAM	50	50	17.03	16.97	17.06	17.08	17.00		
20	64QAM	100	0	17.04	16.91	17.08	17.03	16.96		
20	256QAM	1	0	16.37	16.40	16.48	16.37	16.45	17.3	0.5
20	256QAM	1	49	16.32	16.38	16.43	16.30	16.38		
20	256QAM	1	99	16.40	16.37	16.48	16.35	16.45		
20	256QAM	50	0	16.40	16.41	16.44	16.42	16.41	17.3	0.5
20	256QAM	50	24	16.35	16.37	16.46	16.37	16.35		
20	256QAM	50	50	16.45	16.39	16.50	16.45	16.48		
20	256QAM	100	0	16.50	16.46	16.51	16.48	16.48		
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	17.04	17.02	17.05	16.94	16.87	17.8	0
15	QPSK	1	37	17.01	16.93	16.96	16.93	16.92		
15	QPSK	1	74	16.96	16.83	16.97	17.06	16.85		
15	QPSK	36	0	17.01	17.00	16.98	16.95	16.90	17.8	0
15	QPSK	36	20	16.99	16.88	16.95	16.98	16.86		
15	QPSK	36	39	16.94	16.86	17.02	16.94	16.73		
15	QPSK	75	0	16.93	16.87	17.03	16.85	16.94		
15	16QAM	1	0	16.98	16.91	17.01	16.89	16.89	17.8	0
15	16QAM	1	37	16.81	16.94	16.87	16.85	16.88		
15	16QAM	1	74	16.99	16.86	16.94	16.93	16.91		
15	16QAM	36	0	16.81	16.92	16.96	16.97	16.90	17.8	0
15	16QAM	36	20	16.89	16.93	16.84	16.98	16.83		
15	16QAM	36	39	16.99	16.88	17.02	16.95	16.79		
15	16QAM	75	0	17.01	16.95	16.96	16.93	16.98		
15	64QAM	1	0	16.90	17.02	16.85	16.81	16.88	17.8	0
15	64QAM	1	37	16.87	16.87	16.89	16.95	16.90		
15	64QAM	1	74	16.85	16.88	17.06	16.89	16.94		
15	64QAM	36	0	16.90	16.89	16.91	17.03	16.85	17.8	0
15	64QAM	36	20	16.92	16.80	16.89	16.91	16.77		
15	64QAM	36	39	16.90	16.94	16.99	16.95	16.86		
15	64QAM	75	0	16.95	16.84	17.06	16.99	16.83		
15	256QAM	1	0	16.27	16.39	16.46	16.26	16.43	17.3	0.5
15	256QAM	1	37	16.18	16.28	16.31	16.25	16.28		
15	256QAM	1	74	16.26	16.26	16.42	16.27	16.34		
15	256QAM	36	0	16.36	16.38	16.37	16.41	16.38	17.3	0.5
15	256QAM	36	20	16.28	16.24	16.44	16.30	16.24		
15	256QAM	36	39	16.34	16.34	16.35	16.38	16.34		
15	256QAM	75	0	16.36	16.43	16.40	16.43	16.33		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.97	17.04	17.02	17.07	16.94	17.8	0
10	QPSK	1	25	16.90	16.90	17.05	16.98	16.85		
10	QPSK	1	49	16.96	16.83	16.93	17.01	16.77		
10	QPSK	25	0	17.03	16.94	16.99	16.96	16.86	17.8	0
10	QPSK	25	12	16.92	16.80	16.83	16.99	16.90		
10	QPSK	25	25	16.88	16.85	17.01	16.83	16.76		
10	QPSK	50	0	16.90	16.76	16.98	16.86	16.89		
10	16QAM	1	0	16.94	16.95	17.06	16.86	16.90	17.8	0
10	16QAM	1	25	16.92	16.86	16.92	16.89	16.93		
10	16QAM	1	49	16.88	16.89	16.92	16.97	16.88		
10	16QAM	25	0	16.89	16.80	16.91	16.99	16.88	17.8	0
10	16QAM	25	12	16.93	16.94	16.86	17.04	16.78		
10	16QAM	25	25	16.94	16.85	16.97	16.86	16.87		
10	16QAM	50	0	16.97	17.00	17.00	16.94	16.85		
10	64QAM	1	0	16.82	17.02	16.88	16.86	16.89	17.8	0
10	64QAM	1	25	16.92	16.85	16.91	16.95	16.88		
10	64QAM	1	49	16.84	16.87	17.05	17.00	16.83		
10	64QAM	25	0	16.94	16.83	16.92	16.96	16.78	17.8	0
10	64QAM	25	12	16.99	16.85	16.82	16.84	16.89		
10	64QAM	25	25	16.94	16.95	16.97	17.00	16.99		
10	64QAM	50	0	16.92	16.80	17.05	16.89	16.89		
10	256QAM	1	0	16.34	16.38	16.37	16.27	16.41	17.3	0.5
10	256QAM	1	25	16.19	16.29	16.32	16.26	16.26		
10	256QAM	1	49	16.39	16.32	16.35	16.31	16.44		
10	256QAM	25	0	16.36	16.37	16.42	16.39	16.36	17.3	0.5
10	256QAM	25	12	16.27	16.29	16.33	16.31	16.33		
10	256QAM	25	25	16.31	16.36	16.47	16.35	16.47		
10	256QAM	50	0	16.40	16.43	16.50	16.46	16.45		
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	16.94	16.91	17.05	16.94	16.99	17.8	0
5	QPSK	1	12	16.89	16.97	16.97	16.95	16.82		
5	QPSK	1	24	17.01	16.88	16.97	17.00	16.89		
5	QPSK	12	0	17.01	16.91	17.04	17.06	16.98	17.8	0
5	QPSK	12	7	16.98	16.86	16.93	17.05	16.88		
5	QPSK	12	13	16.88	16.83	16.97	16.90	16.86		
5	QPSK	25	0	16.96	16.87	16.92	16.87	16.85		
5	16QAM	1	0	16.87	16.83	17.00	16.87	16.96	17.8	0
5	16QAM	1	12	16.93	16.83	16.83	16.87	16.86		
5	16QAM	1	24	16.91	16.85	17.02	16.88	16.86		
5	16QAM	12	0	16.86	16.80	16.96	16.97	16.85	17.8	0
5	16QAM	12	7	16.94	16.86	16.83	16.90	16.78		
5	16QAM	12	13	16.95	16.98	16.98	16.89	16.79		
5	16QAM	25	0	16.90	16.99	17.03	16.91	16.85		
5	64QAM	1	0	16.84	16.97	16.92	16.82	16.88	17.8	0
5	64QAM	1	12	16.97	16.92	16.98	16.93	16.82		
5	64QAM	1	24	16.87	16.87	17.08	17.01	16.82		
5	64QAM	12	0	16.90	16.81	16.90	17.05	16.84	17.8	0
5	64QAM	12	7	16.91	16.90	16.82	16.90	16.77		
5	64QAM	12	13	17.00	16.90	16.94	16.93	16.85		
5	64QAM	25	0	16.90	16.79	17.01	17.00	16.89		
5	256QAM	1	0	16.35	16.38	16.35	16.27	16.35	17.3	0.5
5	256QAM	1	12	16.26	16.35	16.36	16.28	16.30		
5	256QAM	1	24	16.26	16.34	16.47	16.26	16.40		
5	256QAM	12	0	16.30	16.31	16.37	16.30	16.34	17.3	0.5
5	256QAM	12	7	16.33	16.32	16.33	16.30	16.32		
5	256QAM	12	13	16.33	16.26	16.47	16.38	16.42		
5	256QAM	25	0	16.35	16.45	16.36	16.38	16.33		

Band 41(HPUE)_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.25	18.27	18.33	18.30	18.20	19.3	0
20	QPSK	1	49	18.20	18.17	18.18	18.29	18.16		
20	QPSK	1	99	18.10	18.12	18.26	18.16	18.15		
20	QPSK	50	0	18.22	18.16	18.30	18.29	18.17	19.3	0
20	QPSK	50	24	18.20	18.15	18.20	18.28	18.07		
20	QPSK	50	50	18.10	18.12	18.25	18.18	18.14		
20	QPSK	100	0	18.15	18.17	18.21	18.15	18.16		
20	16QAM	1	0	18.10	18.23	18.24	18.26	18.09	19.3	0
20	16QAM	1	49	18.15	18.26	18.22	18.23	18.06		
20	16QAM	1	99	18.22	18.15	18.30	18.19	18.18		
20	16QAM	50	0	18.16	18.20	18.24	18.15	18.10	19.3	0
20	16QAM	50	24	18.13	18.19	18.28	18.24	18.13		
20	16QAM	50	50	18.16	18.23	18.20	18.25	18.10		
20	16QAM	100	0	18.23	18.25	18.30	18.16	18.16		
20	64QAM	1	0	18.24	18.13	18.21	18.27	18.08	19.3	0
20	64QAM	1	49	18.17	18.18	18.32	18.29	18.05		
20	64QAM	1	99	18.16	18.23	18.23	18.16	18.16		
20	64QAM	50	0	18.12	18.19	18.19	18.15	18.19	19.3	0
20	64QAM	50	24	18.21	18.23	18.26	18.16	18.09		
20	64QAM	50	50	18.15	18.15	18.20	18.27	18.14		
20	64QAM	100	0	18.21	18.22	18.20	18.22	18.05		
20	256QAM	1	0	18.11	18.25	18.23	18.22	18.08	19.3	0
20	256QAM	1	49	18.18	18.23	18.32	18.21	18.13		
20	256QAM	1	99	18.11	18.12	18.29	18.28	18.05		
20	256QAM	50	0	18.12	18.12	18.23	18.28	18.07	19.3	0
20	256QAM	50	24	18.13	18.13	18.28	18.27	18.10		
20	256QAM	50	50	18.15	18.16	18.21	18.18	18.10		
20	256QAM	100	0	18.12	18.21	18.19	18.19	18.10		
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	18.15	18.26	18.20	18.28	18.16	19.3	0
15	QPSK	1	37	18.17	18.09	18.08	18.26	18.09		
15	QPSK	1	74	17.96	18.08	18.24	18.01	18.13		
15	QPSK	36	0	18.20	18.09	18.18	18.20	18.04	19.3	0
15	QPSK	36	20	18.10	18.12	18.15	18.22	18.02		
15	QPSK	36	39	18.03	17.98	18.16	18.15	18.00		
15	QPSK	75	0	18.08	18.02	18.07	18.12	18.09		
15	16QAM	1	0	17.96	18.14	18.18	18.16	17.94	19.3	0
15	16QAM	1	37	18.12	18.17	18.18	18.11	17.97		
15	16QAM	1	74	18.18	18.05	18.16	18.15	18.11		
15	16QAM	36	0	18.07	18.08	18.21	18.12	17.95	19.3	0
15	16QAM	36	20	17.98	18.11	18.25	18.11	18.01		
15	16QAM	36	39	18.01	18.10	18.07	18.11	18.04		
15	16QAM	75	0	18.19	18.14	18.24	18.03	18.11		
15	64QAM	1	0	18.23	18.03	18.19	18.23	18.03	19.3	0
15	64QAM	1	37	18.10	18.04	18.31	18.14	18.01		
15	64QAM	1	74	18.10	18.13	18.12	18.05	18.01		
15	64QAM	36	0	18.05	18.08	18.16	18.11	18.17	19.3	0
15	64QAM	36	20	18.18	18.22	18.24	18.08	18.02		
15	64QAM	36	39	18.06	18.11	18.05	18.23	18.11		
15	64QAM	75	0	18.20	18.21	18.07	18.20	18.00		
15	256QAM	1	0	18.10	18.24	18.21	18.12	18.04	19.3	0
15	256QAM	1	37	18.16	18.21	18.18	18.11	18.02		
15	256QAM	1	74	18.00	17.97	18.19	18.24	17.93		
15	256QAM	36	0	18.06	18.06	18.10	18.26	17.97	19.3	0
15	256QAM	36	20	18.02	18.06	18.23	18.13	17.97		
15	256QAM	36	39	18.01	18.04	18.07	18.09	17.98		
15	256QAM	75	0	18.05	18.16	18.08	18.07	18.09		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.20	18.16	18.19	18.26	18.18	19.3	0
10	QPSK	1	25	18.16	18.07	18.03	18.14	18.15		
10	QPSK	1	49	18.03	18.06	18.23	18.15	18.03		
10	QPSK	25	0	18.11	18.09	18.15	18.28	18.11	19.3	0
10	QPSK	25	12	18.05	18.06	18.16	18.24	17.93		
10	QPSK	25	25	17.98	18.00	18.23	18.04	17.99		
10	QPSK	50	0	18.00	18.10	18.20	18.01	18.06		
10	16QAM	1	0	18.00	18.15	18.17	18.20	18.01	19.3	0
10	16QAM	1	25	18.03	18.19	18.19	18.22	18.00		
10	16QAM	1	49	18.20	18.07	18.27	18.17	18.08		
10	16QAM	25	0	18.14	18.12	18.16	18.13	17.96	19.3	0
10	16QAM	25	12	18.04	18.09	18.19	18.15	18.12		
10	16QAM	25	25	18.09	18.08	18.11	18.15	18.05		
10	16QAM	50	0	18.08	18.18	18.21	18.12	18.15		
10	64QAM	1	0	18.18	18.09	18.18	18.16	18.06	19.3	0
10	64QAM	1	25	18.12	18.12	18.21	18.24	17.97		
10	64QAM	1	49	18.06	18.15	18.21	18.04	18.09		
10	64QAM	25	0	17.97	18.11	18.11	18.08	18.06	19.3	0
10	64QAM	25	12	18.18	18.10	18.23	18.04	18.02		
10	64QAM	25	25	18.06	18.06	18.16	18.19	18.01		
10	64QAM	50	0	18.14	18.13	18.11	18.07	18.02		
10	256QAM	1	0	18.09	18.24	18.09	18.15	18.06	19.3	0
10	256QAM	1	25	18.04	18.09	18.28	18.13	18.05		
10	256QAM	1	49	18.10	18.03	18.23	18.14	17.99		
10	256QAM	25	0	18.05	17.97	18.16	18.26	17.94	19.3	0
10	256QAM	25	12	18.00	18.00	18.23	18.14	18.09		
10	256QAM	25	25	18.06	18.10	18.08	18.04	18.06		
10	256QAM	50	0	18.09	18.11	18.09	18.16	17.95		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.16	18.13	18.23	18.29	18.13	19.3	0
5	QPSK	1	12	18.17	18.15	18.12	18.22	18.07		
5	QPSK	1	24	18.04	18.08	18.25	18.07	18.07		
5	QPSK	12	0	18.10	18.01	18.23	18.22	18.16	19.3	0
5	QPSK	12	7	18.09	18.02	18.12	18.17	18.06		
5	QPSK	12	13	18.03	18.01	18.12	18.09	18.03		
5	QPSK	25	0	18.12	18.05	18.15	18.01	18.07		
5	16QAM	1	0	18.08	18.10	18.12	18.23	18.06	19.3	0
5	16QAM	1	12	18.00	18.16	18.10	18.18	18.03		
5	16QAM	1	24	18.18	18.08	18.26	18.10	18.05		
5	16QAM	12	0	18.13	18.17	18.11	18.14	18.02	19.3	0
5	16QAM	12	7	18.01	18.05	18.18	18.13	18.08		
5	16QAM	12	13	18.02	18.09	18.16	18.21	18.05		
5	16QAM	25	0	18.10	18.18	18.20	18.03	18.10		
5	64QAM	1	0	18.09	18.01	18.11	18.17	18.07	19.3	0
5	64QAM	1	12	18.09	18.10	18.19	18.23	17.90		
5	64QAM	1	24	18.11	18.21	18.15	18.03	18.15		
5	64QAM	12	0	17.99	18.05	18.18	18.07	18.11	19.3	0
5	64QAM	12	7	18.14	18.18	18.15	18.14	18.00		
5	64QAM	12	13	18.03	18.00	18.12	18.17	18.06		
5	64QAM	25	0	18.20	18.12	18.08	18.08	17.94		
5	256QAM	1	0	17.97	18.21	18.12	18.14	18.00	19.3	0
5	256QAM	1	12	18.11	18.08	18.27	18.12	17.99		
5	256QAM	1	24	18.10	18.11	18.16	18.20	17.95		
5	256QAM	12	0	18.04	18.11	18.17	18.16	18.05	19.3	0
5	256QAM	12	7	18.12	18.01	18.23	18.22	18.06		
5	256QAM	12	13	18.01	18.14	18.10	18.09	18.04		
5	256QAM	25	0	18.09	18.08	18.09	18.09	18.03		

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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	15.17	15.15	15.22	15.19	15.20	15.7	0
20	QPSK	1	49	15.04	15.04	15.16	15.04	15.13		
20	QPSK	1	99	15.13	15.08	15.09	15.17	15.15		
20	QPSK	50	0	15.16	15.13	15.19	15.18	15.17	15.7	0
20	QPSK	50	24	15.05	15.11	15.15	15.13	15.16		
20	QPSK	50	50	15.10	15.01	15.11	15.17	15.07		
20	QPSK	100	0	15.08	15.02	15.16	15.13	15.06		
20	16QAM	1	0	15.13	15.01	15.15	15.13	15.08	15.7	0
20	16QAM	1	49	15.07	15.06	15.08	15.08	15.15		
20	16QAM	1	99	15.16	15.03	15.11	15.14	15.13		
20	16QAM	50	0	15.14	15.03	15.08	15.04	15.17	15.7	0
20	16QAM	50	24	15.10	15.01	15.12	15.13	15.18		
20	16QAM	50	50	15.03	15.02	15.21	15.08	15.11		
20	16QAM	100	0	15.08	15.03	15.16	15.09	15.19		
20	64QAM	1	0	15.05	15.14	15.07	15.15	15.15	15.7	0
20	64QAM	1	49	15.03	15.09	15.14	15.18	15.17		
20	64QAM	1	99	15.16	15.14	15.10	15.06	15.09		
20	64QAM	50	0	15.10	15.09	15.08	15.17	15.19	15.7	0
20	64QAM	50	24	15.09	15.07	15.16	15.16	15.06		
20	64QAM	50	50	15.05	15.10	15.18	15.13	15.18		
20	64QAM	100	0	15.13	15.03	15.12	15.18	15.18		
20	256QAM	1	0	15.04	15.10	15.10	15.08	15.17	15.7	0
20	256QAM	1	49	15.07	15.09	15.08	15.06	15.12		
20	256QAM	1	99	15.15	15.00	15.08	15.13	15.15		
20	256QAM	50	0	15.11	15.04	15.12	15.11	15.06	15.7	0
20	256QAM	50	24	15.13	15.02	15.19	15.11	15.15		
20	256QAM	50	50	15.11	15.10	15.08	15.14	15.19		
20	256QAM	100	0	15.10	15.13	15.15	15.12	15.07		
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	15.12	15.02	15.20	15.16	15.16	15.7	0
15	QPSK	1	37	14.97	14.91	15.15	14.94	15.04		
15	QPSK	1	74	14.99	14.98	15.08	15.09	15.08		
15	QPSK	36	0	15.11	15.09	15.18	15.14	15.05	15.7	0
15	QPSK	36	20	14.99	15.04	15.00	15.11	15.02		
15	QPSK	36	39	15.02	14.94	15.08	15.05	15.06		
15	QPSK	75	0	14.95	14.97	15.08	14.98	14.98		
15	16QAM	1	0	15.05	15.00	15.13	14.99	14.93	15.7	0
15	16QAM	1	37	14.98	14.95	14.99	14.98	15.12		
15	16QAM	1	74	15.05	14.91	15.07	14.99	15.02		
15	16QAM	36	0	15.01	14.99	15.01	14.94	15.16	15.7	0
15	16QAM	36	20	14.99	14.95	14.97	15.07	15.14		
15	16QAM	36	39	14.97	14.95	15.15	15.05	14.96		
15	16QAM	75	0	15.07	14.95	15.11	14.98	15.13		
15	64QAM	1	0	15.04	15.00	14.95	15.02	15.03	15.7	0
15	64QAM	1	37	14.96	14.94	15.05	15.03	15.02		
15	64QAM	1	74	15.03	15.08	15.07	14.92	15.01		
15	64QAM	36	0	14.98	15.08	15.07	15.06	15.08	15.7	0
15	64QAM	36	20	15.03	14.92	15.15	15.15	14.96		
15	64QAM	36	39	14.95	14.99	15.11	15.02	15.17		
15	64QAM	75	0	15.04	14.95	15.06	15.14	15.05		
15	256QAM	1	0	14.95	15.00	15.08	14.93	15.16	15.7	0
15	256QAM	1	37	15.03	15.06	14.94	14.92	15.10		
15	256QAM	1	74	15.09	14.88	14.93	15.11	15.10		
15	256QAM	36	0	15.08	14.99	15.04	15.05	14.91	15.7	0
15	256QAM	36	20	14.99	14.87	15.05	15.08	15.07		
15	256QAM	36	39	15.01	15.05	15.03	15.03	15.14		
15	256QAM	75	0	14.96	15.06	15.00	15.04	15.00		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.03	15.14	15.12	15.08	15.18	15.7	0
10	QPSK	1	25	14.92	15.03	15.13	14.94	15.10		
10	QPSK	1	49	15.05	14.98	15.04	15.11	15.14		
10	QPSK	25	0	15.02	15.01	15.06	15.05	15.06	15.7	0
10	QPSK	25	12	15.02	15.04	15.11	15.01	15.01		
10	QPSK	25	25	14.99	14.88	15.05	15.06	15.06		
10	QPSK	50	0	14.93	14.88	15.06	14.98	14.95		
10	16QAM	1	0	15.12	14.86	15.07	15.07	14.94	15.7	0
10	16QAM	1	25	14.93	14.93	15.01	14.96	15.12		
10	16QAM	1	49	15.15	14.96	15.09	15.05	15.02		
10	16QAM	25	0	15.02	14.93	15.01	14.90	15.14	15.7	0
10	16QAM	25	12	14.98	14.86	15.06	15.05	15.06		
10	16QAM	25	25	15.01	14.91	15.11	15.05	15.01		
10	16QAM	50	0	15.01	14.96	15.11	14.95	15.07		
10	64QAM	1	0	15.04	15.06	15.04	15.06	15.00	15.7	0
10	64QAM	1	25	14.97	15.04	15.09	15.16	15.10		
10	64QAM	1	49	15.10	15.01	15.07	15.02	14.96		
10	64QAM	25	0	15.05	14.95	14.99	15.12	15.06	15.7	0
10	64QAM	25	12	14.96	14.96	15.10	15.09	14.94		
10	64QAM	25	25	15.00	15.04	15.13	15.04	15.10		
10	64QAM	50	0	15.08	14.95	15.05	15.17	15.17		
10	256QAM	1	0	14.96	15.07	14.99	14.93	15.12	15.7	0
10	256QAM	1	25	14.93	14.97	14.96	14.95	15.01		
10	256QAM	1	49	15.07	14.97	14.96	15.09	15.07		
10	256QAM	25	0	15.07	14.95	14.97	15.08	14.91	15.7	0
10	256QAM	25	12	15.09	14.90	15.14	15.09	15.01		
10	256QAM	25	25	15.02	14.99	14.97	14.99	15.14		
10	256QAM	50	0	15.04	15.04	15.09	15.05	14.94		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	15.09	15.13	15.15	15.13	15.14	15.7	0
5	QPSK	1	12	14.94	15.02	15.06	14.99	15.08		
5	QPSK	1	24	15.09	15.02	15.06	15.03	15.08		
5	QPSK	12	0	15.11	15.01	15.11	15.14	15.11	15.7	0
5	QPSK	12	7	14.94	15.00	15.01	15.05	15.02		
5	QPSK	12	13	14.99	14.98	15.10	15.16	15.04		
5	QPSK	25	0	15.07	15.01	15.01	15.07	15.05		
5	16QAM	1	0	15.06	14.92	15.00	15.01	14.93	15.7	0
5	16QAM	1	12	15.05	14.93	14.98	14.97	15.05		
5	16QAM	1	24	15.07	14.92	15.09	15.01	14.98		
5	16QAM	12	0	15.07	14.99	14.95	14.96	15.13	15.7	0
5	16QAM	12	7	14.98	14.94	15.02	15.09	15.14		
5	16QAM	12	13	15.01	14.87	15.16	15.03	14.99		
5	16QAM	25	0	15.06	14.92	15.05	15.07	15.16		
5	64QAM	1	0	14.97	15.12	14.96	15.06	15.11	15.7	0
5	64QAM	1	12	14.99	15.07	15.12	15.11	15.03		
5	64QAM	1	24	15.15	15.09	14.99	14.93	15.04		
5	64QAM	12	0	15.06	15.03	14.99	15.13	15.16	15.7	0
5	64QAM	12	7	15.04	15.04	15.09	15.06	14.99		
5	64QAM	12	13	14.90	15.06	15.08	15.09	15.05		
5	64QAM	25	0	15.03	14.92	15.02	15.05	15.07		
5	256QAM	1	0	14.93	15.02	15.08	15.01	15.15	15.7	0
5	256QAM	1	12	15.01	15.01	15.06	15.01	14.97		
5	256QAM	1	24	15.10	14.92	15.07	15.09	15.09		
5	256QAM	12	0	15.03	14.97	15.04	15.02	15.04	15.7	0
5	256QAM	12	7	15.02	14.91	15.12	15.00	15.07		
5	256QAM	12	13	15.07	14.96	14.98	15.09	15.05		
5	256QAM	25	0	14.98	15.09	15.02	15.01	14.94		

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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	15.85	15.80	15.92	15.88	15.90	16.7	0
20	QPSK	1	49	15.78	15.75	15.88	15.83	15.76		
20	QPSK	1	99	15.77	15.78	15.78	15.79	15.82		
20	QPSK	50	0	15.84	15.77	15.90	15.85	15.87	16.7	0
20	QPSK	50	24	15.76	15.74	15.86	15.84	15.77		
20	QPSK	50	50	15.82	15.67	15.79	15.73	15.80		
20	QPSK	100	0	15.82	15.68	15.89	15.79	15.82		
20	16QAM	1	0	15.73	15.69	15.90	15.81	15.76	16.7	0
20	16QAM	1	49	15.83	15.68	15.82	15.86	15.85		
20	16QAM	1	99	15.79	15.66	15.81	15.75	15.83		
20	16QAM	50	0	15.73	15.75	15.91	15.82	15.89	16.7	0
20	16QAM	50	24	15.84	15.77	15.89	15.81	15.84		
20	16QAM	50	50	15.72	15.66	15.87	15.78	15.78		
20	16QAM	100	0	15.72	15.79	15.81	15.77	15.85		
20	64QAM	1	0	15.72	15.79	15.91	15.79	15.86	16.7	0
20	64QAM	1	49	15.78	15.69	15.89	15.79	15.80		
20	64QAM	1	99	15.75	15.73	15.82	15.82	15.79		
20	64QAM	50	0	15.71	15.65	15.86	15.79	15.77	16.7	0
20	64QAM	50	24	15.75	15.78	15.87	15.81	15.79		
20	64QAM	50	50	15.76	15.66	15.84	15.87	15.78		
20	64QAM	100	0	15.84	15.65	15.78	15.84	15.80		
20	256QAM	1	0	15.80	15.76	15.90	15.81	15.77	16.7	0
20	256QAM	1	49	15.83	15.72	15.84	15.81	15.79		
20	256QAM	1	99	15.70	15.77	15.77	15.85	15.82		
20	256QAM	50	0	15.75	15.77	15.86	15.79	15.75	16.7	0
20	256QAM	50	24	15.76	15.65	15.90	15.74	15.83		
20	256QAM	50	50	15.70	15.75	15.88	15.75	15.84		
20	256QAM	100	0	15.83	15.79	15.86	15.81	15.84		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	15.78	15.66	15.91	15.75	15.87	16.7	0
15	QPSK	1	37	15.65	15.64	15.73	15.74	15.70		
15	QPSK	1	74	15.63	15.67	15.71	15.70	15.74		
15	QPSK	36	0	15.69	15.73	15.88	15.73	15.80	16.7	0
15	QPSK	36	20	15.61	15.68	15.73	15.82	15.73		
15	QPSK	36	39	15.79	15.63	15.72	15.69	15.66		
15	QPSK	75	0	15.76	15.64	15.74	15.76	15.78		
15	16QAM	1	0	15.58	15.56	15.80	15.69	15.64	16.7	0
15	16QAM	1	37	15.78	15.56	15.72	15.71	15.70		
15	16QAM	1	74	15.70	15.65	15.74	15.61	15.80		
15	16QAM	36	0	15.68	15.65	15.89	15.73	15.87	16.7	0
15	16QAM	36	20	15.81	15.74	15.87	15.78	15.69		
15	16QAM	36	39	15.68	15.56	15.72	15.65	15.71		
15	16QAM	75	0	15.58	15.78	15.69	15.73	15.81		
15	64QAM	1	0	15.71	15.71	15.83	15.68	15.82	16.7	0
15	64QAM	1	37	15.64	15.58	15.88	15.67	15.68		
15	64QAM	1	74	15.68	15.58	15.81	15.76	15.78		
15	64QAM	36	0	15.66	15.64	15.82	15.66	15.69	16.7	0
15	64QAM	36	20	15.70	15.77	15.82	15.70	15.67		
15	64QAM	36	39	15.66	15.60	15.70	15.86	15.67		
15	64QAM	75	0	15.81	15.61	15.73	15.78	15.75		
15	256QAM	1	0	15.78	15.68	15.83	15.77	15.71	16.7	0
15	256QAM	1	37	15.82	15.71	15.80	15.70	15.71		
15	256QAM	1	74	15.63	15.64	15.76	15.83	15.81		
15	256QAM	36	0	15.74	15.65	15.85	15.74	15.68	16.7	0
15	256QAM	36	20	15.66	15.52	15.84	15.64	15.82		
15	256QAM	36	39	15.59	15.65	15.85	15.72	15.82		
15	256QAM	75	0	15.73	15.71	15.83	15.66	15.75		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.83	15.68	15.89	15.81	15.78	16.7	0
10	QPSK	1	25	15.66	15.69	15.87	15.77	15.61		
10	QPSK	1	49	15.75	15.68	15.71	15.73	15.74		
10	QPSK	25	0	15.77	15.62	15.88	15.81	15.86	16.7	0
10	QPSK	25	12	15.75	15.63	15.74	15.70	15.62		
10	QPSK	25	25	15.77	15.52	15.67	15.64	15.71		
10	QPSK	50	0	15.75	15.56	15.77	15.77	15.78		
10	16QAM	1	0	15.67	15.59	15.82	15.69	15.61	16.7	0
10	16QAM	1	25	15.77	15.67	15.71	15.72	15.78		
10	16QAM	1	49	15.76	15.58	15.80	15.68	15.73		
10	16QAM	25	0	15.67	15.64	15.86	15.70	15.77	16.7	0
10	16QAM	25	12	15.83	15.69	15.75	15.71	15.82		
10	16QAM	25	25	15.71	15.57	15.72	15.72	15.69		
10	16QAM	50	0	15.62	15.71	15.76	15.65	15.79		
10	64QAM	1	0	15.61	15.78	15.82	15.65	15.84	16.7	0
10	64QAM	1	25	15.76	15.61	15.85	15.76	15.75		
10	64QAM	1	49	15.71	15.60	15.67	15.75	15.74		
10	64QAM	25	0	15.65	15.53	15.79	15.65	15.64	16.7	0
10	64QAM	25	12	15.66	15.70	15.81	15.76	15.65		
10	64QAM	25	25	15.71	15.64	15.81	15.78	15.65		
10	64QAM	50	0	15.81	15.58	15.75	15.75	15.76		
10	256QAM	1	0	15.79	15.71	15.75	15.68	15.70	16.7	0
10	256QAM	1	25	15.81	15.61	15.78	15.69	15.66		
10	256QAM	1	49	15.62	15.62	15.76	15.83	15.76		
10	256QAM	25	0	15.71	15.69	15.81	15.72	15.73	16.7	0
10	256QAM	25	12	15.68	15.62	15.83	15.65	15.77		
10	256QAM	25	25	15.66	15.63	15.82	15.70	15.77		
10	256QAM	50	0	15.72	15.66	15.81	15.72	15.80		
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	15.76	15.67	15.83	15.77	15.79	16.7	0
5	QPSK	1	12	15.65	15.67	15.86	15.71	15.63		
5	QPSK	1	24	15.72	15.77	15.72	15.75	15.75		
5	QPSK	12	0	15.79	15.70	15.83	15.82	15.75	16.7	0
5	QPSK	12	7	15.67	15.66	15.84	15.79	15.69		
5	QPSK	12	13	15.68	15.53	15.70	15.65	15.79		
5	QPSK	25	0	15.81	15.65	15.83	15.76	15.74		
5	16QAM	1	0	15.67	15.55	15.83	15.77	15.74	16.7	0
5	16QAM	1	12	15.72	15.66	15.69	15.76	15.77		
5	16QAM	1	24	15.67	15.61	15.66	15.70	15.77		
5	16QAM	12	0	15.58	15.60	15.81	15.75	15.74	16.7	0
5	16QAM	12	7	15.80	15.65	15.81	15.79	15.73		
5	16QAM	12	13	15.64	15.52	15.85	15.76	15.72		
5	16QAM	25	0	15.68	15.76	15.73	15.62	15.77		
5	64QAM	1	0	15.67	15.65	15.76	15.65	15.82	16.7	0
5	64QAM	1	12	15.70	15.56	15.82	15.64	15.77		
5	64QAM	1	24	15.60	15.61	15.73	15.68	15.75		
5	64QAM	12	0	15.66	15.64	15.76	15.75	15.70	16.7	0
5	64QAM	12	7	15.60	15.77	15.74	15.77	15.74		
5	64QAM	12	13	15.71	15.65	15.75	15.72	15.67		
5	64QAM	25	0	15.77	15.50	15.77	15.82	15.75		
5	256QAM	1	0	15.73	15.72	15.77	15.79	15.62	16.7	0
5	256QAM	1	12	15.72	15.60	15.78	15.80	15.72		
5	256QAM	1	24	15.61	15.63	15.76	15.81	15.67		
5	256QAM	12	0	15.61	15.63	15.78	15.65	15.68	16.7	0
5	256QAM	12	7	15.66	15.53	15.84	15.72	15.79		
5	256QAM	12	13	15.66	15.60	15.85	15.70	15.73		
5	256QAM	25	0	15.81	15.72	15.73	15.75	15.79		

Band 41_Ant 7

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	16.50	16.90	16.96	16.90	16.88	17.8	0
20	QPSK	1	49	16.36	16.76	16.94	16.80	16.85		
20	QPSK	1	99	16.35	16.85	16.82	16.85	16.78		
20	QPSK	50	0	16.47	16.86	16.95	16.86	16.85	17.8	0
20	QPSK	50	24	16.42	16.82	16.90	16.84	16.80		
20	QPSK	50	50	16.44	16.77	16.93	16.78	16.82		
20	QPSK	100	0	16.36	16.84	16.92	16.78	16.79		
20	16QAM	1	0	16.48	16.82	16.81	16.86	16.79	17.8	0
20	16QAM	1	49	16.49	16.84	16.90	16.87	16.84		
20	16QAM	1	99	16.47	16.81	16.85	16.81	16.80		
20	16QAM	50	0	16.49	16.84	16.94	16.80	16.76	17.8	0
20	16QAM	50	24	16.40	16.85	16.93	16.75	16.80		
20	16QAM	50	50	16.47	16.76	16.89	16.81	16.78		
20	16QAM	100	0	16.48	16.78	16.85	16.81	16.75		
20	64QAM	1	0	15.99	16.31	16.38	16.34	16.27	17.8	0
20	64QAM	1	49	15.95	16.21	16.32	16.31	16.30		
20	64QAM	1	99	15.98	16.25	16.26	16.22	16.16		
20	64QAM	50	0	15.60	15.95	16.08	16.02	16.07	16.8	1
20	64QAM	50	24	15.50	15.87	15.93	15.78	15.91		
20	64QAM	50	50	15.49	15.96	15.99	15.94	15.95		
20	64QAM	100	0	15.50	15.87	15.98	15.97	15.86		
20	256QAM	1	0	12.55	12.85	12.96	12.86	12.89	13.8	4
20	256QAM	1	49	12.46	12.79	12.89	12.84	12.86		
20	256QAM	1	99	12.34	12.72	12.85	12.75	12.78		
20	256QAM	50	0	12.37	12.72	12.82	12.78	12.68	13.8	4
20	256QAM	50	24	12.41	12.82	12.89	12.83	12.81		
20	256QAM	50	50	12.40	12.81	12.87	12.79	12.76		
20	256QAM	100	0	12.46	12.85	12.87	12.82	12.73		
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	16.75	16.88	16.83	16.78	17.8	0
15	QPSK	1	37	16.26	16.73	16.82	16.68	16.84		
15	QPSK	1	74	16.20	16.83	16.74	16.80	16.67		
15	QPSK	36	0	16.34	16.80	16.84	16.71	16.77	17.8	0
15	QPSK	36	20	16.40	16.77	16.76	16.82	16.71		
15	QPSK	36	39	16.42	16.70	16.82	16.67	16.79		
15	QPSK	75	0	16.23	16.78	16.85	16.69	16.76		
15	16QAM	1	0	16.41	16.72	16.80	16.82	16.69	17.8	0
15	16QAM	1	37	16.44	16.75	16.75	16.82	16.77		
15	16QAM	1	74	16.34	16.77	16.74	16.73	16.74		
15	16QAM	36	0	16.42	16.78	16.87	16.79	16.73	17.8	0
15	16QAM	36	20	16.35	16.80	16.86	16.62	16.74		
15	16QAM	36	39	16.40	16.71	16.79	16.71	16.74		
15	16QAM	75	0	16.44	16.70	16.80	16.69	16.68		
15	64QAM	1	0	15.87	16.28	16.36	16.22	16.23	17.8	0
15	64QAM	1	37	15.88	16.17	16.19	16.21	16.23		
15	64QAM	1	74	15.94	16.19	16.14	16.14	16.05		
15	64QAM	36	0	15.48	15.84	16.06	15.90	16.03	16.8	1
15	64QAM	36	20	15.47	15.84	15.89	15.72	15.78		
15	64QAM	36	39	15.34	15.94	15.94	15.87	15.87		
15	64QAM	75	0	15.45	15.75	15.94	15.96	15.71		
15	256QAM	1	0	12.48	12.76	12.84	12.73	12.74	13.8	4
15	256QAM	1	37	12.38	12.65	12.86	12.76	12.84		
15	256QAM	1	74	12.21	12.68	12.80	12.65	12.71		
15	256QAM	36	0	12.31	12.58	12.80	12.64	12.62	13.8	4
15	256QAM	36	20	12.27	12.77	12.88	12.69	12.77		
15	256QAM	36	39	12.37	12.70	12.80	12.68	12.74		
15	256QAM	75	0	12.45	12.79	12.73	12.78	12.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.35	16.75	16.88	16.78	16.78	17.8	0
10	QPSK	1	25	16.23	16.69	16.85	16.74	16.74		
10	QPSK	1	49	16.25	16.80	16.79	16.81	16.72		
10	QPSK	25	0	16.44	16.78	16.83	16.81	16.74	17.8	0
10	QPSK	25	12	16.41	16.70	16.77	16.80	16.65		
10	QPSK	25	25	16.38	16.65	16.87	16.69	16.81		
10	QPSK	50	0	16.32	16.70	16.86	16.72	16.69		
10	16QAM	1	0	16.44	16.78	16.69	16.75	16.74	17.8	0
10	16QAM	1	25	16.42	16.76	16.81	16.77	16.70		
10	16QAM	1	49	16.45	16.72	16.70	16.76	16.77		
10	16QAM	25	0	16.44	16.69	16.88	16.66	16.61	17.8	0
10	16QAM	25	12	16.32	16.76	16.89	16.62	16.74		
10	16QAM	25	25	16.34	16.71	16.81	16.70	16.73		
10	16QAM	50	0	16.41	16.67	16.74	16.73	16.67		
10	64QAM	1	0	15.95	16.21	16.31	16.33	16.21	17.8	0
10	64QAM	1	25	15.89	16.17	16.29	16.27	16.17		
10	64QAM	1	49	15.87	16.11	16.15	16.10	16.04		
10	64QAM	25	0	15.49	15.91	16.06	16.00	15.93	16.8	1
10	64QAM	25	12	15.36	15.78	15.89	15.72	15.76		
10	64QAM	25	25	15.42	15.85	15.87	15.93	15.91		
10	64QAM	50	0	15.43	15.76	15.87	15.82	15.82		
10	256QAM	1	0	12.44	12.81	12.83	12.80	12.74	13.8	4
10	256QAM	1	25	12.37	12.74	12.78	12.83	12.72		
10	256QAM	1	49	12.32	12.58	12.83	12.71	12.69		
10	256QAM	25	0	12.36	12.62	12.78	12.75	12.57	13.8	4
10	256QAM	25	12	12.31	12.77	12.86	12.69	12.70		
10	256QAM	25	25	12.32	12.70	12.78	12.70	12.73		
10	256QAM	50	0	12.38	12.74	12.74	12.76	12.64		
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	16.36	16.82	16.94	16.77	16.77	17.8	0
5	QPSK	1	12	16.31	16.67	16.83	16.71	16.77		
5	QPSK	1	24	16.26	16.80	16.75	16.76	16.75		
5	QPSK	12	0	16.37	16.79	16.93	16.80	16.83	17.8	0
5	QPSK	12	7	16.28	16.74	16.77	16.69	16.74		
5	QPSK	12	13	16.40	16.68	16.79	16.65	16.79		
5	QPSK	25	0	16.21	16.71	16.77	16.73	16.78		
5	16QAM	1	0	16.37	16.81	16.75	16.74	16.70	17.8	0
5	16QAM	1	12	16.35	16.77	16.84	16.75	16.83		
5	16QAM	1	24	16.42	16.72	16.70	16.72	16.78		
5	16QAM	12	0	16.48	16.75	16.85	16.72	16.74	17.8	0
5	16QAM	12	7	16.36	16.79	16.86	16.63	16.79		
5	16QAM	12	13	16.43	16.67	16.88	16.72	16.70		
5	16QAM	25	0	16.40	16.71	16.73	16.75	16.69		
5	64QAM	1	0	15.84	16.26	16.36	16.23	16.22	17.8	0
5	64QAM	1	12	15.87	16.09	16.30	16.29	16.15		
5	64QAM	1	24	15.96	16.22	16.14	16.21	16.11		
5	64QAM	12	0	15.54	15.92	15.99	15.93	15.99	16.8	1
5	64QAM	12	7	15.45	15.84	15.81	15.73	15.89		
5	64QAM	12	13	15.47	15.85	15.92	15.82	15.89		
5	64QAM	25	0	15.36	15.80	15.91	15.84	15.75		
5	256QAM	1	0	12.52	12.83	12.84	12.80	12.75	13.8	4
5	256QAM	1	12	12.31	12.72	12.79	12.82	12.74		
5	256QAM	1	24	12.27	12.68	12.84	12.68	12.75		
5	256QAM	12	0	12.30	12.71	12.80	12.74	12.54	13.8	4
5	256QAM	12	7	12.31	12.76	12.77	12.72	12.71		
5	256QAM	12	13	12.31	12.70	12.72	12.68	12.64		
5	256QAM	25	0	12.34	12.81	12.76	12.78	12.68		

Band 41(HPUE)_Ant 7

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	18.20	18.55	18.58	18.50	18.49	19.3	0
20	QPSK	1	49	18.06	18.50	18.37	18.36	18.36		
20	QPSK	1	99	18.09	18.41	18.46	18.45	18.37		
20	QPSK	50	0	18.18	18.52	18.56	18.47	18.46	19.3	0
20	QPSK	50	24	18.15	18.50	18.46	18.41	18.44		
20	QPSK	50	50	18.12	18.46	18.46	18.43	18.42		
20	QPSK	100	0	18.10	18.50	18.53	18.40	18.36		
20	16QAM	1	0	18.10	18.46	18.49	18.41	18.34	19.3	0
20	16QAM	1	49	18.07	18.48	18.38	18.39	18.43		
20	16QAM	1	99	18.08	18.46	18.45	18.48	18.45		
20	16QAM	50	0	18.09	18.41	18.45	18.45	18.34	19.3	0
20	16QAM	50	24	18.05	18.52	18.41	18.42	18.47		
20	16QAM	50	50	18.11	18.43	18.38	18.44	18.38		
20	16QAM	100	0	18.13	18.43	18.47	18.47	18.35		
20	64QAM	1	0	18.11	18.43	18.37	18.39	18.38	19.3	0
20	64QAM	1	49	18.09	18.41	18.42	18.45	18.48		
20	64QAM	1	99	18.15	18.45	18.47	18.40	18.47		
20	64QAM	50	0	18.08	18.51	18.45	18.47	18.45	19.3	0
20	64QAM	50	24	18.09	18.41	18.43	18.47	18.41		
20	64QAM	50	50	18.08	18.53	18.44	18.42	18.38		
20	64QAM	100	0	18.05	18.49	18.51	18.48	18.46		
20	256QAM	1	0	15.53	15.88	16.00	15.95	15.99	16.8	2.5
20	256QAM	1	49	15.48	15.88	15.92	15.88	15.87		
20	256QAM	1	99	15.49	15.82	15.93	15.87	15.85		
20	256QAM	50	0	15.50	15.82	15.94	15.89	15.84	16.8	2.5
20	256QAM	50	24	15.55	15.85	15.96	15.92	15.93		
20	256QAM	50	50	15.47	15.82	15.92	15.80	15.82		
20	256QAM	100	0	15.47	15.80	15.92	15.80	15.88		
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	18.13	18.47	18.47	18.40	18.42	19.3	0
15	QPSK	1	37	18.03	18.42	18.31	18.25	18.28		
15	QPSK	1	74	18.05	18.36	18.31	18.40	18.28		
15	QPSK	36	0	18.13	18.38	18.42	18.33	18.34	19.3	0
15	QPSK	36	20	18.06	18.35	18.35	18.26	18.40		
15	QPSK	36	39	17.98	18.33	18.31	18.29	18.40		
15	QPSK	75	0	18.04	18.48	18.40	18.33	18.29		
15	16QAM	1	0	17.95	18.39	18.39	18.35	18.24	19.3	0
15	16QAM	1	37	18.03	18.38	18.30	18.31	18.36		
15	16QAM	1	74	18.00	18.43	18.42	18.36	18.31		
15	16QAM	36	0	17.97	18.29	18.44	18.31	18.26	19.3	0
15	16QAM	36	20	17.91	18.41	18.30	18.31	18.34		
15	16QAM	36	39	18.07	18.29	18.37	18.29	18.30		
15	16QAM	75	0	18.06	18.32	18.46	18.43	18.21		
15	64QAM	1	0	17.98	18.29	18.34	18.34	18.32	19.3	0
15	64QAM	1	37	18.02	18.39	18.35	18.43	18.45		
15	64QAM	1	74	18.13	18.38	18.40	18.26	18.42		
15	64QAM	36	0	17.98	18.42	18.32	18.39	18.43	19.3	0
15	64QAM	36	20	18.04	18.29	18.32	18.35	18.31		
15	64QAM	36	39	17.99	18.45	18.30	18.32	18.25		
15	64QAM	75	0	17.92	18.34	18.40	18.36	18.32		
15	256QAM	1	0	15.39	15.77	15.93	15.87	15.85	16.8	2.5
15	256QAM	1	37	15.45	15.81	15.89	15.85	15.79		
15	256QAM	1	74	15.40	15.69	15.82	15.79	15.73		
15	256QAM	36	0	15.38	15.79	15.92	15.78	15.74	16.8	2.5
15	256QAM	36	20	15.49	15.76	15.92	15.82	15.80		
15	256QAM	36	39	15.36	15.70	15.80	15.74	15.74		
15	256QAM	75	0	15.46	15.78	15.82	15.72	15.82		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.11	18.42	18.46	18.40	18.43	19.3	0
10	QPSK	1	25	18.01	18.45	18.25	18.32	18.33		
10	QPSK	1	49	18.05	18.37	18.35	18.44	18.33		
10	QPSK	25	0	18.12	18.38	18.43	18.39	18.45	19.3	0
10	QPSK	25	12	18.11	18.43	18.31	18.29	18.36		
10	QPSK	25	25	18.00	18.37	18.36	18.28	18.41		
10	QPSK	50	0	18.07	18.46	18.50	18.26	18.33		
10	16QAM	1	0	18.06	18.41	18.41	18.30	18.20	19.3	0
10	16QAM	1	25	17.95	18.34	18.34	18.37	18.35		
10	16QAM	1	49	18.01	18.44	18.35	18.43	18.36		
10	16QAM	25	0	18.03	18.35	18.42	18.31	18.24	19.3	0
10	16QAM	25	12	17.97	18.45	18.36	18.40	18.36		
10	16QAM	25	25	17.99	18.35	18.30	18.30	18.29		
10	16QAM	50	0	18.12	18.39	18.33	18.45	18.29		
10	64QAM	1	0	18.01	18.41	18.25	18.25	18.31	19.3	0
10	64QAM	1	25	18.05	18.35	18.33	18.43	18.34		
10	64QAM	1	49	18.07	18.40	18.43	18.31	18.36		
10	64QAM	25	0	17.94	18.49	18.39	18.32	18.31	19.3	0
10	64QAM	25	12	18.01	18.36	18.33	18.41	18.40		
10	64QAM	25	25	18.07	18.40	18.40	18.38	18.26		
10	64QAM	50	0	17.95	18.41	18.49	18.41	18.40		
10	256QAM	1	0	15.49	15.77	15.92	15.91	15.87	16.8	2.5
10	256QAM	1	25	15.41	15.76	15.77	15.73	15.79		
10	256QAM	1	49	15.40	15.74	15.87	15.74	15.79		
10	256QAM	25	0	15.49	15.77	15.93	15.87	15.72	16.8	2.5
10	256QAM	25	12	15.45	15.73	15.86	15.86	15.82		
10	256QAM	25	25	15.45	15.76	15.91	15.77	15.79		
10	256QAM	50	0	15.46	15.74	15.82	15.73	15.87		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.18	18.44	18.57	18.35	18.46	19.3	0
5	QPSK	1	12	17.95	18.47	18.30	18.33	18.26		
5	QPSK	1	24	17.98	18.30	18.32	18.31	18.30		
5	QPSK	12	0	18.06	18.39	18.54	18.35	18.33	19.3	0
5	QPSK	12	7	18.05	18.40	18.33	18.26	18.36		
5	QPSK	12	13	18.05	18.39	18.37	18.30	18.32		
5	QPSK	25	0	17.95	18.41	18.50	18.26	18.35		
5	16QAM	1	0	18.05	18.35	18.42	18.27	18.23	19.3	0
5	16QAM	1	12	18.00	18.39	18.23	18.34	18.28		
5	16QAM	1	24	18.07	18.37	18.32	18.36	18.33		
5	16QAM	12	0	18.00	18.36	18.43	18.32	18.29	19.3	0
5	16QAM	12	7	17.90	18.44	18.37	18.40	18.41		
5	16QAM	12	13	18.03	18.28	18.33	18.31	18.26		
5	16QAM	25	0	18.06	18.30	18.38	18.43	18.21		
5	64QAM	1	0	18.04	18.32	18.29	18.32	18.30	19.3	0
5	64QAM	1	12	18.05	18.28	18.35	18.41	18.39		
5	64QAM	1	24	18.08	18.32	18.38	18.37	18.45		
5	64QAM	12	0	18.01	18.41	18.40	18.35	18.33	19.3	0
5	64QAM	12	7	17.99	18.32	18.36	18.44	18.32		
5	64QAM	12	13	17.96	18.48	18.35	18.36	18.30		
5	64QAM	25	0	17.92	18.42	18.43	18.40	18.36		
5	256QAM	1	0	15.52	15.74	15.98	15.88	15.95	16.8	2.5
5	256QAM	1	12	15.44	15.87	15.85	15.83	15.84		
5	256QAM	1	24	15.43	15.74	15.91	15.81	15.71		
5	256QAM	12	0	15.35	15.79	15.90	15.80	15.76	16.8	2.5
5	256QAM	12	7	15.46	15.74	15.81	15.89	15.78		
5	256QAM	12	13	15.44	15.75	15.86	15.69	15.78		
5	256QAM	25	0	15.40	15.69	15.87	15.76	15.86		

CA_7C_Ant 5											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full	24.35	25.00
21100	21298	QPSK	1	0	0	0	1	0	Full	24.40	25.00
21350	21152	QPSK	1	0	0	0	1	0	Full	24.33	25.00
20850	21048	QPSK	1	0	0	0	1	0	ECI 5	24.35	25.00
21100	21298	QPSK	1	0	0	0	1	0	ECI 5	24.40	25.00
21350	21152	QPSK	1	0	0	0	1	0	ECI 5	24.33	25.00
20850	21048	QPSK	1	0	0	0	1	0	ECI 10	24.35	25.00
21100	21298	QPSK	1	0	0	0	1	0	ECI 10	24.40	25.00
21350	21152	QPSK	1	0	0	0	1	0	ECI 10	24.33	25.00
20850	21048	QPSK	1	0	0	0	1	0	ECI 3	18.74	19.50
21100	21298	QPSK	1	0	0	0	1	0	ECI 3	18.82	19.50
21350	21152	QPSK	1	0	0	0	1	0	ECI 3	18.77	19.50
20850	21048	QPSK	1	0	0	0	1	0	ECI 8	18.74	19.50
21100	21298	QPSK	1	0	0	0	1	0	ECI 8	18.82	19.50
21350	21152	QPSK	1	0	0	0	1	0	ECI 8	18.77	19.50

CA_38C_Ant 5											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	Full	24.35	25.00
37901	38099	QPSK	1	0	0	0	1	0	Full	24.42	25.00
38150	37952	QPSK	1	0	0	0	1	0	Full	24.30	25.00
37850	38048	QPSK	1	0	0	0	1	0	ECI 5	24.35	25.00
37901	38099	QPSK	1	0	0	0	1	0	ECI 5	24.42	25.00
38150	37952	QPSK	1	0	0	0	1	0	ECI 5	24.30	25.00
37850	38048	QPSK	1	0	0	0	1	0	ECI 10	24.35	25.00
37901	38099	QPSK	1	0	0	0	1	0	ECI 10	24.42	25.00
38150	37952	QPSK	1	0	0	0	1	0	ECI 10	24.30	25.00
37850	38048	QPSK	1	0	0	0	1	0	ECI 3	20.74	21.50
37901	38099	QPSK	1	0	0	0	1	0	ECI 3	20.81	21.50
38150	37952	QPSK	1	0	0	0	1	0	ECI 3	20.77	21.50
37850	38048	QPSK	1	0	0	0	1	0	ECI 8	20.74	21.50
37901	38099	QPSK	1	0	0	0	1	0	ECI 8	20.81	21.50
38150	37952	QPSK	1	0	0	0	1	0	ECI 8	20.77	21.50

CA_7C_Ant 6											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full	23.68	24.50
21100	21298	QPSK	1	0	0	0	1	0	Full	23.79	24.50
21350	21152	QPSK	1	0	0	0	1	0	Full	23.75	24.50
20850	21048	QPSK	1	0	0	0	1	0	ECI 5	15.50	16.50
21100	21298	QPSK	1	0	0	0	1	0	ECI 5	15.60	16.50
21350	21152	QPSK	1	0	0	0	1	0	ECI 5	15.49	16.50
20850	21048	QPSK	1	0	0	0	1	0	ECI 10	14.42	15.50
21100	21298	QPSK	1	0	0	0	1	0	ECI 10	14.60	15.50
21350	21152	QPSK	1	0	0	0	1	0	ECI 10	14.55	15.50
20850	21048	QPSK	1	0	0	0	1	0	ECI 3	18.70	19.50
21100	21298	QPSK	1	0	0	0	1	0	ECI 3	18.80	19.50
21350	21152	QPSK	1	0	0	0	1	0	ECI 3	18.77	19.50
20850	21048	QPSK	1	0	0	0	1	0	ECI 8	16.30	17.50
21100	21298	QPSK	1	0	0	0	1	0	ECI 8	16.50	17.50
21350	21152	QPSK	1	0	0	0	1	0	ECI 8	16.38	17.50

CA_38C_Ant 6											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	Full	23.72	24.40
37901	38099	QPSK	1	0	0	0	1	0	Full	23.80	24.40
38150	37952	QPSK	1	0	0	0	1	0	Full	23.69	24.40
37850	38048	QPSK	1	0	0	0	1	0	ECI 5	17.77	18.40
37901	38099	QPSK	1	0	0	0	1	0	ECI 5	17.83	18.40
38150	37952	QPSK	1	0	0	0	1	0	ECI 5	17.80	18.40
37850	38048	QPSK	1	0	0	0	1	0	ECI 10	17.18	17.90
37901	38099	QPSK	1	0	0	0	1	0	ECI 10	17.20	17.90
38150	37952	QPSK	1	0	0	0	1	0	ECI 10	17.15	17.90
37850	38048	QPSK	1	0	0	0	1	0	ECI 3	19.72	20.40
37901	38099	QPSK	1	0	0	0	1	0	ECI 3	19.76	20.40
38150	37952	QPSK	1	0	0	0	1	0	ECI 3	19.69	20.40
37850	38048	QPSK	1	0	0	0	1	0	ECI 8	18.15	18.90
37901	38099	QPSK	1	0	0	0	1	0	ECI 8	18.22	18.90
38150	37952	QPSK	1	0	0	0	1	0	ECI 8	18.18	18.90

CA_7C_Ant 11											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full	23.83	24.40
21100	21298	QPSK	1	0	0	0	1	0	Full	23.89	24.40
21350	21152	QPSK	1	0	0	0	1	0	Full	23.80	24.40
20850	21048	QPSK	1	0	0	0	1	0	ECI 5	16.70	17.40
21100	21298	QPSK	1	0	0	0	1	0	ECI 5	16.78	17.40
21350	21152	QPSK	1	0	0	0	1	0	ECI 5	16.74	17.40
20850	21048	QPSK	1	0	0	0	1	0	ECI 10	15.80	16.40
21100	21298	QPSK	1	0	0	0	1	0	ECI 10	15.87	16.40
21350	21152	QPSK	1	0	0	0	1	0	ECI 10	15.78	16.40
20850	21048	QPSK	1	0	0	0	1	0	ECI 3	18.72	19.40
21100	21298	QPSK	1	0	0	0	1	0	ECI 3	18.79	19.40
21350	21152	QPSK	1	0	0	0	1	0	ECI 3	18.75	19.40
20850	21048	QPSK	1	0	0	0	1	0	ECI 8	16.70	17.40
21100	21298	QPSK	1	0	0	0	1	0	ECI 8	16.78	17.40
21350	21152	QPSK	1	0	0	0	1	0	ECI 8	16.74	17.40

CA_38C_Ant 11											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	Full	24.00	24.40
37901	38099	QPSK	1	0	0	0	1	0	Full	24.05	24.40
38150	37952	QPSK	1	0	0	0	1	0	Full	23.97	24.40
37850	38048	QPSK	1	0	0	0	1	0	ECI 5	15.30	15.90
37901	38099	QPSK	1	0	0	0	1	0	ECI 5	15.38	15.90
38150	37952	QPSK	1	0	0	0	1	0	ECI 5	15.28	15.90
37850	38048	QPSK	1	0	0	0	1	0	ECI 10	14.77	15.40
37901	38099	QPSK	1	0	0	0	1	0	ECI 10	14.83	15.40
38150	37952	QPSK	1	0	0	0	1	0	ECI 10	14.75	15.40
37850	38048	QPSK	1	0	0	0	1	0	ECI 3	19.85	20.40
37901	38099	QPSK	1	0	0	0	1	0	ECI 3	19.96	20.40
38150	37952	QPSK	1	0	0	0	1	0	ECI 3	19.88	20.40
37850	38048	QPSK	1	0	0	0	1	0	ECI 8	18.16	18.90
37901	38099	QPSK	1	0	0	0	1	0	ECI 8	18.24	18.90
38150	37952	QPSK	1	0	0	0	1	0	ECI 8	18.20	18.90

CA_7C_Ant 7											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full	19.30	21.00
21100	21298	QPSK	1	0	0	0	1	0	Full	19.72	21.00
21350	21152	QPSK	1	0	0	0	1	0	Full	19.96	21.00
20850	21048	QPSK	1	0	0	0	1	0	ECI 5	15.85	17.50
21100	21298	QPSK	1	0	0	0	1	0	ECI 5	16.25	17.50
21350	21152	QPSK	1	0	0	0	1	0	ECI 5	16.40	17.50
20850	21048	QPSK	1	0	0	0	1	0	ECI 10	13.87	15.50
21100	21298	QPSK	1	0	0	0	1	0	ECI 10	14.26	15.50
21350	21152	QPSK	1	0	0	0	1	0	ECI 10	14.52	15.50
20850	21048	QPSK	1	0	0	0	1	0	ECI 3	19.30	21.00
21100	21298	QPSK	1	0	0	0	1	0	ECI 3	19.72	21.00
21350	21152	QPSK	1	0	0	0	1	0	ECI 3	19.96	21.00
20850	21048	QPSK	1	0	0	0	1	0	ECI 8	17.45	19.00
21100	21298	QPSK	1	0	0	0	1	0	ECI 8	17.97	19.00
21350	21152	QPSK	1	0	0	0	1	0	ECI 8	18.23	19.00

CA_38C_Ant 7											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	Full	20.30	21.00
37901	38099	QPSK	1	0	0	0	1	0	Full	20.40	21.00
38150	37952	QPSK	1	0	0	0	1	0	Full	20.34	21.00
37850	38048	QPSK	1	0	0	0	1	0	ECI 5	17.08	18.00
37901	38099	QPSK	1	0	0	0	1	0	ECI 5	17.13	18.00
38150	37952	QPSK	1	0	0	0	1	0	ECI 5	17.05	18.00
37850	38048	QPSK	1	0	0	0	1	0	ECI 10	16.14	17.00
37901	38099	QPSK	1	0	0	0	1	0	ECI 10	16.17	17.00
38150	37952	QPSK	1	0	0	0	1	0	ECI 10	16.12	17.00
37850	38048	QPSK	1	0	0	0	1	0	ECI 3	20.30	21.00
37901	38099	QPSK	1	0	0	0	1	0	ECI 3	20.40	21.00
38150	37952	QPSK	1	0	0	0	1	0	ECI 3	20.34	21.00
37850	38048	QPSK	1	0	0	0	1	0	ECI 8	18.66	19.50
37901	38099	QPSK	1	0	0	0	1	0	ECI 8	18.73	19.50
38150	37952	QPSK	1	0	0	0	1	0	ECI 8	18.69	19.50

Full&Default Power Mode

n2_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.91	22.92	22.91	24.2	0.0
20	PI/2 BPSK	1	53	22.86	22.93	22.84		
20	PI/2 BPSK	1	104	22.78	22.89	22.83		
20	PI/2 BPSK	50	0	22.31	22.42	22.32	23.7	0.5
20	PI/2 BPSK	50	28	22.86	22.92	22.87	24.2	0.0
20	PI/2 BPSK	50	56	22.36	22.38	22.35	23.7	0.5
20	PI/2 BPSK	100	0	22.38	22.43	22.32		
20	QPSK	1	1	22.87	22.96	22.93	24.2	0.0
20	QPSK	1	53	22.77	22.87	22.83		
20	QPSK	1	104	22.73	22.86	22.72		
20	QPSK	50	0	22.28	22.40	22.28	23.7	0.5
20	QPSK	50	28	22.83	22.89	22.85	24.2	0.0
20	QPSK	50	56	22.33	22.36	22.30	23.7	0.5
20	QPSK	100	0	22.34	22.37	22.27		
20	16QAM	1	1	22.17	22.18	22.09	23.2	1.0
20	64QAM	1	1	21.72	21.78	21.67	22.7	1.5
20	256QAM	1	1	21.24	21.32	21.30	22.2	2.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.83	22.89	22.90	24.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.81	22.84	22.85	24.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.74	22.87	22.83	24.2	0.0

n2_Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.69	22.75	22.60	23.8	0.0
20	PI/2 BPSK	1	53	22.66	22.72	22.64		
20	PI/2 BPSK	1	104	22.63	22.70	22.55		
20	PI/2 BPSK	50	0	22.17	22.24	22.22	23.3	0.5
20	PI/2 BPSK	50	28	22.70	22.74	22.65	23.8	0.0
20	PI/2 BPSK	50	56	22.20	22.22	22.09	23.3	0.5
20	PI/2 BPSK	100	0	22.10	22.24	22.18		
20	QPSK	1	1	22.73	22.78	22.69	23.8	0.0
20	QPSK	1	53	22.60	22.70	22.68		
20	QPSK	1	104	22.66	22.67	22.60		
20	QPSK	50	0	22.13	22.20	22.08	23.3	0.5
20	QPSK	50	28	22.57	22.69	22.64	23.8	0.0
20	QPSK	50	56	21.99	22.13	22.06	23.3	0.5
20	QPSK	100	0	22.07	22.16	22.06		
20	16QAM	1	1	21.93	21.99	21.84	22.8	1.0
20	64QAM	1	1	21.57	21.58	21.48	22.3	1.5
20	256QAM	1	1	21.04	21.15	21.02	21.8	2.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.58	22.70	22.56	23.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.70	22.70	22.61	23.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.60	22.72	22.57	23.8	0.0

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BW [MHz]	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	24.32	24.40	24.25	25.7	0.0
20	PI/2 BPSK	1	53	24.31	24.41	24.33		
20	PI/2 BPSK	1	104	24.29	24.39	24.36		
20	PI/2 BPSK	50	0	23.95	24.02	23.99	25.2	0.5
20	PI/2 BPSK	50	28	24.40	24.45	24.48	25.7	0.0
20	PI/2 BPSK	50	56	23.87	23.95	23.82	25.2	0.5
20	PI/2 BPSK	100	0	23.90	24.03	23.90		
20	QPSK	1	1	24.44	24.50	24.46	25.7	0.0
20	QPSK	1	53	24.32	24.38	24.33		
20	QPSK	1	104	24.31	24.33	24.32		
20	QPSK	50	0	23.88	23.98	23.86	25.2	0.5
20	QPSK	50	28	24.47	24.48	24.35	25.7	0.0
20	QPSK	50	56	23.87	23.95	23.86	25.2	0.5
20	QPSK	100	0	23.81	23.92	23.84		
20	16QAM	1	1	23.52	23.62	23.50	24.7	1.0
20	64QAM	1	1	23.17	23.18	23.05	24.2	1.5
20	256QAM	1	1	22.66	22.77	22.66	23.7	2.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.31	24.36	24.43	25.7	0.0
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.41	24.42	24.32	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	24.31	24.48	24.45	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	23.90	23.95	23.82	25.3	0.0
20	PI/2 BPSK	1	53	23.81	23.91	23.87		
20	PI/2 BPSK	1	104	23.85	23.96	23.86		
20	PI/2 BPSK	50	0	23.60	23.61	23.52	24.8	0.5
20	PI/2 BPSK	50	28	23.79	23.92	23.89	25.3	0.0
20	PI/2 BPSK	50	56	23.52	23.55	23.52	24.8	0.5
20	PI/2 BPSK	100	0	23.48	23.57	23.42		
20	QPSK	1	1	23.98	24.07	23.91	25.3	0.0
20	QPSK	1	53	23.82	23.97	23.87		
20	QPSK	1	104	23.80	23.94	23.84		
20	QPSK	50	0	23.40	23.53	23.43	24.8	0.5
20	QPSK	50	28	23.98	24.06	23.94	25.3	0.0
20	QPSK	50	56	23.38	23.50	23.46	24.8	0.5
20	QPSK	100	0	23.44	23.52	23.45		
20	16QAM	1	1	23.13	23.16	23.04	24.3	1.0
20	64QAM	1	1	22.67	22.73	22.61	23.8	1.5
20	256QAM	1	1	22.37	22.38	22.26	23.3	2.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.83	23.94	23.80	25.3	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.83	23.97	23.77	25.3	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.84	23.96	23.81	25.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	24.04	24.15	24.00	25.4	0.0
40	PI/2 BPSK	1	108	24.04	24.13	24.09		
40	PI/2 BPSK	1	214	24.10	24.20	24.14		
40	PI/2 BPSK	108	0	23.60	23.70	23.67	24.9	0.5
40	PI/2 BPSK	108	54	24.03	24.08	23.96	25.4	0.0
40	PI/2 BPSK	108	108	23.59	23.71	23.69	24.9	0.5
40	PI/2 BPSK	216	0	23.54	23.61	23.58		
40	QPSK	1	1	24.19	24.22	24.16	25.4	0.0
40	QPSK	1	108	24.05	24.14	23.99		
40	QPSK	1	214	24.18	24.20	24.15		
40	QPSK	108	0	23.49	23.56	23.53	24.9	0.5
40	QPSK	108	54	23.95	24.10	23.97	25.4	0.0
40	QPSK	108	108	23.58	23.59	23.48	24.9	0.5
40	QPSK	216	0	23.49	23.53	23.46		
40	16QAM	1	1	23.24	23.28	23.20	24.4	1.0
40	64QAM	1	1	22.89	22.90	22.83	23.9	1.5
40	256QAM	1	1	22.26	22.39	22.29	23.4	2.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.17	24.18	24.05	25.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.17	24.07	24.11	25.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.06	24.09	24.03	25.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.05	24.08	24.07	25.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.17	24.20	24.14	25.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.17	24.19	24.14	25.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.58	23.72	23.57	24.9	0.0
40	PI/2 BPSK	1	108	23.66	23.75	23.62		
40	PI/2 BPSK	1	214	23.65	23.76	23.65		
40	PI/2 BPSK	108	0	23.11	23.21	23.10	24.4	0.5
40	PI/2 BPSK	108	54	23.62	23.76	23.65	24.9	0.0
40	PI/2 BPSK	108	108	23.05	23.20	23.17	24.4	0.5
40	PI/2 BPSK	216	0	23.12	23.14	23.03		
40	QPSK	1	1	23.76	23.78	23.71	24.9	0.0
40	QPSK	1	108	23.58	23.73	23.69		
40	QPSK	1	214	23.57	23.67	23.52		
40	QPSK	108	0	23.10	23.14	22.99	24.4	0.5
40	QPSK	108	54	23.59	23.72	23.67	24.9	0.0
40	QPSK	108	108	23.05	23.16	23.10	24.4	0.5
40	QPSK	216	0	23.07	23.11	23.09		
40	16QAM	1	1	22.80	22.94	22.89	23.9	1.0
40	64QAM	1	1	22.34	22.47	22.35	23.4	1.5
40	256QAM	1	1	21.92	21.98	21.88	22.9	2.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.63	23.67	23.57	24.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.73	23.73	23.69	24.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.73	23.63	23.60	24.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.69	23.69	23.69	24.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.70	23.71	23.59	24.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.72	23.72	23.60	24.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.80	23.85	23.75	24.8	0.0
40	PI/2 BPSK	1	108	23.90	23.94	23.87		
40	PI/2 BPSK	1	214	23.89	23.92	23.88		
40	PI/2 BPSK	108	0	23.25	23.36	23.31	24.3	0.5
40	PI/2 BPSK	108	54	23.86	23.92	23.91	24.8	0.0
40	PI/2 BPSK	108	108	23.35	23.37	23.23	24.3	0.5
40	PI/2 BPSK	216	0	23.21	23.33	23.25		
40	QPSK	1	1	23.92	23.96	23.94	24.8	0.0
40	QPSK	1	108	23.87	23.92	23.85		
40	QPSK	1	214	23.79	23.90	23.85		
40	QPSK	108	0	23.21	23.33	23.26	24.3	0.5
40	QPSK	108	54	23.78	23.84	23.71	24.8	0.0
40	QPSK	108	108	23.32	23.35	23.23	24.3	0.5
40	QPSK	216	0	23.19	23.28	23.26		
40	16QAM	1	1	23.00	23.08	23.00	24.3	0.5
40	64QAM	1	1	22.56	22.64	22.52	23.3	1.5
40	256QAM	1	1	22.01	22.11	22.02	22.8	2.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.85	23.87	23.93	24.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.80	23.81	23.81	24.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.85	23.82	23.90	24.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.86	23.85	23.81	24.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.79	23.89	23.82	24.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.80	23.95	23.93	24.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.97	20.12	20.09	21.4	0.0
40	PI/2 BPSK	1	108	19.93	20.05	19.91		
40	PI/2 BPSK	1	214	20.13	20.12	20.10		
40	PI/2 BPSK	108	0	19.37	19.44	19.36	20.9	0.5
40	PI/2 BPSK	108	54	20.04	20.07	19.94	21.4	0.0
40	PI/2 BPSK	108	108	19.51	19.60	19.48	20.9	0.5
40	PI/2 BPSK	216	0	19.35	19.47	19.39		
40	QPSK	1	1	20.09	20.18	20.11	21.4	0.0
40	QPSK	1	108	19.96	20.15	20.03		
40	QPSK	1	214	20.03	20.15	20.08		
40	QPSK	108	0	19.31	19.40	19.38	20.9	0.5
40	QPSK	108	54	20.02	20.03	20.00	21.4	0.0
40	QPSK	108	108	19.44	19.57	19.49	20.9	0.5
40	QPSK	216	0	19.42	19.45	19.34		
40	16QAM	1	1	18.91	19.03	19.01	20.9	0.5
40	64QAM	1	1	18.53	18.57	18.47	19.9	1.5
40	256QAM	1	1	18.03	18.10	18.01	19.4	2.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.03	20.10	20.03	21.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.98	20.05	19.96	21.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.05	20.09	19.97	21.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.98	20.04	20.06	21.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.96	20.14	20.04	21.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.97	20.08	20.06	21.4	0.0

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BW [MHz]	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	22.46	22.58	22.45	24.2	0.0
15	PI/2 BPSK	1	40	22.60	22.66	22.56		
15	PI/2 BPSK	1	77	22.62	22.69	22.59		
15	PI/2 BPSK	36	0	22.15	22.26	22.25	23.7	0.5
15	PI/2 BPSK	36	22	22.64	22.74	22.71	24.2	0.0
15	PI/2 BPSK	36	43	22.19	22.25	22.16	23.7	0.5
15	PI/2 BPSK	75	0	22.20	22.26	22.19		
15	QPSK	1	1	22.68	22.77	22.75	24.2	0.0
15	QPSK	1	40	22.62	22.66	22.62		
15	QPSK	1	77	22.60	22.69	22.57		
15	QPSK	36	0	22.19	22.27	22.18	23.7	0.5
15	QPSK	36	22	22.74	22.75	22.72	24.2	0.0
15	QPSK	36	43	22.22	22.25	22.23	23.7	0.5
15	QPSK	75	0	22.20	22.28	22.16		
15	16QAM	1	1	21.84	21.90	21.84	23.2	1.0
15	64QAM	1	1	21.35	21.45	21.35	22.7	1.5
	256QAM	1	1	21.05	21.17	21.11	22.2	2.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.55	22.62	22.73	24.2	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	22.67	22.62	24.2	0.0

n12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	21.97	22.09	21.98	23.8	0.0
15	PI/2 BPSK	1	40	22.02	22.10	21.98		
15	PI/2 BPSK	1	77	22.06	22.08	21.95		
15	PI/2 BPSK	36	0	21.63	21.73	21.70	23.3	0.5
15	PI/2 BPSK	36	22	22.05	22.15	22.07	23.8	0.0
15	PI/2 BPSK	36	43	21.50	21.64	21.49	23.3	0.5
15	PI/2 BPSK	75	0	21.64	21.71	21.66		
15	QPSK	1	1	22.01	22.16	22.10	23.8	0.0
15	QPSK	1	40	21.99	22.12	22.08		
15	QPSK	1	77	21.95	22.10	22.03		
15	QPSK	36	0	21.63	21.72	21.65	23.3	0.5
15	QPSK	36	22	22.11	22.16	22.15	23.8	0.0
15	QPSK	36	43	21.51	21.66	21.63	23.3	0.5
15	QPSK	75	0	21.51	21.64	21.50		
15	16QAM	1	1	21.31	21.35	21.27	22.8	1.0
15	64QAM	1	1	20.87	20.95	20.82	22.3	1.5
	256QAM	1	1	20.58	20.62	20.54	21.8	2.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	21.90	22.12	21.97	23.8	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	21.94	22.07	22.01	23.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	24.32	24.38	24.27	25.7	0.0
20	PI/2 BPSK	1	53	24.29	24.39	24.24		
20	PI/2 BPSK	1	104	24.39	24.40	24.39		
20	PI/2 BPSK	50	0	23.89	23.97	23.90	25.2	0.5
20	PI/2 BPSK	50	28	24.34	24.42	24.39	25.7	0.0
20	PI/2 BPSK	50	56	23.94	24.00	23.93	25.2	0.5
20	PI/2 BPSK	100	0	23.85	23.97	23.90		
20	QPSK	1	1	24.44	24.51	24.39	25.7	0.0
20	QPSK	1	53	24.32	24.35	24.30		
20	QPSK	1	104	24.25	24.39	24.37		
20	QPSK	50	0	23.86	23.92	23.85	25.2	0.5
20	QPSK	50	28	24.43	24.45	24.33	25.7	0.0
20	QPSK	50	56	23.90	23.96	23.95	25.2	0.5
20	QPSK	100	0	23.88	23.91	23.80		
20	16QAM	1	1	23.64	23.67	23.60	24.7	1.0
20	64QAM	1	1	23.14	23.24	23.10	24.2	1.5
20	256QAM	1	1	22.67	22.82	22.73	23.7	2.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.30	24.43	24.26	25.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.31	24.42	24.30	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	24.39	24.30	24.25	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	24.06	24.10	23.98	25.3	0.0
20	PI/2 BPSK	1	53	24.14	24.15	24.12		
20	PI/2 BPSK	1	104	23.92	24.05	24.12		
20	PI/2 BPSK	50	0	23.61	23.75	23.72	24.8	0.5
20	PI/2 BPSK	50	28	24.02	24.12	24.11	25.3	0.0
20	PI/2 BPSK	50	56	23.67	23.80	23.71	24.8	0.5
20	PI/2 BPSK	100	0	23.67	23.78	23.70		
20	QPSK	1	1	24.07	24.16	24.15	25.3	0.0
20	QPSK	1	53	24.00	24.13	24.07		
20	QPSK	1	104	24.03	24.15	24.08		
20	QPSK	50	0	23.61	23.70	23.65	24.8	0.5
20	QPSK	50	28	23.99	24.05	24.05	25.3	0.0
20	QPSK	50	56	23.67	23.74	23.66	24.8	0.5
20	QPSK	100	0	23.58	23.70	23.60		
20	16QAM	1	1	23.37	23.46	23.40	24.3	1.0
20	64QAM	1	1	22.91	22.98	22.87	23.8	1.5
20	256QAM	1	1	22.53	22.65	22.63	23.3	2.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.92	24.14	24.06	25.3	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.95	24.14	24.09	25.3	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.97	24.05	24.06	25.3	0.0

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BW [MHz]	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	24.10	24.20	24.08	25.4	0.0
40	PI/2 BPSK	1	108	24.13	24.23	24.20		
40	PI/2 BPSK	1	214	23.94	24.08	23.99		
40	PI/2 BPSK	108	0	23.74	23.80	23.74	24.9	0.5
40	PI/2 BPSK	108	54	24.14	24.22	24.07	25.4	0.0
40	PI/2 BPSK	108	108	23.61	23.75	23.71	24.9	0.5
40	PI/2 BPSK	216	0	23.66	23.76	23.71		
40	QPSK	1	1	24.18	24.26	24.20	25.4	0.0
40	QPSK	1	108	24.16	24.25	24.15		
40	QPSK	1	214	24.09	24.13	24.07		
40	QPSK	108	0	22.95	22.98	22.93	24.4	1.0
40	QPSK	108	54	24.05	24.20	24.08	25.4	0.0
40	QPSK	108	108	22.93	22.91	22.98	24.4	1.0
40	QPSK	216	0	22.96	23.00	22.98		
40	16QAM	1	1	23.30	23.36	23.29	24.4	1.0
40	64QAM	1	1	22.82	22.88	22.87	23.9	1.5
40	256QAM	1	1	22.50	22.51	22.41	23.4	2.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.07	24.12	24.09	25.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.10	24.23	24.15	25.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.08	24.18	24.05	25.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.10	24.20	24.06	25.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.09	24.20	24.18	25.4	0.0

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BW [MHz]	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	23.97	23.98	23.94	24.6	0.0
40	PI/2 BPSK	1	108	23.96	24.04	23.90		
40	PI/2 BPSK	1	214	23.77	23.86	23.71		
40	PI/2 BPSK	108	0	23.55	23.58	23.48	24.1	0.5
40	PI/2 BPSK	108	54	23.83	23.98	23.93	24.6	0.0
40	PI/2 BPSK	108	108	23.46	23.52	23.42	24.1	0.5
40	PI/2 BPSK	216	0	23.53	23.55	23.42		
40	QPSK	1	1	24.05	24.06	23.96	24.6	0.0
40	QPSK	1	108	23.91	23.98	23.88		
40	QPSK	1	214	23.71	23.81	23.66		
40	QPSK	108	0	22.42	22.54	22.47	23.6	1.0
40	QPSK	108	54	23.71	23.84	23.78	24.6	0.0
40	QPSK	108	108	22.24	22.39	22.36	23.6	1.0
40	QPSK	216	0	22.34	22.44	22.42		
40	16QAM	1	1	22.97	23.12	22.98	23.6	1.0
40	64QAM	1	1	22.59	22.62	22.60	23.1	1.5
40	256QAM	1	1	22.18	22.28	22.21	22.6	2.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.04	23.94	23.89	24.6	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.94	23.96	23.86	24.6	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.02	23.91	23.93	24.6	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.97	23.93	23.87	24.6	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.02	24.00	23.90	24.6	0.0

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BW [MHz]	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	23.59	23.74	23.61	24.8	0.0
40	PI/2 BPSK	1	108	23.66	23.77	23.73		
40	PI/2 BPSK	1	214	23.64	23.65	23.52		
40	PI/2 BPSK	108	0	23.22	23.27	23.13	24.3	0.5
40	PI/2 BPSK	108	54	23.70	23.72	23.68	24.8	0.0
40	PI/2 BPSK	108	108	23.19	23.23	23.13	24.3	0.5
40	PI/2 BPSK	216	0	23.21	23.25	23.11		
40	QPSK	1	1	23.75	23.78	23.64	24.8	0.0
40	QPSK	1	108	23.74	23.75	23.63		
40	QPSK	1	214	23.64	23.66	23.57		
40	QPSK	108	0	22.31	22.35	22.30	23.8	1.0
40	QPSK	108	54	23.59	23.68	23.54	24.8	0.0
40	QPSK	108	108	22.32	22.33	22.35	23.8	1.0
40	QPSK	216	0	22.31	22.35	22.33		
40	16QAM	1	1	22.80	22.92	22.84	23.8	1.0
40	64QAM	1	1	22.36	22.42	22.37	23.3	1.5
40	256QAM	1	1	21.86	22.01	21.99	22.8	2.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.73	23.77	23.52	24.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.64	23.63	23.59	24.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.65	23.71	23.60	24.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.70	23.74	23.63	24.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.63	23.77	23.50	24.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	20.76	20.89	20.87	22.5	0.0
40	Pi/2 BPSK	1	108	20.79	20.84	20.75		
40	Pi/2 BPSK	1	214	20.67	20.72	20.62		
40	Pi/2 BPSK	108	0	20.38	20.43	20.30	22.0	0.5
40	Pi/2 BPSK	108	54	20.74	20.87	20.74	22.5	0.0
40	Pi/2 BPSK	108	108	20.10	20.23	20.18	22.0	0.5
40	Pi/2 BPSK	216	0	20.31	20.36	20.29		
40	QPSK	1	1	20.93	20.95	20.93	22.5	0.0
40	QPSK	1	108	20.78	20.90	20.86		
40	QPSK	1	214	20.65	20.76	20.74		
40	QPSK	108	0	19.50	19.52	19.51	21.5	1.0
40	QPSK	108	54	20.79	20.85	20.83	22.5	0.0
40	QPSK	108	108	19.53	19.58	19.54	21.5	1.0
40	QPSK	216	0	19.55	19.66	19.52		
40	16QAM	1	1	20.17	20.18	20.11	21.5	1.0
40	64QAM	1	1	19.66	19.72	19.67	21.0	1.5
40	256QAM	1	1	19.25	19.30	19.24	20.5	2.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.89	20.94	20.86	22.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.78	20.86	20.88	22.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.79	20.89	20.90	22.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.84	20.90	20.89	22.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.86	20.87	20.79	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.08	24.18	24.04	25.4	0.0
40	PI/2 BPSK	1	53	24.00	24.01	23.96		
40	PI/2 BPSK	1	104	24.09	24.15	24.07		
40	PI/2 BPSK	50	0	23.42	23.56	23.53	24.9	0.5
40	PI/2 BPSK	50	28	24.03	24.05	24.01	25.4	0.0
40	PI/2 BPSK	50	56	23.53	23.63	23.48	24.9	0.5
40	PI/2 BPSK	100	0	23.45	23.56	23.44		
40	QPSK	1	1	24.16	24.20	24.13	25.4	0.0
40	QPSK	1	53	23.96	23.99	23.91		
40	QPSK	1	104	24.09	24.15	24.03		
40	QPSK	50	0	23.45	23.50	23.46	25.4	0.0
40	QPSK	50	28	23.98	24.06	24.05		
40	QPSK	50	56	23.60	23.64	23.56		
40	QPSK	100	0	23.46	23.48	23.46	24.9	0.5
40	16QAM	1	1	23.20	23.30	23.19	24.4	1.0
40	64QAM	1	1	22.83	22.88	22.83	23.9	1.5
40	256QAM	1	1	22.33	22.45	22.41	23.4	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.11	24.11	24.08	25.4	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.10	24.05	24.04	25.4	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.13	24.16	24.03	25.4	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.15	24.17	24.04	25.4	0.0

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BW [MHz]	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	23.47	23.62	23.47	24.8	0.0
40	PI/2 BPSK	1	53	23.60	23.63	23.54		
40	PI/2 BPSK	1	104	23.57	23.70	23.68		
40	PI/2 BPSK	50	0	22.99	23.11	22.98	24.3	0.5
40	PI/2 BPSK	50	28	23.50	23.62	23.52	24.8	0.0
40	PI/2 BPSK	50	56	23.09	23.11	23.00	24.3	0.5
40	PI/2 BPSK	100	0	23.04	23.12	23.05		
40	QPSK	1	1	23.64	23.77	23.75	24.8	0.0
40	QPSK	1	53	23.58	23.66	23.60		
40	QPSK	1	104	23.63	23.72	23.60		
40	QPSK	50	0	22.98	23.11	22.97	24.8	0.0
40	QPSK	50	28	23.43	23.57	23.55		
40	QPSK	50	56	22.94	23.07	22.98		
40	QPSK	100	0	23.00	23.05	23.02	24.3	0.5
40	16QAM	1	1	22.92	22.95	22.80	23.8	1.0
40	64QAM	1	1	22.35	22.45	22.34	23.3	1.5
40	256QAM	1	1	21.87	21.93	21.88	22.8	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.56	23.62	23.72	24.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.63	23.70	23.71	24.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.58	23.68	23.60	24.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.56	23.64	23.65	24.8	0.0

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BW [MHz]	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	23.68	23.75	23.65	24.8	0.0
40	PI/2 BPSK	1	53	23.68	23.78	23.63		
40	PI/2 BPSK	1	104	23.74	23.85	23.82		
40	PI/2 BPSK	50	0	23.16	23.23	23.09	24.3	0.5
40	PI/2 BPSK	50	28	23.67	23.77	23.69	24.8	0.0
40	PI/2 BPSK	50	56	23.28	23.36	23.35	24.3	0.5
40	PI/2 BPSK	100	0	23.11	23.24	23.21		
40	QPSK	1	1	23.75	23.90	23.84	24.8	0.0
40	QPSK	1	53	23.74	23.84	23.83		
40	QPSK	1	104	23.75	23.88	23.78		
40	QPSK	50	0	23.23	23.25	23.20	24.8	0.0
40	QPSK	50	28	23.70	23.85	23.75		
40	QPSK	50	56	23.33	23.38	23.31		
40	QPSK	100	0	23.21	23.32	23.22	24.3	0.5
40	16QAM	1	1	22.98	23.09	23.03	23.8	1.0
40	64QAM	1	1	22.54	22.64	22.49	23.3	1.5
40	256QAM	1	1	22.08	22.19	22.08	22.8	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.68	23.81	23.82	24.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.74	23.85	23.75	24.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.60	23.85	23.82	24.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.68	23.75	23.71	24.8	0.0

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BW [MHz]	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	20.14	20.18	20.08	21.6	0.0
40	PI/2 BPSK	1	53	20.01	20.14	20.02		
40	PI/2 BPSK	1	104	20.15	20.20	20.12		
40	PI/2 BPSK	50	0	19.53	19.61	19.52	21.1	0.5
40	PI/2 BPSK	50	28	20.04	20.09	19.97	21.6	0.0
40	PI/2 BPSK	50	56	19.57	19.72	19.64	21.1	0.5
40	PI/2 BPSK	100	0	19.65	19.70	19.57		
40	QPSK	1	1	20.18	20.22	20.14	21.6	0.0
40	QPSK	1	53	19.95	20.07	19.98		
40	QPSK	1	104	20.06	20.20	20.10		
40	QPSK	50	0	19.69	19.66	19.68	21.6	0.0
40	QPSK	50	28	20.10	20.15	20.02		
40	QPSK	50	56	19.65	19.72	19.65		
40	QPSK	100	0	19.57	19.66	19.51	21.1	0.5
40	16QAM	1	1	19.44	19.50	19.47	20.6	1.0
40	64QAM	1	1	18.95	19.02	19.01	20.1	1.5
40	256QAM	1	1	18.38	18.52	18.43	19.6	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.11	20.12	20.12	21.6	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.17	20.09	20.01	21.6	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.03	20.13	20.04	21.6	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.16	20.07	20.06	21.6	0.0

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BW [MHz]	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	21.94	22.03	21.91	23.2	0.0
100	PI/2 BPSK	1	137	22.00	22.06	22.02		
100	PI/2 BPSK	1	271	21.95	22.05	21.97		
100	PI/2 BPSK	135	0	21.94	22.01	21.88	23.2	0.0
100	PI/2 BPSK	135	69	21.89	22.02	22.00	23.2	0.0
100	PI/2 BPSK	135	138	21.92	22.05	21.95	23.2	0.0
100	PI/2 BPSK	270	0	21.86	21.98	21.93		
100	QPSK	1	1	21.98	22.10	22.02	23.2	0.0
100	QPSK	1	137	21.94	22.06	21.96		
100	QPSK	1	271	21.95	22.04	21.90		
100	QPSK	135	0	21.90	22.02	21.95	23.2	0.0
100	QPSK	135	69	21.95	22.05	22.00		
100	QPSK	135	138	21.92	22.04	21.89		
100	QPSK	270	0	21.92	21.94	21.86	23.2	0.0
100	16QAM	1	1	21.90	21.98	21.97	23.2	0.0
100	64QAM	1	1	21.88	21.96	21.87	23.2	0.0
100	256QAM	1	1	21.93	22.00	21.90	23.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.89	22.01	21.93	23.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.83	21.96	21.99	23.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	21.90	21.98	21.92	23.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	21.83	22.07	22.00	23.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	21.87	21.95	22.00	23.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	21.89	22.09	22.01	23.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	21.84	22.04	21.94	23.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	21.89	22.06	21.87	23.2	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.03	25.12	24.98	26.2	0.0
100	PI/2 BPSK	1	137	24.76	24.83	24.77		
100	PI/2 BPSK	1	271	24.95	25.02	24.96		
100	PI/2 BPSK	135	0	24.41	24.47	24.33	25.7	0.5
100	PI/2 BPSK	135	69	24.87	25.02	24.99	26.2	0.0
100	PI/2 BPSK	135	138	24.27	24.36	24.30	25.7	0.5
100	PI/2 BPSK	270	0	24.32	24.35	24.28		
100	QPSK	1	1	25.21	25.22	25.20	26.2	0.0
100	QPSK	1	137	24.87	24.93	24.91		
100	QPSK	1	271	24.95	24.97	24.87		
100	QPSK	135	0	24.43	24.51	24.49	26.2	0.0
100	QPSK	135	69	25.05	25.10	24.99		
100	QPSK	135	138	24.36	24.39	24.32		
100	QPSK	270	0	24.30	24.37	24.22	25.7	0.5
100	16QAM	1	1	24.47	24.50	24.43	25.7	0.5
100	64QAM	1	1	23.88	23.91	23.90	25.2	1.0
100	256QAM	1	1	23.58	23.68	23.59	24.2	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.14	25.18	25.19	26.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.08	25.20	25.12	26.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	25.08	25.21	25.10	26.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	25.14	25.13	25.19	26.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	25.07	25.20	25.09	26.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	25.09	25.13	25.19	26.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	25.08	25.12	25.10	26.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	25.19	25.15	25.19	26.2	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.51	21.50	21.51	22.7	0.0
100	PI/2 BPSK	1	137	21.48	21.51	21.49		
100	PI/2 BPSK	1	271	21.30	21.42	21.29		
100	PI/2 BPSK	135	0	21.43	21.46	21.35	22.7	0.0
100	PI/2 BPSK	135	69	21.34	21.47	21.40	22.7	0.0
100	PI/2 BPSK	135	138	21.40	21.49	21.39	22.7	0.0
100	PI/2 BPSK	270	0	21.37	21.47	21.45		
100	QPSK	1	1	21.48	21.53	21.45	22.7	0.0
100	QPSK	1	137	21.39	21.49	21.35		
100	QPSK	1	271	21.30	21.33	21.27		
100	QPSK	135	0	21.35	21.45	21.40	22.7	0.0
100	QPSK	135	69	21.47	21.50	21.41		
100	QPSK	135	138	21.42	21.47	21.33		
100	QPSK	270	0	21.39	21.44	21.43	22.7	0.0
100	16QAM	1	1	21.42	21.46	21.41	22.7	0.0
100	64QAM	1	1	21.32	21.42	21.33	22.7	0.0
100	256QAM	1	1	21.44	21.48	21.39	22.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.42	21.41	21.31	22.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.45	21.41	21.34	22.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	21.40	21.49	21.31	22.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	21.33	21.41	21.35	22.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	21.38	21.38	21.40	22.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	21.36	21.51	21.44	22.7	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	21.35	21.43	21.36	22.7	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	21.42	21.50	21.37	22.7	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.53	24.62	24.57	25.7	0.0
100	PI/2 BPSK	1	137	24.36	24.44	24.30		
100	PI/2 BPSK	1	271	24.36	24.43	24.28		
100	PI/2 BPSK	135	0	23.96	24.02	23.95	25.2	0.5
100	PI/2 BPSK	135	69	24.43	24.52	24.49	25.7	0.0
100	PI/2 BPSK	135	138	23.92	23.95	23.90	25.2	0.5
100	PI/2 BPSK	270	0	23.87	23.92	23.78		
100	QPSK	1	1	24.51	24.65	24.62	25.7	0.0
100	QPSK	1	137	24.35	24.43	24.36		
100	QPSK	1	271	24.37	24.38	24.28		
100	QPSK	135	0	23.93	23.96	23.81	25.7	0.0
100	QPSK	135	69	24.37	24.46	24.38		
100	QPSK	135	138	23.85	23.92	23.83		
100	QPSK	270	0	23.84	23.86	23.84	25.2	0.5
100	16QAM	1	1	23.90	23.95	23.93	25.2	0.5
100	64QAM	1	1	23.41	23.51	23.44	24.7	1.0
100	256QAM	1	1	22.97	23.12	23.11	23.7	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.48	24.63	24.58	25.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.45	24.54	24.50	25.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	24.45	24.57	24.48	25.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	24.36	24.56	24.59	25.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	24.43	24.51	24.48	25.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	24.38	24.52	24.52	25.7	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	24.49	24.60	24.54	25.7	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	24.40	24.58	24.49	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.63	21.67	21.64	22.6	0.0
100	PI/2 BPSK	1	137	21.73	21.76	21.64		
100	PI/2 BPSK	1	271	21.79	21.80	21.72		
100	PI/2 BPSK	135	0	21.50	21.63	21.61	22.6	0.0
100	PI/2 BPSK	135	69	21.68	21.75	21.69	22.6	0.0
100	PI/2 BPSK	135	138	21.75	21.78	21.70	22.6	0.0
100	PI/2 BPSK	270	0	21.56	21.66	21.57		
100	QPSK	1	1	21.75	21.85	21.76	22.6	0.0
100	QPSK	1	137	21.66	21.78	21.65		
100	QPSK	1	271	21.73	21.81	21.67		
100	QPSK	135	0	21.56	21.64	21.59	22.6	0.0
100	QPSK	135	69	21.69	21.73	21.72		
100	QPSK	135	138	21.62	21.71	21.67		
100	QPSK	270	0	21.58	21.70	21.56	22.6	0.0
100	16QAM	1	1	21.61	21.75	21.66	22.6	0.0
100	64QAM	1	1	21.71	21.77	21.71	22.6	0.0
100	256QAM	1	1	21.72	21.82	21.73	22.6	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.65	21.71	21.66	22.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.62	21.78	21.61	22.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	21.66	21.80	21.63	22.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	21.74	21.72	21.61	22.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	21.70	21.70	21.62	22.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	21.74	21.80	21.68	22.6	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	21.60	21.83	21.72	22.6	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	21.64	21.74	21.63	22.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.67	24.81	24.73	25.6	0.0
100	PI/2 BPSK	1	137	24.53	24.67	24.66		
100	PI/2 BPSK	1	271	24.68	24.77	24.64		
100	PI/2 BPSK	135	0	24.05	24.17	24.04	25.1	0.5
100	PI/2 BPSK	135	69	24.64	24.74	24.64	25.6	0.0
100	PI/2 BPSK	135	138	24.19	24.21	24.11	25.1	0.5
100	PI/2 BPSK	270	0	24.12	24.16	24.11		
100	QPSK	1	1	24.73	24.82	24.78	25.6	0.0
100	QPSK	1	137	24.56	24.68	24.60		
100	QPSK	1	271	24.68	24.80	24.67		
100	QPSK	135	0	24.04	24.17	24.08	25.6	0.0
100	QPSK	135	69	24.69	24.71	24.65		
100	QPSK	135	138	24.16	24.18	24.13		
100	QPSK	270	0	24.00	24.08	23.97	25.1	0.5
100	16QAM	1	1	23.86	23.89	23.82	25.1	0.5
100	64QAM	1	1	23.41	23.48	23.46	24.6	1.0
100	256QAM	1	1	23.16	23.17	23.05	23.6	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.70	24.72	24.69	25.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.71	24.72	24.65	25.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	24.62	24.81	24.67	25.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	24.62	24.79	24.75	25.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	24.63	24.76	24.71	25.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	24.59	24.71	24.69	25.6	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	24.61	24.70	24.75	25.6	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	24.60	24.73	24.64	25.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	526800		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.88	17.90	17.75	19.2	0.0
100	PI/2 BPSK	1	137	17.96	18.09	17.97		
100	PI/2 BPSK	1	271	18.08	18.11	18.13		
100	PI/2 BPSK	135	0	18.00	18.07	18.01	19.2	0.0
100	PI/2 BPSK	135	69	18.07	18.12	18.09	19.2	0.0
100	PI/2 BPSK	135	138	18.03	18.10	18.11	19.2	0.0
100	PI/2 BPSK	270	0	17.99	18.13	18.10		
100	QPSK	1	1	18.12	18.15	18.09	19.2	0.0
100	QPSK	1	137	18.06	18.10	18.04		
100	QPSK	1	271	18.02	18.12	18.01		
100	QPSK	135	0	17.98	18.04	17.93	19.2	0.0
100	QPSK	135	69	18.11	18.13	18.12		
100	QPSK	135	138	18.07	18.10	18.03		
100	QPSK	270	0	18.00	18.09	17.99	19.2	0.0
100	16QAM	1	1	18.02	18.12	18.02	19.2	0.0
100	64QAM	1	1	18.06	18.10	18.08	19.2	0.0
100	256QAM	1	1	18.03	18.08	18.03	19.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.09	18.05	17.95	19.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.05	18.09	17.95	19.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	18.07	18.07	17.96	19.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	18.07	18.00	18.06	19.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	18.06	18.00	17.97	19.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	18.06	18.03	17.97	19.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	17.99	18.05	17.95	19.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	18.10	18.02	18.03	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				506202	518598	526000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.01	21.07	21.00	22.2	0.0
100	PI/2 BPSK	1	137	20.82	20.97	20.96		
100	PI/2 BPSK	1	271	21.06	21.15	21.01		
100	PI/2 BPSK	135	0	20.50	20.54	20.42	21.7	0.5
100	PI/2 BPSK	135	69	21.01	21.10	20.99	22.2	0.0
100	PI/2 BPSK	135	138	20.54	20.62	20.56	21.7	0.5
100	PI/2 BPSK	270	0	20.43	20.55	20.42		
100	QPSK	1	1	21.13	21.18	21.15	22.2	0.0
100	QPSK	1	137	21.03	21.10	21.09		
100	QPSK	1	271	21.02	21.15	21.02		
100	QPSK	135	0	20.40	20.46	20.34	22.2	0.0
100	QPSK	135	69	20.92	21.06	20.97		
100	QPSK	135	138	20.45	20.56	20.43		
100	QPSK	270	0	20.36	20.50	20.49	21.7	0.5
100	16QAM	1	1	20.29	20.32	20.22	21.7	0.5
100	64QAM	1	1	19.80	19.85	19.70	21.2	1.0
100	256QAM	1	1	19.37	19.52	19.49	20.2	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.12	21.05	21.06	22.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.00	21.10	21.06	22.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	20.98	21.08	21.00	22.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	21.08	21.16	21.12	22.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	21.07	21.08	21.01	22.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	21.10	21.14	21.05	22.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	20.98	21.17	21.14	22.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	21.12	21.14	21.11	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.33			
100	PI/2 BPSK	1	137		23.35		24.2	0.0
100	PI/2 BPSK	1	271		22.84			
100	PI/2 BPSK	135	0		22.82		23.7	0.5
100	PI/2 BPSK	135	69		23.27		24.2	0.0
100	PI/2 BPSK	135	138		22.71		23.7	0.5
100	PI/2 BPSK	270	0		22.83			
100	QPSK	1	1		23.42			
100	QPSK	1	137		23.40		24.2	0.0
100	QPSK	1	271		22.95			
100	QPSK	135	0		22.84			
100	QPSK	135	69		23.32		24.2	0.0
100	QPSK	135	138		22.73			
100	QPSK	270	0		22.75		23.7	0.5
100	16QAM	1	1		22.58		23.7	0.5
100	64QAM	1	1		22.09		23.2	1.0
100	256QAM	1	1		21.75		22.2	2.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.35	23.35	23.38	24.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.40	23.38	23.41	24.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.39	23.34	23.33	24.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.39	23.37	23.27	24.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.36	23.35	23.39	24.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.36	23.31	23.34	24.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.38	23.33	23.39	24.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.35	23.29	23.38	24.2	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.96	23.05	22.96		
100	PI/2 BPSK	1	137	22.99	23.10	22.95	24.2	0.0
100	PI/2 BPSK	1	271	23.11	23.12	23.17		
100	PI/2 BPSK	135	0	22.45	22.49	22.39	23.7	0.5
100	PI/2 BPSK	135	69	22.83	22.98	22.86	24.2	0.0
100	PI/2 BPSK	135	138	22.52	22.57	22.49	23.7	0.5
100	PI/2 BPSK	270	0	22.37	22.50	22.40		
100	QPSK	1	1	23.17	23.18	23.10		
100	QPSK	1	137	23.03	23.08	23.02	24.2	0.0
100	QPSK	1	271	23.06	23.11	23.05		
100	QPSK	135	0	22.48	22.50	22.40		
100	QPSK	135	69	22.95	22.97	22.85	24.2	0.0
100	QPSK	135	138	22.46	22.53	22.47		
100	QPSK	270	0	22.44	22.47	22.34	23.7	0.5
100	16QAM	1	1	22.29	22.30	22.21	23.7	0.5
100	64QAM	1	1	21.72	21.83	21.72	23.2	1.0
100	256QAM	1	1	21.38	21.42	21.36	22.2	2.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	23.12	23.10	23.03	24.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	23.15	23.11	22.97	24.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.08	23.12	22.97	24.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	23.08	23.07	22.96	24.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	23.04	23.12	23.06	24.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.07	23.05	23.03	24.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	23.02	23.15	22.96	24.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	23.05	23.04	22.96	24.2	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.58			
100	PI/2 BPSK	1	137		22.21		24.2	0.0
100	PI/2 BPSK	1	271		22.23			
100	PI/2 BPSK	135	0		21.95		23.7	0.5
100	PI/2 BPSK	135	69		22.25		24.2	0.0
100	PI/2 BPSK	135	138		21.72		23.7	0.5
100	PI/2 BPSK	270	0		21.85			
100	QPSK	1	1		22.62			
100	QPSK	1	137		22.22		24.2	0.0
100	QPSK	1	271		22.20			
100	QPSK	135	0		22.21			
100	QPSK	135	69		22.35		24.2	0.0
100	QPSK	135	138		22.23			
100	QPSK	270	0		21.88		23.7	0.5
100	16QAM	1	1		21.90		23.7	0.5
100	64QAM	1	1		21.65		23.2	1.0
100	256QAM	1	1		21.18		22.2	2.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.57	22.55	22.58	24.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.48	22.57	22.47	24.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.50	22.47	22.54	24.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.53	22.60	22.61	24.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.50	22.61	22.54	24.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.59	22.59	22.60	24.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.60	22.54	22.55	24.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.54	22.61	22.49	24.2	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.54	22.39	22.44	24.2	0.0
100	PI/2 BPSK	1	137	22.52	22.40	22.43		
100	PI/2 BPSK	1	271	22.45	22.31	22.38		
100	PI/2 BPSK	135	0	21.99	21.86	21.93	23.7	0.5
100	PI/2 BPSK	135	69	22.47	22.39	22.36	24.2	0.0
100	PI/2 BPSK	135	138	21.95	21.82	21.80	23.7	0.5
100	PI/2 BPSK	270	0	21.95	21.80	21.81		
100	QPSK	1	1	22.58	22.59	22.48	24.2	0.0
100	QPSK	1	137	22.48	22.35	22.35		
100	QPSK	1	271	22.40	22.39	22.28		
100	QPSK	135	0	22.20	22.23	22.25	24.2	0.0
100	QPSK	135	69	22.45	22.53	22.42		
100	QPSK	135	138	22.22	22.23	22.21		
100	QPSK	270	0	21.94	21.95	21.91	23.7	0.5
100	16QAM	1	1	21.80	21.76	21.79	23.7	0.5
100	64QAM	1	1	21.39	21.24	21.34	23.2	1.0
100	256QAM	1	1	20.90	20.84	20.82	22.2	2.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	22.49	22.47	22.40	24.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	22.46	22.43	22.36	24.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.50	22.41	22.33	24.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	22.49	22.40	22.42	24.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	22.47	22.40	22.41	24.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.49	22.38	22.33	24.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	22.52	22.51	22.37	24.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	22.54	22.41	22.34	24.2	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.33		22.2	0.0
100	PI/2 BPSK	1	137		20.61			
100	PI/2 BPSK	1	271		20.73			
100	PI/2 BPSK	135	0		19.98		21.7	0.5
100	PI/2 BPSK	135	69		20.57		22.2	0.0
100	PI/2 BPSK	135	138		20.16		21.7	0.5
100	PI/2 BPSK	270	0		20.07			
100	QPSK	1	1		20.77		22.2	0.0
100	QPSK	1	137		20.63			
100	QPSK	1	271		20.68			
100	QPSK	135	0		20.21		22.2	0.0
100	QPSK	135	69		20.69			
100	QPSK	135	138		20.25			
100	QPSK	270	0		20.03		21.7	0.5
100	16QAM	1	1		19.71		21.7	0.5
100	64QAM	1	1		19.23		21.2	1.0
100	256QAM	1	1		18.73		20.2	2.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.75	20.67	20.70	22.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.65	20.73	20.65	22.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.73	20.62	20.75	22.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.73	20.72	20.69	22.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.75	20.64	20.73	22.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.64	20.63	20.65	22.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.75	20.64	20.70	22.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.68	20.66	20.73	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.74	20.83	20.68	22.2	0.0
100	PI/2 BPSK	1	137	20.76	20.81	20.76		
100	PI/2 BPSK	1	271	20.90	20.92	20.89		
100	PI/2 BPSK	135	0	20.05	20.16	20.03	21.7	0.5
100	PI/2 BPSK	135	69	20.60	20.70	20.61	22.2	0.0
100	PI/2 BPSK	135	138	20.20	20.31	20.23	21.7	0.5
100	PI/2 BPSK	270	0	20.16	20.22	20.09		
100	QPSK	1	1	20.93	20.95	20.90	22.2	0.0
100	QPSK	1	137	20.77	20.85	20.80		
100	QPSK	1	271	20.87	20.92	20.81		
100	QPSK	135	0	20.33	20.40	20.37	22.2	0.0
100	QPSK	135	69	20.76	20.80	20.79		
100	QPSK	135	138	20.35	20.38	20.29		
100	QPSK	270	0	20.23	20.32	20.19	21.7	0.5
100	16QAM	1	1	20.07	20.15	20.06	21.7	0.5
100	64QAM	1	1	19.61	19.70	19.68	21.2	1.0
100	256QAM	1	1	18.90	19.05	18.98	20.2	2.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	20.81	20.82	20.86	22.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	20.89	20.88	20.80	22.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.86	20.85	20.80	22.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	20.92	20.88	20.87	22.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	20.90	20.82	20.77	22.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.83	20.92	20.84	22.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	20.79	20.81	20.86	22.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	20.82	20.84	20.88	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.58			
100	PI/2 BPSK	1	137		19.62		21.2	0.0
100	PI/2 BPSK	1	271		19.60			
100	PI/2 BPSK	135	0		19.10		20.7	0.5
100	PI/2 BPSK	135	69		19.55		21.2	0.0
100	PI/2 BPSK	135	138		19.15		20.7	0.5
100	PI/2 BPSK	270	0		19.12			
100	QPSK	1	1		19.65			
100	QPSK	1	137		19.60		21.2	0.0
100	QPSK	1	271		19.62			
100	QPSK	135	0		19.21			
100	QPSK	135	69		19.58		21.2	0.0
100	QPSK	135	138		19.23			
100	QPSK	270	0		19.08		20.7	0.5
100	16QAM	1	1		19.10		20.7	0.5
100	64QAM	1	1		18.60		20.2	1.0
100	256QAM	1	1		17.63		19.2	2.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.39	19.53	19.54	21.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.46	19.49	19.56	21.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.36	19.57	19.59	21.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.48	19.47	19.58	21.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.48	19.55	19.60	21.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.45	19.55	19.50	21.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.36	19.52	19.52	21.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.38	19.47	19.56	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.46	19.31	19.34		
100	PI/2 BPSK	1	137	19.47	19.34	19.40	21.2	0.0
100	PI/2 BPSK	1	271	19.54	19.50	19.49		
100	PI/2 BPSK	135	0	18.98	18.83	18.89	20.7	0.5
100	PI/2 BPSK	135	69	19.47	19.43	19.39	21.2	0.0
100	PI/2 BPSK	135	138	19.06	19.03	19.02	20.7	0.5
100	PI/2 BPSK	270	0	19.04	18.99	19.00		
100	QPSK	1	1	19.61	19.62	19.55		
100	QPSK	1	137	19.54	19.47	19.46	21.2	0.0
100	QPSK	1	271	19.49	19.47	19.40		
100	QPSK	135	0	19.21	19.23	19.22		
100	QPSK	135	69	19.52	19.53	19.50	21.2	0.0
100	QPSK	135	138	19.22	19.25	19.21		
100	QPSK	270	0	19.07	19.10	18.99	20.7	0.5
100	16QAM	1	1	19.01	18.88	18.89	20.7	0.5
100	64QAM	1	1	18.46	18.35	18.36	20.2	1.0
100	256QAM	1	1	17.58	17.54	17.53	19.2	2.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	19.59	19.36	19.45	21.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.56	19.50	19.54	21.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.52	19.46	19.42	21.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.46	19.41	19.41	21.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	19.47	19.43	19.47	21.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.52	19.43	19.51	21.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.50	19.47	19.46	21.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.56	19.50	19.53	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.98			
100	PI/2 BPSK	1	137		23.03		24.2	0.0
100	PI/2 BPSK	1	271		23.05			
100	PI/2 BPSK	135	0		23.07		24.2	0.0
100	PI/2 BPSK	135	69		23.07		24.2	0.0
100	PI/2 BPSK	135	138		23.02		24.2	0.0
100	PI/2 BPSK	270	0		23.00			
100	QPSK	1	1		23.10			
100	QPSK	1	137		23.03		24.2	0.0
100	QPSK	1	271		22.99			
100	QPSK	135	0		22.98			
100	QPSK	135	69		23.07		24.2	0.0
100	QPSK	135	138		23.01			
100	QPSK	270	0		22.95		24.2	0.0
100	16QAM	1	1		23.03		24.2	0.0
100	64QAM	1	1		23.01		24.2	0.0
100	256QAM	1	1		23.09		24.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.02	22.95	22.96	24.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.92	22.93	22.96	24.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.95	23.01	23.03	24.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.99	22.99	23.05	24.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.94	23.04	22.97	24.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.92	23.06	22.92	24.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.96	22.93	22.96	24.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.94	23.03	23.02	24.2	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.47		24.2	0.0
100	PI/2 BPSK	1	137		23.44			
100	PI/2 BPSK	1	271		23.38			
100	PI/2 BPSK	135	0		23.42		24.2	0.0
100	PI/2 BPSK	135	69		23.44		24.2	0.0
100	PI/2 BPSK	135	138		23.41		24.2	0.0
100	PI/2 BPSK	270	0		23.35			
100	QPSK	1	1		23.52		24.2	0.0
100	QPSK	1	137		23.38			
100	QPSK	1	271		23.45			
100	QPSK	135	0		23.47		24.2	0.0
100	QPSK	135	69		23.48			
100	QPSK	135	138		23.40			
100	QPSK	270	0		23.45		24.2	0.0
100	16QAM	1	1		23.35		24.2	0.0
100	64QAM	1	1		23.47		24.2	0.0
100	256QAM	1	1		23.47		24.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	23.45	23.44	23.51	24.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	23.46	23.38	23.49	24.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.40	23.41	23.37	24.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	23.38	23.48	23.41	24.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	23.37	23.37	23.38	24.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.47	23.37	23.50	24.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	23.40	23.40	23.51	24.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	23.43	23.40	23.44	24.2	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.99		27.2	0.0
100	PI/2 BPSK	1	137		25.97			
100	PI/2 BPSK	1	271		25.90			
100	PI/2 BPSK	135	0		25.60		26.7	0.5
100	PI/2 BPSK	135	69		26.03		27.2	0.0
100	PI/2 BPSK	135	138		25.48		26.7	0.5
100	PI/2 BPSK	270	0		25.55			
100	QPSK	1	1		26.08		27.2	0.0
100	QPSK	1	137		26.02			
100	QPSK	1	271		25.88			
100	QPSK	135	0		25.21		27.2	0.0
100	QPSK	135	69		26.00			
100	QPSK	135	138		25.22			
100	QPSK	270	0		25.00		26.7	0.5
100	16QAM	1	1		25.40		26.7	0.5
100	64QAM	1	1		24.43		26.2	1.0
100	256QAM	1	1		24.55		25.2	2.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	26.00	25.94	26.00	27.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.94	26.02	26.04	27.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.96	25.96	25.99	27.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.94	26.02	26.02	27.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	26.06	25.98	25.97	27.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	26.06	26.05	26.07	27.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.98	26.00	26.01	27.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	26.06	26.02	25.95	27.2	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		26.41		27.2	0.0
100	PI/2 BPSK	1	137		26.35			
100	PI/2 BPSK	1	271		26.23			
100	PI/2 BPSK	135	0		25.89		26.7	0.5
100	PI/2 BPSK	135	69		26.36		27.2	0.0
100	PI/2 BPSK	135	138		25.83		26.7	0.5
100	PI/2 BPSK	270	0		25.94			
100	QPSK	1	1		26.50		27.2	0.0
100	QPSK	1	137		26.44			
100	QPSK	1	271		26.23			
100	QPSK	135	0		25.38		27.2	0.0
100	QPSK	135	69		26.39			
100	QPSK	135	138		25.52			
100	QPSK	270	0		25.43		26.7	0.5
100	16QAM	1	1		25.79		26.7	0.5
100	64QAM	1	1		24.80		26.2	1.0
100	256QAM	1	1		24.86		25.2	2.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	26.38	26.45	26.46	27.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	26.38	26.44	26.49	27.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.41	26.45	26.37	27.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	26.38	26.42	26.44	27.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	26.46	26.47	26.42	27.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.48	26.37	26.49	27.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	26.43	26.43	26.39	27.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	26.46	26.36	26.36	27.2	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.36		24.2	0.0
100	PI/2 BPSK	1	137		22.34			
100	PI/2 BPSK	1	271		22.35			
100	PI/2 BPSK	135	0		22.32		24.2	0.0
100	PI/2 BPSK	135	69		22.40		24.2	0.0
100	PI/2 BPSK	135	138		22.42		24.2	0.0
100	PI/2 BPSK	270	0		22.30			
100	QPSK	1	1		22.43		24.2	0.0
100	QPSK	1	137		22.42			
100	QPSK	1	271		22.28			
100	QPSK	135	0		22.31		24.2	0.0
100	QPSK	135	69		22.40			
100	QPSK	135	138		22.37			
100	QPSK	270	0		22.38		24.2	0.0
100	16QAM	1	1		22.31		24.2	0.0
100	64QAM	1	1		22.37		24.2	0.0
100	256QAM	1	1		22.32		24.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.39	22.36	22.32	24.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.28	22.28	22.35	24.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.40	22.38	22.37	24.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.35	22.41	22.32	24.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.29	22.33	22.33	24.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.38	22.30	22.31	24.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.31	22.42	22.33	24.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.36	22.41	22.36	24.2	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.77		24.2	0.0
100	PI/2 BPSK	1	137		22.89			
100	PI/2 BPSK	1	271		22.80			
100	PI/2 BPSK	135	0		22.85		24.2	0.0
100	PI/2 BPSK	135	69		22.88		24.2	0.0
100	PI/2 BPSK	135	138		22.86		24.2	0.0
100	PI/2 BPSK	270	0		22.87			
100	QPSK	1	1		22.90		24.2	0.0
100	QPSK	1	137		22.85			
100	QPSK	1	271		22.79			
100	QPSK	135	0		22.82		24.2	0.0
100	QPSK	135	69		22.87			
100	QPSK	135	138		22.81			
100	QPSK	270	0		22.83		24.2	0.0
100	16QAM	1	1		22.87		24.2	0.0
100	64QAM	1	1		22.84		24.2	0.0
100	256QAM	1	1		22.77		24.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	22.77	22.84	22.83	24.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	22.80	22.78	22.87	24.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.89	22.86	22.81	24.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	22.83	22.87	22.88	24.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	22.85	22.75	22.76	24.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.82	22.80	22.86	24.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	22.87	22.77	22.75	24.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	22.75	22.77	22.80	24.2	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.30		27.2	0.0
100	PI/2 BPSK	1	137		25.21			
100	PI/2 BPSK	1	271		25.31			
100	PI/2 BPSK	135	0		24.77		26.7	0.5
100	PI/2 BPSK	135	69		25.25		27.2	0.0
100	PI/2 BPSK	135	138		24.72		26.7	0.5
100	PI/2 BPSK	270	0		24.70			
100	QPSK	1	1		25.35		27.2	0.0
100	QPSK	1	137		25.26			
100	QPSK	1	271		25.29			
100	QPSK	135	0		24.09		27.2	0.0
100	QPSK	135	69		25.28			
100	QPSK	135	138		24.01			
100	QPSK	270	0		24.73		26.7	0.5
100	16QAM	1	1		24.71		26.7	0.5
100	64QAM	1	1		24.77		26.2	1.0
100	256QAM	1	1		23.77		25.2	2.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.33	25.28	25.22	27.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.31	25.28	25.27	27.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.23	25.31	25.25	27.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.33	25.26	25.25	27.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.26	25.28	25.21	27.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.33	25.34	25.23	27.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.29	25.22	25.23	27.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.21	25.27	25.33	27.2	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.84		27.2	0.0
100	PI/2 BPSK	1	137		25.79			
100	PI/2 BPSK	1	271		25.82			
100	PI/2 BPSK	135	0		25.30		26.7	0.5
100	PI/2 BPSK	135	69		25.78		27.2	0.0
100	PI/2 BPSK	135	138		25.20		26.7	0.5
100	PI/2 BPSK	270	0		25.11			
100	QPSK	1	1		25.88		27.2	0.0
100	QPSK	1	137		25.80			
100	QPSK	1	271		25.83			
100	QPSK	135	0		24.69		27.2	0.0
100	QPSK	135	69		25.75			
100	QPSK	135	138		24.58			
100	QPSK	270	0		24.75		26.7	0.5
100	16QAM	1	1		25.11		26.7	0.5
100	64QAM	1	1		24.35		26.2	1.0
100	256QAM	1	1		24.41		25.2	2.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	25.81	25.72	25.80	27.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	25.74	25.79	25.80	27.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.74	25.85	25.70	27.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	25.81	25.72	25.76	27.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	25.77	25.75	25.80	27.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.81	25.80	25.74	27.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	25.82	25.84	25.73	27.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	25.78	25.82	25.75	27.2	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.40		21.2	0.0
100	PI/2 BPSK	1	137		20.29			
100	PI/2 BPSK	1	271		20.31			
100	PI/2 BPSK	135	0		20.32		21.2	0.0
100	PI/2 BPSK	135	69		20.33		21.2	0.0
100	PI/2 BPSK	135	138		20.34		21.2	0.0
100	PI/2 BPSK	270	0		20.31			
100	QPSK	1	1		20.43		21.2	0.0
100	QPSK	1	137		20.37			
100	QPSK	1	271		20.30			
100	QPSK	135	0		20.35		21.2	0.0
100	QPSK	135	69		20.41			
100	QPSK	135	138		20.35			
100	QPSK	270	0		20.27		21.2	0.0
100	16QAM	1	1		20.37		21.2	0.0
100	64QAM	1	1		20.37		21.2	0.0
100	256QAM	1	1		20.31		21.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.39	20.33	20.34	21.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.38	20.37	20.35	21.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.29	20.29	20.28	21.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.36	20.31	20.31	21.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.29	20.39	20.38	21.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.33	20.29	20.42	21.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.41	20.30	20.42	21.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.29	20.34	20.28	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.65		21.2	0.0
100	PI/2 BPSK	1	137		20.70			
100	PI/2 BPSK	1	271		20.64			
100	PI/2 BPSK	135	0		20.64		21.2	0.0
100	PI/2 BPSK	135	69		20.77		21.2	0.0
100	PI/2 BPSK	135	138		20.69		21.2	0.0
100	PI/2 BPSK	270	0		20.65			
100	QPSK	1	1		20.78		21.2	0.0
100	QPSK	1	137		20.76			
100	QPSK	1	271		20.70			
100	QPSK	135	0		20.64		21.2	0.0
100	QPSK	135	69		20.77			
100	QPSK	135	138		20.67			
100	QPSK	270	0		20.70		21.2	0.0
100	16QAM	1	1		20.70		21.2	0.0
100	64QAM	1	1		20.69		21.2	0.0
100	256QAM	1	1		20.71		21.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	20.65	20.69	20.76	21.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	20.69	20.74	20.77	21.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.70	20.66	20.63	21.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	20.75	20.63	20.73	21.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	20.66	20.64	20.69	21.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.64	20.73	20.77	21.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	20.66	20.76	20.73	21.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	20.67	20.68	20.63	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.30			
100	PI/2 BPSK	1	137		23.28		24.2	0.0
100	PI/2 BPSK	1	271		23.29			
100	PI/2 BPSK	135	0		22.85		23.7	0.5
100	PI/2 BPSK	135	69		23.33		24.2	0.0
100	PI/2 BPSK	135	138		23.00		23.7	0.5
100	PI/2 BPSK	270	0		22.88			
100	QPSK	1	1		23.38			
100	QPSK	1	137		23.32		24.2	0.0
100	QPSK	1	271		23.35			
100	QPSK	135	0		23.20			
100	QPSK	135	69		23.35		24.2	0.0
100	QPSK	135	138		23.21			
100	QPSK	270	0		22.75		23.7	0.5
100	16QAM	1	1		22.73		23.7	0.5
100	64QAM	1	1		22.22		23.2	1.0
100	256QAM	1	1		21.50		22.2	2.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.34	23.35	23.24	24.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.32	23.25	23.30	24.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.25	23.37	23.32	24.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.36	23.37	23.35	24.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.30	23.23	23.27	24.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.35	23.37	23.24	24.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.35	23.34	23.35	24.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.25	23.37	23.25	24.2	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.67			
100	PI/2 BPSK	1	137		23.68		24.2	0.0
100	PI/2 BPSK	1	271		23.63			
100	PI/2 BPSK	135	0		23.38		23.7	0.5
100	PI/2 BPSK	135	69		23.63		24.2	0.0
100	PI/2 BPSK	135	138		23.43		23.7	0.5
100	PI/2 BPSK	270	0		23.47			
100	QPSK	1	1		23.70			
100	QPSK	1	137		23.66		24.2	0.0
100	QPSK	1	271		23.69			
100	QPSK	135	0		22.91			
100	QPSK	135	69		23.68		24.2	0.0
100	QPSK	135	138		22.97			
100	QPSK	270	0		22.67		23.7	0.5
100	16QAM	1	1		22.95		23.7	0.5
100	64QAM	1	1		22.10		23.2	1.0
100	256QAM	1	1		22.15		22.2	2.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	23.64	23.58	23.55	24.2	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	23.61	23.68	24.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.57	23.59	23.64	24.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	23.57	23.59	23.62	24.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	23.65	23.61	23.55	24.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.60	23.61	23.63	24.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	23.58	23.69	23.57	24.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	23.69	23.58	23.58	24.2	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.57			
100	PI/2 BPSK	1	137		19.59		21.2	0.0
100	PI/2 BPSK	1	271		19.51			
100	PI/2 BPSK	135	0		19.53		21.2	0.0
100	PI/2 BPSK	135	69		19.55		21.2	0.0
100	PI/2 BPSK	135	138		19.56		21.2	0.0
100	PI/2 BPSK	270	0		19.58			
100	QPSK	1	1		19.62			
100	QPSK	1	137		19.54		21.2	0.0
100	QPSK	1	271		19.51			
100	QPSK	135	0		19.49			
100	QPSK	135	69		19.58		21.2	0.0
100	QPSK	135	138		19.46			
100	QPSK	270	0		19.55		21.2	0.0
100	16QAM	1	1		19.52		21.2	0.0
100	64QAM	1	1		19.57		21.2	0.0
100	256QAM	1	1		19.52		21.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	19.49	19.57	19.49	21.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	19.53	19.54	19.60	21.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	19.51	19.53	19.57	21.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	19.55	19.57	19.50	21.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	19.47	19.49	19.51	21.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	19.52	19.53	19.50	21.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	19.59	19.52	19.48	21.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	19.47	19.55	19.54	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.95		21.2	0.0
100	PI/2 BPSK	1	137		19.91			
100	PI/2 BPSK	1	271		20.05			
100	PI/2 BPSK	135	0		19.91		21.2	0.0
100	PI/2 BPSK	135	69		19.94		21.2	0.0
100	PI/2 BPSK	135	138		19.99		21.2	0.0
100	PI/2 BPSK	270	0		20.01			
100	QPSK	1	1		20.06		21.2	0.0
100	QPSK	1	137		19.92			
100	QPSK	1	271		19.92			
100	QPSK	135	0		20.03		21.2	0.0
100	QPSK	135	69		19.97			
100	QPSK	135	138		19.95			
100	QPSK	270	0		20.00		21.2	0.0
100	16QAM	1	1		19.96		21.2	0.0
100	64QAM	1	1		19.94		21.2	0.0
100	256QAM	1	1		19.95		21.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.93	19.96	20.04	21.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	19.99	19.99	20.03	21.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.93	19.93	20.03	21.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.94	19.92	19.97	21.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	19.92	20.03	20.01	21.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.94	19.97	19.97	21.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	20.04	19.94	20.02	21.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	19.94	19.92	19.99	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.44		24.2	0.0
100	PI/2 BPSK	1	137		22.40			
100	PI/2 BPSK	1	271		22.42			
100	PI/2 BPSK	135	0		21.85		23.7	0.5
100	PI/2 BPSK	135	69		22.38		24.2	0.0
100	PI/2 BPSK	135	138		21.72		23.7	0.5
100	PI/2 BPSK	270	0		21.80			
100	QPSK	1	1		22.57		24.2	0.0
100	QPSK	1	137		22.34			
100	QPSK	1	271		22.50			
100	QPSK	135	0		22.21		24.2	0.0
100	QPSK	135	69		22.36			
100	QPSK	135	138		22.23			
100	QPSK	270	0		21.30		23.7	0.5
100	16QAM	1	1		21.87		23.7	0.5
100	64QAM	1	1		21.23		23.2	1.0
100	256QAM	1	1		21.06		22.2	2.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.48	22.48	22.49	24.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.47	22.50	22.43	24.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.54	22.54	22.53	24.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.43	22.48	22.46	24.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.56	22.50	22.49	24.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.54	22.56	22.54	24.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.50	22.54	22.46	24.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.46	22.51	22.48	24.2	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.94		24.2	0.0
100	PI/2 BPSK	1	137		22.89			
100	PI/2 BPSK	1	271		22.86			
100	PI/2 BPSK	135	0		22.40		23.7	0.5
100	PI/2 BPSK	135	69		22.88		24.2	0.0
100	PI/2 BPSK	135	138		22.15		23.7	0.5
100	PI/2 BPSK	270	0		22.33			
100	QPSK	1	1		23.00		24.2	0.0
100	QPSK	1	137		22.88			
100	QPSK	1	271		22.96			
100	QPSK	135	0		22.25		24.2	0.0
100	QPSK	135	69		22.90			
100	QPSK	135	138		22.23			
100	QPSK	270	0		21.78		23.7	0.5
100	16QAM	1	1		22.32		23.7	0.5
100	64QAM	1	1		21.35		23.2	1.0
100	256QAM	1	1		21.58		22.2	2.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	22.87	22.98	22.95	24.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	22.93	22.96	22.94	24.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.97	22.92	22.90	24.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	22.91	22.89	22.87	24.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	22.97	22.94	22.89	24.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.97	22.99	22.99	24.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	22.85	22.85	22.87	24.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	22.87	22.96	22.93	24.2	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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.71	19.88	19.74	21.2	0.0
20	PI/2 BPSK	1	53	19.79	19.75	19.72		
20	PI/2 BPSK	1	104	19.74	19.82	19.76		
20	PI/2 BPSK	50	0	19.68	19.84	19.80	21.2	0.0
20	PI/2 BPSK	50	28	19.68	19.85	19.82	21.2	0.0
20	PI/2 BPSK	50	56	19.77	19.88	19.83	21.2	0.0
20	PI/2 BPSK	100	0	19.69	19.89	19.81		
20	QPSK	1	1	19.82	19.90	19.85	21.2	0.0
20	QPSK	1	53	19.67	19.77	19.81		
20	QPSK	1	104	19.70	19.85	19.84		
20	QPSK	50	0	19.69	19.87	19.75	21.2	0.0
20	QPSK	50	28	19.75	19.89	19.83	21.2	0.0
20	QPSK	50	56	19.69	19.81	19.70	21.2	0.0
20	QPSK	100	0	19.71	19.85	19.81		
20	16QAM	1	1	19.81	19.78	19.74	21.2	0.0
20	64QAM	1	1	19.73	19.78	19.79	21.2	0.0
20	256QAM	1	1	19.75	19.84	19.82	21.2	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.75	19.88	19.82	21.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.72	19.86	19.84	21.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.76	19.78	19.78	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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.65	20.67	20.61	21.8	0.0
20	PI/2 BPSK	1	53	20.60	20.69	20.71		
20	PI/2 BPSK	1	104	20.65	20.76	20.63		
20	PI/2 BPSK	50	0	20.63	20.74	20.59	21.8	0.0
20	PI/2 BPSK	50	28	20.69	20.68	20.62	21.8	0.0
20	PI/2 BPSK	50	56	20.74	20.71	20.64	21.8	0.0
20	PI/2 BPSK	100	0	20.61	20.65	20.57		
20	QPSK	1	1	20.75	20.80	20.72	21.8	0.0
20	QPSK	1	53	20.65	20.68	20.59		
20	QPSK	1	104	20.68	20.70	20.68		
20	QPSK	50	0	20.69	20.68	20.65	21.8	0.0
20	QPSK	50	28	20.71	20.78	20.69	21.8	0.0
20	QPSK	50	56	20.64	20.75	20.67	21.8	0.0
20	QPSK	100	0	20.61	20.72	20.65		
20	16QAM	1	1	20.70	20.78	20.61	21.8	0.0
20	64QAM	1	1	20.67	20.67	20.57	21.8	0.0
20	256QAM	1	1	20.60	20.79	20.62	21.8	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.68	20.79	20.59	21.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.68	20.74	20.65	21.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.68	20.78	20.71	21.8	0.0

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BW [MHz]	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	24.32	24.40	24.25	25.7	0.0
20	PI/2 BPSK	1	53	24.31	24.41	24.33		
20	PI/2 BPSK	1	104	24.29	24.39	24.36		
20	PI/2 BPSK	50	0	23.95	24.02	23.99	25.2	0.5
20	PI/2 BPSK	50	28	24.40	24.45	24.48	25.7	0.0
20	PI/2 BPSK	50	56	23.87	23.95	23.82	25.2	0.5
20	PI/2 BPSK	100	0	23.90	24.03	23.90		
20	QPSK	1	1	24.44	24.50	24.46	25.7	0.0
20	QPSK	1	53	24.32	24.38	24.33		
20	QPSK	1	104	24.31	24.33	24.32		
20	QPSK	50	0	23.88	23.98	23.86	25.2	0.5
20	QPSK	50	28	24.47	24.48	24.35	25.7	0.0
20	QPSK	50	56	23.87	23.95	23.86	25.2	0.5
20	QPSK	100	0	23.81	23.92	23.84		
20	16QAM	1	1	23.52	23.62	23.50	24.7	1.0
20	64QAM	1	1	23.17	23.18	23.05	24.2	1.5
20	256QAM	1	1	22.66	22.77	22.66	23.7	2.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.31	24.36	24.43	25.7	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.41	24.42	24.32	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	24.31	24.48	24.45	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	21.91	22.01	21.98	23.3	0.0
20	PI/2 BPSK	1	53	21.94	21.99	21.98		
20	PI/2 BPSK	1	104	21.94	22.05	22.04		
20	PI/2 BPSK	50	0	22.01	22.09	21.93	23.3	0.0
20	PI/2 BPSK	50	28	21.95	22.03	22.02	23.3	0.0
20	PI/2 BPSK	50	56	21.92	22.06	22.02	23.3	0.0
20	PI/2 BPSK	100	0	21.93	22.07	22.00		
20	QPSK	1	1	22.02	22.10	22.05	23.3	0.0
20	QPSK	1	53	21.90	22.03	21.90		
20	QPSK	1	104	22.00	22.08	21.98		
20	QPSK	50	0	21.95	22.02	21.98	23.3	0.0
20	QPSK	50	28	21.97	22.07	22.03	23.3	0.0
20	QPSK	50	56	21.90	22.02	22.02	23.3	0.0
20	QPSK	100	0	21.94	22.05	22.04		
20	16QAM	1	1	21.90	22.01	22.00	23.3	0.0
20	64QAM	1	1	21.98	22.00	21.90	23.3	0.0
20	256QAM	1	1	21.98	22.05	21.93	23.3	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.90	22.08	21.94	23.3	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.94	22.07	21.90	23.3	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.92	22.04	21.93	23.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.67	18.74	18.62	19.9	0.0
40	PI/2 BPSK	1	108	18.56	18.67	18.56		
40	PI/2 BPSK	1	214	18.67	18.73	18.61		
40	PI/2 BPSK	108	0	18.55	18.67	18.66	19.9	0.0
40	PI/2 BPSK	108	54	18.56	18.68	18.68	19.9	0.0
40	PI/2 BPSK	108	108	18.57	18.70	18.68	19.9	0.0
40	PI/2 BPSK	216	0	18.64	18.65	18.67		
40	QPSK	1	1	18.68	18.75	18.70	19.9	0.0
40	QPSK	1	108	18.53	18.66	18.64		
40	QPSK	1	214	18.62	18.70	18.56		
40	QPSK	108	0	18.58	18.62	18.64	19.9	0.0
40	QPSK	108	54	18.66	18.73	18.68	19.9	0.0
40	QPSK	108	108	18.60	18.68	18.59	19.9	0.0
40	QPSK	216	0	18.64	18.70	18.66		
40	16QAM	1	1	18.65	18.73	18.69	19.9	0.0
40	64QAM	1	1	18.53	18.62	18.59	19.9	0.0
40	256QAM	1	1	18.57	18.63	18.60	19.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.54	18.66	18.66	19.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.54	18.71	18.57	19.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.61	18.72	18.61	19.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.65	18.67	18.64	19.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.66	18.69	18.55	19.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.58	18.68	18.58	19.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.60	18.62	18.47	19.9	0.0
40	PI/2 BPSK	1	108	18.61	18.56	18.50		
40	PI/2 BPSK	1	214	18.55	18.59	18.54		
40	PI/2 BPSK	108	0	18.59	18.62	18.60	19.9	0.0
40	PI/2 BPSK	108	54	18.52	18.69	18.51	19.9	0.0
40	PI/2 BPSK	108	108	18.52	18.66	18.51	19.9	0.0
40	PI/2 BPSK	216	0	18.53	18.68	18.57		
40	QPSK	1	1	18.66	18.70	18.62	19.9	0.0
40	QPSK	1	108	18.63	18.67	18.61		
40	QPSK	1	214	18.58	18.69	18.58		
40	QPSK	108	0	18.58	18.66	18.58	19.9	0.0
40	QPSK	108	54	18.63	18.68	18.60	19.9	0.0
40	QPSK	108	108	18.60	18.57	18.53	19.9	0.0
40	QPSK	216	0	18.62	18.65	18.47		
40	16QAM	1	1	18.56	18.60	18.51	19.9	0.0
40	64QAM	1	1	18.62	18.57	18.58	19.9	0.0
40	256QAM	1	1	18.54	18.64	18.57	19.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.57	18.68	18.56	19.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.52	18.61	18.48	19.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.63	18.69	18.47	19.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.65	18.68	18.58	19.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.52	18.62	18.50	19.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.63	18.57	18.54	19.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.30	18.38	18.34	19.3	0.0
40	PI/2 BPSK	1	108	18.31	18.36	18.43		
40	PI/2 BPSK	1	214	18.39	18.40	18.44		
40	PI/2 BPSK	108	0	18.33	18.39	18.42	19.3	0.0
40	PI/2 BPSK	108	54	18.33	18.46	18.34	19.3	0.0
40	PI/2 BPSK	108	108	18.32	18.37	18.31	19.3	0.0
40	PI/2 BPSK	216	0	18.37	18.35	18.36		
40	QPSK	1	1	18.42	18.50	18.45	19.3	0.0
40	QPSK	1	108	18.29	18.45	18.30		
40	QPSK	1	214	18.38	18.37	18.38		
40	QPSK	108	0	18.36	18.40	18.42	19.3	0.0
40	QPSK	108	54	18.41	18.47	18.43	19.3	0.0
40	QPSK	108	108	18.37	18.44	18.39	19.3	0.0
40	QPSK	216	0	18.40	18.44	18.34		
40	16QAM	1	1	18.37	18.45	18.44	19.3	0.0
40	64QAM	1	1	18.30	18.48	18.34	19.3	0.0
40	256QAM	1	1	18.31	18.49	18.37	19.3	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.39	18.48	18.41	19.3	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.29	18.40	18.42	19.3	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.40	18.35	18.39	19.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.38	18.42	18.35	19.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.29	18.36	18.44	19.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.35	18.47	18.30	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.97	20.12	20.09	21.4	0.0
40	PI/2 BPSK	1	108	19.93	20.05	19.91		
40	PI/2 BPSK	1	214	20.13	20.12	20.10		
40	PI/2 BPSK	108	0	19.37	19.44	19.36	20.9	0.5
40	PI/2 BPSK	108	54	20.04	20.07	19.94	21.4	0.0
40	PI/2 BPSK	108	108	19.51	19.60	19.48	20.9	0.5
40	PI/2 BPSK	216	0	19.35	19.47	19.39		
40	QPSK	1	1	20.09	20.18	20.11	21.4	0.0
40	QPSK	1	108	19.96	20.15	20.03		
40	QPSK	1	214	20.03	20.15	20.08		
40	QPSK	108	0	19.31	19.40	19.38	20.9	0.5
40	QPSK	108	54	20.02	20.03	20.00	21.4	0.0
40	QPSK	108	108	19.44	19.57	19.49	20.9	0.5
40	QPSK	216	0	19.42	19.45	19.34		
40	16QAM	1	1	18.91	19.03	19.01	20.9	0.5
40	64QAM	1	1	18.53	18.57	18.47	19.9	1.5
40	256QAM	1	1	18.03	18.10	18.01	19.4	2.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.03	20.10	20.03	21.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.98	20.05	19.96	21.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.05	20.09	19.97	21.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.98	20.04	20.06	21.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.96	20.14	20.04	21.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.97	20.08	20.06	21.4	0.0

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BW [MHz]	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	20.69	20.75	20.55	22.2	0.0
15	PI/2 BPSK	1	40	20.60	20.79	20.62		
15	PI/2 BPSK	1	77	20.57	20.71	20.59		
15	PI/2 BPSK	36	0	20.67	20.68	20.61	22.2	0.0
15	PI/2 BPSK	36	22	20.68	20.74	20.56	22.2	0.0
15	PI/2 BPSK	36	43	20.64	20.75	20.69	22.2	0.0
15	PI/2 BPSK	75	0	20.61	20.70	20.66		
15	QPSK	1	1	20.72	20.80	20.70	22.2	0.0
15	QPSK	1	40	20.60	20.68	20.55		
15	QPSK	1	77	20.59	20.66	20.61		
15	QPSK	36	0	20.57	20.72	20.60	22.2	0.0
15	QPSK	36	22	20.70	20.78	20.69	22.2	0.0
15	QPSK	36	43	20.58	20.75	20.62	22.2	0.0
15	QPSK	75	0	20.66	20.76	20.63		
15	16QAM	1	1	20.61	20.76	20.58	22.2	0.0
15	64QAM	1	1	20.71	20.77	20.65	22.2	0.0
	256QAM	1	1	20.59	20.70	20.65	22.2	0.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	20.71	20.74	20.65	22.2	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	20.60	20.70	20.59	22.2	0.0

n12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	19.92	20.11	20.01	21.8	0.0
15	PI/2 BPSK	1	40	19.98	20.06	19.98		
15	PI/2 BPSK	1	77	19.91	20.00	19.99		
15	PI/2 BPSK	36	0	19.93	19.98	19.97	21.8	0.0
15	PI/2 BPSK	36	22	19.93	19.98	19.97	21.8	0.0
15	PI/2 BPSK	36	43	20.01	20.03	20.07	21.8	0.0
15	PI/2 BPSK	75	0	20.01	19.99	19.97		
15	QPSK	1	1	20.05	20.12	20.08	21.8	0.0
15	QPSK	1	40	20.01	20.10	20.00		
15	QPSK	1	77	19.92	20.09	20.06		
15	QPSK	36	0	19.96	20.08	20.06	21.8	0.0
15	QPSK	36	22	20.02	20.10	20.07	21.8	0.0
15	QPSK	36	43	19.95	20.02	19.95	21.8	0.0
15	QPSK	75	0	20.00	20.08	20.02		
15	16QAM	1	1	19.90	19.98	20.04	21.8	0.0
15	64QAM	1	1	19.94	20.01	20.03	21.8	0.0
	256QAM	1	1	19.94	20.06	20.04	21.8	0.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	19.90	20.06	20.01	21.8	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	19.94	20.07	20.02	21.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	24.32	24.38	24.27	25.7	0.0
20	PI/2 BPSK	1	53	24.29	24.39	24.24		
20	PI/2 BPSK	1	104	24.39	24.40	24.39		
20	PI/2 BPSK	50	0	23.89	23.97	23.90	25.2	0.5
20	PI/2 BPSK	50	28	24.34	24.42	24.39	25.7	0.0
20	PI/2 BPSK	50	56	23.94	24.00	23.93	25.2	0.5
20	PI/2 BPSK	100	0	23.85	23.97	23.90		
20	QPSK	1	1	24.44	24.51	24.39	25.7	0.0
20	QPSK	1	53	24.32	24.35	24.30		
20	QPSK	1	104	24.25	24.39	24.37		
20	QPSK	50	0	23.86	23.92	23.85	25.2	0.5
20	QPSK	50	28	24.43	24.45	24.33	25.7	0.0
20	QPSK	50	56	23.90	23.96	23.95	25.2	0.5
20	QPSK	100	0	23.88	23.91	23.80		
20	16QAM	1	1	23.64	23.67	23.60	24.7	1.0
20	64QAM	1	1	23.14	23.24	23.10	24.2	1.5
20	256QAM	1	1	22.67	22.82	22.73	23.7	2.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.30	24.43	24.26	25.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.31	24.42	24.30	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	24.39	24.30	24.25	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	21.97	22.10	21.95	23.3	0.0
20	PI/2 BPSK	1	53	21.88	22.11	21.98		
20	PI/2 BPSK	1	104	21.97	22.07	21.94		
20	PI/2 BPSK	50	0	21.96	21.97	22.07	23.3	0.0
20	PI/2 BPSK	50	28	21.95	21.99	22.05	23.3	0.0
20	PI/2 BPSK	50	56	22.00	22.06	22.07	23.3	0.0
20	PI/2 BPSK	100	0	21.88	21.99	21.99		
20	QPSK	1	1	22.02	22.12	22.09	23.3	0.0
20	QPSK	1	53	21.90	22.02	22.03		
20	QPSK	1	104	21.95	22.00	22.06		
20	QPSK	50	0	21.89	22.10	22.02	23.3	0.0
20	QPSK	50	28	21.93	22.11	22.08	23.3	0.0
20	QPSK	50	56	21.90	22.04	22.06	23.3	0.0
20	QPSK	100	0	22.01	22.07	22.01		
20	16QAM	1	1	21.96	22.07	21.95	23.3	0.0
20	64QAM	1	1	21.91	22.07	21.94	23.3	0.0
20	256QAM	1	1	21.91	22.03	22.01	23.3	0.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.95	22.09	21.95	23.3	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.01	22.11	22.05	23.3	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.94	21.98	22.08	23.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.49	20.65	20.55	21.9	0.0
40	PI/2 BPSK	1	108	20.53	20.66	20.66		
40	PI/2 BPSK	1	214	20.56	20.69	20.66		
40	PI/2 BPSK	108	0	20.60	20.62	20.65	21.9	0.0
40	PI/2 BPSK	108	54	20.59	20.67	20.54	21.9	0.0
40	PI/2 BPSK	108	108	20.49	20.65	20.66	21.9	0.0
40	PI/2 BPSK	216	0	20.61	20.59	20.54		
40	QPSK	1	1	20.62	20.70	20.68	21.9	0.0
40	QPSK	1	108	20.56	20.62	20.59		
40	QPSK	1	214	20.57	20.60	20.53		
40	QPSK	108	0	20.59	20.60	20.60	21.9	0.0
40	QPSK	108	54	20.61	20.66	20.62	21.9	0.0
40	QPSK	108	108	20.47	20.59	20.55	21.9	0.0
40	QPSK	216	0	20.58	20.63	20.56		
40	16QAM	1	1	20.58	20.68	20.62	21.9	0.0
40	64QAM	1	1	20.51	20.55	20.55	21.9	0.0
40	256QAM	1	1	20.56	20.68	20.58	21.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.57	20.69	20.62	21.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.59	20.55	20.58	21.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.48	20.61	20.61	21.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.55	20.65	20.54	21.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.55	20.68	20.55	21.9	0.0

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BW [MHz]	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	19.96	20.05	20.05	20.6	0.0
40	PI/2 BPSK	1	108	19.99	20.08	20.03		
40	PI/2 BPSK	1	214	20.00	20.04	19.93		
40	PI/2 BPSK	108	0	20.01	20.00	20.01	20.6	0.0
40	PI/2 BPSK	108	54	20.03	20.07	20.06	20.6	0.0
40	PI/2 BPSK	108	108	20.08	19.98	20.06	20.6	0.0
40	PI/2 BPSK	216	0	20.08	20.04	20.03		
40	QPSK	1	1	20.10	20.12	20.08	20.6	0.0
40	QPSK	1	108	19.95	20.04	19.98		
40	QPSK	1	214	20.06	20.02	20.00		
40	QPSK	108	0	20.02	20.04	20.02	20.6	0.0
40	QPSK	108	54	20.07	20.10	20.05	20.6	0.0
40	QPSK	108	108	20.01	20.01	20.02	20.6	0.0
40	QPSK	216	0	20.01	20.09	20.05		
40	16QAM	1	1	19.99	20.09	20.05	20.6	0.0
40	64QAM	1	1	20.02	20.05	20.03	20.6	0.0
40	256QAM	1	1	20.01	20.01	20.02	20.6	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.09	20.09	19.95	20.6	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.00	19.99	20.07	20.6	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.06	19.98	20.07	20.6	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.99	20.06	20.05	20.6	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.07	19.99	19.98	20.6	0.0

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BW [MHz]	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	21.07	21.21	21.14	22.3	0.0
40	PI/2 BPSK	1	108	21.10	21.23	21.13		
40	PI/2 BPSK	1	214	21.16	21.19	21.08		
40	PI/2 BPSK	108	0	21.13	21.19	21.08	22.3	0.0
40	PI/2 BPSK	108	54	21.18	21.21	21.13	22.3	0.0
40	PI/2 BPSK	108	108	21.14	21.18	21.12	22.3	0.0
40	PI/2 BPSK	216	0	21.15	21.20	21.18		
40	QPSK	1	1	21.22	21.30	21.19	22.3	0.0
40	QPSK	1	108	21.17	21.20	21.04		
40	QPSK	1	214	21.11	21.27	21.18		
40	QPSK	108	0	21.12	21.26	21.11	22.3	0.0
40	QPSK	108	54	21.20	21.28	21.16	22.3	0.0
40	QPSK	108	108	21.17	21.16	21.08	22.3	0.0
40	QPSK	216	0	21.17	21.23	21.15		
40	16QAM	1	1	21.10	21.24	21.12	22.3	0.0
40	64QAM	1	1	21.08	21.25	21.15	22.3	0.0
40	256QAM	1	1	21.10	21.20	21.07	22.3	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.18	21.28	21.05	22.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.20	21.20	21.08	22.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.07	21.27	21.05	22.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.19	21.21	21.04	22.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.17	21.19	21.18	22.3	0.0

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BW [MHz]	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	19.38	19.38	19.42	21.0	0.0
40	Pi/2 BPSK	1	108	19.42	19.48	19.40		
40	Pi/2 BPSK	1	214	19.39	19.43	19.39		
40	Pi/2 BPSK	108	0	19.32	19.43	19.45	21.0	0.0
40	Pi/2 BPSK	108	54	19.31	19.42	19.39	21.0	0.0
40	Pi/2 BPSK	108	108	19.38	19.42	19.36	21.0	0.0
40	Pi/2 BPSK	216	0	19.38	19.48	19.32		
40	QPSK	1	1	19.45	19.52	19.46	21.0	0.0
40	QPSK	1	108	19.30	19.43	19.33		
40	QPSK	1	214	19.35	19.40	19.40		
40	QPSK	108	0	19.38	19.50	19.33	21.0	0.0
40	QPSK	108	54	19.43	19.51	19.45	21.0	0.0
40	QPSK	108	108	19.42	19.43	19.37	21.0	0.0
40	QPSK	216	0	19.32	19.49	19.37		
40	16QAM	1	1	19.35	19.50	19.42	21.0	0.0
40	64QAM	1	1	19.35	19.37	19.41	21.0	0.0
40	256QAM	1	1	19.25	19.30	19.24	20.5	0.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.30	19.37	19.45	21.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.34	19.46	19.37	21.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.38	19.42	19.33	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.32	19.38	19.36	21.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.39	19.37	19.44	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.45	18.65	18.52	19.9	0.0
40	PI/2 BPSK	1	53	18.51	18.52	18.51		
40	PI/2 BPSK	1	104	18.50	18.53	18.52		
40	PI/2 BPSK	50	0	18.59	18.52	18.53	19.9	0.0
40	PI/2 BPSK	50	28	18.47	18.53	18.46	19.9	0.0
40	PI/2 BPSK	50	56	18.50	18.57	18.54	19.9	0.0
40	PI/2 BPSK	100	0	18.50	18.56	18.43		
40	QPSK	1	1	18.60	18.66	18.58	19.9	0.0
40	QPSK	1	53	18.53	18.60	18.43		
40	QPSK	1	104	18.54	18.60	18.46		
40	QPSK	50	0	18.54	18.60	18.54	19.9	0.0
40	QPSK	50	28	18.58	18.63	18.56		
40	QPSK	50	56	18.50	18.59	18.47		
40	QPSK	100	0	18.57	18.60	18.45	19.9	0.0
40	16QAM	1	1	18.51	18.58	18.50	19.9	0.0
40	64QAM	1	1	18.57	18.63	18.56	19.9	0.0
40	256QAM	1	1	18.47	18.63	18.57	19.9	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.49	18.52	18.54	19.9	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.58	18.65	18.46	19.9	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.53	18.62	18.48	19.9	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.46	18.64	18.45	19.9	0.0

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BW [MHz]	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	19.14	19.28	19.26	20.3	0.0
40	PI/2 BPSK	1	53	19.22	19.29	19.16		
40	PI/2 BPSK	1	104	19.09	19.20	19.21		
40	PI/2 BPSK	50	0	19.10	19.15	19.20	20.3	0.0
40	PI/2 BPSK	50	28	19.20	19.23	19.24	20.3	0.0
40	PI/2 BPSK	50	56	19.10	19.17	19.23	20.3	0.0
40	PI/2 BPSK	100	0	19.21	19.21	19.13		
40	QPSK	1	1	19.23	19.30	19.27	20.3	0.0
40	QPSK	1	53	19.10	19.18	19.25		
40	QPSK	1	104	19.10	19.25	19.15		
40	QPSK	50	0	19.19	19.23	19.20	20.3	0.0
40	QPSK	50	28	19.22	19.28	19.23		
40	QPSK	50	56	19.16	19.27	19.17		
40	QPSK	100	0	19.21	19.24	19.18	20.3	0.0
40	16QAM	1	1	19.20	19.15	19.13	20.3	0.0
40	64QAM	1	1	19.09	19.26	19.26	20.3	0.0
40	256QAM	1	1	19.22	19.23	19.19	20.3	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.17	19.15	19.23	20.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.12	19.27	19.21	20.3	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.21	19.22	19.18	20.3	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.22	19.19	19.26	20.3	0.0

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BW [MHz]	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	18.74	18.71	18.76	19.8	0.0
40	PI/2 BPSK	1	53	18.70	18.80	18.72		
40	PI/2 BPSK	1	104	18.73	18.69	18.75		
40	PI/2 BPSK	50	0	18.75	18.77	18.68	19.8	0.0
40	PI/2 BPSK	50	28	18.66	18.70	18.67	19.8	0.0
40	PI/2 BPSK	50	56	18.75	18.74	18.72	19.8	0.0
40	PI/2 BPSK	100	0	18.77	18.81	18.69		
40	QPSK	1	1	18.80	18.83	18.78	19.8	0.0
40	QPSK	1	53	18.76	18.69	18.65		
40	QPSK	1	104	18.65	18.75	18.69		
40	QPSK	50	0	18.67	18.77	18.65	19.8	0.0
40	QPSK	50	28	18.79	18.81	18.76		
40	QPSK	50	56	18.73	18.75	18.75		
40	QPSK	100	0	18.75	18.79	18.70	19.8	0.0
40	16QAM	1	1	18.68	18.80	18.68	19.8	0.0
40	64QAM	1	1	18.68	18.75	18.66	19.8	0.0
40	256QAM	1	1	18.78	18.77	18.71	19.8	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.78	18.68	18.77	19.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.76	18.74	18.73	19.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.72	18.73	18.72	19.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.75	18.75	18.67	19.8	0.0

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BW [MHz]	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)				2580.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.20	18.17	18.14	19.6	0.0
40	PI/2 BPSK	1	53	18.13	18.25	18.15		
40	PI/2 BPSK	1	104	18.13	18.20	18.17		
40	PI/2 BPSK	50	0	18.21	18.19	18.15	19.6	0.0
40	PI/2 BPSK	50	28	18.09	18.23	18.22	19.6	0.0
40	PI/2 BPSK	50	56	18.17	18.17	18.18	19.6	0.0
40	PI/2 BPSK	100	0	18.09	18.23	18.10		
40	QPSK	1	1	18.23	18.30	18.25	19.6	0.0
40	QPSK	1	53	18.13	18.16	18.17		
40	QPSK	1	104	18.09	18.16	18.11		
40	QPSK	50	0	18.20	18.15	18.13	19.6	0.0
40	QPSK	50	28	18.22	18.24	18.19		
40	QPSK	50	56	18.21	18.20	18.18		
40	QPSK	100	0	18.14	18.23	18.18	19.6	0.0
40	16QAM	1	1	18.11	18.26	18.14	19.6	0.0
40	64QAM	1	1	18.11	18.26	18.15	19.6	0.0
40	256QAM	1	1	18.13	18.29	18.10	19.6	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.17	18.20	18.12	19.6	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.09	18.26	18.10	19.6	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.10	18.15	18.22	19.6	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.17	18.22	18.23	19.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.94	19.09	19.09	20.2	0.0
100	PI/2 BPSK	1	137	18.97	19.02	19.00		
100	PI/2 BPSK	1	271	18.99	19.04	19.08		
100	PI/2 BPSK	135	0	19.02	19.01	18.98	20.2	0.0
100	PI/2 BPSK	135	69	18.94	19.08	18.96	20.2	0.0
100	PI/2 BPSK	135	138	19.01	18.99	19.08	20.2	0.0
100	PI/2 BPSK	270	0	19.05	19.01	19.01		
100	QPSK	1	1	19.08	19.13	19.10	20.2	0.0
100	QPSK	1	137	18.94	19.07	19.02		
100	QPSK	1	271	19.06	19.12	19.00		
100	QPSK	135	0	19.03	19.01	18.96	20.2	0.0
100	QPSK	135	69	19.06	19.11	19.08		
100	QPSK	135	138	18.97	19.01	19.03		
100	QPSK	270	0	18.99	19.08	19.02	20.2	0.0
100	16QAM	1	1	18.98	19.06	18.98	20.2	0.0
100	64QAM	1	1	19.05	19.06	18.99	20.2	0.0
100	256QAM	1	1	19.05	19.00	18.98	20.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.07	19.07	19.01	20.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.00	19.03	19.06	20.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	19.03	18.98	18.95	20.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	18.93	19.11	18.97	20.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	19.00	19.05	18.95	20.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	19.01	19.08	18.95	20.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	19.06	19.06	19.09	20.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	18.95	19.00	19.00	20.2	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.94	19.09	19.09	20.2	0.0
100	PI/2 BPSK	1	137	18.97	19.02	19.00		
100	PI/2 BPSK	1	271	18.99	19.04	19.08		
100	PI/2 BPSK	135	0	19.02	19.01	18.98	20.2	0.0
100	PI/2 BPSK	135	69	18.94	19.08	18.96	20.2	0.0
100	PI/2 BPSK	135	138	19.01	18.99	19.08	20.2	0.0
100	PI/2 BPSK	270	0	19.05	19.01	19.01		
100	QPSK	1	1	19.08	19.13	19.10	20.2	0.0
100	QPSK	1	137	18.94	19.07	19.02		
100	QPSK	1	271	19.06	19.12	19.00		
100	QPSK	135	0	19.03	19.01	18.96	20.2	0.0
100	QPSK	135	69	19.06	19.11	19.08		
100	QPSK	135	138	18.97	19.01	19.03		
100	QPSK	270	0	18.99	19.08	19.02	20.2	0.0
100	16QAM	1	1	18.98	19.06	18.98	20.2	0.0
100	64QAM	1	1	19.05	19.06	18.99	20.2	0.0
100	256QAM	1	1	19.05	19.00	18.98	20.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.07	19.07	19.01	20.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.00	19.03	19.06	20.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	19.03	18.98	18.95	20.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	18.93	19.11	18.97	20.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	19.00	19.05	18.95	20.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	19.01	19.08	18.95	20.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	19.06	19.06	19.09	20.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	18.95	19.00	19.00	20.2	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.63	17.65	17.55	18.7	0.0
100	PI/2 BPSK	1	137	17.58	17.61	17.55		
100	PI/2 BPSK	1	271	17.52	17.54	17.55		
100	PI/2 BPSK	135	0	17.63	17.67	17.56	18.7	0.0
100	PI/2 BPSK	135	69	17.55	17.56	17.55	18.7	0.0
100	PI/2 BPSK	135	138	17.64	17.67	17.54	18.7	0.0
100	PI/2 BPSK	270	0	17.52	17.66	17.51		
100	QPSK	1	1	17.66	17.69	17.60	18.7	0.0
100	QPSK	1	137	17.57	17.68	17.48		
100	QPSK	1	271	17.60	17.65	17.48		
100	QPSK	135	0	17.54	17.65	17.53	18.7	0.0
100	QPSK	135	69	17.65	17.68	17.57		
100	QPSK	135	138	17.60	17.59	17.53		
100	QPSK	270	0	17.52	17.63	17.55	18.7	0.0
100	16QAM	1	1	17.65	17.58	17.52	18.7	0.0
100	64QAM	1	1	17.52	17.65	17.57	18.7	0.0
100	256QAM	1	1	17.61	17.65	17.56	18.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.57	17.62	17.50	18.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.51	17.57	17.49	18.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	17.56	17.54	17.57	18.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	17.62	17.60	17.52	18.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	17.57	17.64	17.50	18.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	17.64	17.68	17.59	18.7	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	17.51	17.56	17.55	18.7	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	17.54	17.54	17.55	18.7	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.63	17.65	17.55	18.7	0.0
100	PI/2 BPSK	1	137	17.58	17.61	17.55		
100	PI/2 BPSK	1	271	17.52	17.54	17.55		
100	PI/2 BPSK	135	0	17.63	17.67	17.56	18.7	0.0
100	PI/2 BPSK	135	69	17.55	17.56	17.55	18.7	0.0
100	PI/2 BPSK	135	138	17.64	17.67	17.54	18.7	0.0
100	PI/2 BPSK	270	0	17.52	17.66	17.51		
100	QPSK	1	1	17.66	17.69	17.60	18.7	0.0
100	QPSK	1	137	17.57	17.68	17.48		
100	QPSK	1	271	17.60	17.65	17.48		
100	QPSK	135	0	17.54	17.65	17.53	18.7	0.0
100	QPSK	135	69	17.65	17.68	17.57		
100	QPSK	135	138	17.60	17.59	17.53		
100	QPSK	270	0	17.52	17.63	17.55	18.7	0.0
100	16QAM	1	1	17.65	17.58	17.52	18.7	0.0
100	64QAM	1	1	17.52	17.65	17.57	18.7	0.0
100	256QAM	1	1	17.61	17.65	17.56	18.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.57	17.62	17.50	18.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.51	17.57	17.49	18.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	17.56	17.54	17.57	18.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	17.62	17.60	17.52	18.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	17.57	17.64	17.50	18.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	17.64	17.68	17.59	18.7	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	17.51	17.56	17.55	18.7	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	17.54	17.54	17.55	18.7	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.78	16.80	16.81	17.6	0.0
100	PI/2 BPSK	1	137	16.78	16.80	16.72		
100	PI/2 BPSK	1	271	16.76	16.74	16.73		
100	PI/2 BPSK	135	0	16.70	16.78	16.79	17.6	0.0
100	PI/2 BPSK	135	69	16.67	16.76	16.75	17.6	0.0
100	PI/2 BPSK	135	138	16.76	16.73	16.74	17.6	0.0
100	PI/2 BPSK	270	0	16.66	16.76	16.68		
100	QPSK	1	1	16.80	16.88	16.82	17.6	0.0
100	QPSK	1	137	16.77	16.85	16.76		
100	QPSK	1	271	16.67	16.85	16.79		
100	QPSK	135	0	16.75	16.83	16.67	17.6	0.0
100	QPSK	135	69	16.78	16.85	16.80		
100	QPSK	135	138	16.73	16.78	16.67		
100	QPSK	270	0	16.73	16.84	16.78	17.6	0.0
100	16QAM	1	1	16.73	16.80	16.75	17.6	0.0
100	64QAM	1	1	16.77	16.73	16.80	17.6	0.0
100	256QAM	1	1	16.77	16.83	16.72	17.6	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.72	16.85	16.79	17.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.75	16.75	16.74	17.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	16.77	16.81	16.70	17.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	16.68	16.79	16.76	17.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	16.73	16.83	16.68	17.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	16.76	16.82	16.80	17.6	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	16.76	16.77	16.68	17.6	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	16.72	16.85	16.78	17.6	0.0

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BW [MHz]	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	16.78	16.80	16.81	17.6	0.0
100	PI/2 BPSK	1	137	16.78	16.80	16.72		
100	PI/2 BPSK	1	271	16.76	16.74	16.73		
100	PI/2 BPSK	135	0	16.70	16.78	16.79	17.6	0.0
100	PI/2 BPSK	135	69	16.67	16.76	16.75	17.6	0.0
100	PI/2 BPSK	135	138	16.76	16.73	16.74	17.6	0.0
100	PI/2 BPSK	270	0	16.66	16.76	16.68		
100	QPSK	1	1	16.80	16.88	16.82	17.6	0.0
100	QPSK	1	137	16.77	16.85	16.76		
100	QPSK	1	271	16.67	16.85	16.79		
100	QPSK	135	0	16.75	16.83	16.67	17.6	0.0
100	QPSK	135	69	16.78	16.85	16.80		
100	QPSK	135	138	16.73	16.78	16.67		
100	QPSK	270	0	16.73	16.84	16.78	17.6	0.0
100	16QAM	1	1	16.73	16.80	16.75	17.6	0.0
100	64QAM	1	1	16.77	16.73	16.80	17.6	0.0
100	256QAM	1	1	16.77	16.83	16.72	17.6	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.72	16.85	16.79	17.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.75	16.75	16.74	17.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	16.77	16.81	16.70	17.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	16.68	16.79	16.76	17.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	16.73	16.83	16.68	17.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	16.76	16.82	16.80	17.6	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	16.76	16.77	16.68	17.6	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	16.72	16.85	16.78	17.6	0.0

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BW [MHz]	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	17.88	17.90	17.75	19.2	0.0
100	PI/2 BPSK	1	137	17.96	18.09	17.97		
100	PI/2 BPSK	1	271	18.08	18.11	18.13		
100	PI/2 BPSK	135	0	18.00	18.07	18.01	19.2	0.0
100	PI/2 BPSK	135	69	18.07	18.12	18.09	19.2	0.0
100	PI/2 BPSK	135	138	18.03	18.10	18.11	19.2	0.0
100	PI/2 BPSK	270	0	17.99	18.13	18.10		
100	QPSK	1	1	18.12	18.15	18.09	19.2	0.0
100	QPSK	1	137	18.06	18.10	18.04		
100	QPSK	1	271	18.02	18.12	18.01		
100	QPSK	135	0	17.98	18.04	17.93	19.2	0.0
100	QPSK	135	69	18.11	18.13	18.12		
100	QPSK	135	138	18.07	18.10	18.03		
100	QPSK	270	0	18.00	18.09	17.99	19.2	0.0
100	16QAM	1	1	18.02	18.12	18.02	19.2	0.0
100	64QAM	1	1	18.06	18.10	18.08	19.2	0.0
100	256QAM	1	1	18.03	18.08	18.03	19.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.09	18.05	17.95	19.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.05	18.09	17.95	19.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	18.07	18.07	17.96	19.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	18.07	18.00	18.06	19.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	18.06	18.00	17.97	19.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	18.06	18.03	17.97	19.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	17.99	18.05	17.95	19.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	18.10	18.02	18.03	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.88	17.90	17.75	19.2	0.0
100	PI/2 BPSK	1	137	17.96	18.09	17.97		
100	PI/2 BPSK	1	271	18.08	18.11	18.13		
100	PI/2 BPSK	135	0	18.00	18.07	18.01	19.2	0.0
100	PI/2 BPSK	135	69	18.07	18.12	18.09	19.2	0.0
100	PI/2 BPSK	135	138	18.03	18.10	18.11	19.2	0.0
100	PI/2 BPSK	270	0	17.99	18.13	18.10		
100	QPSK	1	1	18.12	18.15	18.09	19.2	0.0
100	QPSK	1	137	18.06	18.10	18.04		
100	QPSK	1	271	18.02	18.12	18.01		
100	QPSK	135	0	17.98	18.04	17.93	19.2	0.0
100	QPSK	135	69	18.11	18.13	18.12		
100	QPSK	135	138	18.07	18.10	18.03		
100	QPSK	270	0	18.00	18.09	17.99	19.2	0.0
100	16QAM	1	1	18.02	18.12	18.02	19.2	0.0
100	64QAM	1	1	18.06	18.10	18.08	19.2	0.0
100	256QAM	1	1	18.03	18.08	18.03	19.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.09	18.05	17.95	19.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.05	18.09	17.95	19.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	18.07	18.07	17.96	19.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	18.07	18.00	18.06	19.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	18.06	18.00	17.97	19.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	18.06	18.03	17.97	19.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	17.99	18.05	17.95	19.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	18.10	18.02	18.03	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.32		19.2	0.0
100	PI/2 BPSK	1	137		18.23			
100	PI/2 BPSK	1	271		18.23			
100	PI/2 BPSK	135	0		18.31		19.2	0.0
100	PI/2 BPSK	135	69		18.24		19.2	0.0
100	PI/2 BPSK	135	138		18.30		19.2	0.0
100	PI/2 BPSK	270	0		18.31			
100	QPSK	1	1		18.38		19.2	0.0
100	QPSK	1	137		18.27			
100	QPSK	1	271		18.34			
100	QPSK	135	0		18.33		19.2	0.0
100	QPSK	135	69		18.37			
100	QPSK	135	138		18.36			
100	QPSK	270	0		18.30		19.2	0.0
100	16QAM	1	1		18.31		19.2	0.0
100	64QAM	1	1		18.24		19.2	0.0
100	256QAM	1	1		18.37		19.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.22	18.21	18.12	19.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.21	18.24	18.19	19.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.27	18.28	18.15	19.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.32	18.29	18.10	19.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.28	18.19	18.09	19.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.21	18.27	18.23	19.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.32	18.21	18.15	19.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.23	18.24	18.10	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.10	18.13	18.13	19.2	0.0
100	PI/2 BPSK	1	137	17.97	18.14	18.11		
100	PI/2 BPSK	1	271	18.00	18.13	18.14		
100	PI/2 BPSK	135	0	17.97	18.19	18.02	19.2	0.0
100	PI/2 BPSK	135	69	17.99	18.18	18.00	19.2	0.0
100	PI/2 BPSK	135	138	18.08	18.13	18.12	19.2	0.0
100	PI/2 BPSK	270	0	17.98	18.09	18.07		
100	QPSK	1	1	18.12	18.20	18.15	19.2	0.0
100	QPSK	1	137	18.06	18.17	18.05		
100	QPSK	1	271	17.98	18.15	18.05		
100	QPSK	135	0	18.02	18.10	18.11	19.2	0.0
100	QPSK	135	69	18.11	18.16	18.13		
100	QPSK	135	138	18.10	18.08	18.11		
100	QPSK	270	0	18.11	18.12	18.12	19.2	0.0
100	16QAM	1	1	18.06	18.12	18.08	19.2	0.0
100	64QAM	1	1	18.08	18.09	18.00	19.2	0.0
100	256QAM	1	1	18.03	18.14	18.07	19.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.00	18.13	18.01	19.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.98	18.09	18.01	19.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.99	18.13	18.00	19.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.07	18.05	18.01	19.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.00	18.11	18.11	19.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.99	18.14	18.00	19.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	18.07	18.08	18.02	19.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.03	18.05	18.02	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.47		20.2	0.0
100	PI/2 BPSK	1	137		18.49			
100	PI/2 BPSK	1	271		18.59			
100	PI/2 BPSK	135	0		18.57		20.2	0.0
100	PI/2 BPSK	135	69		18.54		20.2	0.0
100	PI/2 BPSK	135	138		18.55		20.2	0.0
100	PI/2 BPSK	270	0		18.48			
100	QPSK	1	1		18.60		20.2	0.0
100	QPSK	1	137		18.59			
100	QPSK	1	271		18.48			
100	QPSK	135	0		18.48		20.2	0.0
100	QPSK	135	69		18.57			
100	QPSK	135	138		18.51			
100	QPSK	270	0		18.55		20.2	0.0
100	16QAM	1	1		18.53		20.2	0.0
100	64QAM	1	1		18.45		20.2	0.0
100	256QAM	1	1		18.53		20.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.51	18.49	18.45	20.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.58	18.56	18.44	20.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.56	18.45	18.45	20.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.50	18.48	18.45	20.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.49	18.45	18.37	20.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.54	18.54	18.36	20.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.45	18.51	18.35	20.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.58	18.53	18.35	20.2	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.47	18.59	18.51	20.2	0.0
100	PI/2 BPSK	1	137	18.43	18.50	18.44		
100	PI/2 BPSK	1	271	18.40	18.58	18.41		
100	PI/2 BPSK	135	0	18.50	18.56	18.52	20.2	0.0
100	PI/2 BPSK	135	69	18.47	18.49	18.44	20.2	0.0
100	PI/2 BPSK	135	138	18.41	18.49	18.39	20.2	0.0
100	PI/2 BPSK	270	0	18.49	18.62	18.47		
100	QPSK	1	1	18.55	18.63	18.53	20.2	0.0
100	QPSK	1	137	18.47	18.51	18.40		
100	QPSK	1	271	18.48	18.58	18.41		
100	QPSK	135	0	18.42	18.56	18.48	20.2	0.0
100	QPSK	135	69	18.52	18.61	18.51		
100	QPSK	135	138	18.47	18.60	18.43		
100	QPSK	270	0	18.50	18.59	18.48	20.2	0.0
100	16QAM	1	1	18.52	18.57	18.48	20.2	0.0
100	64QAM	1	1	18.53	18.51	18.43	20.2	0.0
100	256QAM	1	1	18.42	18.60	18.49	20.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.50	18.49	18.38	20.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.50	18.52	18.52	20.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.54	18.49	18.41	20.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.54	18.56	18.40	20.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.54	18.50	18.52	20.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.46	18.56	18.39	20.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	18.45	18.50	18.40	20.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.51	18.53	18.45	20.2	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.78		20.2	0.0
100	PI/2 BPSK	1	137		18.73			
100	PI/2 BPSK	1	271		18.79			
100	PI/2 BPSK	135	0		18.70		20.2	0.0
100	PI/2 BPSK	135	69		18.77		20.2	0.0
100	PI/2 BPSK	135	138		18.71		20.2	0.0
100	PI/2 BPSK	270	0		18.78			
100	QPSK	1	1		18.80		20.2	0.0
100	QPSK	1	137		18.70			
100	QPSK	1	271		18.65			
100	QPSK	135	0		18.67		20.2	0.0
100	QPSK	135	69		18.72			
100	QPSK	135	138		18.62			
100	QPSK	270	0		18.66		20.2	0.0
100	16QAM	1	1		18.79		20.2	0.0
100	64QAM	1	1		18.65		20.2	0.0
100	256QAM	1	1		18.73		20.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.77	18.59	18.63	20.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.65	18.66	18.64	20.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.70	18.69	18.69	20.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.78	18.63	18.60	20.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.68	18.71	18.63	20.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.73	18.67	18.65	20.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.70	18.63	18.68	20.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.78	18.63	18.56	20.2	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.85	18.95	18.92	20.2	0.0
100	PI/2 BPSK	1	137	18.77	18.90	18.83		
100	PI/2 BPSK	1	271	18.80	18.93	18.83		
100	PI/2 BPSK	135	0	18.77	18.98	18.85	20.2	0.0
100	PI/2 BPSK	135	69	18.89	18.94	18.81	20.2	0.0
100	PI/2 BPSK	135	138	18.81	18.98	18.83	20.2	0.0
100	PI/2 BPSK	270	0	18.75	18.93	18.91		
100	QPSK	1	1	18.90	18.99	18.93	20.2	0.0
100	QPSK	1	137	18.89	18.89	18.83		
100	QPSK	1	271	18.78	18.87	18.81		
100	QPSK	135	0	18.79	18.97	18.90	20.2	0.0
100	QPSK	135	69	18.88	18.98	18.92		
100	QPSK	135	138	18.85	18.93	18.83		
100	QPSK	270	0	18.84	18.96	18.83	20.2	0.0
100	16QAM	1	1	18.88	18.86	18.83	20.2	0.0
100	64QAM	1	1	18.83	18.88	18.81	20.2	0.0
100	256QAM	1	1	18.89	18.96	18.87	20.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.86	18.87	18.90	20.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.77	18.89	18.90	20.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.79	18.96	18.91	20.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.77	18.90	18.81	20.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.87	18.92	18.79	20.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.76	18.87	18.89	20.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	18.75	18.89	18.82	20.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.89	18.84	18.84	20.2	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.16		19.7	0.0
100	PI/2 BPSK	1	137		18.15			
100	PI/2 BPSK	1	271		18.11			
100	PI/2 BPSK	135	0		18.04		19.7	0.0
100	PI/2 BPSK	135	69		18.04		19.7	0.0
100	PI/2 BPSK	135	138		18.07		19.7	0.0
100	PI/2 BPSK	270	0		18.08			
100	QPSK	1	1		18.20		19.7	0.0
100	QPSK	1	137		18.05			
100	QPSK	1	271		18.04			
100	QPSK	135	0		18.06		19.7	0.0
100	QPSK	135	69		18.15			
100	QPSK	135	138		18.08			
100	QPSK	270	0		18.04		19.7	0.0
100	16QAM	1	1		18.15		19.7	0.0
100	64QAM	1	1		18.12		19.7	0.0
100	256QAM	1	1		17.63		19.2	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.04	18.03	18.09	19.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.07	18.05	18.08	19.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.15	18.05	18.06	19.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.12	18.03	18.00	19.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.05	18.01	18.08	19.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.15	18.02	18.03	19.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.17	17.98	18.10	19.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.05	18.08	18.07	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.07	18.12	18.02	19.7	0.0
100	PI/2 BPSK	1	137	18.02	18.06	17.97		
100	PI/2 BPSK	1	271	18.07	18.06	18.02		
100	PI/2 BPSK	135	0	17.97	18.17	17.99	19.7	0.0
100	PI/2 BPSK	135	69	17.97	18.05	18.07	19.7	0.0
100	PI/2 BPSK	135	138	18.09	18.13	17.95	19.7	0.0
100	PI/2 BPSK	270	0	18.05	18.06	18.00		
100	QPSK	1	1	18.12	18.18	18.10	19.7	0.0
100	QPSK	1	137	18.11	18.09	18.01		
100	QPSK	1	271	18.08	18.05	18.06		
100	QPSK	135	0	18.05	18.14	18.04	19.7	0.0
100	QPSK	135	69	18.10	18.16	18.08		
100	QPSK	135	138	18.08	18.08	18.01		
100	QPSK	270	0	17.98	18.03	17.98	19.7	0.0
100	16QAM	1	1	17.98	18.13	18.03	19.7	0.0
100	64QAM	1	1	18.03	18.04	18.01	19.7	0.0
100	256QAM	1	1	17.58	17.54	17.53	19.2	0.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	18.01	18.11	18.08	19.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	18.09	18.17	18.04	19.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.11	18.13	18.05	19.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	18.03	18.17	18.05	19.7	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	18.06	18.04	18.07	19.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.99	18.07	18.02	19.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	18.01	18.06	18.07	19.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	18.09	18.10	18.07	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.58		19.7	0.0
100	PI/2 BPSK	1	137		18.46			
100	PI/2 BPSK	1	271		18.53			
100	PI/2 BPSK	135	0		18.49		19.7	0.0
100	PI/2 BPSK	135	69		18.49		19.7	0.0
100	PI/2 BPSK	135	138		18.50		19.7	0.0
100	PI/2 BPSK	270	0		18.48			
100	QPSK	1	1		18.60		19.7	0.0
100	QPSK	1	137		18.57			
100	QPSK	1	271		18.57			
100	QPSK	135	0		18.56		19.7	0.0
100	QPSK	135	69		18.58			
100	QPSK	135	138		18.47			
100	QPSK	270	0		18.53		19.7	0.0
100	16QAM	1	1		18.58		19.7	0.0
100	64QAM	1	1		18.50		19.7	0.0
100	256QAM	1	1		18.54		19.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.53	18.42	18.42	19.7	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	18.52	18.49	19.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.57	18.42	18.47	19.7	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	18.51	18.41	19.7	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	18.52	18.42	19.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.52	18.42	18.44	19.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.52	18.43	18.51	19.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.45	18.44	18.39	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.93		19.7	0.0
100	PI/2 BPSK	1	137		19.04			
100	PI/2 BPSK	1	271		18.91			
100	PI/2 BPSK	135	0		18.99		19.7	0.0
100	PI/2 BPSK	135	69		18.94		19.7	0.0
100	PI/2 BPSK	135	138		18.99		19.7	0.0
100	PI/2 BPSK	270	0		18.97			
100	QPSK	1	1		19.06		19.7	0.0
100	QPSK	1	137		18.96			
100	QPSK	1	271		19.00			
100	QPSK	135	0		18.91		19.7	0.0
100	QPSK	135	69		19.02			
100	QPSK	135	138		18.99			
100	QPSK	270	0		19.00		19.7	0.0
100	16QAM	1	1		18.97		19.7	0.0
100	64QAM	1	1		19.05		19.7	0.0
100	256QAM	1	1		18.96		19.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	18.96	18.85	18.88	19.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	18.96	18.78	19.00	19.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.03	18.89	18.87	19.7	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	18.86	18.98	19.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	18.97	18.89	18.88	19.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.05	18.84	18.96	19.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	18.95	18.84	18.86	19.7	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	18.87	18.89	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.58		19.7	0.0
100	PI/2 BPSK	1	137		18.46			
100	PI/2 BPSK	1	271		18.53			
100	PI/2 BPSK	135	0		18.49		19.7	0.0
100	PI/2 BPSK	135	69		18.49		19.7	0.0
100	PI/2 BPSK	135	138		18.50		19.7	0.0
100	PI/2 BPSK	270	0		18.48			
100	QPSK	1	1		18.60		19.7	0.0
100	QPSK	1	137		18.57			
100	QPSK	1	271		18.57			
100	QPSK	135	0		18.56		19.7	0.0
100	QPSK	135	69		18.58			
100	QPSK	135	138		18.47			
100	QPSK	270	0		18.53		19.7	0.0
100	16QAM	1	1		18.58		19.7	0.0
100	64QAM	1	1		18.50		19.7	0.0
100	256QAM	1	1		18.54		19.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.53	18.42	18.42	19.7	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	18.52	18.49	19.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.57	18.42	18.47	19.7	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	18.51	18.41	19.7	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	18.52	18.42	19.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.52	18.42	18.44	19.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.52	18.43	18.51	19.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.45	18.44	18.39	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.93		19.7	0.0
100	PI/2 BPSK	1	137		19.04			
100	PI/2 BPSK	1	271		18.91			
100	PI/2 BPSK	135	0		18.99		19.7	0.0
100	PI/2 BPSK	135	69		18.94		19.7	0.0
100	PI/2 BPSK	135	138		18.99		19.7	0.0
100	PI/2 BPSK	270	0		18.97			
100	QPSK	1	1		19.06		19.7	0.0
100	QPSK	1	137		18.96			
100	QPSK	1	271		19.00			
100	QPSK	135	0		18.91		19.7	0.0
100	QPSK	135	69		19.02			
100	QPSK	135	138		18.99			
100	QPSK	270	0		19.00		19.7	0.0
100	16QAM	1	1		18.97		19.7	0.0
100	64QAM	1	1		19.05		19.7	0.0
100	256QAM	1	1		18.96		19.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	18.96	18.85	18.88	19.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	18.96	18.78	19.00	19.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.03	18.89	18.87	19.7	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	18.86	18.98	19.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	18.97	18.89	18.88	19.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.05	18.84	18.96	19.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	18.95	18.84	18.86	19.7	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	18.87	18.89	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.79		20.7	0.0
100	PI/2 BPSK	1	137		18.74			
100	PI/2 BPSK	1	271		18.73			
100	PI/2 BPSK	135	0		18.83		20.7	0.0
100	PI/2 BPSK	135	69		18.84		20.7	0.0
100	PI/2 BPSK	135	138		18.75		20.7	0.0
100	PI/2 BPSK	270	0		18.84			
100	QPSK	1	1		18.88		20.7	0.0
100	QPSK	1	137		18.78			
100	QPSK	1	271		18.86			
100	QPSK	135	0		18.85		20.7	0.0
100	QPSK	135	69		18.85			
100	QPSK	135	138		18.74			
100	QPSK	270	0		18.80		20.7	0.0
100	16QAM	1	1		18.80		20.7	0.0
100	64QAM	1	1		18.74		20.7	0.0
100	256QAM	1	1		18.77		20.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.75	18.80	18.76	20.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.85	18.81	18.82	20.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.85	18.75	18.87	20.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.77	18.78	18.74	20.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.84	18.78	18.81	20.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.79	18.79	18.74	20.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.79	18.77	18.83	20.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.85	18.77	18.84	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.25		20.7	0.0
100	PI/2 BPSK	1	137		19.26			
100	PI/2 BPSK	1	271		19.36			
100	PI/2 BPSK	135	0		19.33		20.7	0.0
100	PI/2 BPSK	135	69		19.25		20.7	0.0
100	PI/2 BPSK	135	138		19.31		20.7	0.0
100	PI/2 BPSK	270	0		19.27			
100	QPSK	1	1		19.40		20.7	0.0
100	QPSK	1	137		19.27			
100	QPSK	1	271		19.36			
100	QPSK	135	0		19.34		20.7	0.0
100	QPSK	135	69		19.36			
100	QPSK	135	138		19.36			
100	QPSK	270	0		19.34		20.7	0.0
100	16QAM	1	1		19.31		20.7	0.0
100	64QAM	1	1		19.37		20.7	0.0
100	256QAM	1	1		19.39		20.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.30	19.33	19.26	20.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	19.29	19.27	19.31	20.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.28	19.34	19.37	20.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.29	19.31	19.34	20.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	19.34	19.29	19.29	20.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.30	19.23	19.34	20.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	19.36	19.29	19.29	20.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	19.30	19.33	19.32	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.79		20.7	0.0
100	PI/2 BPSK	1	137		18.74			
100	PI/2 BPSK	1	271		18.73			
100	PI/2 BPSK	135	0		18.83		20.7	0.0
100	PI/2 BPSK	135	69		18.84		20.7	0.0
100	PI/2 BPSK	135	138		18.75		20.7	0.0
100	PI/2 BPSK	270	0		18.84			
100	QPSK	1	1		18.88		20.7	0.0
100	QPSK	1	137		18.78			
100	QPSK	1	271		18.86			
100	QPSK	135	0		18.85		20.7	0.0
100	QPSK	135	69		18.85			
100	QPSK	135	138		18.74			
100	QPSK	270	0		18.80		20.7	0.0
100	16QAM	1	1		18.80		20.7	0.0
100	64QAM	1	1		18.74		20.7	0.0
100	256QAM	1	1		18.77		20.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.75	18.80	18.76	20.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.85	18.81	18.82	20.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.85	18.75	18.87	20.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.77	18.78	18.74	20.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.84	18.78	18.81	20.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.79	18.79	18.74	20.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.79	18.77	18.83	20.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.85	18.77	18.84	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.25		20.7	0.0
100	PI/2 BPSK	1	137		19.26			
100	PI/2 BPSK	1	271		19.36			
100	PI/2 BPSK	135	0		19.33		20.7	0.0
100	PI/2 BPSK	135	69		19.25		20.7	0.0
100	PI/2 BPSK	135	138		19.31		20.7	0.0
100	PI/2 BPSK	270	0		19.27			
100	QPSK	1	1		19.40		20.7	0.0
100	QPSK	1	137		19.27			
100	QPSK	1	271		19.36			
100	QPSK	135	0		19.34		20.7	0.0
100	QPSK	135	69		19.36			
100	QPSK	135	138		19.36			
100	QPSK	270	0		19.34		20.7	0.0
100	16QAM	1	1		19.31		20.7	0.0
100	64QAM	1	1		19.37		20.7	0.0
100	256QAM	1	1		19.39		20.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.30	19.33	19.26	20.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	19.29	19.27	19.31	20.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.28	19.34	19.37	20.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.29	19.31	19.34	20.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	19.34	19.29	19.29	20.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.30	19.23	19.34	20.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	19.36	19.29	19.29	20.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	19.30	19.33	19.32	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.40		21.2	0.0
100	PI/2 BPSK	1	137		20.29			
100	PI/2 BPSK	1	271		20.31			
100	PI/2 BPSK	135	0		20.32		21.2	0.0
100	PI/2 BPSK	135	69		20.33		21.2	0.0
100	PI/2 BPSK	135	138		20.34		21.2	0.0
100	PI/2 BPSK	270	0		20.31			
100	QPSK	1	1		20.43		21.2	0.0
100	QPSK	1	137		20.37			
100	QPSK	1	271		20.30			
100	QPSK	135	0		20.35		21.2	0.0
100	QPSK	135	69		20.41			
100	QPSK	135	138		20.35			
100	QPSK	270	0		20.27		21.2	0.0
100	16QAM	1	1		20.37		21.2	0.0
100	64QAM	1	1		20.37		21.2	0.0
100	256QAM	1	1		20.31		21.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.39	20.33	20.34	21.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.38	20.37	20.35	21.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.29	20.29	20.28	21.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.36	20.31	20.31	21.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.29	20.39	20.38	21.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.33	20.29	20.42	21.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.41	20.30	20.42	21.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.29	20.34	20.28	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.65		21.2	0.0
100	PI/2 BPSK	1	137		20.70			
100	PI/2 BPSK	1	271		20.64			
100	PI/2 BPSK	135	0		20.64		21.2	0.0
100	PI/2 BPSK	135	69		20.77		21.2	0.0
100	PI/2 BPSK	135	138		20.69		21.2	0.0
100	PI/2 BPSK	270	0		20.65			
100	QPSK	1	1		20.78		21.2	0.0
100	QPSK	1	137		20.76			
100	QPSK	1	271		20.70			
100	QPSK	135	0		20.64		21.2	0.0
100	QPSK	135	69		20.77			
100	QPSK	135	138		20.67			
100	QPSK	270	0		20.70		21.2	0.0
100	16QAM	1	1		20.70		21.2	0.0
100	64QAM	1	1		20.69		21.2	0.0
100	256QAM	1	1		20.71		21.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	20.65	20.69	20.76	21.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	20.69	20.74	20.77	21.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.70	20.66	20.63	21.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	20.75	20.63	20.73	21.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	20.66	20.64	20.69	21.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.64	20.73	20.77	21.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	20.66	20.76	20.73	21.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	20.67	20.68	20.63	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.84		21.7	0.0
100	PI/2 BPSK	1	137		20.76			
100	PI/2 BPSK	1	271		20.87			
100	PI/2 BPSK	135	0		20.82		21.7	0.0
100	PI/2 BPSK	135	69		20.82		21.7	0.0
100	PI/2 BPSK	135	138		20.77		21.7	0.0
100	PI/2 BPSK	270	0		20.82			
100	QPSK	1	1		20.90		21.7	0.0
100	QPSK	1	137		20.81			
100	QPSK	1	271		20.80			
100	QPSK	135	0		20.82		21.7	0.0
100	QPSK	135	69		20.88			
100	QPSK	135	138		20.78			
100	QPSK	270	0		20.80		21.7	0.0
100	16QAM	1	1		20.80		21.7	0.0
100	64QAM	1	1		20.86		21.7	0.0
100	256QAM	1	1		20.82		21.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.83	20.89	20.79	21.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.78	20.81	20.85	21.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.89	20.76	20.84	21.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.77	20.78	20.84	21.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.87	20.89	20.86	21.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.77	20.83	20.82	21.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.86	20.88	20.79	21.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.87	20.78	20.78	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.19		21.7	0.0
100	PI/2 BPSK	1	137		21.13			
100	PI/2 BPSK	1	271		21.18			
100	PI/2 BPSK	135	0		21.16		21.7	0.0
100	PI/2 BPSK	135	69		21.19		21.7	0.0
100	PI/2 BPSK	135	138		21.15		21.7	0.0
100	PI/2 BPSK	270	0		21.18			
100	QPSK	1	1		21.27		21.7	0.0
100	QPSK	1	137		21.21			
100	QPSK	1	271		21.16			
100	QPSK	135	0		21.22		21.7	0.0
100	QPSK	135	69		21.25			
100	QPSK	135	138		21.24			
100	QPSK	270	0		21.20		21.7	0.0
100	16QAM	1	1		21.17		21.7	0.0
100	64QAM	1	1		21.16		21.7	0.0
100	256QAM	1	1		21.19		21.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	21.09	21.19	21.18	21.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	21.10	21.19	21.16	21.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.07	21.19	21.14	21.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	21.00	21.16	21.17	21.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	21.07	21.19	21.18	21.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.10	21.09	21.16	21.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	20.99	21.14	21.19	21.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	21.02	21.12	21.08	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.47		18.2	0.0
100	PI/2 BPSK	1	137		16.50			
100	PI/2 BPSK	1	271		16.50			
100	PI/2 BPSK	135	0		16.53		18.2	0.0
100	PI/2 BPSK	135	69		16.45		18.2	0.0
100	PI/2 BPSK	135	138		16.46		18.2	0.0
100	PI/2 BPSK	270	0		16.45			
100	QPSK	1	1		16.60		18.2	0.0
100	QPSK	1	137		16.45			
100	QPSK	1	271		16.49			
100	QPSK	135	0		16.50		18.2	0.0
100	QPSK	135	69		16.58			
100	QPSK	135	138		16.55			
100	QPSK	270	0		16.55		18.2	0.0
100	16QAM	1	1		16.58		18.2	0.0
100	64QAM	1	1		16.51		18.2	0.0
100	256QAM	1	1		16.49		18.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.58	16.46	16.43	18.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.48	16.50	16.46	18.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.52	16.49	16.42	18.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.55	16.46	16.43	18.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.46	16.44	16.47	18.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.48	16.57	16.48	18.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.56	16.51	16.49	18.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.51	16.50	16.50	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.07		18.2	0.0
100	PI/2 BPSK	1	137		17.10			
100	PI/2 BPSK	1	271		17.01			
100	PI/2 BPSK	135	0		17.03		18.2	0.0
100	PI/2 BPSK	135	69		17.02		18.2	0.0
100	PI/2 BPSK	135	138		17.07		18.2	0.0
100	PI/2 BPSK	270	0		17.09			
100	QPSK	1	1		17.12		18.2	0.0
100	QPSK	1	137		17.07			
100	QPSK	1	271		16.97			
100	QPSK	135	0		17.04		18.2	0.0
100	QPSK	135	69		17.09			
100	QPSK	135	138		17.07			
100	QPSK	270	0		17.02		18.2	0.0
100	16QAM	1	1		17.07		18.2	0.0
100	64QAM	1	1		17.10		18.2	0.0
100	256QAM	1	1		17.05		18.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	16.94	16.96	16.96	18.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	16.95	17.03	16.91	18.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.03	17.03	16.98	18.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	17.04	17.06	17.01	18.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	17.04	17.05	16.94	18.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.01	17.04	17.04	18.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	16.91	17.02	17.03	18.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.02	17.02	17.01	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.47		18.2	0.0
100	PI/2 BPSK	1	137		16.50			
100	PI/2 BPSK	1	271		16.50			
100	PI/2 BPSK	135	0		16.53		18.2	0.0
100	PI/2 BPSK	135	69		16.45		18.2	0.0
100	PI/2 BPSK	135	138		16.46		18.2	0.0
100	PI/2 BPSK	270	0		16.45			
100	QPSK	1	1		16.60		18.2	0.0
100	QPSK	1	137		16.45			
100	QPSK	1	271		16.49			
100	QPSK	135	0		16.50		18.2	0.0
100	QPSK	135	69		16.58			
100	QPSK	135	138		16.55			
100	QPSK	270	0		16.55		18.2	0.0
100	16QAM	1	1		16.58		18.2	0.0
100	64QAM	1	1		16.51		18.2	0.0
100	256QAM	1	1		16.49		18.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.58	16.46	16.43	18.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.48	16.50	16.46	18.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.52	16.49	16.42	18.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.55	16.46	16.43	18.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.46	16.44	16.47	18.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.48	16.57	16.48	18.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.56	16.51	16.49	18.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.51	16.50	16.50	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.07		18.2	0.0
100	PI/2 BPSK	1	137		17.10			
100	PI/2 BPSK	1	271		17.01			
100	PI/2 BPSK	135	0		17.03		18.2	0.0
100	PI/2 BPSK	135	69		17.02		18.2	0.0
100	PI/2 BPSK	135	138		17.07		18.2	0.0
100	PI/2 BPSK	270	0		17.09			
100	QPSK	1	1		17.12		18.2	0.0
100	QPSK	1	137		17.07			
100	QPSK	1	271		16.97			
100	QPSK	135	0		17.04		18.2	0.0
100	QPSK	135	69		17.09			
100	QPSK	135	138		17.07			
100	QPSK	270	0		17.02		18.2	0.0
100	16QAM	1	1		17.07		18.2	0.0
100	64QAM	1	1		17.10		18.2	0.0
100	256QAM	1	1		17.05		18.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	16.94	16.96	16.96	18.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	16.95	17.03	16.91	18.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.03	17.03	16.98	18.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	17.04	17.06	17.01	18.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	17.04	17.05	16.94	18.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.01	17.04	17.04	18.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	16.91	17.02	17.03	18.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.02	17.02	17.01	18.2	0.0

Reduced Power Mode for ECI 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.91	22.92	22.91	24.2	0.0
20	PI/2 BPSK	1	53	22.86	22.93	22.84		
20	PI/2 BPSK	1	104	22.78	22.89	22.83		
20	PI/2 BPSK	50	0	22.31	22.42	22.32	23.7	0.5
20	PI/2 BPSK	50	28	22.86	22.92	22.87	24.2	0.0
20	PI/2 BPSK	50	56	22.36	22.38	22.35	23.7	0.5
20	PI/2 BPSK	100	0	22.38	22.43	22.32		
20	QPSK	1	1	22.87	22.96	22.93	24.2	0.0
20	QPSK	1	53	22.77	22.87	22.83		
20	QPSK	1	104	22.73	22.86	22.72		
20	QPSK	50	0	22.28	22.40	22.28	23.7	0.5
20	QPSK	50	28	22.83	22.89	22.85	24.2	0.0
20	QPSK	50	56	22.33	22.36	22.30	23.7	0.5
20	QPSK	100	0	22.34	22.37	22.27		
20	16QAM	1	1	22.17	22.18	22.09	23.2	1.0
20	64QAM	1	1	21.72	21.78	21.67	22.7	1.5
20	256QAM	1	1	21.24	21.32	21.30	22.2	2.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.83	22.89	22.90	24.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.81	22.84	22.85	24.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.74	22.87	22.83	24.2	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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.64	16.78	16.66	17.8	0.0
20	PI/2 BPSK	1	53	16.61	16.77	16.64		
20	PI/2 BPSK	1	104	16.66	16.65	16.72		
20	PI/2 BPSK	50	0	16.62	16.71	16.65	17.8	0.0
20	PI/2 BPSK	50	28	16.70	16.70	16.62	17.8	0.0
20	PI/2 BPSK	50	56	16.71	16.71	16.63	17.8	0.0
20	PI/2 BPSK	100	0	16.60	16.72	16.72		
20	QPSK	1	1	16.72	16.80	16.76	17.8	0.0
20	QPSK	1	53	16.60	16.72	16.69		
20	QPSK	1	104	16.70	16.70	16.61		
20	QPSK	50	0	16.65	16.76	16.72	17.8	0.0
20	QPSK	50	28	16.69	16.78	16.75	17.8	0.0
20	QPSK	50	56	16.62	16.72	16.72	17.8	0.0
20	QPSK	100	0	16.66	16.74	16.71		
20	16QAM	1	1	16.68	16.73	16.72	17.8	0.0
20	64QAM	1	1	16.62	16.73	16.61	17.8	0.0
20	256QAM	1	1	16.61	16.72	16.64	17.8	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.70	16.65	16.62	17.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.61	16.68	16.65	17.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.66	16.70	16.71	17.8	0.0

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BW [MHz]	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	24.32	24.40	24.25	25.7	0.0
20	PI/2 BPSK	1	53	24.31	24.41	24.33		
20	PI/2 BPSK	1	104	24.29	24.39	24.36		
20	PI/2 BPSK	50	0	23.95	24.02	23.99	25.2	0.5
20	PI/2 BPSK	50	28	24.40	24.45	24.48	25.7	0.0
20	PI/2 BPSK	50	56	23.87	23.95	23.82	25.2	0.5
20	PI/2 BPSK	100	0	23.90	24.03	23.90		
20	QPSK	1	1	24.44	24.50	24.46	25.7	0.0
20	QPSK	1	53	24.32	24.38	24.33		
20	QPSK	1	104	24.31	24.33	24.32		
20	QPSK	50	0	23.88	23.98	23.86	25.2	0.5
20	QPSK	50	28	24.47	24.48	24.35	25.7	0.0
20	QPSK	50	56	23.87	23.95	23.86	25.2	0.5
20	QPSK	100	0	23.81	23.92	23.84		
20	16QAM	1	1	23.52	23.62	23.50	24.7	1.0
20	64QAM	1	1	23.17	23.18	23.05	24.2	1.5
20	256QAM	1	1	22.66	22.77	22.66	23.7	2.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.31	24.36	24.43	25.7	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.41	24.42	24.32	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	24.31	24.48	24.45	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	19.32	19.40	19.32	20.8	0.0
20	PI/2 BPSK	1	53	19.35	19.48	19.38		
20	PI/2 BPSK	1	104	19.35	19.49	19.38		
20	PI/2 BPSK	50	0	19.28	19.38	19.42	20.8	0.0
20	PI/2 BPSK	50	28	19.27	19.42	19.40	20.8	0.0
20	PI/2 BPSK	50	56	19.30	19.40	19.42	20.8	0.0
20	PI/2 BPSK	100	0	19.38	19.40	19.35		
20	QPSK	1	1	19.42	19.50	19.46	20.8	0.0
20	QPSK	1	53	19.29	19.38	19.35		
20	QPSK	1	104	19.27	19.47	19.35		
20	QPSK	50	0	19.31	19.45	19.32	20.8	0.0
20	QPSK	50	28	19.37	19.48	19.45	20.8	0.0
20	QPSK	50	56	19.30	19.39	19.35	20.8	0.0
20	QPSK	100	0	19.32	19.43	19.42		
20	16QAM	1	1	19.34	19.47	19.32	20.8	0.0
20	64QAM	1	1	19.28	19.49	19.34	20.8	0.0
20	256QAM	1	1	19.33	19.42	19.44	20.8	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	19.41	19.38	19.36	20.8	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	19.36	19.49	19.33	20.8	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	19.30	19.36	19.43	20.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	24.04	24.15	24.00	25.4	0.0
40	PI/2 BPSK	1	108	24.04	24.13	24.09		
40	PI/2 BPSK	1	214	24.10	24.20	24.14		
40	PI/2 BPSK	108	0	23.60	23.70	23.67	24.9	0.5
40	PI/2 BPSK	108	54	24.03	24.08	23.96	25.4	0.0
40	PI/2 BPSK	108	108	23.59	23.71	23.69	24.9	0.5
40	PI/2 BPSK	216	0	23.54	23.61	23.58		
40	QPSK	1	1	24.19	24.22	24.16	25.4	0.0
40	QPSK	1	108	24.05	24.14	23.99		
40	QPSK	1	214	24.18	24.20	24.15		
40	QPSK	108	0	23.49	23.56	23.53	24.9	0.5
40	QPSK	108	54	23.95	24.10	23.97	25.4	0.0
40	QPSK	108	108	23.58	23.59	23.48	24.9	0.5
40	QPSK	216	0	23.49	23.53	23.46		
40	16QAM	1	1	23.24	23.28	23.20	24.4	1.0
40	64QAM	1	1	22.89	22.90	22.83	23.9	1.5
40	256QAM	1	1	22.26	22.39	22.29	23.4	2.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.17	24.18	24.05	25.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.17	24.07	24.11	25.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.06	24.09	24.03	25.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.05	24.08	24.07	25.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.17	24.20	24.14	25.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.17	24.19	24.14	25.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.21	15.26	15.15	16.4	0.0
40	PI/2 BPSK	1	108	15.14	15.19	15.19		
40	PI/2 BPSK	1	214	15.20	15.29	15.12		
40	PI/2 BPSK	108	0	15.12	15.27	15.15	16.4	0.0
40	PI/2 BPSK	108	54	15.09	15.28	15.19	16.4	0.0
40	PI/2 BPSK	108	108	15.15	15.20	15.20	16.4	0.0
40	PI/2 BPSK	216	0	15.13	15.29	15.17		
40	QPSK	1	1	15.22	15.30	15.27	16.4	0.0
40	QPSK	1	108	15.08	15.19	15.12		
40	QPSK	1	214	15.21	15.29	15.21		
40	QPSK	108	0	15.16	15.15	15.17	16.4	0.0
40	QPSK	108	54	15.17	15.28	15.22	16.4	0.0
40	QPSK	108	108	15.15	15.24	15.15	16.4	0.0
40	QPSK	216	0	15.11	15.19	15.12		
40	16QAM	1	1	15.17	15.16	15.24	16.4	0.0
40	64QAM	1	1	15.11	15.23	15.12	16.4	0.0
40	256QAM	1	1	15.10	15.25	15.13	16.4	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.21	15.26	15.23	16.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.13	15.24	15.16	16.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.13	15.29	15.18	16.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.15	15.17	15.19	16.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.14	15.18	15.15	16.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.07	15.20	15.21	16.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.84	15.89	15.92	16.8	0.0
40	PI/2 BPSK	1	108	15.87	15.85	15.82		
40	PI/2 BPSK	1	214	15.82	15.85	15.89		
40	PI/2 BPSK	108	0	15.79	15.84	15.79	16.8	0.0
40	PI/2 BPSK	108	54	15.81	15.86	15.86	16.8	0.0
40	PI/2 BPSK	108	108	15.81	15.89	15.87	16.8	0.0
40	PI/2 BPSK	216	0	15.76	15.94	15.84		
40	QPSK	1	1	15.90	15.99	15.93	16.8	0.0
40	QPSK	1	108	15.85	15.89	15.82		
40	QPSK	1	214	15.82	15.91	15.91		
40	QPSK	108	0	15.79	15.95	15.79	16.8	0.0
40	QPSK	108	54	15.84	15.98	15.88	16.8	0.0
40	QPSK	108	108	15.75	15.89	15.87	16.8	0.0
40	QPSK	216	0	15.82	15.95	15.86		
40	16QAM	1	1	15.88	15.94	15.79	16.8	0.0
40	64QAM	1	1	15.88	15.93	15.87	16.8	0.0
40	256QAM	1	1	15.87	15.96	15.86	16.8	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.88	15.88	15.86	16.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.84	15.91	15.81	16.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.81	15.89	15.79	16.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.85	15.97	15.87	16.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.79	15.92	15.81	16.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.76	15.96	15.83	16.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.03	15.12	15.05	16.4	0.0
40	PI/2 BPSK	1	108	15.02	15.14	15.06		
40	PI/2 BPSK	1	214	15.09	15.07	15.00		
40	PI/2 BPSK	108	0	15.09	15.07	15.06	16.4	0.0
40	PI/2 BPSK	108	54	15.11	15.08	15.06	16.4	0.0
40	PI/2 BPSK	108	108	15.13	15.20	15.04	16.4	0.0
40	PI/2 BPSK	216	0	15.10	15.10	15.10		
40	QPSK	1	1	15.17	15.22	15.15	16.4	0.0
40	QPSK	1	108	15.13	15.19	15.05		
40	QPSK	1	214	15.07	15.18	15.01		
40	QPSK	108	0	15.04	15.16	15.11	16.4	0.0
40	QPSK	108	54	15.16	15.20	15.13	16.4	0.0
40	QPSK	108	108	15.12	15.11	15.08	16.4	0.0
40	QPSK	216	0	15.02	15.15	15.06		
40	16QAM	1	1	15.14	15.20	15.10	16.4	0.0
40	64QAM	1	1	15.13	15.19	15.06	16.4	0.0
40	256QAM	1	1	15.10	15.08	15.10	16.4	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.16	15.18	15.12	16.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.03	15.15	15.13	16.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.02	15.08	15.09	16.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.11	15.10	15.03	16.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.06	15.12	15.02	16.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.07	15.11	15.04	16.4	0.0

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BW [MHz]	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	22.46	22.58	22.45	24.2	0.0
15	PI/2 BPSK	1	40	22.60	22.66	22.56		
15	PI/2 BPSK	1	77	22.62	22.69	22.59		
15	PI/2 BPSK	36	0	22.15	22.26	22.25	23.7	0.5
15	PI/2 BPSK	36	22	22.64	22.74	22.71	24.2	0.0
15	PI/2 BPSK	36	43	22.19	22.25	22.16	23.7	0.5
15	PI/2 BPSK	75	0	22.20	22.26	22.19		
15	QPSK	1	1	22.68	22.77	22.75	24.2	0.0
15	QPSK	1	40	22.62	22.66	22.62		
15	QPSK	1	77	22.60	22.69	22.57		
15	QPSK	36	0	22.19	22.27	22.18	23.7	0.5
15	QPSK	36	22	22.74	22.75	22.72	24.2	0.0
15	QPSK	36	43	22.22	22.25	22.23	23.7	0.5
15	QPSK	75	0	22.20	22.28	22.16		
15	16QAM	1	1	21.84	21.90	21.84	23.2	1.0
15	64QAM	1	1	21.35	21.45	21.35	22.7	1.5
	256QAM	1	1	21.05	21.17	21.11	22.2	2.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.55	22.62	22.73	24.2	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	22.67	22.62	24.2	0.0

n12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	18.03	18.15	18.11	19.8	0.0
15	PI/2 BPSK	1	40	18.08	18.12	18.14		
15	PI/2 BPSK	1	77	18.05	18.15	18.02		
15	PI/2 BPSK	36	0	18.09	18.19	18.12	19.8	0.0
15	PI/2 BPSK	36	22	18.03	18.17	18.03	19.8	0.0
15	PI/2 BPSK	36	43	18.02	18.12	18.05	19.8	0.0
15	PI/2 BPSK	75	0	18.04	18.17	18.03		
15	QPSK	1	1	18.12	18.20	18.15	19.8	0.0
15	QPSK	1	40	18.01	18.07	18.10		
15	QPSK	1	77	18.02	18.16	18.12		
15	QPSK	36	0	18.08	18.09	18.03	19.8	0.0
15	QPSK	36	22	18.11	18.19	18.12	19.8	0.0
15	QPSK	36	43	18.07	18.18	18.08	19.8	0.0
15	QPSK	75	0	18.08	18.16	18.11		
15	16QAM	1	1	18.02	18.18	18.12	19.8	0.0
15	64QAM	1	1	18.10	18.07	18.01	19.8	0.0
	256QAM	1	1	18.00	18.10	18.02	19.8	0.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	18.07	18.16	18.10	19.8	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	18.10	18.12	18.02	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	24.32	24.38	24.27	25.7	0.0
20	PI/2 BPSK	1	53	24.29	24.39	24.24		
20	PI/2 BPSK	1	104	24.39	24.40	24.39		
20	PI/2 BPSK	50	0	23.89	23.97	23.90	25.2	0.5
20	PI/2 BPSK	50	28	24.34	24.42	24.39	25.7	0.0
20	PI/2 BPSK	50	56	23.94	24.00	23.93	25.2	0.5
20	PI/2 BPSK	100	0	23.85	23.97	23.90		
20	QPSK	1	1	24.44	24.51	24.39	25.7	0.0
20	QPSK	1	53	24.32	24.35	24.30		
20	QPSK	1	104	24.25	24.39	24.37		
20	QPSK	50	0	23.86	23.92	23.85	25.2	0.5
20	QPSK	50	28	24.43	24.45	24.33	25.7	0.0
20	QPSK	50	56	23.90	23.96	23.95	25.2	0.5
20	QPSK	100	0	23.88	23.91	23.80		
20	16QAM	1	1	23.64	23.67	23.60	24.7	1.0
20	64QAM	1	1	23.14	23.24	23.10	24.2	1.5
20	256QAM	1	1	22.67	22.82	22.73	23.7	2.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.30	24.43	24.26	25.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.31	24.42	24.30	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	24.39	24.30	24.25	25.7	0.0

n26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	19.50	19.57	19.43	20.8	0.0
20	PI/2 BPSK	1	53	19.53	19.54	19.56		
20	PI/2 BPSK	1	104	19.58	19.66	19.49		
20	PI/2 BPSK	50	0	19.47	19.66	19.51	20.8	0.0
20	PI/2 BPSK	50	28	19.55	19.54	19.51	20.8	0.0
20	PI/2 BPSK	50	56	19.56	19.63	19.56	20.8	0.0
20	PI/2 BPSK	100	0	19.52	19.64	19.46		
20	QPSK	1	1	19.62	19.69	19.58	20.8	0.0
20	QPSK	1	53	19.59	19.56	19.55		
20	QPSK	1	104	19.57	19.65	19.53		
20	QPSK	50	0	19.48	19.66	19.54	20.8	0.0
20	QPSK	50	28	19.60	19.67	19.56	20.8	0.0
20	QPSK	50	56	19.54	19.59	19.53	20.8	0.0
20	QPSK	100	0	19.53	19.59	19.55		
20	16QAM	1	1	19.56	19.56	19.53	20.8	0.0
20	64QAM	1	1	19.52	19.60	19.54	20.8	0.0
20	256QAM	1	1	19.47	19.64	19.55	20.8	0.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	19.58	19.61	19.50	20.8	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	19.47	19.55	19.52	20.8	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	19.60	19.54	19.46	20.8	0.0

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BW [MHz]	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	24.10	24.20	24.08	25.4	0.0
40	PI/2 BPSK	1	108	24.13	24.23	24.20		
40	PI/2 BPSK	1	214	23.94	24.08	23.99		
40	PI/2 BPSK	108	0	23.74	23.80	23.74	24.9	0.5
40	PI/2 BPSK	108	54	24.14	24.22	24.07	25.4	0.0
40	PI/2 BPSK	108	108	23.61	23.75	23.71	24.9	0.5
40	PI/2 BPSK	216	0	23.66	23.76	23.71		
40	QPSK	1	1	24.18	24.26	24.20	25.4	0.0
40	QPSK	1	108	24.16	24.25	24.15		
40	QPSK	1	214	24.09	24.13	24.07		
40	QPSK	108	0	22.95	22.98	22.93	24.4	1.0
40	QPSK	108	54	24.05	24.20	24.08	25.4	0.0
40	QPSK	108	108	22.93	22.91	22.98	24.4	1.0
40	QPSK	216	0	22.96	23.00	22.98		
40	16QAM	1	1	23.30	23.36	23.29	24.4	1.0
40	64QAM	1	1	22.82	22.88	22.87	23.9	1.5
40	256QAM	1	1	22.50	22.51	22.41	23.4	2.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.07	24.12	24.09	25.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.10	24.23	24.15	25.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.08	24.18	24.05	25.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.10	24.20	24.06	25.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.09	24.20	24.18	25.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.91	15.99	15.94	16.6	0.0
40	PI/2 BPSK	1	108	16.00	16.04	15.93		
40	PI/2 BPSK	1	214	15.98	15.97	15.91		
40	PI/2 BPSK	108	0	15.90	16.09	15.92	16.6	0.0
40	PI/2 BPSK	108	54	15.98	15.96	15.96	16.6	0.0
40	PI/2 BPSK	108	108	15.90	16.03	15.97	16.6	0.0
40	PI/2 BPSK	216	0	15.97	16.09	15.99		
40	QPSK	1	1	16.02	16.10	16.00	16.6	0.0
40	QPSK	1	108	15.97	15.96	15.89		
40	QPSK	1	214	15.91	16.00	15.93		
40	QPSK	108	0	15.90	16.05	15.90	16.6	0.0
40	QPSK	108	54	16.00	16.08	15.95	16.6	0.0
40	QPSK	108	108	15.89	16.02	15.93	16.6	0.0
40	QPSK	216	0	15.90	16.05	15.97		
40	16QAM	1	1	15.96	16.00	15.92	16.6	0.0
40	64QAM	1	1	15.98	16.01	15.88	16.6	0.0
40	256QAM	1	1	15.95	15.99	15.92	16.6	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.95	16.02	15.94	16.6	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.94	16.07	15.93	16.6	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.96	16.02	15.86	16.6	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.87	16.06	15.86	16.6	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.87	16.00	15.88	16.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.13	20.29	20.08	21.3	0.0
40	PI/2 BPSK	1	108	20.15	20.22	20.12		
40	PI/2 BPSK	1	214	20.13	20.25	20.10		
40	PI/2 BPSK	108	0	20.14	20.19	20.13	21.3	0.0
40	PI/2 BPSK	108	54	20.21	20.27	20.09	21.3	0.0
40	PI/2 BPSK	108	108	20.08	20.20	20.08	21.3	0.0
40	PI/2 BPSK	216	0	20.14	20.23	20.16		
40	QPSK	1	1	20.22	20.32	20.20	21.3	0.0
40	QPSK	1	108	20.11	20.27	20.10		
40	QPSK	1	214	20.18	20.29	20.15		
40	QPSK	108	0	20.15	20.27	20.08	21.3	0.0
40	QPSK	108	54	20.20	20.30	20.13	21.3	0.0
40	QPSK	108	108	20.19	20.25	20.11	21.3	0.0
40	QPSK	216	0	20.18	20.28	20.07		
40	16QAM	1	1	20.16	20.20	20.07	21.3	0.0
40	64QAM	1	1	20.17	20.31	20.11	21.3	0.0
40	256QAM	1	1	20.09	20.18	20.14	21.3	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.17	20.24	20.09	21.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.16	20.31	20.05	21.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.12	20.20	20.13	21.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.16	20.23	20.11	21.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.09	20.29	20.15	21.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	15.88	15.91	15.80	17.5	0.0
40	Pi/2 BPSK	1	108	15.88	15.88	15.84		
40	Pi/2 BPSK	1	214	15.82	15.93	15.84		
40	Pi/2 BPSK	108	0	15.80	15.92	15.80	17.5	0.0
40	Pi/2 BPSK	108	54	15.77	15.94	15.80	17.5	0.0
40	Pi/2 BPSK	108	108	15.76	15.89	15.87	17.5	0.0
40	Pi/2 BPSK	216	0	15.80	15.98	15.80		
40	QPSK	1	1	15.90	15.99	15.94	17.5	0.0
40	QPSK	1	108	15.81	15.87	15.83		
40	QPSK	1	214	15.87	15.90	15.90		
40	QPSK	108	0	15.77	15.84	15.92	17.5	0.0
40	QPSK	108	54	15.80	15.96	15.93	17.5	0.0
40	QPSK	108	108	15.76	15.89	15.85	17.5	0.0
40	QPSK	216	0	15.78	15.93	15.80		
40	16QAM	1	1	15.84	15.97	15.81	17.5	0.0
40	64QAM	1	1	15.79	15.97	15.79	17.5	0.0
40	256QAM	1	1	15.75	15.95	15.82	17.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.82	15.89	15.80	17.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.81	15.98	15.80	17.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.79	15.84	15.90	17.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.84	15.84	15.89	17.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.86	15.88	15.86	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.08	24.18	24.04	25.4	0.0
40	PI/2 BPSK	1	53	24.00	24.01	23.96		
40	PI/2 BPSK	1	104	24.09	24.15	24.07		
40	PI/2 BPSK	50	0	23.42	23.56	23.53	24.9	0.5
40	PI/2 BPSK	50	28	24.03	24.05	24.01	25.4	0.0
40	PI/2 BPSK	50	56	23.53	23.63	23.48	24.9	0.5
40	PI/2 BPSK	100	0	23.45	23.56	23.44		
40	QPSK	1	1	24.16	24.20	24.13	25.4	0.0
40	QPSK	1	53	23.96	23.99	23.91		
40	QPSK	1	104	24.09	24.15	24.03		
40	QPSK	50	0	23.45	23.50	23.46	25.4	0.0
40	QPSK	50	28	23.98	24.06	24.05		
40	QPSK	50	56	23.60	23.64	23.56		
40	QPSK	100	0	23.46	23.48	23.46	24.9	0.5
40	16QAM	1	1	23.20	23.30	23.19	24.4	1.0
40	64QAM	1	1	22.83	22.88	22.83	23.9	1.5
40	256QAM	1	1	22.33	22.45	22.41	23.4	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.11	24.11	24.08	25.4	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.10	24.05	24.04	25.4	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.13	24.16	24.03	25.4	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.15	24.17	24.04	25.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.61	15.71	15.71	16.8	0.0
40	PI/2 BPSK	1	53	15.65	15.68	15.74		
40	PI/2 BPSK	1	104	15.61	15.81	15.71		
40	PI/2 BPSK	50	0	15.63	15.73	15.66	16.8	0.0
40	PI/2 BPSK	50	28	15.69	15.75	15.71	16.8	0.0
40	PI/2 BPSK	50	56	15.73	15.75	15.75	16.8	0.0
40	PI/2 BPSK	100	0	15.67	15.70	15.72		
40	QPSK	1	1	15.76	15.82	15.78	16.8	0.0
40	QPSK	1	53	15.66	15.81	15.63		
40	QPSK	1	104	15.62	15.75	15.65		
40	QPSK	50	0	15.61	15.79	15.65	16.8	0.0
40	QPSK	50	28	15.75	15.80	15.75		
40	QPSK	50	56	15.64	15.68	15.68		
40	QPSK	100	0	15.68	15.74	15.66	16.8	0.0
40	16QAM	1	1	15.73	15.78	15.64	16.8	0.0
40	64QAM	1	1	15.65	15.71	15.63	16.8	0.0
40	256QAM	1	1	15.69	15.78	15.64	16.8	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.67	15.74	15.74	16.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	15.65	15.75	15.65	16.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.66	15.70	15.71	16.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.66	15.75	15.75	16.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.80	16.89	16.84	17.8	0.0
40	PI/2 BPSK	1	53	16.75	16.88	16.83		
40	PI/2 BPSK	1	104	16.73	16.87	16.89		
40	PI/2 BPSK	50	0	16.75	16.83	16.88	17.8	0.0
40	PI/2 BPSK	50	28	16.80	16.85	16.83	17.8	0.0
40	PI/2 BPSK	50	56	16.80	16.86	16.81	17.8	0.0
40	PI/2 BPSK	100	0	16.78	16.91	16.87		
40	QPSK	1	1	16.88	16.95	16.90	17.8	0.0
40	QPSK	1	53	16.82	16.93	16.79		
40	QPSK	1	104	16.84	16.88	16.86		
40	QPSK	50	0	16.80	16.80	16.76	17.8	0.0
40	QPSK	50	28	16.86	16.90	16.88		
40	QPSK	50	56	16.82	16.82	16.76		
40	QPSK	100	0	16.83	16.88	16.82	17.8	0.0
40	16QAM	1	1	16.81	16.81	16.88	17.8	0.0
40	64QAM	1	1	16.76	16.84	16.88	17.8	0.0
40	256QAM	1	1	16.74	16.94	16.81	17.8	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.86	16.91	16.86	17.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.87	16.92	16.87	17.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.81	16.86	16.87	17.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.77	16.80	16.85	17.8	0.0

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BW [MHz]	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	15.09	15.19	15.14	16.6	0.0
40	PI/2 BPSK	1	53	15.09	15.29	15.16		
40	PI/2 BPSK	1	104	15.17	15.23	15.09		
40	PI/2 BPSK	50	0	15.10	15.21	15.11	16.6	0.0
40	PI/2 BPSK	50	28	15.10	15.16	15.16	16.6	0.0
40	PI/2 BPSK	50	56	15.08	15.26	15.07	16.6	0.0
40	PI/2 BPSK	100	0	15.21	15.16	15.09		
40	QPSK	1	1	15.22	15.30	15.19	16.6	0.0
40	QPSK	1	53	15.07	15.17	15.18		
40	QPSK	1	104	15.11	15.29	15.13		
40	QPSK	50	0	15.14	15.27	15.14	16.6	0.0
40	QPSK	50	28	15.17	15.28	15.17		
40	QPSK	50	56	15.08	15.22	15.08		
40	QPSK	100	0	15.09	15.27	15.10	16.6	0.0
40	16QAM	1	1	15.08	15.15	15.15	16.6	0.0
40	64QAM	1	1	15.12	15.19	15.05	16.6	0.0
40	256QAM	1	1	15.21	15.24	15.04	16.6	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.18	15.29	15.15	16.6	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	15.12	15.19	15.16	16.6	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.14	15.22	15.13	16.6	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.17	15.19	15.08	16.6	0.0

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BW [MHz]	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	21.94	22.03	21.91	23.2	0.0
100	PI/2 BPSK	1	137	22.00	22.06	22.02		
100	PI/2 BPSK	1	271	21.95	22.05	21.97		
100	PI/2 BPSK	135	0	21.94	22.01	21.88	23.2	0.0
100	PI/2 BPSK	135	69	21.89	22.02	22.00	23.2	0.0
100	PI/2 BPSK	135	138	21.92	22.05	21.95	23.2	0.0
100	PI/2 BPSK	270	0	21.86	21.98	21.93		
100	QPSK	1	1	21.96	22.10	22.02	23.2	0.0
100	QPSK	1	137	21.94	22.06	21.96		
100	QPSK	1	271	21.95	22.04	21.90		
100	QPSK	135	0	21.90	22.02	21.95	23.2	0.0
100	QPSK	135	69	21.95	22.05	22.00		
100	QPSK	135	138	21.92	22.04	21.89		
100	QPSK	270	0	21.92	21.94	21.86	23.2	0.0
100	16QAM	1	1	21.90	21.98	21.97	23.2	0.0
100	64QAM	1	1	21.88	21.96	21.87	23.2	0.0
100	256QAM	1	1	21.93	22.00	21.90	23.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.89	22.01	21.93	23.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.83	21.96	21.99	23.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	21.90	21.98	21.92	23.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	21.83	22.07	22.00	23.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	21.87	21.95	22.00	23.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	21.89	22.09	22.01	23.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	21.84	22.04	21.94	23.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	21.89	22.06	21.87	23.2	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.03	25.12	24.98	26.2	0.0
100	PI/2 BPSK	1	137	24.76	24.83	24.77		
100	PI/2 BPSK	1	271	24.95	25.02	24.96		
100	PI/2 BPSK	135	0	24.41	24.47	24.33	25.7	0.5
100	PI/2 BPSK	135	69	24.87	25.02	24.99	26.2	0.0
100	PI/2 BPSK	135	138	24.27	24.36	24.30	25.7	0.5
100	PI/2 BPSK	270	0	24.32	24.35	24.28		
100	QPSK	1	1	25.21	25.22	25.20	26.2	0.0
100	QPSK	1	137	24.87	24.93	24.91		
100	QPSK	1	271	24.95	24.97	24.87		
100	QPSK	135	0	24.43	24.51	24.49	26.2	0.0
100	QPSK	135	69	25.05	25.10	24.99		
100	QPSK	135	138	24.36	24.39	24.32		
100	QPSK	270	0	24.30	24.37	24.22	25.7	0.5
100	16QAM	1	1	24.47	24.50	24.43	25.7	0.5
100	64QAM	1	1	23.88	23.91	23.90	25.2	1.0
100	256QAM	1	1	23.58	23.68	23.59	24.2	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.14	25.18	25.19	26.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.08	25.20	25.12	26.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	25.08	25.21	25.10	26.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	25.14	25.13	25.19	26.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	25.07	25.20	25.09	26.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	25.09	25.13	25.19	26.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	25.08	25.12	25.10	26.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	25.19	25.15	25.19	26.2	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.55	15.61	15.53	16.7	0.0
100	PI/2 BPSK	1	137	15.49	15.66	15.48		
100	PI/2 BPSK	1	271	15.51	15.63	15.55		
100	PI/2 BPSK	135	0	15.52	15.56	15.58	16.7	0.0
100	PI/2 BPSK	135	69	15.54	15.64	15.55	16.7	0.0
100	PI/2 BPSK	135	138	15.60	15.62	15.45	16.7	0.0
100	PI/2 BPSK	270	0	15.55	15.55	15.57		
100	QPSK	1	1	15.62	15.68	15.60	16.7	0.0
100	QPSK	1	137	15.47	15.57	15.53		
100	QPSK	1	271	15.60	15.66	15.59		
100	QPSK	135	0	15.51	15.60	15.51	16.7	0.0
100	QPSK	135	69	15.60	15.65	15.57		
100	QPSK	135	138	15.54	15.61	15.49		
100	QPSK	270	0	15.59	15.61	15.50	16.7	0.0
100	16QAM	1	1	15.50	15.65	15.52	16.7	0.0
100	64QAM	1	1	15.48	15.63	15.55	16.7	0.0
100	256QAM	1	1	15.47	15.63	15.46	16.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.56	15.55	15.46	16.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.56	15.64	15.51	16.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	15.52	15.63	15.57	16.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	15.47	15.53	15.51	16.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	15.58	15.61	15.54	16.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	15.59	15.56	15.55	16.7	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	15.59	15.63	15.58	16.7	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	15.55	15.62	15.55	16.7	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.55	15.61	15.53	16.7	0.0
100	PI/2 BPSK	1	137	15.49	15.66	15.48		
100	PI/2 BPSK	1	271	15.51	15.63	15.55		
100	PI/2 BPSK	135	0	15.52	15.56	15.58	16.7	0.0
100	PI/2 BPSK	135	69	15.54	15.64	15.55	16.7	0.0
100	PI/2 BPSK	135	138	15.60	15.62	15.45	16.7	0.0
100	PI/2 BPSK	270	0	15.55	15.55	15.57		
100	QPSK	1	1	15.62	15.68	15.60	16.7	0.0
100	QPSK	1	137	15.47	15.57	15.53		
100	QPSK	1	271	15.60	15.66	15.59		
100	QPSK	135	0	15.51	15.60	15.51	16.7	0.0
100	QPSK	135	69	15.60	15.65	15.57		
100	QPSK	135	138	15.54	15.61	15.49		
100	QPSK	270	0	15.59	15.61	15.50	16.7	0.0
100	16QAM	1	1	15.50	15.65	15.52	16.7	0.0
100	64QAM	1	1	15.48	15.63	15.55	16.7	0.0
100	256QAM	1	1	15.47	15.63	15.46	16.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.56	15.55	15.46	16.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.56	15.64	15.51	16.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	15.52	15.63	15.57	16.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	15.47	15.53	15.51	16.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	15.58	15.61	15.54	16.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	15.59	15.56	15.55	16.7	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	15.59	15.63	15.58	16.7	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	15.55	15.62	15.55	16.7	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	13.18	13.26	13.16	14.1	0.0
100	PI/2 BPSK	1	137	13.09	13.25	13.13		
100	PI/2 BPSK	1	271	13.16	13.29	13.13		
100	PI/2 BPSK	135	0	13.08	13.20	13.19	14.1	0.0
100	PI/2 BPSK	135	69	13.17	13.29	13.15	14.1	0.0
100	PI/2 BPSK	135	138	13.14	13.23	13.16	14.1	0.0
100	PI/2 BPSK	270	0	13.08	13.21	13.11		
100	QPSK	1	1	13.22	13.30	13.26	14.1	0.0
100	QPSK	1	137	13.13	13.28	13.24		
100	QPSK	1	271	13.09	13.23	13.14		
100	QPSK	135	0	13.13	13.27	13.15	14.1	0.0
100	QPSK	135	69	13.20	13.29	13.18		
100	QPSK	135	138	13.12	13.25	13.17		
100	QPSK	270	0	13.08	13.24	13.20	14.1	0.0
100	16QAM	1	1	13.18	13.18	13.20	14.1	0.0
100	64QAM	1	1	13.21	13.19	13.12	14.1	0.0
100	256QAM	1	1	13.15	13.27	13.24	14.1	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	13.19	13.24	13.11	14.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	13.21	13.15	13.18	14.1	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	13.17	13.18	13.12	14.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	13.14	13.17	13.20	14.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	13.20	13.16	13.25	14.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	13.13	13.19	13.18	14.1	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	13.16	13.21	13.15	14.1	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	13.13	13.25	13.18	14.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	13.18	13.26	13.16	14.1	0.0
100	PI/2 BPSK	1	137	13.09	13.25	13.13		
100	PI/2 BPSK	1	271	13.16	13.29	13.13		
100	PI/2 BPSK	135	0	13.08	13.20	13.19	14.1	0.0
100	PI/2 BPSK	135	69	13.17	13.29	13.15	14.1	0.0
100	PI/2 BPSK	135	138	13.14	13.23	13.16	14.1	0.0
100	PI/2 BPSK	270	0	13.08	13.21	13.11		
100	QPSK	1	1	13.22	13.30	13.26	14.1	0.0
100	QPSK	1	137	13.13	13.28	13.24		
100	QPSK	1	271	13.09	13.23	13.14		
100	QPSK	135	0	13.13	13.27	13.15	14.1	0.0
100	QPSK	135	69	13.20	13.29	13.18		
100	QPSK	135	138	13.12	13.25	13.17		
100	QPSK	270	0	13.08	13.24	13.20	14.1	0.0
100	16QAM	1	1	13.18	13.18	13.20	14.1	0.0
100	64QAM	1	1	13.21	13.19	13.12	14.1	0.0
100	256QAM	1	1	13.15	13.27	13.24	14.1	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	13.19	13.24	13.11	14.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	13.21	13.15	13.18	14.1	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	13.17	13.18	13.12	14.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	13.14	13.17	13.20	14.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	13.20	13.16	13.25	14.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	13.13	13.19	13.18	14.1	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	13.16	13.21	13.15	14.1	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	13.13	13.25	13.18	14.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.08	15.12	15.01	16.2	0.0
100	PI/2 BPSK	1	137	15.05	15.08	15.05		
100	PI/2 BPSK	1	271	14.98	15.17	15.07		
100	PI/2 BPSK	135	0	15.05	15.10	15.07	16.2	0.0
100	PI/2 BPSK	135	69	15.10	15.12	15.03	16.2	0.0
100	PI/2 BPSK	135	138	14.98	15.18	15.03	16.2	0.0
100	PI/2 BPSK	270	0	14.97	15.19	15.02		
100	QPSK	1	1	15.12	15.20	15.16	16.2	0.0
100	QPSK	1	137	15.05	15.09	15.10		
100	QPSK	1	271	15.06	15.13	15.14		
100	QPSK	135	0	15.06	15.07	15.11	16.2	0.0
100	QPSK	135	69	15.10	15.18	15.14		
100	QPSK	135	138	15.01	15.14	15.08		
100	QPSK	270	0	15.05	15.16	15.06	16.2	0.0
100	16QAM	1	1	15.03	15.18	15.12	16.2	0.0
100	64QAM	1	1	14.98	15.05	15.09	16.2	0.0
100	256QAM	1	1	15.06	15.18	15.14	16.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.01	15.10	15.12	16.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.00	15.09	15.15	16.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	14.99	15.14	15.03	16.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	15.00	15.05	15.13	16.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	15.06	15.17	15.14	16.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	15.04	15.18	15.13	16.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	15.00	15.17	15.03	16.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	15.05	15.08	15.08	16.2	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.08	15.12	15.01	16.2	0.0
100	PI/2 BPSK	1	137	15.05	15.08	15.05		
100	PI/2 BPSK	1	271	14.98	15.17	15.07		
100	PI/2 BPSK	135	0	15.05	15.10	15.07	16.2	0.0
100	PI/2 BPSK	135	69	15.10	15.12	15.03	16.2	0.0
100	PI/2 BPSK	135	138	14.98	15.18	15.03	16.2	0.0
100	PI/2 BPSK	270	0	14.97	15.19	15.02		
100	QPSK	1	1	15.12	15.20	15.16	16.2	0.0
100	QPSK	1	137	15.05	15.09	15.10		
100	QPSK	1	271	15.06	15.13	15.14		
100	QPSK	135	0	15.06	15.07	15.11	16.2	0.0
100	QPSK	135	69	15.10	15.18	15.14		
100	QPSK	135	138	15.01	15.14	15.08		
100	QPSK	270	0	15.05	15.16	15.06	16.2	0.0
100	16QAM	1	1	15.03	15.18	15.12	16.2	0.0
100	64QAM	1	1	14.98	15.05	15.09	16.2	0.0
100	256QAM	1	1	15.06	15.18	15.14	16.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.01	15.10	15.12	16.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.00	15.09	15.15	16.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	14.99	15.14	15.03	16.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	15.00	15.05	15.13	16.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	15.06	15.17	15.14	16.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	15.04	15.18	15.13	16.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	15.00	15.17	15.03	16.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	15.05	15.08	15.08	16.2	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.25		16.2	0.0
100	PI/2 BPSK	1	137		15.36			
100	PI/2 BPSK	1	271		15.23			
100	PI/2 BPSK	135	0		15.23		16.2	0.0
100	PI/2 BPSK	135	69		15.23		16.2	0.0
100	PI/2 BPSK	135	138		15.26		16.2	0.0
100	PI/2 BPSK	270	0		15.25			
100	QPSK	1	1		15.39		16.2	0.0
100	QPSK	1	137		15.23			
100	QPSK	1	271		15.29			
100	QPSK	135	0		15.26		16.2	0.0
100	QPSK	135	69		15.35			
100	QPSK	135	138		15.32			
100	QPSK	270	0		15.27		16.2	0.0
100	16QAM	1	1		15.33		16.2	0.0
100	64QAM	1	1		15.23		16.2	0.0
100	256QAM	1	1		15.30		16.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.13	15.16	15.17	16.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.09	15.22	15.13	16.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.23	15.20	15.19	16.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.20	15.15	15.22	16.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.10	15.13	15.15	16.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.23	15.17	15.17	16.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.14	15.22	15.13	16.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.15	15.25	15.19	16.2	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.07	15.12	15.08	16.2	0.0
100	PI/2 BPSK	1	137	15.13	15.11	15.04		
100	PI/2 BPSK	1	271	15.11	15.12	15.07		
100	PI/2 BPSK	135	0	15.13	15.07	15.04	16.2	0.0
100	PI/2 BPSK	135	69	15.03	15.12	15.06	16.2	0.0
100	PI/2 BPSK	135	138	15.11	15.11	15.15	16.2	0.0
100	PI/2 BPSK	270	0	15.12	15.08	15.06		
100	QPSK	1	1	15.15	15.22	15.18	16.2	0.0
100	QPSK	1	137	15.11	15.14	15.17		
100	QPSK	1	271	15.02	15.11	15.13		
100	QPSK	135	0	15.10	15.10	15.11	16.2	0.0
100	QPSK	135	69	15.14	15.18	15.16		
100	QPSK	135	138	15.12	15.13	15.06		
100	QPSK	270	0	15.10	15.12	15.11	16.2	0.0
100	16QAM	1	1	15.14	15.09	15.05	16.2	0.0
100	64QAM	1	1	15.02	15.07	15.07	16.2	0.0
100	256QAM	1	1	15.13	15.10	15.16	16.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	15.13	15.21	15.16	16.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	15.11	15.18	15.10	16.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.09	15.13	15.09	16.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	15.07	15.18	15.16	16.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	15.04	15.20	15.10	16.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.12	15.08	15.10	16.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	15.12	15.11	15.10	16.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	15.13	15.18	15.15	16.2	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.11		16.7	0.0
100	PI/2 BPSK	1	137		15.06			
100	PI/2 BPSK	1	271		15.07			
100	PI/2 BPSK	135	0		15.04		16.7	0.0
100	PI/2 BPSK	135	69		15.01		16.7	0.0
100	PI/2 BPSK	135	138		15.09		16.7	0.0
100	PI/2 BPSK	270	0		15.08			
100	QPSK	1	1		15.15		16.7	0.0
100	QPSK	1	137		15.08			
100	QPSK	1	271		15.11			
100	QPSK	135	0		15.01		16.7	0.0
100	QPSK	135	69		15.13			
100	QPSK	135	138		15.12			
100	QPSK	270	0		15.02		16.7	0.0
100	16QAM	1	1		15.04		16.7	0.0
100	64QAM	1	1		15.14		16.7	0.0
100	256QAM	1	1		15.09		16.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.03	14.95	15.06	16.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	15.07	15.04	15.01	16.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.99	14.96	15.06	16.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.07	15.06	14.93	16.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.97	14.95	15.05	16.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.05	15.02	14.95	16.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.05	15.01	15.04	16.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.95	14.96	15.02	16.7	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.97	15.09	14.98	16.7	0.0
100	PI/2 BPSK	1	137	14.87	15.01	14.97		
100	PI/2 BPSK	1	271	15.08	15.09	14.98		
100	PI/2 BPSK	135	0	15.05	15.08	15.03	16.7	0.0
100	PI/2 BPSK	135	69	14.96	15.06	14.93	16.7	0.0
100	PI/2 BPSK	135	138	15.08	15.09	14.99	16.7	0.0
100	PI/2 BPSK	270	0	14.98	15.06	15.00		
100	QPSK	1	1	14.97	15.10	15.04	16.7	0.0
100	QPSK	1	137	14.92	15.02	14.87		
100	QPSK	1	271	14.86	14.97	14.87		
100	QPSK	135	0	14.90	14.96	14.84	16.7	0.0
100	QPSK	135	69	14.99	15.09	15.07		
100	QPSK	135	138	14.96	15.00	14.93		
100	QPSK	270	0	14.93	14.99	14.98	16.7	0.0
100	16QAM	1	1	14.89	15.02	14.91	16.7	0.0
100	64QAM	1	1	14.97	15.05	14.95	16.7	0.0
100	256QAM	1	1	14.88	15.02	14.98	16.7	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	14.96	15.00	14.90	16.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	14.85	15.02	15.02	16.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.88	14.95	15.00	16.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	14.88	14.99	14.91	16.7	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	14.86	15.02	14.91	16.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.90	14.97	14.95	16.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	14.92	15.00	14.91	16.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	14.87	14.95	14.89	16.7	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.71		19.2	0.0
100	PI/2 BPSK	1	137		17.74			
100	PI/2 BPSK	1	271		17.61			
100	PI/2 BPSK	135	0		17.73		19.2	0.0
100	PI/2 BPSK	135	69		17.65		19.2	0.0
100	PI/2 BPSK	135	138		17.71		19.2	0.0
100	PI/2 BPSK	270	0		17.65			
100	QPSK	1	1		17.75		19.2	0.0
100	QPSK	1	137		17.72			
100	QPSK	1	271		17.65			
100	QPSK	135	0		17.63		19.2	0.0
100	QPSK	135	69		17.69			
100	QPSK	135	138		17.65			
100	QPSK	270	0		17.63		19.2	0.0
100	16QAM	1	1		17.67		19.2	0.0
100	64QAM	1	1		17.63		19.2	0.0
100	256QAM	1	1		17.23		18.7	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.61	17.63	17.63	19.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.71	17.73	17.65	19.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.63	17.64	17.60	19.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.60	17.59	17.60	19.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.69	17.65	17.67	19.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.64	17.71	17.60	19.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.67	17.63	17.60	19.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.71	17.72	17.65	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.63	17.77	17.71	19.2	0.0
100	PI/2 BPSK	1	137	17.73	17.84	17.76		
100	PI/2 BPSK	1	271	17.71	17.80	17.74		
100	PI/2 BPSK	135	0	17.76	17.77	17.73	19.2	0.0
100	PI/2 BPSK	135	69	17.85	17.91	17.79	19.2	0.0
100	PI/2 BPSK	135	138	17.70	17.80	17.67	19.2	0.0
100	PI/2 BPSK	270	0	17.68	17.78	17.77		
100	QPSK	1	1	17.88	17.92	17.87	19.2	0.0
100	QPSK	1	137	17.85	17.89	17.74		
100	QPSK	1	271	17.80	17.83	17.70		
100	QPSK	135	0	17.74	17.77	17.72	19.2	0.0
100	QPSK	135	69	17.82	17.90	17.87		
100	QPSK	135	138	17.80	17.85	17.84		
100	QPSK	270	0	17.78	17.84	17.76	19.2	0.0
100	16QAM	1	1	17.82	17.91	17.82	19.2	0.0
100	64QAM	1	1	17.83	17.85	17.77	19.2	0.0
100	256QAM	1	1	17.40	17.55	17.48	18.7	0.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	17.87	17.89	17.78	19.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	17.76	17.90	17.74	19.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.79	17.87	17.73	19.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	17.86	17.83	17.86	19.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	17.79	17.89	17.86	19.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.74	17.88	17.80	19.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	17.77	17.85	17.72	19.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	17.78	17.91	17.82	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.64		15.2	0.0
100	PI/2 BPSK	1	137		13.60			
100	PI/2 BPSK	1	271		13.63			
100	PI/2 BPSK	135	0		13.66		15.2	0.0
100	PI/2 BPSK	135	69		13.59		15.2	0.0
100	PI/2 BPSK	135	138		13.62		15.2	0.0
100	PI/2 BPSK	270	0		13.68			
100	QPSK	1	1		13.69		15.2	0.0
100	QPSK	1	137		13.59			
100	QPSK	1	271		13.68			
100	QPSK	135	0		13.59		15.2	0.0
100	QPSK	135	69		13.65			
100	QPSK	135	138		13.58			
100	QPSK	270	0		13.66		15.2	0.0
100	16QAM	1	1		13.58		15.2	0.0
100	64QAM	1	1		13.59		15.2	0.0
100	256QAM	1	1		13.57		15.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.48	13.49	13.51	15.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.39	13.51	13.48	15.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.47	13.46	13.42	15.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.51	13.57	13.43	15.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.43	13.46	13.43	15.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	13.50	13.47	13.55	15.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	13.43	13.56	13.54	15.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.48	13.57	13.46	15.2	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.50	13.59	13.44	15.2	0.0
100	PI/2 BPSK	1	137	13.52	13.54	13.41		
100	PI/2 BPSK	1	271	13.45	13.53	13.45		
100	PI/2 BPSK	135	0	13.43	13.56	13.48	15.2	0.0
100	PI/2 BPSK	135	69	13.46	13.52	13.49	15.2	0.0
100	PI/2 BPSK	135	138	13.39	13.52	13.48	15.2	0.0
100	PI/2 BPSK	270	0	13.50	13.56	13.42		
100	QPSK	1	1	13.53	13.65	13.56	15.2	0.0
100	QPSK	1	137	13.39	13.52	13.42		
100	QPSK	1	271	13.52	13.57	13.49		
100	QPSK	135	0	13.41	13.47	13.46	15.2	0.0
100	QPSK	135	69	13.58	13.63	13.54		
100	QPSK	135	138	13.45	13.55	13.49		
100	QPSK	270	0	13.58	13.60	13.56	15.2	0.0
100	16QAM	1	1	13.48	13.49	13.38	15.2	0.0
100	64QAM	1	1	13.44	13.57	13.44	15.2	0.0
100	256QAM	1	1	13.40	13.55	13.40	15.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	13.50	13.53	13.41	15.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	13.40	13.55	13.51	15.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.41	13.50	13.44	15.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	13.39	13.48	13.48	15.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	13.51	13.51	13.44	15.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.41	13.43	13.42	15.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	13.41	13.52	13.49	15.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	13.40	13.51	13.41	15.2	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.12		16.2	0.0
100	PI/2 BPSK	1	137		15.08			
100	PI/2 BPSK	1	271		15.05			
100	PI/2 BPSK	135	0		15.02		16.2	0.0
100	PI/2 BPSK	135	69		15.12		16.2	0.0
100	PI/2 BPSK	135	138		15.06		16.2	0.0
100	PI/2 BPSK	270	0		15.05			
100	QPSK	1	1		15.15		16.2	0.0
100	QPSK	1	137		15.10			
100	QPSK	1	271		15.01			
100	QPSK	135	0		15.04		16.2	0.0
100	QPSK	135	69		15.13			
100	QPSK	135	138		15.10			
100	QPSK	270	0		15.05		16.2	0.0
100	16QAM	1	1		15.01		16.2	0.0
100	64QAM	1	1		15.06		16.2	0.0
100	256QAM	1	1		15.14		16.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.04	14.93	15.02	16.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.97	15.00	15.00	16.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.98	14.89	14.99	16.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.11	14.95	15.07	16.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.99	14.97	15.04	16.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.02	15.02	15.08	16.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.01	15.01	15.10	16.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.06	15.01	15.05	16.2	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.47		16.2	0.0
100	PI/2 BPSK	1	137		15.46			
100	PI/2 BPSK	1	271		15.48			
100	PI/2 BPSK	135	0		15.47		16.2	0.0
100	PI/2 BPSK	135	69		15.52		16.2	0.0
100	PI/2 BPSK	135	138		15.43		16.2	0.0
100	PI/2 BPSK	270	0		15.47			
100	QPSK	1	1		15.55		16.2	0.0
100	QPSK	1	137		15.43			
100	QPSK	1	271		15.52			
100	QPSK	135	0		15.44		16.2	0.0
100	QPSK	135	69		15.49			
100	QPSK	135	138		15.41			
100	QPSK	270	0		15.42		16.2	0.0
100	16QAM	1	1		15.49		16.2	0.0
100	64QAM	1	1		15.47		16.2	0.0
100	256QAM	1	1		15.50		16.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	15.49	15.40	15.38	16.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	15.53	15.42	15.43	16.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.46	15.51	15.33	16.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	15.47	15.49	15.38	16.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	15.46	15.41	15.42	16.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.42	15.42	15.34	16.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	15.49	15.40	15.31	16.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.49	15.53	15.42	16.2	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.12		16.2	0.0
100	PI/2 BPSK	1	137		15.08			
100	PI/2 BPSK	1	271		15.05			
100	PI/2 BPSK	135	0		15.02		16.2	0.0
100	PI/2 BPSK	135	69		15.12		16.2	0.0
100	PI/2 BPSK	135	138		15.06		16.2	0.0
100	PI/2 BPSK	270	0		15.05			
100	QPSK	1	1		15.15		16.2	0.0
100	QPSK	1	137		15.10			
100	QPSK	1	271		15.01			
100	QPSK	135	0		15.04		16.2	0.0
100	QPSK	135	69		15.13			
100	QPSK	135	138		15.10			
100	QPSK	270	0		15.05		16.2	0.0
100	16QAM	1	1		15.01		16.2	0.0
100	64QAM	1	1		15.06		16.2	0.0
100	256QAM	1	1		15.14		16.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	15.04	14.93	15.02	16.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.97	15.00	15.00	16.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.98	14.89	14.99	16.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	15.11	14.95	15.07	16.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.99	14.97	15.04	16.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	15.02	15.02	15.08	16.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	15.01	15.01	15.10	16.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.06	15.01	15.05	16.2	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.47		16.2	0.0
100	PI/2 BPSK	1	137		15.46			
100	PI/2 BPSK	1	271		15.48			
100	PI/2 BPSK	135	0		15.47		16.2	0.0
100	PI/2 BPSK	135	69		15.52		16.2	0.0
100	PI/2 BPSK	135	138		15.43		16.2	0.0
100	PI/2 BPSK	270	0		15.47			
100	QPSK	1	1		15.55		16.2	0.0
100	QPSK	1	137		15.43			
100	QPSK	1	271		15.52			
100	QPSK	135	0		15.44		16.2	0.0
100	QPSK	135	69		15.49			
100	QPSK	135	138		15.41			
100	QPSK	270	0		15.42		16.2	0.0
100	16QAM	1	1		15.49		16.2	0.0
100	64QAM	1	1		15.47		16.2	0.0
100	256QAM	1	1		15.50		16.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	15.49	15.40	15.38	16.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	15.53	15.42	15.43	16.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.46	15.51	15.33	16.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	15.47	15.49	15.38	16.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	15.46	15.41	15.42	16.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.42	15.42	15.34	16.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	15.49	15.40	15.31	16.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.49	15.53	15.42	16.2	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.33		16.2	0.0
100	PI/2 BPSK	1	137		14.41			
100	PI/2 BPSK	1	271		14.42			
100	PI/2 BPSK	135	0		14.35		16.2	0.0
100	PI/2 BPSK	135	69		14.35		16.2	0.0
100	PI/2 BPSK	135	138		14.35		16.2	0.0
100	PI/2 BPSK	270	0		14.37			
100	QPSK	1	1		14.46		16.2	0.0
100	QPSK	1	137		14.41			
100	QPSK	1	271		14.36			
100	QPSK	135	0		14.39		16.2	0.0
100	QPSK	135	69		14.43			
100	QPSK	135	138		14.37			
100	QPSK	270	0		14.39		16.2	0.0
100	16QAM	1	1		14.37		16.2	0.0
100	64QAM	1	1		14.44		16.2	0.0
100	256QAM	1	1		14.32		16.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.45	14.31	14.29	16.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.45	14.22	14.29	16.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.37	14.31	14.34	16.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.33	14.30	14.36	16.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.37	14.26	14.37	16.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.40	14.32	14.35	16.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.34	14.26	14.29	16.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.34	14.29	14.36	16.2	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.84		16.2	0.0
100	PI/2 BPSK	1	137		14.80			
100	PI/2 BPSK	1	271		14.81			
100	PI/2 BPSK	135	0		14.71		16.2	0.0
100	PI/2 BPSK	135	69		14.71		16.2	0.0
100	PI/2 BPSK	135	138		14.82		16.2	0.0
100	PI/2 BPSK	270	0		14.75			
100	QPSK	1	1		14.86		16.2	0.0
100	QPSK	1	137		14.85			
100	QPSK	1	271		14.72			
100	QPSK	135	0		14.78		16.2	0.0
100	QPSK	135	69		14.83			
100	QPSK	135	138		14.76			
100	QPSK	270	0		14.76		16.2	0.0
100	16QAM	1	1		14.71		16.2	0.0
100	64QAM	1	1		14.82		16.2	0.0
100	256QAM	1	1		14.75		16.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	14.72	14.63	14.66	16.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	14.73	14.69	14.63	16.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.66	14.74	14.65	16.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	14.68	14.70	14.70	16.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	14.74	14.72	14.74	16.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.66	14.63	14.73	16.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	14.79	14.69	14.66	16.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	14.73	14.67	14.72	16.2	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.33		16.2	0.0
100	PI/2 BPSK	1	137		14.41			
100	PI/2 BPSK	1	271		14.42			
100	PI/2 BPSK	135	0		14.35		16.2	0.0
100	PI/2 BPSK	135	69		14.35		16.2	0.0
100	PI/2 BPSK	135	138		14.35		16.2	0.0
100	PI/2 BPSK	270	0		14.37			
100	QPSK	1	1		14.46		16.2	0.0
100	QPSK	1	137		14.41			
100	QPSK	1	271		14.36			
100	QPSK	135	0		14.39		16.2	0.0
100	QPSK	135	69		14.43			
100	QPSK	135	138		14.37			
100	QPSK	270	0		14.39		16.2	0.0
100	16QAM	1	1		14.37		16.2	0.0
100	64QAM	1	1		14.44		16.2	0.0
100	256QAM	1	1		14.32		16.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.45	14.31	14.29	16.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.45	14.22	14.29	16.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	14.37	14.31	14.34	16.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.33	14.30	14.36	16.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	14.37	14.26	14.37	16.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.40	14.32	14.35	16.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.34	14.26	14.29	16.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	14.34	14.29	14.36	16.2	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.84		16.2	0.0
100	PI/2 BPSK	1	137		14.80			
100	PI/2 BPSK	1	271		14.81			
100	PI/2 BPSK	135	0		14.71		16.2	0.0
100	PI/2 BPSK	135	69		14.71		16.2	0.0
100	PI/2 BPSK	135	138		14.82		16.2	0.0
100	PI/2 BPSK	270	0		14.75			
100	QPSK	1	1		14.86		16.2	0.0
100	QPSK	1	137		14.85			
100	QPSK	1	271		14.72			
100	QPSK	135	0		14.78		16.2	0.0
100	QPSK	135	69		14.83			
100	QPSK	135	138		14.76			
100	QPSK	270	0		14.76		16.2	0.0
100	16QAM	1	1		14.71		16.2	0.0
100	64QAM	1	1		14.82		16.2	0.0
100	256QAM	1	1		14.75		16.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	14.72	14.63	14.66	16.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	14.73	14.69	14.63	16.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.66	14.74	14.65	16.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	14.68	14.70	14.70	16.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	14.74	14.72	14.74	16.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.66	14.63	14.73	16.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	14.79	14.69	14.66	16.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	14.73	14.67	14.72	16.2	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.37		19.2	0.0
100	PI/2 BPSK	1	137		18.36			
100	PI/2 BPSK	1	271		18.26			
100	PI/2 BPSK	135	0		18.26		19.2	0.0
100	PI/2 BPSK	135	69		18.27		19.2	0.0
100	PI/2 BPSK	135	138		18.25		19.2	0.0
100	PI/2 BPSK	270	0		18.34			
100	QPSK	1	1		18.40		19.2	0.0
100	QPSK	1	137		18.39			
100	QPSK	1	271		18.30			
100	QPSK	135	0		18.26		19.2	0.0
100	QPSK	135	69		18.38			
100	QPSK	135	138		18.34			
100	QPSK	270	0		18.32		19.2	0.0
100	16QAM	1	1		18.29		19.2	0.0
100	64QAM	1	1		18.33		19.2	0.0
100	256QAM	1	1		18.33		19.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.33	18.22	18.13	19.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.24	18.29	18.17	19.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.32	18.24	18.22	19.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.34	18.19	18.23	19.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.25	18.27	18.16	19.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.29	18.17	18.13	19.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.36	18.26	18.15	19.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.33	18.30	18.24	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.71		19.2	0.0
100	PI/2 BPSK	1	137		18.78			
100	PI/2 BPSK	1	271		18.71			
100	PI/2 BPSK	135	0		18.76		19.2	0.0
100	PI/2 BPSK	135	69		18.71		19.2	0.0
100	PI/2 BPSK	135	138		18.76		19.2	0.0
100	PI/2 BPSK	270	0		18.81			
100	QPSK	1	1		18.83		19.2	0.0
100	QPSK	1	137		18.77			
100	QPSK	1	271		18.77			
100	QPSK	135	0		18.74		19.2	0.0
100	QPSK	135	69		18.81			
100	QPSK	135	138		18.77			
100	QPSK	270	0		18.71		19.2	0.0
100	16QAM	1	1		18.71		19.2	0.0
100	64QAM	1	1		18.79		19.2	0.0
100	256QAM	1	1		18.82		19.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	18.71	18.76	18.71	19.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	18.76	18.75	18.77	19.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.68	18.76	18.75	19.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	18.78	18.67	18.69	19.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	18.66	18.67	18.66	19.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.68	18.71	18.74	19.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	18.76	18.73	18.70	19.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	18.68	18.77	18.72	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.37		19.2	0.0
100	PI/2 BPSK	1	137		18.36			
100	PI/2 BPSK	1	271		18.26			
100	PI/2 BPSK	135	0		18.26		19.2	0.0
100	PI/2 BPSK	135	69		18.27		19.2	0.0
100	PI/2 BPSK	135	138		18.25		19.2	0.0
100	PI/2 BPSK	270	0		18.34			
100	QPSK	1	1		18.40		19.2	0.0
100	QPSK	1	137		18.39			
100	QPSK	1	271		18.30			
100	QPSK	135	0		18.26		19.2	0.0
100	QPSK	135	69		18.38			
100	QPSK	135	138		18.34			
100	QPSK	270	0		18.32		19.2	0.0
100	16QAM	1	1		18.29		19.2	0.0
100	64QAM	1	1		18.33		19.2	0.0
100	256QAM	1	1		18.33		19.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.33	18.22	18.13	19.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.24	18.29	18.17	19.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.32	18.24	18.22	19.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.34	18.19	18.23	19.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.25	18.27	18.16	19.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.29	18.17	18.13	19.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.36	18.26	18.15	19.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.33	18.30	18.24	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.71		19.2	0.0
100	PI/2 BPSK	1	137		18.78			
100	PI/2 BPSK	1	271		18.71			
100	PI/2 BPSK	135	0		18.76		19.2	0.0
100	PI/2 BPSK	135	69		18.71		19.2	0.0
100	PI/2 BPSK	135	138		18.76		19.2	0.0
100	PI/2 BPSK	270	0		18.81			
100	QPSK	1	1		18.83		19.2	0.0
100	QPSK	1	137		18.77			
100	QPSK	1	271		18.77			
100	QPSK	135	0		18.74		19.2	0.0
100	QPSK	135	69		18.81			
100	QPSK	135	138		18.77			
100	QPSK	270	0		18.71		19.2	0.0
100	16QAM	1	1		18.71		19.2	0.0
100	64QAM	1	1		18.79		19.2	0.0
100	256QAM	1	1		18.82		19.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	18.71	18.76	18.71	19.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	18.76	18.75	18.77	19.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.68	18.76	18.75	19.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	18.78	18.67	18.69	19.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	18.66	18.67	18.66	19.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.68	18.71	18.74	19.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	18.76	18.73	18.70	19.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	18.68	18.77	18.72	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.10		14.7	0.0
100	PI/2 BPSK	1	137		13.03			
100	PI/2 BPSK	1	271		13.04			
100	PI/2 BPSK	135	0		13.06		14.7	0.0
100	PI/2 BPSK	135	69		13.11		14.7	0.0
100	PI/2 BPSK	135	138		13.13		14.7	0.0
100	PI/2 BPSK	270	0		13.09			
100	QPSK	1	1		13.15		14.7	0.0
100	QPSK	1	137		13.06			
100	QPSK	1	271		13.07			
100	QPSK	135	0		13.07		14.7	0.0
100	QPSK	135	69		13.14			
100	QPSK	135	138		13.12			
100	QPSK	270	0		13.05		14.7	0.0
100	16QAM	1	1		13.13		14.7	0.0
100	64QAM	1	1		13.01		14.7	0.0
100	256QAM	1	1		13.02		14.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	12.97	13.02	13.09	14.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	12.86	12.98	13.03	14.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	12.88	13.08	13.01	14.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.00	13.08	13.02	14.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	12.98	12.94	13.02	14.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	12.89	13.02	13.05	14.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	12.89	13.00	13.11	14.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	12.96	13.06	13.03	14.7	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.53		14.7	0.0
100	PI/2 BPSK	1	137		13.53			
100	PI/2 BPSK	1	271		13.50			
100	PI/2 BPSK	135	0		13.51		14.7	0.0
100	PI/2 BPSK	135	69		13.45		14.7	0.0
100	PI/2 BPSK	135	138		13.53		14.7	0.0
100	PI/2 BPSK	270	0		13.54			
100	QPSK	1	1		13.55		14.7	0.0
100	QPSK	1	137		13.49			
100	QPSK	1	271		13.46			
100	QPSK	135	0		13.44		14.7	0.0
100	QPSK	135	69		13.52			
100	QPSK	135	138		13.49			
100	QPSK	270	0		13.43		14.7	0.0
100	16QAM	1	1		13.40		14.7	0.0
100	64QAM	1	1		13.51		14.7	0.0
100	256QAM	1	1		13.40		14.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	13.34	13.37	13.34	14.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	13.28	13.37	13.41	14.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.30	13.48	13.37	14.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	13.38	13.46	13.45	14.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	13.36	13.35	13.41	14.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.35	13.39	13.46	14.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	13.30	13.43	13.46	14.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	13.40	13.42	13.40	14.7	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.10		14.7	0.0
100	PI/2 BPSK	1	137		13.03			
100	PI/2 BPSK	1	271		13.04			
100	PI/2 BPSK	135	0		13.06		14.7	0.0
100	PI/2 BPSK	135	69		13.11		14.7	0.0
100	PI/2 BPSK	135	138		13.13		14.7	0.0
100	PI/2 BPSK	270	0		13.09			
100	QPSK	1	1		13.15		14.7	0.0
100	QPSK	1	137		13.06			
100	QPSK	1	271		13.07			
100	QPSK	135	0		13.07		14.7	0.0
100	QPSK	135	69		13.14			
100	QPSK	135	138		13.12			
100	QPSK	270	0		13.06		14.7	0.0
100	16QAM	1	1		13.13		14.7	0.0
100	64QAM	1	1		13.01		14.7	0.0
100	256QAM	1	1		13.02		14.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	12.97	13.02	13.09	14.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	12.86	12.98	13.03	14.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	12.88	13.08	13.01	14.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.00	13.08	13.02	14.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	12.98	12.94	13.02	14.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	12.89	13.02	13.05	14.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	12.89	13.00	13.11	14.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	12.96	13.06	13.03	14.7	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.53		14.7	0.0
100	PI/2 BPSK	1	137		13.53			
100	PI/2 BPSK	1	271		13.50			
100	PI/2 BPSK	135	0		13.51		14.7	0.0
100	PI/2 BPSK	135	69		13.45		14.7	0.0
100	PI/2 BPSK	135	138		13.53		14.7	0.0
100	PI/2 BPSK	270	0		13.54			
100	QPSK	1	1		13.55		14.7	0.0
100	QPSK	1	137		13.49			
100	QPSK	1	271		13.46			
100	QPSK	135	0		13.44		14.7	0.0
100	QPSK	135	69		13.52			
100	QPSK	135	138		13.49			
100	QPSK	270	0		13.43		14.7	0.0
100	16QAM	1	1		13.40		14.7	0.0
100	64QAM	1	1		13.51		14.7	0.0
100	256QAM	1	1		13.40		14.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	13.34	13.37	13.34	14.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	13.28	13.37	13.41	14.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.30	13.48	13.37	14.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	13.38	13.46	13.45	14.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	13.36	13.35	13.41	14.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.35	13.39	13.46	14.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	13.30	13.43	13.46	14.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	13.40	13.42	13.40	14.7	0.0

Reduced Power Mode for ECI8

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BW [MHz]	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	19.71	19.88	19.74	21.2	0.0
20	PI/2 BPSK	1	53	19.79	19.75	19.72		
20	PI/2 BPSK	1	104	19.74	19.82	19.76		
20	PI/2 BPSK	50	0	19.68	19.84	19.80	21.2	0.0
20	PI/2 BPSK	50	28	19.68	19.85	19.82	21.2	0.0
20	PI/2 BPSK	50	56	19.77	19.88	19.83	21.2	0.0
20	PI/2 BPSK	100	0	19.69	19.89	19.81		
20	QPSK	1	1	19.82	19.90	19.85	21.2	0.0
20	QPSK	1	53	19.67	19.77	19.81		
20	QPSK	1	104	19.70	19.85	19.84		
20	QPSK	50	0	19.69	19.87	19.75	21.2	0.0
20	QPSK	50	28	19.75	19.89	19.83	21.2	0.0
20	QPSK	50	56	19.69	19.81	19.70	21.2	0.0
20	QPSK	100	0	19.71	19.85	19.81		
20	16QAM	1	1	19.81	19.78	19.74	21.2	0.0
20	64QAM	1	1	19.73	19.78	19.79	21.2	0.0
20	256QAM	1	1	19.75	19.84	19.82	21.2	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.75	19.88	19.82	21.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.72	19.86	19.84	21.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.76	19.78	19.78	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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.63	18.71	18.57	19.8	0.0
20	PI/2 BPSK	1	53	18.56	18.66	18.57		
20	PI/2 BPSK	1	104	18.63	18.72	18.67		
20	PI/2 BPSK	50	0	18.57	18.61	18.54	19.8	0.0
20	PI/2 BPSK	50	28	18.61	18.62	18.64	19.8	0.0
20	PI/2 BPSK	50	56	18.58	18.62	18.59	19.8	0.0
20	PI/2 BPSK	100	0	18.55	18.60	18.63		
20	QPSK	1	1	18.66	18.73	18.68	19.8	0.0
20	QPSK	1	53	18.60	18.60	18.56		
20	QPSK	1	104	18.51	18.58	18.62		
20	QPSK	50	0	18.57	18.58	18.58	19.8	0.0
20	QPSK	50	28	18.62	18.69	18.66	19.8	0.0
20	QPSK	50	56	18.51	18.58	18.58	19.8	0.0
20	QPSK	100	0	18.52	18.68	18.62		
20	16QAM	1	1	18.59	18.68	18.65	19.8	0.0
20	64QAM	1	1	18.59	18.61	18.59	19.8	0.0
20	256QAM	1	1	18.56	18.64	18.60	19.8	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.58	18.71	18.64	19.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.60	18.64	18.57	19.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.57	18.68	18.67	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.44	23.44	23.27	24.7	0.0
20	PI/2 BPSK	1	53	23.46	23.42	23.40		
20	PI/2 BPSK	1	104	23.45	23.39	23.32		
20	PI/2 BPSK	50	0	23.41	23.52	23.41	24.7	0.0
20	PI/2 BPSK	50	28	23.39	23.49	23.41	24.7	0.0
20	PI/2 BPSK	50	56	23.44	23.46	23.27	24.7	0.0
20	PI/2 BPSK	100	0	23.46	23.49	23.35		
20	QPSK	1	1	23.48	23.53	23.42	24.7	0.0
20	QPSK	1	53	23.46	23.43	23.35		
20	QPSK	1	104	23.35	23.46	23.36		
20	QPSK	50	0	23.44	23.46	23.33	24.7	0.0
20	QPSK	50	28	23.45	23.50	23.40	24.7	0.0
20	QPSK	50	56	23.41	23.48	23.33	24.7	0.0
20	QPSK	100	0	23.37	23.42	23.39		
20	16QAM	1	1	23.45	23.46	23.35	24.7	0.0
20	64QAM	1	1	23.17	23.18	23.05	24.2	0.5
20	256QAM	1	1	22.66	22.77	22.66	23.7	1.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.46	23.51	23.40	24.7	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.43	23.51	23.32	24.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.41	23.43	23.41	24.7	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	20.39	20.51	20.39	21.8	0.0
20	PI/2 BPSK	1	53	20.43	20.51	20.40		
20	PI/2 BPSK	1	104	20.49	20.54	20.43		
20	PI/2 BPSK	50	0	20.42	20.58	20.38	21.8	0.0
20	PI/2 BPSK	50	28	20.45	20.55	20.41	21.8	0.0
20	PI/2 BPSK	50	56	20.51	20.56	20.35	21.8	0.0
20	PI/2 BPSK	100	0	20.44	20.52	20.37		
20	QPSK	1	1	20.53	20.60	20.50	21.8	0.0
20	QPSK	1	53	20.50	20.55	20.43		
20	QPSK	1	104	20.44	20.47	20.42		
20	QPSK	50	0	20.42	20.53	20.40	21.8	0.0
20	QPSK	50	28	20.50	20.56	20.46	21.8	0.0
20	QPSK	50	56	20.45	20.53	20.42	21.8	0.0
20	QPSK	100	0	20.50	20.54	20.35		
20	16QAM	1	1	20.45	20.53	20.49	21.8	0.0
20	64QAM	1	1	20.39	20.50	20.43	21.8	0.0
20	256QAM	1	1	20.41	20.45	20.45	21.8	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.49	20.58	20.40	21.8	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.39	20.53	20.39	21.8	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.46	20.49	20.40	21.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.67	18.74	18.62	19.9	0.0
40	PI/2 BPSK	1	108	18.56	18.67	18.56		
40	PI/2 BPSK	1	214	18.67	18.73	18.61		
40	PI/2 BPSK	108	0	18.55	18.67	18.66	19.9	0.0
40	PI/2 BPSK	108	54	18.56	18.68	18.68	19.9	0.0
40	PI/2 BPSK	108	108	18.57	18.70	18.68	19.9	0.0
40	PI/2 BPSK	216	0	18.64	18.65	18.67		
40	QPSK	1	1	18.68	18.75	18.70	19.9	0.0
40	QPSK	1	108	18.53	18.66	18.64		
40	QPSK	1	214	18.62	18.70	18.56		
40	QPSK	108	0	18.58	18.62	18.64	19.9	0.0
40	QPSK	108	54	18.66	18.73	18.68	19.9	0.0
40	QPSK	108	108	18.60	18.68	18.59	19.9	0.0
40	QPSK	216	0	18.64	18.70	18.66		
40	16QAM	1	1	18.65	18.73	18.69	19.9	0.0
40	64QAM	1	1	18.53	18.62	18.59	19.9	0.0
40	256QAM	1	1	18.57	18.63	18.60	19.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.54	18.66	18.66	19.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.54	18.71	18.57	19.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.61	18.72	18.61	19.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.65	18.67	18.64	19.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.66	18.69	18.55	19.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.58	18.68	18.58	19.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	16.71	16.66	16.62	17.9	0.0
40	PI/2 BPSK	1	108	16.66	16.79	16.76		
40	PI/2 BPSK	1	214	16.68	16.75	16.73		
40	PI/2 BPSK	108	0	16.70	16.71	16.62	17.9	0.0
40	PI/2 BPSK	108	54	16.74	16.69	16.62	17.9	0.0
40	PI/2 BPSK	108	108	16.63	16.67	16.75	17.9	0.0
40	PI/2 BPSK	216	0	16.65	16.76	16.70		
40	QPSK	1	1	16.75	16.80	16.77	17.9	0.0
40	QPSK	1	108	16.64	16.65	16.70		
40	QPSK	1	214	16.72	16.76	16.67		
40	QPSK	108	0	16.70	16.74	16.62	17.9	0.0
40	QPSK	108	54	16.73	16.76	16.75	17.9	0.0
40	QPSK	108	108	16.71	16.72	16.69	17.9	0.0
40	QPSK	216	0	16.61	16.72	16.65		
40	16QAM	1	1	16.70	16.76	16.66	17.9	0.0
40	64QAM	1	1	16.71	16.74	16.69	17.9	0.0
40	256QAM	1	1	16.65	16.69	16.65	17.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.69	16.78	16.69	17.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.67	16.67	16.65	17.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.66	16.70	16.63	17.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.64	16.65	16.64	17.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.72	16.71	16.68	17.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.70	16.66	16.65	17.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	16.79	16.98	16.92	17.8	0.0
40	PI/2 BPSK	1	108	16.77	16.84	16.90		
40	PI/2 BPSK	1	214	16.89	16.84	16.93		
40	PI/2 BPSK	108	0	16.82	16.86	16.88	17.8	0.0
40	PI/2 BPSK	108	54	16.86	16.97	16.92	17.8	0.0
40	PI/2 BPSK	108	108	16.76	16.90	16.85	17.8	0.0
40	PI/2 BPSK	216	0	16.76	16.87	16.81		
40	QPSK	1	1	16.90	16.99	16.95	17.8	0.0
40	QPSK	1	108	16.88	16.89	16.86		
40	QPSK	1	214	16.88	16.93	16.80		
40	QPSK	108	0	16.80	16.85	16.91	17.8	0.0
40	QPSK	108	54	16.88	16.95	16.93	17.8	0.0
40	QPSK	108	108	16.85	16.92	16.83	17.8	0.0
40	QPSK	216	0	16.87	16.94	16.91		
40	16QAM	1	1	16.81	16.94	16.85	17.8	0.0
40	64QAM	1	1	16.80	16.97	16.93	17.8	0.0
40	256QAM	1	1	16.86	16.84	16.87	17.8	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.86	16.86	16.92	17.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.76	16.87	16.94	17.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.77	16.87	16.87	17.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.79	16.94	16.85	17.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.84	16.87	16.93	17.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.81	16.91	16.91	17.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.40	18.57	18.44	19.9	0.0
40	PI/2 BPSK	1	108	18.42	18.45	18.42		
40	PI/2 BPSK	1	214	18.46	18.47	18.51		
40	PI/2 BPSK	108	0	18.37	18.49	18.52	19.9	0.0
40	PI/2 BPSK	108	54	18.37	18.58	18.41	19.9	0.0
40	PI/2 BPSK	108	108	18.41	18.57	18.47	19.9	0.0
40	PI/2 BPSK	216	0	18.42	18.59	18.43		
40	QPSK	1	1	18.52	18.60	18.55	19.9	0.0
40	QPSK	1	108	18.50	18.55	18.48		
40	QPSK	1	214	18.38	18.51	18.51		
40	QPSK	108	0	18.44	18.46	18.42	19.9	0.0
40	QPSK	108	54	18.50	18.58	18.52	19.9	0.0
40	QPSK	108	108	18.38	18.56	18.47	19.9	0.0
40	QPSK	216	0	18.45	18.55	18.54		
40	16QAM	1	1	18.38	18.49	18.42	19.9	0.0
40	64QAM	1	1	18.53	18.57	18.47	19.9	0.0
40	256QAM	1	1	18.03	18.10	18.01	19.4	0.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.50	18.49	18.47	19.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.50	18.51	18.48	19.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.51	18.52	18.45	19.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.43	18.57	18.47	19.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.47	18.54	18.54	19.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.51	18.49	18.53	19.9	0.0

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BW [MHz]	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	18.61	18.74	18.61	20.2	0.0
15	PI/2 BPSK	1	40	18.62	18.66	18.65		
15	PI/2 BPSK	1	77	18.58	18.65	18.55		
15	PI/2 BPSK	36	0	18.57	18.71	18.66	20.2	0.0
15	PI/2 BPSK	36	22	18.66	18.67	18.68	20.2	0.0
15	PI/2 BPSK	36	43	18.65	18.75	18.65	20.2	0.0
15	PI/2 BPSK	75	0	18.71	18.66	18.55		
15	QPSK	1	1	18.72	18.80	18.70	20.2	0.0
15	QPSK	1	40	18.69	18.68	18.67		
15	QPSK	1	77	18.68	18.70	18.58		
15	QPSK	36	0	18.66	18.74	18.57	20.2	0.0
15	QPSK	36	22	18.69	18.77	18.66	20.2	0.0
15	QPSK	36	43	18.61	18.71	18.62	20.2	0.0
15	QPSK	75	0	18.63	18.67	18.60		
15	16QAM	1	1	18.57	18.72	18.63	20.2	0.0
15	64QAM	1	1	18.68	18.78	18.66	20.2	0.0
	256QAM	1	1	18.71	18.76	18.64	20.2	0.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	18.65	18.66	18.69	20.2	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	18.65	18.73	18.65	20.2	0.0

n12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	18.03	18.15	18.11	19.8	0.0
15	PI/2 BPSK	1	40	18.08	18.12	18.14		
15	PI/2 BPSK	1	77	18.05	18.15	18.02		
15	PI/2 BPSK	36	0	18.09	18.19	18.12	19.8	0.0
15	PI/2 BPSK	36	22	18.03	18.17	18.03	19.8	0.0
15	PI/2 BPSK	36	43	18.02	18.12	18.05	19.8	0.0
15	PI/2 BPSK	75	0	18.04	18.17	18.03		
15	QPSK	1	1	18.12	18.20	18.15	19.8	0.0
15	QPSK	1	40	18.01	18.07	18.10		
15	QPSK	1	77	18.02	18.16	18.12		
15	QPSK	36	0	18.08	18.09	18.03	19.8	0.0
15	QPSK	36	22	18.11	18.19	18.12	19.8	0.0
15	QPSK	36	43	18.07	18.18	18.08	19.8	0.0
15	QPSK	75	0	18.08	18.16	18.11		
15	16QAM	1	1	18.02	18.18	18.12	19.8	0.0
15	64QAM	1	1	18.10	18.07	18.01	19.8	0.0
	256QAM	1	1	18.00	18.10	18.02	19.8	0.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	18.07	18.16	18.10	19.8	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	18.10	18.12	18.02	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.38	23.34	23.33	24.7	0.0
20	PI/2 BPSK	1	53	23.36	23.39	23.39		
20	PI/2 BPSK	1	104	23.39	23.44	23.34		
20	PI/2 BPSK	50	0	23.34	23.36	23.28	24.7	0.0
20	PI/2 BPSK	50	28	23.32	23.36	23.30	24.7	0.0
20	PI/2 BPSK	50	56	23.28	23.42	23.28	24.7	0.0
20	PI/2 BPSK	100	0	23.32	23.33	23.34		
20	QPSK	1	1	23.40	23.47	23.42	24.7	0.0
20	QPSK	1	53	23.35	23.45	23.29		
20	QPSK	1	104	23.34	23.32	23.33		
20	QPSK	50	0	23.31	23.37	23.39	24.7	0.0
20	QPSK	50	28	23.38	23.45	23.40	24.7	0.0
20	QPSK	50	56	23.32	23.35	23.38	24.7	0.0
20	QPSK	100	0	23.32	23.35	23.32		
20	16QAM	1	1	23.29	23.41	23.33	24.7	0.0
20	64QAM	1	1	23.14	23.24	23.10	24.2	0.5
20	256QAM	1	1	22.67	22.82	22.73	23.7	1.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.28	23.32	23.37	24.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.36	23.35	23.35	24.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.27	23.35	23.34	24.7	0.0

n26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	20.56	20.66	20.63	21.8	0.0
20	PI/2 BPSK	1	53	20.60	20.56	20.65		
20	PI/2 BPSK	1	104	20.48	20.59	20.57		
20	PI/2 BPSK	50	0	20.53	20.61	20.67	21.8	0.0
20	PI/2 BPSK	50	28	20.48	20.69	20.61	21.8	0.0
20	PI/2 BPSK	50	56	20.58	20.58	20.59	21.8	0.0
20	PI/2 BPSK	100	0	20.58	20.64	20.60		
20	QPSK	1	1	20.62	20.70	20.68	21.8	0.0
20	QPSK	1	53	20.53	20.56	20.62		
20	QPSK	1	104	20.57	20.67	20.66		
20	QPSK	50	0	20.60	20.62	20.62	21.8	0.0
20	QPSK	50	28	20.61	20.68	20.65	21.8	0.0
20	QPSK	50	56	20.57	20.60	20.62	21.8	0.0
20	QPSK	100	0	20.60	20.64	20.57		
20	16QAM	1	1	20.55	20.58	20.59	21.8	0.0
20	64QAM	1	1	20.53	20.60	20.55	21.8	0.0
20	256QAM	1	1	20.58	20.56	20.67	21.8	0.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	20.50	20.58	20.57	21.8	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	20.49	20.66	20.59	21.8	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	20.51	20.58	20.55	21.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.71	20.75	20.68	21.9	0.0
40	PI/2 BPSK	1	108	20.71	20.65	20.63		
40	PI/2 BPSK	1	214	20.66	20.77	20.64		
40	PI/2 BPSK	108	0	20.58	20.67	20.66	21.9	0.0
40	PI/2 BPSK	108	54	20.66	20.73	20.68	21.9	0.0
40	PI/2 BPSK	108	108	20.68	20.73	20.63	21.9	0.0
40	PI/2 BPSK	216	0	20.61	20.65	20.75		
40	QPSK	1	1	20.72	20.80	20.76	21.9	0.0
40	QPSK	1	108	20.57	20.69	20.68		
40	QPSK	1	214	20.60	20.72	20.72		
40	QPSK	108	0	20.68	20.69	20.63	21.9	0.0
40	QPSK	108	54	20.78	20.79	20.74	21.9	0.0
40	QPSK	108	108	20.65	20.71	20.67	21.9	0.0
40	QPSK	216	0	20.66	20.78	20.67		
40	16QAM	1	1	20.66	20.67	20.72	21.9	0.0
40	64QAM	1	1	20.58	20.70	20.61	21.9	0.0
40	256QAM	1	1	20.62	20.66	20.74	21.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.64	20.65	20.72	21.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.59	20.74	20.70	21.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.68	20.77	20.71	21.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.60	20.73	20.67	21.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.67	20.66	20.66	21.9	0.0

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BW [MHz]	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	18.38	18.47	18.52	19.1	0.0
40	PI/2 BPSK	1	108	18.47	18.56	18.46		
40	PI/2 BPSK	1	214	18.44	18.53	18.51		
40	PI/2 BPSK	108	0	18.38	18.49	18.40	19.1	0.0
40	PI/2 BPSK	108	54	18.40	18.49	18.48	19.1	0.0
40	PI/2 BPSK	108	108	18.43	18.54	18.50	19.1	0.0
40	PI/2 BPSK	216	0	18.46	18.59	18.43		
40	QPSK	1	1	18.52	18.60	18.55	19.1	0.0
40	QPSK	1	108	18.40	18.47	18.43		
40	QPSK	1	214	18.48	18.55	18.43		
40	QPSK	108	0	18.46	18.52	18.40	19.1	0.0
40	QPSK	108	54	18.50	18.58	18.49	19.1	0.0
40	QPSK	108	108	18.48	18.55	18.44	19.1	0.0
40	QPSK	216	0	18.45	18.55	18.41		
40	16QAM	1	1	18.38	18.46	18.42	19.1	0.0
40	64QAM	1	1	18.39	18.45	18.51	19.1	0.0
40	256QAM	1	1	18.44	18.58	18.54	19.1	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.51	18.54	18.44	19.1	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.45	18.52	18.40	19.1	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.38	18.46	18.43	19.1	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.50	18.45	18.47	19.1	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.46	18.59	18.48	19.1	0.0

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BW [MHz]	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	19.63	19.64	19.61	20.8	0.0
40	PI/2 BPSK	1	108	19.58	19.63	19.66		
40	PI/2 BPSK	1	214	19.55	19.61	19.58		
40	PI/2 BPSK	108	0	19.52	19.59	19.55	20.8	0.0
40	PI/2 BPSK	108	54	19.64	19.67	19.58	20.8	0.0
40	PI/2 BPSK	108	108	19.51	19.62	19.66	20.8	0.0
40	PI/2 BPSK	216	0	19.51	19.71	19.62		
40	QPSK	1	1	19.65	19.72	19.68	20.8	0.0
40	QPSK	1	108	19.63	19.62	19.54		
40	QPSK	1	214	19.54	19.66	19.59		
40	QPSK	108	0	19.50	19.57	19.54	20.8	0.0
40	QPSK	108	54	19.60	19.69	19.66	20.8	0.0
40	QPSK	108	108	19.54	19.60	19.62	20.8	0.0
40	QPSK	216	0	19.57	19.66	19.54		
40	16QAM	1	1	19.59	19.71	19.55	20.8	0.0
40	64QAM	1	1	19.50	19.70	19.67	20.8	0.0
40	256QAM	1	1	19.50	19.58	19.57	20.8	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.57	19.64	19.62	20.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.63	19.59	19.63	20.8	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	19.57	19.62	20.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.57	19.66	19.57	20.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.62	19.58	19.61	20.8	0.0

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BW [MHz]	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	17.28	17.36	17.44	19.0	0.0
40	Pi/2 BPSK	1	108	17.37	17.48	17.37		
40	Pi/2 BPSK	1	214	17.30	17.42	17.38		
40	Pi/2 BPSK	108	0	17.33	17.38	17.35	19.0	0.0
40	Pi/2 BPSK	108	54	17.27	17.44	17.30	19.0	0.0
40	Pi/2 BPSK	108	108	17.40	17.46	17.31	19.0	0.0
40	Pi/2 BPSK	216	0	17.38	17.39	17.35		
40	QPSK	1	1	17.42	17.50	17.45	19.0	0.0
40	QPSK	1	108	17.33	17.47	17.35		
40	QPSK	1	214	17.30	17.43	17.30		
40	QPSK	108	0	17.38	17.42	17.31	19.0	0.0
40	QPSK	108	54	17.41	17.46	17.43	19.0	0.0
40	QPSK	108	108	17.33	17.40	17.39	19.0	0.0
40	QPSK	216	0	17.33	17.45	17.40		
40	16QAM	1	1	17.38	17.38	17.39	19.0	0.0
40	64QAM	1	1	17.40	17.35	17.40	19.0	0.0
40	256QAM	1	1	17.36	17.39	17.40	19.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.35	17.35	17.39	19.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.40	17.43	17.43	19.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.33	17.46	17.33	19.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.28	17.47	17.33	19.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.34	17.36	17.31	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.54	18.56	18.59	19.9	0.0
40	PI/2 BPSK	1	53	18.52	18.53	18.59		
40	PI/2 BPSK	1	104	18.56	18.64	18.47		
40	PI/2 BPSK	50	0	18.44	18.52	18.53	19.9	0.0
40	PI/2 BPSK	50	28	18.43	18.63	18.51	19.9	0.0
40	PI/2 BPSK	50	56	18.45	18.54	18.59	19.9	0.0
40	PI/2 BPSK	100	0	18.56	18.54	18.56		
40	QPSK	1	1	18.58	18.66	18.62	19.9	0.0
40	QPSK	1	53	18.54	18.59	18.49		
40	QPSK	1	104	18.57	18.62	18.47		
40	QPSK	50	0	18.44	18.56	18.59	19.9	0.0
40	QPSK	50	28	18.56	18.65	18.61		
40	QPSK	50	56	18.50	18.63	18.50		
40	QPSK	100	0	18.52	18.60	18.48	19.9	0.0
40	16QAM	1	1	18.44	18.53	18.48	19.9	0.0
40	64QAM	1	1	18.47	18.59	18.49	19.9	0.0
40	256QAM	1	1	18.48	18.62	18.48	19.9	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.57	18.57	18.59	19.9	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.52	18.52	18.56	19.9	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.57	18.51	18.54	19.9	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.46	18.60	18.48	19.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.16	17.23	17.20	18.3	0.0
40	PI/2 BPSK	1	53	17.21	17.29	17.23		
40	PI/2 BPSK	1	104	17.13	17.20	17.13		
40	PI/2 BPSK	50	0	17.09	17.18	17.19	18.3	0.0
40	PI/2 BPSK	50	28	17.18	17.22	17.16	18.3	0.0
40	PI/2 BPSK	50	56	17.20	17.27	17.20	18.3	0.0
40	PI/2 BPSK	100	0	17.20	17.27	17.12		
40	QPSK	1	1	17.23	17.30	17.27	18.3	0.0
40	QPSK	1	53	17.11	17.25	17.16		
40	QPSK	1	104	17.16	17.27	17.18		
40	QPSK	50	0	17.14	17.19	17.25	18.3	0.0
40	QPSK	50	28	17.20	17.27	17.26		
40	QPSK	50	56	17.18	17.21	17.12		
40	QPSK	100	0	17.18	17.25	17.19	18.3	0.0
40	16QAM	1	1	17.12	17.23	17.16	18.3	0.0
40	64QAM	1	1	17.14	17.18	17.16	18.3	0.0
40	256QAM	1	1	17.22	17.28	17.17	18.3	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.13	17.20	17.16	18.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.19	17.20	17.18	18.3	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.14	17.29	17.20	18.3	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.12	17.18	17.17	18.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.80	16.89	16.84	17.8	0.0
40	PI/2 BPSK	1	53	16.75	16.88	16.83		
40	PI/2 BPSK	1	104	16.73	16.87	16.89		
40	PI/2 BPSK	50	0	16.75	16.83	16.88	17.8	0.0
40	PI/2 BPSK	50	28	16.80	16.85	16.83	17.8	0.0
40	PI/2 BPSK	50	56	16.80	16.86	16.81	17.8	0.0
40	PI/2 BPSK	100	0	16.78	16.91	16.87		
40	QPSK	1	1	16.88	16.95	16.90	17.8	0.0
40	QPSK	1	53	16.82	16.93	16.79		
40	QPSK	1	104	16.84	16.88	16.86		
40	QPSK	50	0	16.80	16.80	16.76	17.8	0.0
40	QPSK	50	28	16.86	16.90	16.88		
40	QPSK	50	56	16.82	16.82	16.76		
40	QPSK	100	0	16.83	16.88	16.82	17.8	0.0
40	16QAM	1	1	16.81	16.81	16.88	17.8	0.0
40	64QAM	1	1	16.76	16.84	16.88	17.8	0.0
40	256QAM	1	1	16.74	16.94	16.81	17.8	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.86	16.91	16.86	17.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.87	16.92	16.87	17.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.81	16.86	16.87	17.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.77	16.80	16.85	17.8	0.0

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BW [MHz]	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	16.12	16.16	16.14	17.6	0.0
40	PI/2 BPSK	1	53	16.12	16.29	16.19		
40	PI/2 BPSK	1	104	16.11	16.25	16.09		
40	PI/2 BPSK	50	0	16.20	16.20	16.16	17.6	0.0
40	PI/2 BPSK	50	28	16.09	16.28	16.05	17.6	0.0
40	PI/2 BPSK	50	56	16.07	16.21	16.15	17.6	0.0
40	PI/2 BPSK	100	0	16.16	16.29	16.15		
40	QPSK	1	1	16.22	16.30	16.20	17.6	0.0
40	QPSK	1	53	16.10	16.15	16.18		
40	QPSK	1	104	16.10	16.21	16.10		
40	QPSK	50	0	16.16	16.25	16.15	17.6	0.0
40	QPSK	50	28	16.20	16.28	16.18		
40	QPSK	50	56	16.15	16.27	16.10		
40	QPSK	100	0	16.09	16.26	16.11	17.6	0.0
40	16QAM	1	1	16.20	16.24	16.16	17.6	0.0
40	64QAM	1	1	16.17	16.17	16.07	17.6	0.0
40	256QAM	1	1	16.18	16.25	16.15	17.6	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.08	16.17	16.11	17.6	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.13	16.17	16.05	17.6	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.20	16.18	16.10	17.6	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.18	16.23	16.07	17.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.94	19.09	19.09	20.2	0.0
100	PI/2 BPSK	1	137	18.97	19.02	19.00		
100	PI/2 BPSK	1	271	18.99	19.04	19.08		
100	PI/2 BPSK	135	0	19.02	19.01	18.98	20.2	0.0
100	PI/2 BPSK	135	69	18.94	19.08	18.96	20.2	0.0
100	PI/2 BPSK	135	138	19.01	18.99	19.08	20.2	0.0
100	PI/2 BPSK	270	0	19.05	19.01	19.01		
100	QPSK	1	1	19.08	19.13	19.10	20.2	0.0
100	QPSK	1	137	18.94	19.07	19.02		
100	QPSK	1	271	19.06	19.12	19.00		
100	QPSK	135	0	19.03	19.01	18.96	20.2	0.0
100	QPSK	135	69	19.06	19.11	19.08		
100	QPSK	135	138	18.97	19.01	19.03		
100	QPSK	270	0	18.99	19.08	19.02	20.2	0.0
100	16QAM	1	1	18.98	19.06	18.98	20.2	0.0
100	64QAM	1	1	19.05	19.06	18.99	20.2	0.0
100	256QAM	1	1	19.05	19.00	18.98	20.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.07	19.07	19.01	20.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.00	19.03	19.06	20.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	19.03	18.98	18.95	20.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	18.93	19.11	18.97	20.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	19.00	19.05	18.95	20.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	19.01	19.08	18.95	20.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	19.06	19.06	19.09	20.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	18.95	19.00	19.00	20.2	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.94	19.09	19.09	20.2	0.0
100	PI/2 BPSK	1	137	18.97	19.02	19.00		
100	PI/2 BPSK	1	271	18.99	19.04	19.08		
100	PI/2 BPSK	135	0	19.02	19.01	18.98	20.2	0.0
100	PI/2 BPSK	135	69	18.94	19.08	18.96	20.2	0.0
100	PI/2 BPSK	135	138	19.01	18.99	19.08	20.2	0.0
100	PI/2 BPSK	270	0	19.05	19.01	19.01		
100	QPSK	1	1	19.08	19.13	19.10	20.2	0.0
100	QPSK	1	137	18.94	19.07	19.02		
100	QPSK	1	271	19.06	19.12	19.00		
100	QPSK	135	0	19.03	19.01	18.96	20.2	0.0
100	QPSK	135	69	19.06	19.11	19.08		
100	QPSK	135	138	18.97	19.01	19.03		
100	QPSK	270	0	18.99	19.08	19.02	20.2	0.0
100	16QAM	1	1	18.98	19.06	18.98	20.2	0.0
100	64QAM	1	1	19.05	19.06	18.99	20.2	0.0
100	256QAM	1	1	19.05	19.00	18.98	20.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.07	19.07	19.01	20.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.00	19.03	19.06	20.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	19.03	18.98	18.95	20.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	18.93	19.11	18.97	20.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	19.00	19.05	18.95	20.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	19.01	19.08	18.95	20.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	19.06	19.06	19.09	20.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	18.95	19.00	19.00	20.2	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.55	15.61	15.53	16.7	0.0
100	PI/2 BPSK	1	137	15.49	15.66	15.48		
100	PI/2 BPSK	1	271	15.51	15.63	15.55		
100	PI/2 BPSK	135	0	15.52	15.56	15.58	16.7	0.0
100	PI/2 BPSK	135	69	15.54	15.64	15.55	16.7	0.0
100	PI/2 BPSK	135	138	15.60	15.62	15.45	16.7	0.0
100	PI/2 BPSK	270	0	15.55	15.55	15.57		
100	QPSK	1	1	15.62	15.68	15.60	16.7	0.0
100	QPSK	1	137	15.47	15.57	15.53		
100	QPSK	1	271	15.60	15.66	15.59		
100	QPSK	135	0	15.51	15.60	15.51	16.7	0.0
100	QPSK	135	69	15.60	15.65	15.57		
100	QPSK	135	138	15.54	15.61	15.49		
100	QPSK	270	0	15.59	15.61	15.50	16.7	0.0
100	16QAM	1	1	15.50	15.65	15.52	16.7	0.0
100	64QAM	1	1	15.48	15.63	15.55	16.7	0.0
100	256QAM	1	1	15.47	15.63	15.46	16.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.56	15.55	15.46	16.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.56	15.64	15.51	16.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	15.52	15.63	15.57	16.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	15.47	15.53	15.51	16.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	15.58	15.61	15.54	16.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	15.59	15.56	15.55	16.7	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	15.59	15.63	15.58	16.7	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	15.55	15.62	15.55	16.7	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.55	15.61	15.53	16.7	0.0
100	PI/2 BPSK	1	137	15.49	15.66	15.48		
100	PI/2 BPSK	1	271	15.51	15.63	15.55		
100	PI/2 BPSK	135	0	15.52	15.56	15.58	16.7	0.0
100	PI/2 BPSK	135	69	15.54	15.64	15.55	16.7	0.0
100	PI/2 BPSK	135	138	15.60	15.62	15.45	16.7	0.0
100	PI/2 BPSK	270	0	15.55	15.55	15.57		
100	QPSK	1	1	15.62	15.68	15.60	16.7	0.0
100	QPSK	1	137	15.47	15.57	15.53		
100	QPSK	1	271	15.60	15.66	15.59		
100	QPSK	135	0	15.51	15.60	15.51	16.7	0.0
100	QPSK	135	69	15.60	15.65	15.57		
100	QPSK	135	138	15.54	15.61	15.49		
100	QPSK	270	0	15.59	15.61	15.50	16.7	0.0
100	16QAM	1	1	15.50	15.65	15.52	16.7	0.0
100	64QAM	1	1	15.48	15.63	15.55	16.7	0.0
100	256QAM	1	1	15.47	15.63	15.46	16.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.56	15.55	15.46	16.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.56	15.64	15.51	16.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	15.52	15.63	15.57	16.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	15.47	15.53	15.51	16.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	15.58	15.61	15.54	16.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	15.59	15.56	15.55	16.7	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	15.59	15.63	15.58	16.7	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	15.55	15.62	15.55	16.7	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.12	15.22	15.17	16.1	0.0
100	PI/2 BPSK	1	137	15.18	15.26	15.15		
100	PI/2 BPSK	1	271	15.08	15.33	15.28		
100	PI/2 BPSK	135	0	15.07	15.30	15.18	16.1	0.0
100	PI/2 BPSK	135	69	15.13	15.20	15.19	16.1	0.0
100	PI/2 BPSK	135	138	15.12	15.22	15.16	16.1	0.0
100	PI/2 BPSK	270	0	15.14	15.20	15.24		
100	QPSK	1	1	15.22	15.35	15.30	16.1	0.0
100	QPSK	1	137	15.16	15.20	15.16		
100	QPSK	1	271	15.18	15.28	15.25		
100	QPSK	135	0	15.09	15.24	15.17	16.1	0.0
100	QPSK	135	69	15.17	15.29	15.28		
100	QPSK	135	138	15.09	15.25	15.26		
100	QPSK	270	0	15.16	15.26	15.22	16.1	0.0
100	16QAM	1	1	15.10	15.30	15.21	16.1	0.0
100	64QAM	1	1	15.08	15.22	15.15	16.1	0.0
100	256QAM	1	1	15.16	15.20	15.29	16.1	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.12	15.26	15.16	16.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.13	15.21	15.25	16.1	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	15.17	15.33	15.26	16.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	15.14	15.21	15.23	16.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	15.16	15.28	15.17	16.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	15.08	15.25	15.19	16.1	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	15.12	15.23	15.17	16.1	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	15.11	15.32	15.17	16.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.12	15.22	15.17	16.1	0.0
100	PI/2 BPSK	1	137	15.18	15.26	15.15		
100	PI/2 BPSK	1	271	15.08	15.33	15.28		
100	PI/2 BPSK	135	0	15.07	15.30	15.18	16.1	0.0
100	PI/2 BPSK	135	69	15.13	15.20	15.19	16.1	0.0
100	PI/2 BPSK	135	138	15.12	15.22	15.16	16.1	0.0
100	PI/2 BPSK	270	0	15.14	15.20	15.24		
100	QPSK	1	1	15.22	15.35	15.30	16.1	0.0
100	QPSK	1	137	15.16	15.20	15.16		
100	QPSK	1	271	15.18	15.28	15.25		
100	QPSK	135	0	15.09	15.24	15.17	16.1	0.0
100	QPSK	135	69	15.17	15.29	15.28		
100	QPSK	135	138	15.09	15.25	15.26		
100	QPSK	270	0	15.16	15.26	15.22	16.1	0.0
100	16QAM	1	1	15.10	15.30	15.21	16.1	0.0
100	64QAM	1	1	15.08	15.22	15.15	16.1	0.0
100	256QAM	1	1	15.16	15.20	15.29	16.1	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.12	15.26	15.16	16.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.13	15.21	15.25	16.1	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	15.17	15.33	15.26	16.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	15.14	15.21	15.23	16.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	15.16	15.28	15.17	16.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	15.08	15.25	15.19	16.1	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	15.12	15.23	15.17	16.1	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	15.11	15.32	15.17	16.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.98	16.05	16.15	17.2	0.0
100	PI/2 BPSK	1	137	16.00	16.07	16.01		
100	PI/2 BPSK	1	271	15.99	16.14	16.06		
100	PI/2 BPSK	135	0	16.04	16.08	16.11	17.2	0.0
100	PI/2 BPSK	135	69	16.00	16.19	16.03	17.2	0.0
100	PI/2 BPSK	135	138	16.06	16.14	16.09	17.2	0.0
100	PI/2 BPSK	270	0	16.00	16.11	16.13		
100	QPSK	1	1	16.12	16.20	16.16	17.2	0.0
100	QPSK	1	137	16.00	16.18	16.14		
100	QPSK	1	271	16.02	16.10	16.09		
100	QPSK	135	0	16.06	16.14	16.02	17.2	0.0
100	QPSK	135	69	16.10	16.18	16.08		
100	QPSK	135	138	15.99	16.15	16.07		
100	QPSK	270	0	16.08	16.17	16.02	17.2	0.0
100	16QAM	1	1	15.98	16.15	16.04	17.2	0.0
100	64QAM	1	1	16.06	16.07	16.01	17.2	0.0
100	256QAM	1	1	16.10	16.05	16.11	17.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.06	16.08	16.03	17.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.06	16.10	16.14	17.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	16.07	16.16	16.04	17.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	16.07	16.19	16.05	17.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	16.05	16.13	16.07	17.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	16.07	16.14	16.15	17.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	16.09	16.12	16.04	17.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	16.08	16.07	16.13	17.2	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.98	16.05	16.15	17.2	0.0
100	PI/2 BPSK	1	137	16.00	16.07	16.01		
100	PI/2 BPSK	1	271	15.99	16.14	16.06		
100	PI/2 BPSK	135	0	16.04	16.08	16.11	17.2	0.0
100	PI/2 BPSK	135	69	16.00	16.19	16.03	17.2	0.0
100	PI/2 BPSK	135	138	16.06	16.14	16.09	17.2	0.0
100	PI/2 BPSK	270	0	16.00	16.11	16.13		
100	QPSK	1	1	16.12	16.20	16.16	17.2	0.0
100	QPSK	1	137	16.00	16.18	16.14		
100	QPSK	1	271	16.02	16.10	16.09		
100	QPSK	135	0	16.06	16.14	16.02	17.2	0.0
100	QPSK	135	69	16.10	16.18	16.08		
100	QPSK	135	138	15.99	16.15	16.07		
100	QPSK	270	0	16.08	16.17	16.02	17.2	0.0
100	16QAM	1	1	15.98	16.15	16.04	17.2	0.0
100	64QAM	1	1	16.06	16.07	16.01	17.2	0.0
100	256QAM	1	1	16.10	16.05	16.11	17.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.06	16.08	16.03	17.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.06	16.10	16.14	17.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	16.07	16.16	16.04	17.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	16.07	16.19	16.05	17.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	16.05	16.13	16.07	17.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	16.07	16.14	16.15	17.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	16.09	16.12	16.04	17.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	16.08	16.07	16.13	17.2	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.41		17.2	0.0
100	PI/2 BPSK	1	137		16.32			
100	PI/2 BPSK	1	271		16.39			
100	PI/2 BPSK	135	0		16.44		17.2	0.0
100	PI/2 BPSK	135	69		16.40		17.2	0.0
100	PI/2 BPSK	135	138		16.31		17.2	0.0
100	PI/2 BPSK	270	0		16.42			
100	QPSK	1	1		16.45		17.2	0.0
100	QPSK	1	137		16.42			
100	QPSK	1	271		16.35			
100	QPSK	135	0		16.32		17.2	0.0
100	QPSK	135	69		16.42			
100	QPSK	135	138		16.40			
100	QPSK	270	0		16.37		17.2	0.0
100	16QAM	1	1		16.40		17.2	0.0
100	64QAM	1	1		16.41		17.2	0.0
100	256QAM	1	1		16.35		17.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.31	16.28	16.31	17.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.20	16.24	16.30	17.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.30	16.33	16.27	17.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.33	16.24	16.30	17.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.21	16.34	16.26	17.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.19	16.34	16.32	17.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.24	16.21	16.23	17.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.23	16.24	16.32	17.2	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.01	16.18	16.06	17.2	0.0
100	PI/2 BPSK	1	137	16.14	16.19	16.15		
100	PI/2 BPSK	1	271	16.14	16.14	16.16		
100	PI/2 BPSK	135	0	16.07	16.16	16.03	17.2	0.0
100	PI/2 BPSK	135	69	16.12	16.12	16.04	17.2	0.0
100	PI/2 BPSK	135	138	16.11	16.17	16.09	17.2	0.0
100	PI/2 BPSK	270	0	16.07	16.17	16.14		
100	QPSK	1	1	16.15	16.22	16.18	17.2	0.0
100	QPSK	1	137	16.04	16.20	16.14		
100	QPSK	1	271	16.13	16.11	16.06		
100	QPSK	135	0	16.04	16.17	16.12	17.2	0.0
100	QPSK	135	69	16.08	16.20	16.15		
100	QPSK	135	138	16.05	16.18	16.07		
100	QPSK	270	0	16.03	16.18	16.11	17.2	0.0
100	16QAM	1	1	16.01	16.18	16.05	17.2	0.0
100	64QAM	1	1	16.09	16.09	16.17	17.2	0.0
100	256QAM	1	1	16.07	16.13	16.07	17.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	16.08	16.18	16.17	17.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	16.07	16.18	16.14	17.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.00	16.09	16.04	17.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	16.03	16.13	16.17	17.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	16.01	16.11	16.04	17.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.10	16.16	16.17	17.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	16.05	16.07	16.09	17.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	16.02	16.13	16.09	17.2	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.38		18.2	0.0
100	PI/2 BPSK	1	137		16.46			
100	PI/2 BPSK	1	271		16.39			
100	PI/2 BPSK	135	0		16.50		18.2	0.0
100	PI/2 BPSK	135	69		16.53		18.2	0.0
100	PI/2 BPSK	135	138		16.46		18.2	0.0
100	PI/2 BPSK	270	0		16.45			
100	QPSK	1	1		16.54		18.2	0.0
100	QPSK	1	137		16.48			
100	QPSK	1	271		16.45			
100	QPSK	135	0		16.50		18.2	0.0
100	QPSK	135	69		16.53			
100	QPSK	135	138		16.51			
100	QPSK	270	0		16.49		18.2	0.0
100	16QAM	1	1		16.50		18.2	0.0
100	64QAM	1	1		16.47		18.2	0.0
100	256QAM	1	1		16.50		18.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.39	16.28	16.43	18.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.43	16.32	16.37	18.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.37	16.37	16.38	18.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.35	16.38	16.35	18.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.40	16.28	16.42	18.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.39	16.40	16.44	18.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.38	16.30	16.35	18.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.32	16.32	16.45	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.51	16.51	16.45	18.2	0.0
100	PI/2 BPSK	1	137	16.51	16.58	16.54		
100	PI/2 BPSK	1	271	16.49	16.49	16.49		
100	PI/2 BPSK	135	0	16.42	16.57	16.40	18.2	0.0
100	PI/2 BPSK	135	69	16.48	16.61	16.48	18.2	0.0
100	PI/2 BPSK	135	138	16.42	16.56	16.54	18.2	0.0
100	PI/2 BPSK	270	0	16.45	16.50	16.52		
100	QPSK	1	1	16.57	16.63	16.55	18.2	0.0
100	QPSK	1	137	16.46	16.56	16.40		
100	QPSK	1	271	16.45	16.53	16.52		
100	QPSK	135	0	16.51	16.59	16.46	18.2	0.0
100	QPSK	135	69	16.56	16.62	16.53		
100	QPSK	135	138	16.55	16.59	16.51		
100	QPSK	270	0	16.56	16.60	16.45	18.2	0.0
100	16QAM	1	1	16.56	16.54	16.54	18.2	0.0
100	64QAM	1	1	16.55	16.48	16.45	18.2	0.0
100	256QAM	1	1	16.56	16.54	16.49	18.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	16.54	16.48	16.52	18.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	16.48	16.61	16.49	18.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.42	16.61	16.40	18.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	16.49	16.51	16.49	18.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	16.53	16.55	16.43	18.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.53	16.56	16.45	18.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	16.56	16.52	16.50	18.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	16.44	16.58	16.45	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.81		18.2	0.0
100	PI/2 BPSK	1	137		16.78			
100	PI/2 BPSK	1	271		16.71			
100	PI/2 BPSK	135	0		16.78		18.2	0.0
100	PI/2 BPSK	135	69		16.74		18.2	0.0
100	PI/2 BPSK	135	138		16.73		18.2	0.0
100	PI/2 BPSK	270	0		16.77			
100	QPSK	1	1		16.82		18.2	0.0
100	QPSK	1	137		16.68			
100	QPSK	1	271		16.77			
100	QPSK	135	0		16.69		18.2	0.0
100	QPSK	135	69		16.80			
100	QPSK	135	138		16.73			
100	QPSK	270	0		16.75		18.2	0.0
100	16QAM	1	1		16.74		18.2	0.0
100	64QAM	1	1		16.78		18.2	0.0
100	256QAM	1	1		16.67		18.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.67	16.63	16.76	18.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.65	16.70	16.78	18.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.65	16.75	16.70	18.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.68	16.63	16.70	18.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.60	16.65	16.71	18.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.59	16.64	16.79	18.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.68	16.73	16.77	18.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.64	16.74	16.66	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.84	16.81	16.78	18.2	0.0
100	PI/2 BPSK	1	137	16.83	16.77	16.79		
100	PI/2 BPSK	1	271	16.74	16.90	16.76		
100	PI/2 BPSK	135	0	16.74	16.91	16.78	18.2	0.0
100	PI/2 BPSK	135	69	16.75	16.79	16.87	18.2	0.0
100	PI/2 BPSK	135	138	16.73	16.77	16.82	18.2	0.0
100	PI/2 BPSK	270	0	16.72	16.87	16.85		
100	QPSK	1	1	16.85	16.92	16.88	18.2	0.0
100	QPSK	1	137	16.81	16.84	16.73		
100	QPSK	1	271	16.79	16.82	16.81		
100	QPSK	135	0	16.82	16.85	16.80	18.2	0.0
100	QPSK	135	69	16.84	16.90	16.81		
100	QPSK	135	138	16.80	16.78	16.77		
100	QPSK	270	0	16.81	16.85	16.80	18.2	0.0
100	16QAM	1	1	16.82	16.82	16.78	18.2	0.0
100	64QAM	1	1	16.84	16.86	16.86	18.2	0.0
100	256QAM	1	1	16.70	16.88	16.75	18.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	16.77	16.83	16.78	18.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	16.78	16.83	16.82	18.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.74	16.91	16.75	18.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	16.79	16.85	16.82	18.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	16.84	16.78	16.77	18.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.83	16.89	16.81	18.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	16.84	16.89	16.85	18.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	16.74	16.85	16.79	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.11		17.7	0.0
100	PI/2 BPSK	1	137		16.08			
100	PI/2 BPSK	1	271		16.15			
100	PI/2 BPSK	135	0		16.12		17.7	0.0
100	PI/2 BPSK	135	69		16.09		17.7	0.0
100	PI/2 BPSK	135	138		16.13		17.7	0.0
100	PI/2 BPSK	270	0		16.08			
100	QPSK	1	1		16.18		17.7	0.0
100	QPSK	1	137		16.12			
100	QPSK	1	271		16.07			
100	QPSK	135	0		16.10		17.7	0.0
100	QPSK	135	69		16.15			
100	QPSK	135	138		16.08			
100	QPSK	270	0		16.10		17.7	0.0
100	16QAM	1	1		16.06		17.7	0.0
100	64QAM	1	1		16.08		17.7	0.0
100	256QAM	1	1		16.08		17.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.08	16.05	16.05	17.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.03	16.10	16.13	17.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.06	16.09	16.16	17.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.07	16.04	16.10	17.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.09	16.08	16.07	17.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.09	16.06	16.12	17.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.16	16.00	16.03	17.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.05	16.06	16.07	17.7	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.14	16.06	16.12	17.7	0.0
100	PI/2 BPSK	1	137	16.01	16.06	16.02		
100	PI/2 BPSK	1	271	16.06	16.09	16.05		
100	PI/2 BPSK	135	0	16.12	16.00	16.11	17.7	0.0
100	PI/2 BPSK	135	69	16.12	16.12	16.10	17.7	0.0
100	PI/2 BPSK	135	138	16.06	16.04	16.13	17.7	0.0
100	PI/2 BPSK	270	0	16.06	16.01	16.04		
100	QPSK	1	1	16.16	16.20	16.14	17.7	0.0
100	QPSK	1	137	16.02	16.04	16.02		
100	QPSK	1	271	16.07	16.07	16.09		
100	QPSK	135	0	16.09	16.00	16.11	17.7	0.0
100	QPSK	135	69	16.12	16.17	16.13		
100	QPSK	135	138	16.11	16.01	16.07		
100	QPSK	270	0	16.01	16.13	16.09	17.7	0.0
100	16QAM	1	1	16.03	16.11	16.06	17.7	0.0
100	64QAM	1	1	16.01	16.07	16.04	17.7	0.0
100	256QAM	1	1	16.01	16.01	16.08	17.7	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	16.12	16.05	16.11	17.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	16.15	16.05	15.99	17.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.06	15.98	16.01	17.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	16.10	15.98	16.01	17.7	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	16.07	16.06	16.06	17.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.01	16.02	16.10	17.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	16.07	16.02	16.06	17.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	16.02	16.10	16.13	17.7	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.06		18.2	0.0
100	PI/2 BPSK	1	137		17.11			
100	PI/2 BPSK	1	271		17.07			
100	PI/2 BPSK	135	0		17.03		18.2	0.0
100	PI/2 BPSK	135	69		17.06		18.2	0.0
100	PI/2 BPSK	135	138		17.12		18.2	0.0
100	PI/2 BPSK	270	0		17.07			
100	QPSK	1	1		17.13		18.2	0.0
100	QPSK	1	137		17.05			
100	QPSK	1	271		17.01			
100	QPSK	135	0		17.00		18.2	0.0
100	QPSK	135	69		17.06			
100	QPSK	135	138		17.02			
100	QPSK	270	0		17.02		18.2	0.0
100	16QAM	1	1		17.12		18.2	0.0
100	64QAM	1	1		17.04		18.2	0.0
100	256QAM	1	1		17.07		18.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.00	16.91	16.97	18.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.96	16.95	17.00	18.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.94	17.01	17.08	18.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.98	16.95	17.04	18.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.97	17.02	17.00	18.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.06	16.93	17.05	18.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.93	17.00	16.97	18.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.92	16.88	17.09	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.40		18.2	0.0
100	PI/2 BPSK	1	137		17.51			
100	PI/2 BPSK	1	271		17.51			
100	PI/2 BPSK	135	0		17.48		18.2	0.0
100	PI/2 BPSK	135	69		17.53		18.2	0.0
100	PI/2 BPSK	135	138		17.46		18.2	0.0
100	PI/2 BPSK	270	0		17.47			
100	QPSK	1	1		17.55		18.2	0.0
100	QPSK	1	137		17.41			
100	QPSK	1	271		17.45			
100	QPSK	135	0		17.47		18.2	0.0
100	QPSK	135	69		17.53			
100	QPSK	135	138		17.51			
100	QPSK	270	0		17.49		18.2	0.0
100	16QAM	1	1		17.50		18.2	0.0
100	64QAM	1	1		17.47		18.2	0.0
100	256QAM	1	1		17.49		18.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	17.48	17.49	17.46	18.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	17.45	17.48	17.44	18.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.41	17.44	17.43	18.2	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	17.41	17.51	18.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	17.45	17.47	17.51	18.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.40	17.50	17.45	18.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	17.51	17.54	17.47	18.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.51	17.49	17.53	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.06		18.2	0.0
100	PI/2 BPSK	1	137		17.11			
100	PI/2 BPSK	1	271		17.07			
100	PI/2 BPSK	135	0		17.03		18.2	0.0
100	PI/2 BPSK	135	69		17.06		18.2	0.0
100	PI/2 BPSK	135	138		17.12		18.2	0.0
100	PI/2 BPSK	270	0		17.07			
100	QPSK	1	1		17.13		18.2	0.0
100	QPSK	1	137		17.05			
100	QPSK	1	271		17.01			
100	QPSK	135	0		17.00		18.2	0.0
100	QPSK	135	69		17.06			
100	QPSK	135	138		17.02			
100	QPSK	270	0		17.02		18.2	0.0
100	16QAM	1	1		17.12		18.2	0.0
100	64QAM	1	1		17.04		18.2	0.0
100	256QAM	1	1		17.07		18.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.00	16.91	16.97	18.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.96	16.95	17.00	18.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.94	17.01	17.08	18.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.98	16.95	17.04	18.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.97	17.02	17.00	18.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.06	16.93	17.05	18.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.93	17.00	16.97	18.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.92	16.88	17.09	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.40		18.2	0.0
100	PI/2 BPSK	1	137		17.51			
100	PI/2 BPSK	1	271		17.51			
100	PI/2 BPSK	135	0		17.48		18.2	0.0
100	PI/2 BPSK	135	69		17.53		18.2	0.0
100	PI/2 BPSK	135	138		17.46		18.2	0.0
100	PI/2 BPSK	270	0		17.47			
100	QPSK	1	1		17.55		18.2	0.0
100	QPSK	1	137		17.41			
100	QPSK	1	271		17.45			
100	QPSK	135	0		17.47		18.2	0.0
100	QPSK	135	69		17.53			
100	QPSK	135	138		17.51			
100	QPSK	270	0		17.49		18.2	0.0
100	16QAM	1	1		17.50		18.2	0.0
100	64QAM	1	1		17.47		18.2	0.0
100	256QAM	1	1		17.49		18.2	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	17.48	17.49	17.46	18.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	17.45	17.48	17.44	18.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.41	17.44	17.43	18.2	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	17.41	17.51	18.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	17.45	17.47	17.51	18.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.40	17.50	17.45	18.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	17.51	17.54	17.47	18.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.51	17.49	17.53	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.87		18.7	0.0
100	PI/2 BPSK	1	137		16.92			
100	PI/2 BPSK	1	271		16.95			
100	PI/2 BPSK	135	0		16.95		18.7	0.0
100	PI/2 BPSK	135	69		16.94		18.7	0.0
100	PI/2 BPSK	135	138		16.96		18.7	0.0
100	PI/2 BPSK	270	0		16.88			
100	QPSK	1	1		17.00		18.7	0.0
100	QPSK	1	137		16.87			
100	QPSK	1	271		16.88			
100	QPSK	135	0		16.89		18.7	0.0
100	QPSK	135	69		16.98			
100	QPSK	135	138		16.96			
100	QPSK	270	0		16.95		18.7	0.0
100	16QAM	1	1		16.97		18.7	0.0
100	64QAM	1	1		16.95		18.7	0.0
100	256QAM	1	1		16.93		18.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.89	16.97	16.93	18.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.93	16.98	16.89	18.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.93	16.89	16.96	18.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.87	16.99	16.99	18.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.87	16.94	16.95	18.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.90	16.97	16.87	18.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.88	16.99	16.94	18.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.86	16.85	16.96	18.7	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.21		18.7	0.0
100	PI/2 BPSK	1	137		17.19			
100	PI/2 BPSK	1	271		17.24			
100	PI/2 BPSK	135	0		17.27		18.7	0.0
100	PI/2 BPSK	135	69		17.23		18.7	0.0
100	PI/2 BPSK	135	138		17.31		18.7	0.0
100	PI/2 BPSK	270	0		17.20			
100	QPSK	1	1		17.33		18.7	0.0
100	QPSK	1	137		17.22			
100	QPSK	1	271		17.29			
100	QPSK	135	0		17.29		18.7	0.0
100	QPSK	135	69		17.31			
100	QPSK	135	138		17.25			
100	QPSK	270	0		17.27		18.7	0.0
100	16QAM	1	1		17.20		18.7	0.0
100	64QAM	1	1		17.27		18.7	0.0
100	256QAM	1	1		17.30		18.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	17.28	17.23	17.21	18.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	17.22	17.31	17.20	18.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.30	17.25	17.18	18.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	17.19	17.25	17.28	18.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	17.21	17.21	17.29	18.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.30	17.19	17.26	18.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	17.30	17.28	17.28	18.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.19	17.32	17.18	18.7	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.87		18.7	0.0
100	PI/2 BPSK	1	137		16.92			
100	PI/2 BPSK	1	271		16.95			
100	PI/2 BPSK	135	0		16.95		18.7	0.0
100	PI/2 BPSK	135	69		16.94		18.7	0.0
100	PI/2 BPSK	135	138		16.96		18.7	0.0
100	PI/2 BPSK	270	0		16.88			
100	QPSK	1	1		17.00		18.7	0.0
100	QPSK	1	137		16.87			
100	QPSK	1	271		16.88			
100	QPSK	135	0		16.89		18.7	0.0
100	QPSK	135	69		16.98			
100	QPSK	135	138		16.96			
100	QPSK	270	0		16.95		18.7	0.0
100	16QAM	1	1		16.97		18.7	0.0
100	64QAM	1	1		16.95		18.7	0.0
100	256QAM	1	1		16.93		18.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.89	16.97	16.93	18.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.93	16.98	16.89	18.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.93	16.89	16.96	18.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.87	16.99	16.99	18.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.87	16.94	16.95	18.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.90	16.97	16.87	18.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.88	16.99	16.94	18.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.86	16.85	16.96	18.7	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.21		18.7	0.0
100	PI/2 BPSK	1	137		17.19			
100	PI/2 BPSK	1	271		17.24			
100	PI/2 BPSK	135	0		17.27		18.7	0.0
100	PI/2 BPSK	135	69		17.23		18.7	0.0
100	PI/2 BPSK	135	138		17.31		18.7	0.0
100	PI/2 BPSK	270	0		17.20			
100	QPSK	1	1		17.33		18.7	0.0
100	QPSK	1	137		17.22			
100	QPSK	1	271		17.29			
100	QPSK	135	0		17.29		18.7	0.0
100	QPSK	135	69		17.31			
100	QPSK	135	138		17.25			
100	QPSK	270	0		17.27		18.7	0.0
100	16QAM	1	1		17.20		18.7	0.0
100	64QAM	1	1		17.27		18.7	0.0
100	256QAM	1	1		17.30		18.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	17.28	17.23	17.21	18.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	17.22	17.31	17.20	18.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.30	17.25	17.18	18.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	17.19	17.25	17.28	18.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	17.21	17.21	17.29	18.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.30	17.19	17.26	18.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	17.30	17.28	17.28	18.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.19	17.32	17.18	18.7	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.85		19.7	0.0
100	PI/2 BPSK	1	137		18.96			
100	PI/2 BPSK	1	271		18.98			
100	PI/2 BPSK	135	0		18.92		19.7	0.0
100	PI/2 BPSK	135	69		18.98		19.7	0.0
100	PI/2 BPSK	135	138		18.97		19.7	0.0
100	PI/2 BPSK	270	0		18.89			
100	QPSK	1	1		19.00		19.7	0.0
100	QPSK	1	137		18.89			
100	QPSK	1	271		18.98			
100	QPSK	135	0		18.91		19.7	0.0
100	QPSK	135	69		18.98			
100	QPSK	135	138		18.94			
100	QPSK	270	0		18.92		19.7	0.0
100	16QAM	1	1		18.97		19.7	0.0
100	64QAM	1	1		18.85		19.7	0.0
100	256QAM	1	1		18.95		19.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.97	18.95	18.92	19.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.96	18.88	18.94	19.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.96	18.88	18.85	19.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.86	18.92	18.85	19.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.89	18.98	18.90	19.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.97	18.95	18.94	19.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.91	18.95	18.97	19.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.98	18.93	18.90	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.16		19.7	0.0
100	PI/2 BPSK	1	137		19.17			
100	PI/2 BPSK	1	271		19.23			
100	PI/2 BPSK	135	0		19.21		19.7	0.0
100	PI/2 BPSK	135	69		19.10		19.7	0.0
100	PI/2 BPSK	135	138		19.21		19.7	0.0
100	PI/2 BPSK	270	0		19.22			
100	QPSK	1	1		19.25		19.7	0.0
100	QPSK	1	137		19.12			
100	QPSK	1	271		19.20			
100	QPSK	135	0		19.20		19.7	0.0
100	QPSK	135	69		19.23			
100	QPSK	135	138		19.21			
100	QPSK	270	0		19.17		19.7	0.0
100	16QAM	1	1		19.15		19.7	0.0
100	64QAM	1	1		19.24		19.7	0.0
100	256QAM	1	1		19.15		19.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.09	19.15	19.07	19.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	19.06	19.07	19.15	19.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.04	19.09	19.09	19.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.04	19.05	19.15	19.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	19.04	19.05	19.08	19.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.10	19.11	19.14	19.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	19.06	19.07	19.05	19.7	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	19.10	19.17	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.85		19.7	0.0
100	PI/2 BPSK	1	137		18.96			
100	PI/2 BPSK	1	271		18.98			
100	PI/2 BPSK	135	0		18.92		19.7	0.0
100	PI/2 BPSK	135	69		18.98		19.7	0.0
100	PI/2 BPSK	135	138		18.97		19.7	0.0
100	PI/2 BPSK	270	0		18.89			
100	QPSK	1	1		19.00		19.7	0.0
100	QPSK	1	137		18.89			
100	QPSK	1	271		18.98			
100	QPSK	135	0		18.91		19.7	0.0
100	QPSK	135	69		18.98			
100	QPSK	135	138		18.94			
100	QPSK	270	0		18.92		19.7	0.0
100	16QAM	1	1		18.97		19.7	0.0
100	64QAM	1	1		18.85		19.7	0.0
100	256QAM	1	1		18.95		19.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	18.97	18.95	18.92	19.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	18.96	18.88	18.94	19.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	18.96	18.88	18.85	19.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	18.86	18.92	18.85	19.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	18.89	18.98	18.90	19.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	18.97	18.95	18.94	19.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	18.91	18.95	18.97	19.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	18.98	18.93	18.90	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.16		19.7	0.0
100	PI/2 BPSK	1	137		19.17			
100	PI/2 BPSK	1	271		19.23			
100	PI/2 BPSK	135	0		19.21		19.7	0.0
100	PI/2 BPSK	135	69		19.10		19.7	0.0
100	PI/2 BPSK	135	138		19.21		19.7	0.0
100	PI/2 BPSK	270	0		19.22			
100	QPSK	1	1		19.25		19.7	0.0
100	QPSK	1	137		19.12			
100	QPSK	1	271		19.20			
100	QPSK	135	0		19.20		19.7	0.0
100	QPSK	135	69		19.23			
100	QPSK	135	138		19.21			
100	QPSK	270	0		19.17		19.7	0.0
100	16QAM	1	1		19.15		19.7	0.0
100	64QAM	1	1		19.24		19.7	0.0
100	256QAM	1	1		19.15		19.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	19.09	19.15	19.07	19.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	19.06	19.07	19.15	19.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.04	19.09	19.09	19.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	19.04	19.05	19.15	19.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	19.04	19.05	19.08	19.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.10	19.11	19.14	19.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	19.06	19.07	19.05	19.7	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	19.10	19.17	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.05		16.7	0.0
100	PI/2 BPSK	1	137		15.08			
100	PI/2 BPSK	1	271		15.05			
100	PI/2 BPSK	135	0		15.15		16.7	0.0
100	PI/2 BPSK	135	69		15.15		16.7	0.0
100	PI/2 BPSK	135	138		15.14		16.7	0.0
100	PI/2 BPSK	270	0		15.15			
100	QPSK	1	1		15.18		16.7	0.0
100	QPSK	1	137		15.09			
100	QPSK	1	271		15.05			
100	QPSK	135	0		15.12		16.7	0.0
100	QPSK	135	69		15.15			
100	QPSK	135	138		15.05			
100	QPSK	270	0		15.11		16.7	0.0
100	16QAM	1	1		15.03		16.7	0.0
100	64QAM	1	1		15.17		16.7	0.0
100	256QAM	1	1		15.08		16.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.97	15.15	15.04	16.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.92	15.11	15.02	16.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.02	15.07	15.07	16.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.94	15.14	15.07	16.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.01	15.11	15.15	16.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.95	15.08	15.05	16.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.93	15.12	15.05	16.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.00	15.08	15.14	16.7	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.55		16.7	0.0
100	PI/2 BPSK	1	137		15.52			
100	PI/2 BPSK	1	271		15.48			
100	PI/2 BPSK	135	0		15.58		16.7	0.0
100	PI/2 BPSK	135	69		15.52		16.7	0.0
100	PI/2 BPSK	135	138		15.59		16.7	0.0
100	PI/2 BPSK	270	0		15.53			
100	QPSK	1	1		15.60		16.7	0.0
100	QPSK	1	137		15.53			
100	QPSK	1	271		15.51			
100	QPSK	135	0		15.53		16.7	0.0
100	QPSK	135	69		15.58			
100	QPSK	135	138		15.48			
100	QPSK	270	0		15.53		16.7	0.0
100	16QAM	1	1		15.48		16.7	0.0
100	64QAM	1	1		15.52		16.7	0.0
100	256QAM	1	1		15.53		16.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	15.46	15.50	15.52	16.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	15.52	15.49	15.54	16.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.53	15.56	15.55	16.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	15.56	15.52	15.56	16.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	15.50	15.47	15.54	16.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.59	15.45	15.57	16.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	15.59	15.56	15.52	16.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.54	15.56	15.53	16.7	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.05		16.7	0.0
100	PI/2 BPSK	1	137		15.08			
100	PI/2 BPSK	1	271		15.05			
100	PI/2 BPSK	135	0		15.15		16.7	0.0
100	PI/2 BPSK	135	69		15.15		16.7	0.0
100	PI/2 BPSK	135	138		15.14		16.7	0.0
100	PI/2 BPSK	270	0		15.15			
100	QPSK	1	1		15.18		16.7	0.0
100	QPSK	1	137		15.09			
100	QPSK	1	271		15.05			
100	QPSK	135	0		15.12		16.7	0.0
100	QPSK	135	69		15.15			
100	QPSK	135	138		15.05			
100	QPSK	270	0		15.11		16.7	0.0
100	16QAM	1	1		15.03		16.7	0.0
100	64QAM	1	1		15.17		16.7	0.0
100	256QAM	1	1		15.08		16.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	14.97	15.15	15.04	16.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	14.92	15.11	15.02	16.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	15.02	15.07	15.07	16.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	14.94	15.14	15.07	16.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	15.01	15.11	15.15	16.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	14.95	15.08	15.05	16.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	14.93	15.12	15.05	16.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	15.00	15.08	15.14	16.7	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.55		16.7	0.0
100	PI/2 BPSK	1	137		15.52			
100	PI/2 BPSK	1	271		15.48			
100	PI/2 BPSK	135	0		15.58		16.7	0.0
100	PI/2 BPSK	135	69		15.52		16.7	0.0
100	PI/2 BPSK	135	138		15.59		16.7	0.0
100	PI/2 BPSK	270	0		15.53			
100	QPSK	1	1		15.60		16.7	0.0
100	QPSK	1	137		15.53			
100	QPSK	1	271		15.51			
100	QPSK	135	0		15.53		16.7	0.0
100	QPSK	135	69		15.58			
100	QPSK	135	138		15.48			
100	QPSK	270	0		15.53		16.7	0.0
100	16QAM	1	1		15.48		16.7	0.0
100	64QAM	1	1		15.52		16.7	0.0
100	256QAM	1	1		15.53		16.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	15.46	15.50	15.52	16.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	15.52	15.49	15.54	16.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.53	15.56	15.55	16.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	15.56	15.52	15.56	16.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	15.50	15.47	15.54	16.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.59	15.45	15.57	16.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	15.59	15.56	15.52	16.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	15.54	15.56	15.53	16.7	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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.91	22.92	22.91	24.2	0.0
20	PI/2 BPSK	1	53	22.86	22.93	22.84		
20	PI/2 BPSK	1	104	22.78	22.89	22.83		
20	PI/2 BPSK	50	0	22.31	22.42	22.32	23.7	0.5
20	PI/2 BPSK	50	28	22.86	22.92	22.87	24.2	0.0
20	PI/2 BPSK	50	56	22.36	22.38	22.35	23.7	0.5
20	PI/2 BPSK	100	0	22.38	22.43	22.32		
20	QPSK	1	1	22.87	22.96	22.93	24.2	0.0
20	QPSK	1	53	22.77	22.87	22.83		
20	QPSK	1	104	22.73	22.86	22.72		
20	QPSK	50	0	22.28	22.40	22.28	23.7	0.5
20	QPSK	50	28	22.83	22.89	22.85	24.2	0.0
20	QPSK	50	56	22.33	22.36	22.30	23.7	0.5
20	QPSK	100	0	22.34	22.37	22.27		
20	16QAM	1	1	22.17	22.18	22.09	23.2	1.0
20	64QAM	1	1	21.72	21.78	21.67	22.7	1.5
20	256QAM	1	1	21.24	21.32	21.30	22.2	2.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.83	22.89	22.90	24.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.81	22.84	22.85	24.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.74	22.87	22.83	24.2	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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.69	15.67	15.56	16.8	0.0
20	PI/2 BPSK	1	53	15.59	15.61	15.63		
20	PI/2 BPSK	1	104	15.55	15.59	15.57		
20	PI/2 BPSK	50	0	15.58	15.58	15.54	16.8	0.0
20	PI/2 BPSK	50	28	15.57	15.63	15.61	16.8	0.0
20	PI/2 BPSK	50	56	15.58	15.69	15.57	16.8	0.0
20	PI/2 BPSK	100	0	15.69	15.57	15.57		
20	QPSK	1	1	15.70	15.72	15.65	16.8	0.0
20	QPSK	1	53	15.65	15.61	15.51		
20	QPSK	1	104	15.67	15.60	15.50		
20	QPSK	50	0	15.65	15.64	15.52	16.8	0.0
20	QPSK	50	28	15.69	15.70	15.62	16.8	0.0
20	QPSK	50	56	15.63	15.69	15.50	16.8	0.0
20	QPSK	100	0	15.66	15.68	15.58		
20	16QAM	1	1	15.58	15.69	15.57	16.8	0.0
20	64QAM	1	1	15.65	15.60	15.62	16.8	0.0
20	256QAM	1	1	15.68	15.71	15.52	16.8	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.65	15.66	15.57	16.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.63	15.65	15.56	16.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.61	15.60	15.56	16.8	0.0

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BW [MHz]	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	24.32	24.40	24.25	25.7	0.0
20	PI/2 BPSK	1	53	24.31	24.41	24.33		
20	PI/2 BPSK	1	104	24.29	24.39	24.36		
20	PI/2 BPSK	50	0	23.95	24.02	23.99	25.2	0.5
20	PI/2 BPSK	50	28	24.40	24.45	24.48	25.7	0.0
20	PI/2 BPSK	50	56	23.87	23.95	23.82	25.2	0.5
20	PI/2 BPSK	100	0	23.90	24.03	23.90		
20	QPSK	1	1	24.44	24.50	24.46	25.7	0.0
20	QPSK	1	53	24.32	24.38	24.33		
20	QPSK	1	104	24.31	24.33	24.32		
20	QPSK	50	0	23.88	23.98	23.86	25.2	0.5
20	QPSK	50	28	24.47	24.48	24.35	25.7	0.0
20	QPSK	50	56	23.87	23.95	23.86	25.2	0.5
20	QPSK	100	0	23.81	23.92	23.84		
20	16QAM	1	1	23.52	23.62	23.50	24.7	1.0
20	64QAM	1	1	23.17	23.18	23.05	24.2	1.5
20	256QAM	1	1	22.66	22.77	22.66	23.7	2.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.31	24.36	24.43	25.7	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.41	24.42	24.32	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	24.31	24.48	24.45	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	18.96	19.05	18.85	20.3	0.0
20	PI/2 BPSK	1	53	18.96	19.06	18.93		
20	PI/2 BPSK	1	104	18.94	19.01	18.90		
20	PI/2 BPSK	50	0	18.87	18.99	18.93	20.3	0.0
20	PI/2 BPSK	50	28	19.01	19.08	18.90	20.3	0.0
20	PI/2 BPSK	50	56	18.97	18.98	18.97	20.3	0.0
20	PI/2 BPSK	100	0	18.93	19.09	18.90		
20	QPSK	1	1	19.02	19.10	19.00	20.3	0.0
20	QPSK	1	53	18.87	19.03	18.89		
20	QPSK	1	104	18.96	19.07	18.88		
20	QPSK	50	0	19.00	19.00	18.88	20.3	0.0
20	QPSK	50	28	19.01	19.06	18.98	20.3	0.0
20	QPSK	50	56	18.90	19.02	18.87	20.3	0.0
20	QPSK	100	0	19.00	19.03	18.93		
20	16QAM	1	1	19.01	19.08	18.94	20.3	0.0
20	64QAM	1	1	18.90	19.08	18.91	20.3	0.0
20	256QAM	1	1	18.90	18.99	18.90	20.3	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	18.90	19.07	18.85	20.3	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	18.93	19.04	18.98	20.3	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	18.87	18.97	18.93	20.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	24.04	24.15	24.00	25.4	0.0
40	PI/2 BPSK	1	108	24.04	24.13	24.09		
40	PI/2 BPSK	1	214	24.10	24.20	24.14		
40	PI/2 BPSK	108	0	23.60	23.70	23.67	24.9	0.5
40	PI/2 BPSK	108	54	24.03	24.08	23.96	25.4	0.0
40	PI/2 BPSK	108	108	23.59	23.71	23.69	24.9	0.5
40	PI/2 BPSK	216	0	23.54	23.61	23.58		
40	QPSK	1	1	24.19	24.22	24.16	25.4	0.0
40	QPSK	1	108	24.05	24.14	23.99		
40	QPSK	1	214	24.18	24.20	24.15		
40	QPSK	108	0	23.49	23.56	23.53	24.9	0.5
40	QPSK	108	54	23.95	24.10	23.97	25.4	0.0
40	QPSK	108	108	23.58	23.59	23.48	24.9	0.5
40	QPSK	216	0	23.49	23.53	23.46		
40	16QAM	1	1	23.24	23.28	23.20	24.4	1.0
40	64QAM	1	1	22.89	22.90	22.83	23.9	1.5
40	256QAM	1	1	22.26	22.39	22.29	23.4	2.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.17	24.18	24.05	25.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.17	24.07	24.11	25.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.06	24.09	24.03	25.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.05	24.08	24.07	25.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.17	24.20	24.14	25.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.17	24.19	24.14	25.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	14.65	14.74	14.69	15.9	0.0
40	PI/2 BPSK	1	108	14.61	14.78	14.64		
40	PI/2 BPSK	1	214	14.74	14.77	14.65		
40	PI/2 BPSK	108	0	14.71	14.69	14.62	15.9	0.0
40	PI/2 BPSK	108	54	14.74	14.68	14.68	15.9	0.0
40	PI/2 BPSK	108	108	14.64	14.77	14.75	15.9	0.0
40	PI/2 BPSK	216	0	14.67	14.71	14.68		
40	QPSK	1	1	14.75	14.83	14.77	15.9	0.0
40	QPSK	1	108	14.60	14.81	14.65		
40	QPSK	1	214	14.61	14.69	14.69		
40	QPSK	108	0	14.68	14.81	14.69	15.9	0.0
40	QPSK	108	54	14.73	14.82	14.70	15.9	0.0
40	QPSK	108	108	14.65	14.74	14.63	15.9	0.0
40	QPSK	216	0	14.70	14.73	14.67		
40	16QAM	1	1	14.70	14.79	14.66	15.9	0.0
40	64QAM	1	1	14.63	14.73	14.63	15.9	0.0
40	256QAM	1	1	14.67	14.75	14.76	15.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.68	14.70	14.69	15.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.67	14.77	14.62	15.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	14.69	14.73	14.71	15.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.74	14.76	14.72	15.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.71	14.81	14.62	15.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.67	14.72	14.72	15.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.32	15.46	15.43	16.3	0.0
40	PI/2 BPSK	1	108	15.30	15.40	15.37		
40	PI/2 BPSK	1	214	15.42	15.36	15.41		
40	PI/2 BPSK	108	0	15.36	15.46	15.42	16.3	0.0
40	PI/2 BPSK	108	54	15.29	15.48	15.42		
40	PI/2 BPSK	108	108	15.34	15.38	15.33	16.3	0.0
40	PI/2 BPSK	216	0	15.34	15.49	15.31		
40	QPSK	1	1	15.43	15.50	15.46	16.3	0.0
40	QPSK	1	108	15.28	15.47	15.36		
40	QPSK	1	214	15.42	15.49	15.33		
40	QPSK	108	0	15.29	15.41	15.44	16.3	0.0
40	QPSK	108	54	15.42	15.47	15.45	16.3	0.0
40	QPSK	108	108	15.31	15.44	15.41	16.3	0.0
40	QPSK	216	0	15.35	15.43	15.37		
40	16QAM	1	1	15.31	15.40	15.36	16.3	0.0
40	64QAM	1	1	15.28	15.44	15.36	16.3	0.0
40	256QAM	1	1	15.29	15.46	15.33	16.3	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.34	15.48	15.32	16.3	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.34	15.35	15.35	16.3	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.38	15.41	15.32	16.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.38	15.39	15.36	16.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.32	15.46	15.36	16.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.30	15.44	15.31	16.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	14.50	14.62	14.59	15.9	0.0
40	PI/2 BPSK	1	108	14.53	14.62	14.57		
40	PI/2 BPSK	1	214	14.56	14.56	14.57		
40	PI/2 BPSK	108	0	14.49	14.57	14.60	15.9	0.0
40	PI/2 BPSK	108	54	14.48	14.60	14.50	15.9	0.0
40	PI/2 BPSK	108	108	14.55	14.64	14.56	15.9	0.0
40	PI/2 BPSK	216	0	14.57	14.64	14.57		
40	QPSK	1	1	14.58	14.66	14.63	15.9	0.0
40	QPSK	1	108	14.49	14.58	14.59		
40	QPSK	1	214	14.48	14.62	14.60		
40	QPSK	108	0	14.43	14.53	14.56	15.9	0.0
40	QPSK	108	54	14.55	14.63	14.60	15.9	0.0
40	QPSK	108	108	14.52	14.60	14.57	15.9	0.0
40	QPSK	216	0	14.52	14.60	14.57		
40	16QAM	1	1	14.55	14.52	14.57	15.9	0.0
40	64QAM	1	1	14.56	14.57	14.58	15.9	0.0
40	256QAM	1	1	14.47	14.63	14.50	15.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.43	14.64	14.50	15.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.50	14.55	14.52	15.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	14.56	14.57	14.51	15.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.48	14.51	14.51	15.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.54	14.65	14.51	15.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.54	14.57	14.56	15.9	0.0

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BW [MHz]	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	22.46	22.58	22.45	24.2	0.0
15	PI/2 BPSK	1	40	22.60	22.66	22.56		
15	PI/2 BPSK	1	77	22.62	22.69	22.59		
15	PI/2 BPSK	36	0	22.15	22.26	22.25	23.7	0.5
15	PI/2 BPSK	36	22	22.64	22.74	22.71	24.2	0.0
15	PI/2 BPSK	36	43	22.19	22.25	22.16	23.7	0.5
15	PI/2 BPSK	75	0	22.20	22.26	22.19		
15	QPSK	1	1	22.68	22.77	22.75	24.2	0.0
15	QPSK	1	40	22.62	22.66	22.62		
15	QPSK	1	77	22.60	22.69	22.57		
15	QPSK	36	0	22.19	22.27	22.18	23.7	0.5
15	QPSK	36	22	22.74	22.75	22.72	24.2	0.0
15	QPSK	36	43	22.22	22.25	22.23	23.7	0.5
15	QPSK	75	0	22.20	22.28	22.16		
15	16QAM	1	1	21.84	21.90	21.84	23.2	1.0
15	64QAM	1	1	21.35	21.45	21.35	22.7	1.5
	256QAM	1	1	21.05	21.17	21.11	22.2	2.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.55	22.62	22.73	24.2	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	22.67	22.62	24.2	0.0

n12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	17.01	17.06	17.00	18.8	0.0
15	PI/2 BPSK	1	40	17.04	17.00	17.07		
15	PI/2 BPSK	1	77	17.04	16.98	17.06		
15	PI/2 BPSK	36	0	17.01	17.09	17.00	18.8	0.0
15	PI/2 BPSK	36	22	17.04	16.99	17.02	18.8	0.0
15	PI/2 BPSK	36	43	16.91	16.97	16.97	18.8	0.0
15	PI/2 BPSK	75	0	16.96	17.07	17.06		
15	QPSK	1	1	17.05	17.12	17.08	18.8	0.0
15	QPSK	1	40	17.01	17.11	17.04		
15	QPSK	1	77	17.04	16.97	16.95		
15	QPSK	36	0	16.94	17.06	17.02	18.8	0.0
15	QPSK	36	22	17.03	17.08	17.05	18.8	0.0
15	QPSK	36	43	17.01	17.03	17.00	18.8	0.0
15	QPSK	75	0	17.00	17.01	16.93		
15	16QAM	1	1	16.97	16.97	17.00	18.8	0.0
15	64QAM	1	1	16.93	17.05	17.03	18.8	0.0
	256QAM	1	1	16.94	17.09	17.07	18.8	0.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	17.01	17.01	17.02	18.8	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	16.97	17.00	16.96	18.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	24.32	24.38	24.27	25.7	0.0
20	PI/2 BPSK	1	53	24.29	24.39	24.24		
20	PI/2 BPSK	1	104	24.39	24.40	24.39		
20	PI/2 BPSK	50	0	23.89	23.97	23.90	25.2	0.5
20	PI/2 BPSK	50	28	24.34	24.42	24.39	25.7	0.0
20	PI/2 BPSK	50	56	23.94	24.00	23.93	25.2	0.5
20	PI/2 BPSK	100	0	23.85	23.97	23.90		
20	QPSK	1	1	24.44	24.51	24.39	25.7	0.0
20	QPSK	1	53	24.32	24.35	24.30		
20	QPSK	1	104	24.25	24.39	24.37		
20	QPSK	50	0	23.86	23.92	23.85	25.2	0.5
20	QPSK	50	28	24.43	24.45	24.33	25.7	0.0
20	QPSK	50	56	23.90	23.96	23.95	25.2	0.5
20	QPSK	100	0	23.88	23.91	23.80		
20	16QAM	1	1	23.64	23.67	23.60	24.7	1.0
20	64QAM	1	1	23.14	23.24	23.10	24.2	1.5
20	256QAM	1	1	22.67	22.82	22.73	23.7	2.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.30	24.43	24.26	25.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.31	24.42	24.30	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	24.39	24.30	24.25	25.7	0.0

n26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	19.11	19.11	19.05	20.3	0.0
20	PI/2 BPSK	1	53	18.97	19.11	19.05		
20	PI/2 BPSK	1	104	19.08	19.14	18.99		
20	PI/2 BPSK	50	0	19.08	19.17	19.04	20.3	0.0
20	PI/2 BPSK	50	28	19.05	19.12	18.99	20.3	0.0
20	PI/2 BPSK	50	56	18.99	19.13	18.95	20.3	0.0
20	PI/2 BPSK	100	0	19.08	19.13	18.96		
20	QPSK	1	1	19.12	19.19	19.10	20.3	0.0
20	QPSK	1	53	19.05	19.06	19.05		
20	QPSK	1	104	19.11	19.05	19.02		
20	QPSK	50	0	19.01	19.14	19.07	20.3	0.0
20	QPSK	50	28	19.03	19.16	19.08	20.3	0.0
20	QPSK	50	56	18.98	19.06	19.04	20.3	0.0
20	QPSK	100	0	18.97	19.09	19.04		
20	16QAM	1	1	18.99	19.06	19.02	20.3	0.0
20	64QAM	1	1	19.01	19.17	19.07	20.3	0.0
20	256QAM	1	1	19.09	19.16	19.00	20.3	0.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	18.99	19.14	18.98	20.3	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	18.99	19.09	19.01	20.3	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	19.06	19.16	19.07	20.3	0.0

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BW [MHz]	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	24.10	24.20	24.08	25.4	0.0
40	PI/2 BPSK	1	108	24.13	24.23	24.20		
40	PI/2 BPSK	1	214	23.94	24.08	23.99		
40	PI/2 BPSK	108	0	23.74	23.80	23.74	24.9	0.5
40	PI/2 BPSK	108	54	24.14	24.22	24.07	25.4	0.0
40	PI/2 BPSK	108	108	23.61	23.75	23.71	24.9	0.5
40	PI/2 BPSK	216	0	23.66	23.76	23.71		
40	QPSK	1	1	24.18	24.26	24.20	25.4	0.0
40	QPSK	1	108	24.16	24.25	24.15		
40	QPSK	1	214	24.09	24.13	24.07		
40	QPSK	108	0	22.95	22.98	22.93	24.4	1.0
40	QPSK	108	54	24.05	24.20	24.08	25.4	0.0
40	QPSK	108	108	22.93	22.91	22.98	24.4	1.0
40	QPSK	216	0	22.96	23.00	22.98		
40	16QAM	1	1	23.30	23.36	23.29	24.4	1.0
40	64QAM	1	1	22.82	22.88	22.87	23.9	1.5
40	256QAM	1	1	22.50	22.51	22.41	23.4	2.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.07	24.12	24.09	25.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.10	24.23	24.15	25.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.08	24.18	24.05	25.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.10	24.20	24.06	25.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.09	24.20	24.18	25.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.44	15.53	15.43	16.1	0.0
40	PI/2 BPSK	1	108	15.35	15.50	15.39		
40	PI/2 BPSK	1	214	15.43	15.48	15.47		
40	PI/2 BPSK	108	0	15.49	15.45	15.45	16.1	0.0
40	PI/2 BPSK	108	54	15.43	15.46	15.52	16.1	0.0
40	PI/2 BPSK	108	108	15.39	15.53	15.46	16.1	0.0
40	PI/2 BPSK	216	0	15.45	15.59	15.52		
40	QPSK	1	1	15.50	15.60	15.53	16.1	0.0
40	QPSK	1	108	15.35	15.55	15.44		
40	QPSK	1	214	15.37	15.48	15.52		
40	QPSK	108	0	15.44	15.50	15.51	16.1	0.0
40	QPSK	108	54	15.47	15.56	15.52	16.1	0.0
40	QPSK	108	108	15.36	15.50	15.47	16.1	0.0
40	QPSK	216	0	15.42	15.53	15.44		
40	16QAM	1	1	15.48	15.58	15.52	16.1	0.0
40	64QAM	1	1	15.47	15.50	15.43	16.1	0.0
40	256QAM	1	1	15.49	15.50	15.50	16.1	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.29	15.50	15.41	16.1	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.35	15.51	15.45	16.1	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.32	15.52	15.45	16.1	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.37	15.50	15.34	16.1	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.27	15.45	15.37	16.1	0.0

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BW [MHz]	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	19.18	19.26	19.23	20.3	0.0
40	PI/2 BPSK	1	108	19.16	19.19	19.20		
40	PI/2 BPSK	1	214	19.16	19.23	19.10		
40	PI/2 BPSK	108	0	19.13	19.17	19.16	20.3	0.0
40	PI/2 BPSK	108	54	19.18	19.15	19.12	20.3	0.0
40	PI/2 BPSK	108	108	19.09	19.25	19.11	20.3	0.0
40	PI/2 BPSK	216	0	19.16	19.21	19.24		
40	QPSK	1	1	19.22	19.30	19.25	20.3	0.0
40	QPSK	1	108	19.18	19.28	19.15		
40	QPSK	1	214	19.21	19.23	19.10		
40	QPSK	108	0	19.14	19.22	19.15	20.3	0.0
40	QPSK	108	54	19.19	19.28	19.23	20.3	0.0
40	QPSK	108	108	19.17	19.25	19.20	20.3	0.0
40	QPSK	216	0	19.17	19.26	19.18		
40	16QAM	1	1	19.21	19.17	19.10	20.3	0.0
40	64QAM	1	1	19.18	19.19	19.17	20.3	0.0
40	256QAM	1	1	19.08	19.29	19.23	20.3	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.17	19.21	19.24	20.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.19	19.17	19.14	20.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.10	19.17	19.10	20.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.11	19.28	19.24	20.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.08	19.27	19.20	20.3	0.0

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BW [MHz]	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	14.84	14.90	14.84	16.5	0.0
40	PI/2 BPSK	1	108	14.75	14.93	14.94		
40	PI/2 BPSK	1	214	14.85	14.90	14.87		
40	PI/2 BPSK	108	0	14.88	14.98	14.84	16.5	0.0
40	PI/2 BPSK	108	54	14.88	14.91	14.91	16.5	0.0
40	PI/2 BPSK	108	108	14.89	14.92	14.93	16.5	0.0
40	PI/2 BPSK	216	0	14.79	14.91	14.92		
40	QPSK	1	1	14.90	14.99	14.95	16.5	0.0
40	QPSK	1	108	14.82	14.85	14.83		
40	QPSK	1	214	14.82	14.89	14.86		
40	QPSK	108	0	14.80	14.93	14.86	16.5	0.0
40	QPSK	108	54	14.89	14.96	14.92	16.5	0.0
40	QPSK	108	108	14.82	14.90	14.89	16.5	0.0
40	QPSK	216	0	14.89	14.95	14.83		
40	16QAM	1	1	14.85	14.85	14.86	16.5	0.0
40	64QAM	1	1	14.81	14.94	14.82	16.5	0.0
40	256QAM	1	1	14.83	14.94	14.83	16.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	14.86	14.95	14.80	16.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	14.82	14.92	14.90	16.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	14.77	14.88	14.86	16.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	14.83	14.96	14.83	16.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	14.87	14.85	14.94	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.08	24.18	24.04	25.4	0.0
40	PI/2 BPSK	1	53	24.00	24.01	23.96		
40	PI/2 BPSK	1	104	24.09	24.15	24.07		
40	PI/2 BPSK	50	0	23.42	23.56	23.53	24.9	0.5
40	PI/2 BPSK	50	28	24.03	24.05	24.01	25.4	0.0
40	PI/2 BPSK	50	56	23.53	23.63	23.48	24.9	0.5
40	PI/2 BPSK	100	0	23.45	23.56	23.44		
40	QPSK	1	1	24.16	24.20	24.13	25.4	0.0
40	QPSK	1	53	23.96	23.99	23.91		
40	QPSK	1	104	24.09	24.15	24.03		
40	QPSK	50	0	23.45	23.50	23.46	25.4	0.0
40	QPSK	50	28	23.98	24.06	24.05		
40	QPSK	50	56	23.60	23.64	23.56		
40	QPSK	100	0	23.46	23.48	23.46	24.9	0.5
40	16QAM	1	1	23.20	23.30	23.19	24.4	1.0
40	64QAM	1	1	22.83	22.88	22.83	23.9	1.5
40	256QAM	1	1	22.33	22.45	22.41	23.4	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.11	24.11	24.08	25.4	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.10	24.05	24.04	25.4	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.13	24.16	24.03	25.4	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.15	24.17	24.04	25.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.62	14.77	14.73	15.8	0.0
40	PI/2 BPSK	1	53	14.58	14.75	14.63		
40	PI/2 BPSK	1	104	14.59	14.74	14.72		
40	PI/2 BPSK	50	0	14.68	14.68	14.66	15.8	0.0
40	PI/2 BPSK	50	28	14.71	14.80	14.64	15.8	0.0
40	PI/2 BPSK	50	56	14.67	14.79	14.62	15.8	0.0
40	PI/2 BPSK	100	0	14.71	14.66	14.68		
40	QPSK	1	1	14.72	14.81	14.77	15.8	0.0
40	QPSK	1	53	14.70	14.69	14.62		
40	QPSK	1	104	14.65	14.70	14.76		
40	QPSK	50	0	14.59	14.76	14.62	15.8	0.0
40	QPSK	50	28	14.69	14.79	14.76		
40	QPSK	50	56	14.67	14.78	14.69		
40	QPSK	100	0	14.65	14.66	14.63	15.8	0.0
40	16QAM	1	1	14.70	14.66	14.74	15.8	0.0
40	64QAM	1	1	14.67	14.78	14.65	15.8	0.0
40	256QAM	1	1	14.60	14.78	14.70	15.8	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.67	14.77	14.68	15.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.69	14.66	14.72	15.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.68	14.73	14.68	15.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.60	14.80	14.66	15.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.32	16.29	16.26	17.3	0.0
40	PI/2 BPSK	1	53	16.37	16.41	16.22		
40	PI/2 BPSK	1	104	16.25	16.41	16.25		
40	PI/2 BPSK	50	0	16.23	16.42	16.25	17.3	0.0
40	PI/2 BPSK	50	28	16.37	16.30	16.21	17.3	0.0
40	PI/2 BPSK	50	56	16.33	16.38	16.21	17.3	0.0
40	PI/2 BPSK	100	0	16.25	16.40	16.26		
40	QPSK	1	1	16.38	16.43	16.35	17.3	0.0
40	QPSK	1	53	16.33	16.30	16.23		
40	QPSK	1	104	16.28	16.37	16.32		
40	QPSK	50	0	16.27	16.30	16.26	17.3	0.0
40	QPSK	50	28	16.35	16.40	16.32		
40	QPSK	50	56	16.30	16.30	16.20		
40	QPSK	100	0	16.33	16.38	16.31	17.3	0.0
40	16QAM	1	1	16.37	16.29	16.23	17.3	0.0
40	64QAM	1	1	16.29	16.38	16.31	17.3	0.0
40	256QAM	1	1	16.29	16.41	16.23	17.3	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.24	16.29	16.32	17.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.23	16.31	16.31	17.3	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.27	16.34	16.33	17.3	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.29	16.40	16.30	17.3	0.0

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BW [MHz]	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	13.65	13.68	13.63	15.1	0.0
40	PI/2 BPSK	1	53	13.58	13.63	13.64		
40	PI/2 BPSK	1	104	13.56	13.70	13.67		
40	PI/2 BPSK	50	0	13.64	13.76	13.57	15.1	0.0
40	PI/2 BPSK	50	28	13.62	13.67	13.60	15.1	0.0
40	PI/2 BPSK	50	56	13.67	13.72	13.66		
40	PI/2 BPSK	100	0	13.56	13.65	13.62		
40	QPSK	1	1	13.69	13.77	13.72	15.1	0.0
40	QPSK	1	53	13.54	13.68	13.65		
40	QPSK	1	104	13.56	13.64	13.69		
40	QPSK	50	0	13.62	13.71	13.60	15.1	0.0
40	QPSK	50	28	13.65	13.75	13.69		
40	QPSK	50	56	13.55	13.68	13.63		
40	QPSK	100	0	13.57	13.73	13.62	15.1	0.0
40	16QAM	1	1	13.66	13.68	13.67	15.1	0.0
40	64QAM	1	1	13.58	13.65	13.58	15.1	0.0
40	256QAM	1	1	13.57	13.64	13.61	15.1	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	13.65	13.63	13.57	15.1	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	13.62	13.74	13.70	15.1	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	13.55	13.75	13.67	15.1	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	13.63	13.66	13.71	15.1	0.0

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BW [MHz]	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	21.94	22.03	21.91	23.2	0.0
100	PI/2 BPSK	1	137	22.00	22.06	22.02		
100	PI/2 BPSK	1	271	21.95	22.05	21.97		
100	PI/2 BPSK	135	0	21.94	22.01	21.88	23.2	0.0
100	PI/2 BPSK	135	69	21.89	22.02	22.00	23.2	0.0
100	PI/2 BPSK	135	138	21.92	22.05	21.95	23.2	0.0
100	PI/2 BPSK	270	0	21.86	21.98	21.93		
100	QPSK	1	1	21.96	22.10	22.02	23.2	0.0
100	QPSK	1	137	21.94	22.06	21.96		
100	QPSK	1	271	21.95	22.04	21.90		
100	QPSK	135	0	21.90	22.02	21.95	23.2	0.0
100	QPSK	135	69	21.95	22.05	22.00		
100	QPSK	135	138	21.92	22.04	21.89		
100	QPSK	270	0	21.92	21.94	21.86	23.2	0.0
100	16QAM	1	1	21.90	21.98	21.97	23.2	0.0
100	64QAM	1	1	21.88	21.96	21.87	23.2	0.0
100	256QAM	1	1	21.93	22.00	21.90	23.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.89	22.01	21.93	23.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.83	21.96	21.99	23.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	21.90	21.98	21.92	23.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	21.83	22.07	22.00	23.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	21.87	21.95	22.00	23.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	21.89	22.09	22.01	23.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	21.84	22.04	21.94	23.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	21.89	22.06	21.87	23.2	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.03	25.12	24.98	26.2	0.0
100	PI/2 BPSK	1	137	24.76	24.83	24.77		
100	PI/2 BPSK	1	271	24.95	25.02	24.96		
100	PI/2 BPSK	135	0	24.41	24.47	24.33	25.7	0.5
100	PI/2 BPSK	135	69	24.87	25.02	24.99	26.2	0.0
100	PI/2 BPSK	135	138	24.27	24.36	24.30	25.7	0.5
100	PI/2 BPSK	270	0	24.32	24.35	24.28		
100	QPSK	1	1	25.21	25.22	25.20	26.2	0.0
100	QPSK	1	137	24.87	24.93	24.91		
100	QPSK	1	271	24.95	24.97	24.87		
100	QPSK	135	0	24.43	24.51	24.49	26.2	0.0
100	QPSK	135	69	25.05	25.10	24.99		
100	QPSK	135	138	24.36	24.39	24.32		
100	QPSK	270	0	24.30	24.37	24.22	25.7	0.5
100	16QAM	1	1	24.47	24.50	24.43	25.7	0.5
100	64QAM	1	1	23.88	23.91	23.90	25.2	1.0
100	256QAM	1	1	23.58	23.68	23.59	24.2	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.14	25.18	25.19	26.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.08	25.20	25.12	26.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	25.08	25.21	25.10	26.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	25.14	25.13	25.19	26.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	25.07	25.20	25.09	26.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	25.09	25.13	25.19	26.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	25.08	25.12	25.10	26.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	25.19	25.15	25.19	26.2	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.34	14.54	14.35	15.7	0.0
100	PI/2 BPSK	1	137	14.36	14.54	14.42		
100	PI/2 BPSK	1	271	14.35	14.48	14.44		
100	PI/2 BPSK	135	0	14.29	14.50	14.42	15.7	0.0
100	PI/2 BPSK	135	69	14.34	14.45	14.49	15.7	0.0
100	PI/2 BPSK	135	138	14.33	14.43	14.48	15.7	0.0
100	PI/2 BPSK	270	0	14.39	14.49	14.46		
100	QPSK	1	1	14.43	14.55	14.50	15.7	0.0
100	QPSK	1	137	14.37	14.49	14.45		
100	QPSK	1	271	14.39	14.50	14.45		
100	QPSK	135	0	14.34	14.43	14.48	15.7	0.0
100	QPSK	135	69	14.41	14.53	14.49		
100	QPSK	135	138	14.34	14.40	14.43		
100	QPSK	270	0	14.33	14.46	14.39	15.7	0.0
100	16QAM	1	1	14.32	14.52	14.39	15.7	0.0
100	64QAM	1	1	14.38	14.40	14.36	15.7	0.0
100	256QAM	1	1	14.35	14.53	14.46	15.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.32	14.42	14.40	15.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.42	14.53	14.47	15.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	14.32	14.53	14.43	15.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	14.40	14.45	14.37	15.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	14.35	14.41	14.35	15.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	14.28	14.42	14.43	15.7	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	14.42	14.46	14.37	15.7	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	14.38	14.40	14.35	15.7	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.34	14.54	14.35	15.7	0.0
100	PI/2 BPSK	1	137	14.36	14.54	14.42		
100	PI/2 BPSK	1	271	14.35	14.48	14.44		
100	PI/2 BPSK	135	0	14.29	14.50	14.42	15.7	0.0
100	PI/2 BPSK	135	69	14.34	14.45	14.49	15.7	0.0
100	PI/2 BPSK	135	138	14.33	14.43	14.48	15.7	0.0
100	PI/2 BPSK	270	0	14.39	14.49	14.46		
100	QPSK	1	1	14.43	14.55	14.50	15.7	0.0
100	QPSK	1	137	14.37	14.49	14.45		
100	QPSK	1	271	14.39	14.50	14.45		
100	QPSK	135	0	14.34	14.43	14.48	15.7	0.0
100	QPSK	135	69	14.41	14.53	14.49		
100	QPSK	135	138	14.34	14.40	14.43		
100	QPSK	270	0	14.33	14.46	14.39	15.7	0.0
100	16QAM	1	1	14.32	14.52	14.39	15.7	0.0
100	64QAM	1	1	14.38	14.40	14.36	15.7	0.0
100	256QAM	1	1	14.35	14.53	14.46	15.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.32	14.42	14.40	15.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.42	14.53	14.47	15.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	14.32	14.53	14.43	15.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	14.40	14.45	14.37	15.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	14.35	14.41	14.35	15.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	14.28	14.42	14.43	15.7	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	14.42	14.46	14.37	15.7	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	14.38	14.40	14.35	15.7	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	12.70	12.75	12.74	13.6	0.0
100	PI/2 BPSK	1	137	12.68	12.75	12.74		
100	PI/2 BPSK	1	271	12.74	12.77	12.70		
100	PI/2 BPSK	135	0	12.67	12.78	12.80	13.6	0.0
100	PI/2 BPSK	135	69	12.72	12.87	12.69	13.6	0.0
100	PI/2 BPSK	135	138	12.75	12.76	12.71	13.6	0.0
100	PI/2 BPSK	270	0	12.70	12.79	12.73		
100	QPSK	1	1	12.80	12.88	12.83	13.6	0.0
100	QPSK	1	137	12.69	12.77	12.81		
100	QPSK	1	271	12.66	12.79	12.71		
100	QPSK	135	0	12.68	12.77	12.77	13.6	0.0
100	QPSK	135	69	12.78	12.85	12.80		
100	QPSK	135	138	12.77	12.78	12.77		
100	QPSK	270	0	12.73	12.77	12.75	13.6	0.0
100	16QAM	1	1	12.70	12.79	12.78	13.6	0.0
100	64QAM	1	1	12.74	12.84	12.80	13.6	0.0
100	256QAM	1	1	12.78	12.73	12.72	13.6	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	12.74	12.82	12.69	13.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	12.75	12.82	12.80	13.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	12.75	12.78	12.77	13.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	12.74	12.75	12.68	13.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	12.74	12.81	12.81	13.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	12.71	12.75	12.77	13.6	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	12.70	12.78	12.74	13.6	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	12.67	12.74	12.68	13.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	12.70	12.75	12.74	13.6	0.0
100	PI/2 BPSK	1	137	12.68	12.75	12.74		
100	PI/2 BPSK	1	271	12.74	12.77	12.70		
100	PI/2 BPSK	135	0	12.67	12.78	12.80	13.6	0.0
100	PI/2 BPSK	135	69	12.72	12.87	12.69	13.6	0.0
100	PI/2 BPSK	135	138	12.75	12.76	12.71	13.6	0.0
100	PI/2 BPSK	270	0	12.70	12.79	12.73		
100	QPSK	1	1	12.80	12.88	12.83	13.6	0.0
100	QPSK	1	137	12.69	12.77	12.81		
100	QPSK	1	271	12.66	12.79	12.71		
100	QPSK	135	0	12.68	12.77	12.77	13.6	0.0
100	QPSK	135	69	12.78	12.85	12.80		
100	QPSK	135	138	12.77	12.78	12.77		
100	QPSK	270	0	12.73	12.77	12.75	13.6	0.0
100	16QAM	1	1	12.70	12.79	12.78	13.6	0.0
100	64QAM	1	1	12.74	12.84	12.80	13.6	0.0
100	256QAM	1	1	12.78	12.73	12.72	13.6	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	12.74	12.82	12.69	13.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	12.75	12.82	12.80	13.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	12.75	12.78	12.77	13.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	12.74	12.75	12.68	13.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	12.74	12.81	12.81	13.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	12.71	12.75	12.77	13.6	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	12.70	12.78	12.74	13.6	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	12.67	12.74	12.68	13.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	13.95	14.19	14.07	15.2	0.0
100	PI/2 BPSK	1	137	13.99	14.05	14.05		
100	PI/2 BPSK	1	271	14.03	14.14	14.07		
100	PI/2 BPSK	135	0	13.96	14.06	14.01	15.2	0.0
100	PI/2 BPSK	135	69	13.99	14.11	14.13	15.2	0.0
100	PI/2 BPSK	135	138	13.96	14.16	14.09	15.2	0.0
100	PI/2 BPSK	270	0	13.98	14.09	14.15		
100	QPSK	1	1	14.10	14.20	14.16	15.2	0.0
100	QPSK	1	137	14.05	14.14	14.13		
100	QPSK	1	271	13.96	14.14	14.15		
100	QPSK	135	0	14.08	14.14	14.12	15.2	0.0
100	QPSK	135	69	14.09	14.18	14.14		
100	QPSK	135	138	13.96	14.13	14.04		
100	QPSK	270	0	14.00	14.15	14.10	15.2	0.0
100	16QAM	1	1	13.97	14.18	14.15	15.2	0.0
100	64QAM	1	1	14.04	14.19	14.15	15.2	0.0
100	256QAM	1	1	14.04	14.07	14.09	15.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.06	14.15	14.14	15.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	13.96	14.12	14.13	15.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	14.05	14.10	14.11	15.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	14.08	14.17	14.11	15.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	14.05	14.09	14.06	15.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	13.95	14.17	14.10	15.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	14.04	14.16	14.14	15.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	13.99	14.16	14.12	15.2	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	13.95	14.19	14.07	15.2	0.0
100	PI/2 BPSK	1	137	13.99	14.05	14.05		
100	PI/2 BPSK	1	271	14.03	14.14	14.07		
100	PI/2 BPSK	135	0	13.96	14.06	14.01	15.2	0.0
100	PI/2 BPSK	135	69	13.99	14.11	14.13	15.2	0.0
100	PI/2 BPSK	135	138	13.96	14.16	14.09	15.2	0.0
100	PI/2 BPSK	270	0	13.98	14.09	14.15		
100	QPSK	1	1	14.10	14.20	14.16	15.2	0.0
100	QPSK	1	137	14.05	14.14	14.13		
100	QPSK	1	271	13.96	14.14	14.15		
100	QPSK	135	0	14.08	14.14	14.12	15.2	0.0
100	QPSK	135	69	14.09	14.18	14.14		
100	QPSK	135	138	13.96	14.13	14.04		
100	QPSK	270	0	14.00	14.15	14.10	15.2	0.0
100	16QAM	1	1	13.97	14.18	14.15	15.2	0.0
100	64QAM	1	1	14.04	14.19	14.15	15.2	0.0
100	256QAM	1	1	14.04	14.07	14.09	15.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.06	14.15	14.14	15.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	13.96	14.12	14.13	15.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
70	QPSK	1	1	14.05	14.10	14.11	15.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
60	QPSK	1	1	14.08	14.17	14.11	15.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
50	QPSK	1	1	14.05	14.09	14.06	15.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
40	QPSK	1	1	13.95	14.17	14.10	15.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
30	QPSK	1	1	14.04	14.16	14.14	15.2	0.0
Channel				499200	518598	537996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2592.99	2689.98		
20	QPSK	1	1	13.99	14.16	14.12	15.2	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.87		14.7	0.0
100	PI/2 BPSK	1	137		13.87			
100	PI/2 BPSK	1	271		13.88			
100	PI/2 BPSK	135	0		13.85		14.7	0.0
100	PI/2 BPSK	135	69		13.83		14.7	0.0
100	PI/2 BPSK	135	138		13.85		14.7	0.0
100	PI/2 BPSK	270	0		13.93			
100	QPSK	1	1		13.95		14.7	0.0
100	QPSK	1	137		13.86			
100	QPSK	1	271		13.83			
100	QPSK	135	0		13.83		14.7	0.0
100	QPSK	135	69		13.88			
100	QPSK	135	138		13.87			
100	QPSK	270	0		13.84		14.7	0.0
100	16QAM	1	1		13.85		14.7	0.0
100	64QAM	1	1		13.80		14.7	0.0
100	256QAM	1	1		13.94		14.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.77	13.73	13.74	14.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.72	13.75	13.73	14.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.70	13.80	13.74	14.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.71	13.80	13.77	14.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.69	13.76	13.77	14.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	13.75	13.77	13.68	14.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	13.74	13.73	13.72	14.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.80	13.72	13.68	14.7	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.60	13.64	13.53	14.7	0.0
100	PI/2 BPSK	1	137	13.60	13.57	13.64		
100	PI/2 BPSK	1	271	13.58	13.61	13.54		
100	PI/2 BPSK	135	0	13.55	13.65	13.60	14.7	0.0
100	PI/2 BPSK	135	69	13.51	13.62	13.61	14.7	0.0
100	PI/2 BPSK	135	138	13.59	13.68	13.55	14.7	0.0
100	PI/2 BPSK	270	0	13.54	13.63	13.59		
100	QPSK	1	1	13.62	13.70	13.66	14.7	0.0
100	QPSK	1	137	13.58	13.58	13.58		
100	QPSK	1	271	13.59	13.62	13.57		
100	QPSK	135	0	13.59	13.63	13.52	14.7	0.0
100	QPSK	135	69	13.60	13.69	13.62		
100	QPSK	135	138	13.54	13.63	13.58		
100	QPSK	270	0	13.48	13.63	13.55	14.7	0.0
100	16QAM	1	1	13.59	13.59	13.59	14.7	0.0
100	64QAM	1	1	13.61	13.62	13.58	14.7	0.0
100	256QAM	1	1	13.59	13.63	13.55	14.7	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	13.49	13.69	13.63	14.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	13.61	13.63	13.58	14.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.61	13.58	13.59	14.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	13.50	13.58	13.59	14.7	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	13.58	13.55	13.59	14.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.58	13.62	13.64	14.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	13.50	13.65	13.54	14.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	13.57	13.66	13.54	14.7	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.57		15.2	0.0
100	PI/2 BPSK	1	137		13.52			
100	PI/2 BPSK	1	271		13.50			
100	PI/2 BPSK	135	0		13.61		15.2	0.0
100	PI/2 BPSK	135	69		13.53		15.2	0.0
100	PI/2 BPSK	135	138		13.57		15.2	0.0
100	PI/2 BPSK	270	0		13.61			
100	QPSK	1	1		13.65		15.2	0.0
100	QPSK	1	137		13.58			
100	QPSK	1	271		13.53			
100	QPSK	135	0		13.58		15.2	0.0
100	QPSK	135	69		13.63			
100	QPSK	135	138		13.54			
100	QPSK	270	0		13.60		15.2	0.0
100	16QAM	1	1		13.61		15.2	0.0
100	64QAM	1	1		13.56		15.2	0.0
100	256QAM	1	1		13.53		15.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.42	13.59	13.51	15.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.39	13.48	13.49	15.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.38	13.60	13.56	15.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.48	13.47	13.56	15.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.45	13.61	13.60	15.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	13.50	13.57	13.57	15.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	13.43	13.53	13.59	15.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.42	13.48	13.55	15.2	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.46	13.49	13.41	15.2	0.0
100	PI/2 BPSK	1	137	13.36	13.40	13.38		
100	PI/2 BPSK	1	271	13.33	13.40	13.28		
100	PI/2 BPSK	135	0	13.43	13.56	13.45	15.2	0.0
100	PI/2 BPSK	135	69	13.36	13.38	13.34	15.2	0.0
100	PI/2 BPSK	135	138	13.39	13.49	13.40	15.2	0.0
100	PI/2 BPSK	270	0	13.41	13.48	13.37		
100	QPSK	1	1	13.57	13.60	13.58	15.2	0.0
100	QPSK	1	137	13.50	13.56	13.41		
100	QPSK	1	271	13.39	13.45	13.41		
100	QPSK	135	0	13.53	13.54	13.41	15.2	0.0
100	QPSK	135	69	13.55	13.58	13.45		
100	QPSK	135	138	13.48	13.49	13.42		
100	QPSK	270	0	13.46	13.53	13.42	15.2	0.0
100	16QAM	1	1	13.48	13.49	13.38	15.2	0.0
100	64QAM	1	1	13.40	13.46	13.32	15.2	0.0
100	256QAM	1	1	13.34	13.39	13.25	15.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	13.43	13.59	13.54	15.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	13.53	13.50	13.57	15.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.50	13.52	13.53	15.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	13.50	13.51	13.47	15.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	13.44	13.52	13.49	15.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.48	13.59	13.47	15.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	13.52	13.56	13.50	15.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	13.54	13.59	13.55	15.2	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.81		18.2	0.0
100	PI/2 BPSK	1	137		16.78			
100	PI/2 BPSK	1	271		16.71			
100	PI/2 BPSK	135	0		16.78		18.2	0.0
100	PI/2 BPSK	135	69		16.74		18.2	0.0
100	PI/2 BPSK	135	138		16.73		18.2	0.0
100	PI/2 BPSK	270	0		16.77			
100	QPSK	1	1		16.82		18.2	0.0
100	QPSK	1	137		16.68			
100	QPSK	1	271		16.77			
100	QPSK	135	0		16.69		18.2	0.0
100	QPSK	135	69		16.80			
100	QPSK	135	138		16.73			
100	QPSK	270	0		16.75		18.2	0.0
100	16QAM	1	1		16.74		18.2	0.0
100	64QAM	1	1		16.78		18.2	0.0
100	256QAM	1	1		16.67		18.2	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	16.67	16.63	16.76	18.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	16.65	16.70	16.78	18.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	16.65	16.75	16.70	18.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	16.68	16.63	16.70	18.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	16.60	16.65	16.71	18.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	16.59	16.64	16.79	18.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.68	16.73	16.77	18.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.64	16.74	16.66	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.84	16.81	16.78	18.2	0.0
100	PI/2 BPSK	1	137	16.83	16.77	16.79		
100	PI/2 BPSK	1	271	16.74	16.90	16.76		
100	PI/2 BPSK	135	0	16.74	16.91	16.78	18.2	0.0
100	PI/2 BPSK	135	69	16.75	16.79	16.87	18.2	0.0
100	PI/2 BPSK	135	138	16.73	16.77	16.82	18.2	0.0
100	PI/2 BPSK	270	0	16.72	16.87	16.85		
100	QPSK	1	1	16.85	16.92	16.88	18.2	0.0
100	QPSK	1	137	16.81	16.84	16.73		
100	QPSK	1	271	16.79	16.82	16.81		
100	QPSK	135	0	16.82	16.85	16.80	18.2	0.0
100	QPSK	135	69	16.84	16.90	16.81		
100	QPSK	135	138	16.80	16.78	16.77		
100	QPSK	270	0	16.81	16.85	16.80	18.2	0.0
100	16QAM	1	1	16.82	16.82	16.78	18.2	0.0
100	64QAM	1	1	16.84	16.86	16.86	18.2	0.0
100	256QAM	1	1	16.70	16.88	16.75	18.2	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	16.77	16.83	16.78	18.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	16.78	16.83	16.82	18.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.74	16.91	16.75	18.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	16.79	16.85	16.82	18.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	16.84	16.78	16.77	18.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.83	16.89	16.81	18.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	16.84	16.89	16.85	18.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	16.74	16.85	16.79	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.09		14.7	0.0
100	PI/2 BPSK	1	137		13.12			
100	PI/2 BPSK	1	271		13.11			
100	PI/2 BPSK	135	0		13.17		14.7	0.0
100	PI/2 BPSK	135	69		13.08		14.7	0.0
100	PI/2 BPSK	135	138		13.05		14.7	0.0
100	PI/2 BPSK	270	0		13.16			
100	QPSK	1	1		13.18		14.7	0.0
100	QPSK	1	137		13.14			
100	QPSK	1	271		13.08			
100	QPSK	135	0		13.07		14.7	0.0
100	QPSK	135	69		13.16			
100	QPSK	135	138		13.11			
100	QPSK	270	0		13.11		14.7	0.0
100	16QAM	1	1		13.03		14.7	0.0
100	64QAM	1	1		13.14		14.7	0.0
100	256QAM	1	1		13.06		14.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.02	13.09	12.98	14.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.13	12.99	12.97	14.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.01	13.04	12.96	14.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.12	13.01	13.07	14.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.07	13.11	13.03	14.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	13.12	13.00	12.94	14.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	13.06	13.13	13.01	14.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.14	13.13	12.94	14.7	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.00	13.01	12.90	14.7	0.0
100	PI/2 BPSK	1	137	13.00	13.03	12.93		
100	PI/2 BPSK	1	271	12.96	13.09	13.04		
100	PI/2 BPSK	135	0	13.01	13.12	13.11	14.7	0.0
100	PI/2 BPSK	135	69	12.83	12.97	12.91	14.7	0.0
100	PI/2 BPSK	135	138	12.84	12.92	12.89	14.7	0.0
100	PI/2 BPSK	270	0	13.06	13.08	13.00		
100	QPSK	1	1	13.07	13.14	13.05	14.7	0.0
100	QPSK	1	137	12.96	13.05	13.02		
100	QPSK	1	271	12.93	12.97	12.95		
100	QPSK	135	0	12.94	12.96	12.95	14.7	0.0
100	QPSK	135	69	13.09	13.12	13.07		
100	QPSK	135	138	12.85	12.97	12.95		
100	QPSK	270	0	13.00	13.07	12.98	14.7	0.0
100	16QAM	1	1	12.84	12.93	12.80	14.7	0.0
100	64QAM	1	1	12.97	13.03	12.97	14.7	0.0
100	256QAM	1	1	12.92	13.00	12.91	14.7	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	13.04	13.10	13.01	14.7	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	12.92	13.12	13.00	14.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.04	13.05	12.98	14.7	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	12.95	13.09	12.94	14.7	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	12.97	13.05	13.03	14.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.06	13.02	13.04	14.7	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	12.93	13.01	13.01	14.7	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	12.97	13.02	12.97	14.7	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.51		14.7	0.0
100	PI/2 BPSK	1	137		13.54			
100	PI/2 BPSK	1	271		13.48			
100	PI/2 BPSK	135	0		13.59		14.7	0.0
100	PI/2 BPSK	135	69		13.53		14.7	0.0
100	PI/2 BPSK	135	138		13.57		14.7	0.0
100	PI/2 BPSK	270	0		13.53			
100	QPSK	1	1		13.62		14.7	0.0
100	QPSK	1	137		13.47			
100	QPSK	1	271		13.55			
100	QPSK	135	0		13.52		14.7	0.0
100	QPSK	135	69		13.60			
100	QPSK	135	138		13.50			
100	QPSK	270	0		13.58		14.7	0.0
100	16QAM	1	1		13.49		14.7	0.0
100	64QAM	1	1		13.57		14.7	0.0
100	256QAM	1	1		13.54		14.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.51	13.49	13.61	14.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.60	13.51	13.51	14.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.53	13.47	13.49	14.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.61	13.51	13.53	14.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.51	13.56	13.60	14.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	13.53	13.48	13.48	14.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	13.54	13.61	13.52	14.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.61	13.55	13.56	14.7	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.92		14.7	0.0
100	PI/2 BPSK	1	137		13.89			
100	PI/2 BPSK	1	271		13.81			
100	PI/2 BPSK	135	0		13.81		14.7	0.0
100	PI/2 BPSK	135	69		13.88		14.7	0.0
100	PI/2 BPSK	135	138		13.93		14.7	0.0
100	PI/2 BPSK	270	0		13.86			
100	QPSK	1	1		13.96		14.7	0.0
100	QPSK	1	137		13.84			
100	QPSK	1	271		13.88			
100	QPSK	135	0		13.82		14.7	0.0
100	QPSK	135	69		13.93			
100	QPSK	135	138		13.82			
100	QPSK	270	0		13.91		14.7	0.0
100	16QAM	1	1		13.81		14.7	0.0
100	64QAM	1	1		13.88		14.7	0.0
100	256QAM	1	1		13.93		14.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	13.86	13.84	13.85	14.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	13.91	13.90	13.81	14.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.95	13.94	13.83	14.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	13.81	13.86	13.91	14.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	13.85	13.86	13.94	14.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.83	13.86	13.86	14.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	13.85	13.84	13.95	14.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	13.92	13.89	13.86	14.7	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.51		14.7	0.0
100	PI/2 BPSK	1	137		13.54			
100	PI/2 BPSK	1	271		13.48			
100	PI/2 BPSK	135	0		13.59		14.7	0.0
100	PI/2 BPSK	135	69		13.53		14.7	0.0
100	PI/2 BPSK	135	138		13.57		14.7	0.0
100	PI/2 BPSK	270	0		13.53			
100	QPSK	1	1		13.62		14.7	0.0
100	QPSK	1	137		13.47			
100	QPSK	1	271		13.55			
100	QPSK	135	0		13.52		14.7	0.0
100	QPSK	135	69		13.60			
100	QPSK	135	138		13.50			
100	QPSK	270	0		13.58		14.7	0.0
100	16QAM	1	1		13.49		14.7	0.0
100	64QAM	1	1		13.57		14.7	0.0
100	256QAM	1	1		13.54		14.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	13.51	13.49	13.61	14.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	13.60	13.51	13.51	14.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	13.53	13.47	13.49	14.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	13.61	13.51	13.53	14.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	13.51	13.56	13.60	14.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	13.53	13.48	13.48	14.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	13.54	13.61	13.52	14.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	13.61	13.55	13.56	14.7	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.92		14.7	0.0
100	PI/2 BPSK	1	137		13.89			
100	PI/2 BPSK	1	271		13.81			
100	PI/2 BPSK	135	0		13.81		14.7	0.0
100	PI/2 BPSK	135	69		13.88		14.7	0.0
100	PI/2 BPSK	135	138		13.93		14.7	0.0
100	PI/2 BPSK	270	0		13.86			
100	QPSK	1	1		13.96		14.7	0.0
100	QPSK	1	137		13.84			
100	QPSK	1	271		13.88			
100	QPSK	135	0		13.82		14.7	0.0
100	QPSK	135	69		13.93			
100	QPSK	135	138		13.82			
100	QPSK	270	0		13.91		14.7	0.0
100	16QAM	1	1		13.81		14.7	0.0
100	64QAM	1	1		13.88		14.7	0.0
100	256QAM	1	1		13.93		14.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	13.86	13.84	13.85	14.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	13.91	13.90	13.81	14.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.95	13.94	13.83	14.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	13.81	13.86	13.91	14.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	13.85	13.86	13.94	14.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.83	13.86	13.86	14.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	13.85	13.84	13.95	14.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	13.92	13.89	13.86	14.7	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		12.81		14.7	0.0
100	PI/2 BPSK	1	137		12.83			
100	PI/2 BPSK	1	271		12.75			
100	PI/2 BPSK	135	0		12.83		14.7	0.0
100	PI/2 BPSK	135	69		12.78		14.7	0.0
100	PI/2 BPSK	135	138		12.82		14.7	0.0
100	PI/2 BPSK	270	0		12.80			
100	QPSK	1	1		12.88		14.7	0.0
100	QPSK	1	137		12.83			
100	QPSK	1	271		12.80			
100	QPSK	135	0		12.74		14.7	0.0
100	QPSK	135	69		12.84			
100	QPSK	135	138		12.84			
100	QPSK	270	0		12.78		14.7	0.0
100	16QAM	1	1		12.73		14.7	0.0
100	64QAM	1	1		12.87		14.7	0.0
100	256QAM	1	1		12.80		14.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	12.83	12.76	12.86	14.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	12.85	12.85	12.81	14.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	12.73	12.77	12.84	14.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	12.76	12.84	12.82	14.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	12.73	12.86	12.73	14.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	12.86	12.76	12.80	14.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	12.75	12.73	12.73	14.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	12.75	12.86	12.73	14.7	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.41		14.7	0.0
100	PI/2 BPSK	1	137		13.35			
100	PI/2 BPSK	1	271		13.43			
100	PI/2 BPSK	135	0		13.35		14.7	0.0
100	PI/2 BPSK	135	69		13.35		14.7	0.0
100	PI/2 BPSK	135	138		13.34		14.7	0.0
100	PI/2 BPSK	270	0		13.34			
100	QPSK	1	1		13.45		14.7	0.0
100	QPSK	1	137		13.42			
100	QPSK	1	271		13.37			
100	QPSK	135	0		13.42		14.7	0.0
100	QPSK	135	69		13.40			
100	QPSK	135	138		13.38			
100	QPSK	270	0		13.37		14.7	0.0
100	16QAM	1	1		13.44		14.7	0.0
100	64QAM	1	1		13.30		14.7	0.0
100	256QAM	1	1		13.43		14.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	13.16	13.27	13.26	14.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	13.18	13.20	13.30	14.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.28	13.20	13.29	14.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	13.18	13.20	13.21	14.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	13.18	13.20	13.25	14.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.23	13.20	13.28	14.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	13.22	13.18	13.26	14.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	13.17	13.30	13.24	14.7	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		12.81		14.7	0.0
100	PI/2 BPSK	1	137		12.83			
100	PI/2 BPSK	1	271		12.75			
100	PI/2 BPSK	135	0		12.83		14.7	0.0
100	PI/2 BPSK	135	69		12.78		14.7	0.0
100	PI/2 BPSK	135	138		12.82		14.7	0.0
100	PI/2 BPSK	270	0		12.80			
100	QPSK	1	1		12.88		14.7	0.0
100	QPSK	1	137		12.83			
100	QPSK	1	271		12.80			
100	QPSK	135	0		12.74		14.7	0.0
100	QPSK	135	69		12.84			
100	QPSK	135	138		12.84			
100	QPSK	270	0		12.78		14.7	0.0
100	16QAM	1	1		12.73		14.7	0.0
100	64QAM	1	1		12.87		14.7	0.0
100	256QAM	1	1		12.80		14.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	12.83	12.76	12.86	14.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	12.85	12.85	12.81	14.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	12.73	12.77	12.84	14.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	12.76	12.84	12.82	14.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	12.73	12.86	12.73	14.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	12.86	12.76	12.80	14.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	12.75	12.73	12.73	14.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	12.75	12.86	12.73	14.7	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.41		14.7	0.0
100	PI/2 BPSK	1	137		13.35			
100	PI/2 BPSK	1	271		13.43			
100	PI/2 BPSK	135	0		13.35		14.7	0.0
100	PI/2 BPSK	135	69		13.35		14.7	0.0
100	PI/2 BPSK	135	138		13.34		14.7	0.0
100	PI/2 BPSK	270	0		13.34			
100	QPSK	1	1		13.45		14.7	0.0
100	QPSK	1	137		13.42			
100	QPSK	1	271		13.37			
100	QPSK	135	0		13.42		14.7	0.0
100	QPSK	135	69		13.40			
100	QPSK	135	138		13.38			
100	QPSK	270	0		13.37		14.7	0.0
100	16QAM	1	1		13.44		14.7	0.0
100	64QAM	1	1		13.30		14.7	0.0
100	256QAM	1	1		13.43		14.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	13.16	13.27	13.26	14.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	13.18	13.20	13.30	14.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.28	13.20	13.29	14.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	13.18	13.20	13.21	14.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	13.18	13.20	13.25	14.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.23	13.20	13.28	14.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	13.22	13.18	13.26	14.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	13.17	13.30	13.24	14.7	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.75		18.7	0.0
100	PI/2 BPSK	1	137		17.65			
100	PI/2 BPSK	1	271		17.79			
100	PI/2 BPSK	135	0		17.76		18.7	0.0
100	PI/2 BPSK	135	69		17.78		18.7	0.0
100	PI/2 BPSK	135	138		17.77		18.7	0.0
100	PI/2 BPSK	270	0		17.66			
100	QPSK	1	1		17.80		18.7	0.0
100	QPSK	1	137		17.72			
100	QPSK	1	271		17.75			
100	QPSK	135	0		17.67		18.7	0.0
100	QPSK	135	69		17.76			
100	QPSK	135	138		17.66			
100	QPSK	270	0		17.70			
100	16QAM	1	1		17.70		18.7	0.0
100	64QAM	1	1		17.78		18.7	0.0
100	256QAM	1	1		17.68		18.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.72	17.67	17.74	18.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.78	17.73	17.73	18.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.77	17.72	17.77	18.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.66	17.75	17.71	18.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.66	17.67	17.74	18.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.78	17.78	17.78	18.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.77	17.75	17.78	18.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.74	17.68	17.72	18.7	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.08		18.7	0.0
100	PI/2 BPSK	1	137		18.16			
100	PI/2 BPSK	1	271		18.16			
100	PI/2 BPSK	135	0		18.10		18.7	0.0
100	PI/2 BPSK	135	69		18.17		18.7	0.0
100	PI/2 BPSK	135	138		18.17		18.7	0.0
100	PI/2 BPSK	270	0		18.17			
100	QPSK	1	1		18.22		18.7	0.0
100	QPSK	1	137		18.09			
100	QPSK	1	271		18.09			
100	QPSK	135	0		18.09		18.7	0.0
100	QPSK	135	69		18.20			
100	QPSK	135	138		18.12			
100	QPSK	270	0		18.17		18.7	0.0
100	16QAM	1	1		18.09		18.7	0.0
100	64QAM	1	1		18.08		18.7	0.0
100	256QAM	1	1		18.14		18.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	17.94	18.20	18.15	18.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	18.04	18.15	18.05	18.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.95	18.18	18.13	18.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	18.02	18.20	18.12	18.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	17.99	18.09	18.05	18.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.94	18.17	18.12	18.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	18.03	18.12	18.11	18.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.93	18.10	18.15	18.7	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.75		18.7	0.0
100	PI/2 BPSK	1	137		17.65			
100	PI/2 BPSK	1	271		17.79			
100	PI/2 BPSK	135	0		17.76		18.7	0.0
100	PI/2 BPSK	135	69		17.78		18.7	0.0
100	PI/2 BPSK	135	138		17.77		18.7	0.0
100	PI/2 BPSK	270	0		17.66			
100	QPSK	1	1		17.80		18.7	0.0
100	QPSK	1	137		17.72			
100	QPSK	1	271		17.75			
100	QPSK	135	0		17.67		18.7	0.0
100	QPSK	135	69		17.76			
100	QPSK	135	138		17.66			
100	QPSK	270	0		17.70		18.7	0.0
100	16QAM	1	1		17.70		18.7	0.0
100	64QAM	1	1		17.78		18.7	0.0
100	256QAM	1	1		17.68		18.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	17.72	17.67	17.74	18.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	17.78	17.73	17.73	18.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	17.77	17.72	17.77	18.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	17.66	17.75	17.71	18.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	17.66	17.67	17.74	18.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	17.78	17.78	17.78	18.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.77	17.75	17.78	18.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.74	17.68	17.72	18.7	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.08		18.7	0.0
100	PI/2 BPSK	1	137		18.16			
100	PI/2 BPSK	1	271		18.16			
100	PI/2 BPSK	135	0		18.10		18.7	0.0
100	PI/2 BPSK	135	69		18.17		18.7	0.0
100	PI/2 BPSK	135	138		18.17		18.7	0.0
100	PI/2 BPSK	270	0		18.17			
100	QPSK	1	1		18.22		18.7	0.0
100	QPSK	1	137		18.09			
100	QPSK	1	271		18.09			
100	QPSK	135	0		18.09		18.7	0.0
100	QPSK	135	69		18.20			
100	QPSK	135	138		18.12			
100	QPSK	270	0		18.17		18.7	0.0
100	16QAM	1	1		18.09		18.7	0.0
100	64QAM	1	1		18.08		18.7	0.0
100	256QAM	1	1		18.14		18.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	17.94	18.20	18.15	18.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	18.04	18.15	18.05	18.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.95	18.18	18.13	18.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	18.02	18.20	18.12	18.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	17.99	18.09	18.05	18.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.94	18.17	18.12	18.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	18.03	18.12	18.11	18.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	17.93	18.10	18.15	18.7	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		12.04		13.7	0.0
100	PI/2 BPSK	1	137		12.04			
100	PI/2 BPSK	1	271		12.06			
100	PI/2 BPSK	135	0		12.03		13.7	0.0
100	PI/2 BPSK	135	69		12.08		13.7	0.0
100	PI/2 BPSK	135	138		11.99		13.7	0.0
100	PI/2 BPSK	270	0		12.03			
100	QPSK	1	1		12.10		13.7	0.0
100	QPSK	1	137		11.97			
100	QPSK	1	271		12.00			
100	QPSK	135	0		12.08		13.7	0.0
100	QPSK	135	69		12.09			
100	QPSK	135	138		11.97			
100	QPSK	270	0		11.95		13.7	0.0
100	16QAM	1	1		12.03		13.7	0.0
100	64QAM	1	1		12.03		13.7	0.0
100	256QAM	1	1		12.06		13.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	11.95	12.00	12.03	13.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	12.03	12.02	11.95	13.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	12.05	12.03	12.07	13.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	12.03	12.03	12.04	13.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	12.07	12.09	11.97	13.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	11.96	11.99	11.97	13.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	12.05	12.07	11.98	13.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	12.05	12.01	12.04	13.7	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		12.48		13.7	0.0
100	PI/2 BPSK	1	137		12.53			
100	PI/2 BPSK	1	271		12.46			
100	PI/2 BPSK	135	0		12.53		13.7	0.0
100	PI/2 BPSK	135	69		12.49		13.7	0.0
100	PI/2 BPSK	135	138		12.43		13.7	0.0
100	PI/2 BPSK	270	0		12.51			
100	QPSK	1	1		12.57		13.7	0.0
100	QPSK	1	137		12.55			
100	QPSK	1	271		12.50			
100	QPSK	135	0		12.54		13.7	0.0
100	QPSK	135	69		12.55			
100	QPSK	135	138		12.51			
100	QPSK	270	0		12.50		13.7	0.0
100	16QAM	1	1		12.47		13.7	0.0
100	64QAM	1	1		12.50		13.7	0.0
100	256QAM	1	1		12.53		13.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	12.49	12.44	12.38	13.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	12.41	12.35	12.43	13.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	12.46	12.31	12.40	13.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	12.51	12.36	12.39	13.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	12.50	12.44	12.37	13.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	12.45	12.43	12.37	13.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	12.48	12.43	12.35	13.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	12.44	12.40	12.33	13.7	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		12.04		13.7	0.0
100	PI/2 BPSK	1	137		12.04			
100	PI/2 BPSK	1	271		12.06			
100	PI/2 BPSK	135	0		12.03		13.7	0.0
100	PI/2 BPSK	135	69		12.08		13.7	0.0
100	PI/2 BPSK	135	138		11.99		13.7	0.0
100	PI/2 BPSK	270	0		12.03			
100	QPSK	1	1		12.10		13.7	0.0
100	QPSK	1	137		11.97			
100	QPSK	1	271		12.00			
100	QPSK	135	0		12.08		13.7	0.0
100	QPSK	135	69		12.09			
100	QPSK	135	138		11.97			
100	QPSK	270	0		11.95		13.7	0.0
100	16QAM	1	1		12.03		13.7	0.0
100	64QAM	1	1		12.03		13.7	0.0
100	256QAM	1	1		12.06		13.7	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	11.95	12.00	12.03	13.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	12.03	12.02	11.95	13.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	12.05	12.03	12.07	13.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	12.03	12.03	12.04	13.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	12.07	12.09	11.97	13.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	11.96	11.99	11.97	13.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	12.05	12.07	11.98	13.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	12.05	12.01	12.04	13.7	0.0

Part27O_n78(HPUE)_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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		12.48		13.7	0.0
100	PI/2 BPSK	1	137		12.53			
100	PI/2 BPSK	1	271		12.46			
100	PI/2 BPSK	135	0		12.53		13.7	0.0
100	PI/2 BPSK	135	69		12.49		13.7	0.0
100	PI/2 BPSK	135	138		12.43		13.7	0.0
100	PI/2 BPSK	270	0		12.51			
100	QPSK	1	1		12.57		13.7	0.0
100	QPSK	1	137		12.55			
100	QPSK	1	271		12.50			
100	QPSK	135	0		12.54		13.7	0.0
100	QPSK	135	69		12.55			
100	QPSK	135	138		12.51			
100	QPSK	270	0		12.50		13.7	0.0
100	16QAM	1	1		12.47		13.7	0.0
100	64QAM	1	1		12.50		13.7	0.0
100	256QAM	1	1		12.53		13.7	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	12.49	12.44	12.38	13.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	12.41	12.35	12.43	13.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	12.46	12.31	12.40	13.7	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	12.51	12.36	12.39	13.7	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	12.50	12.44	12.37	13.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	12.45	12.43	12.37	13.7	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	12.48	12.43	12.35	13.7	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	12.44	12.40	12.33	13.7	0.0

	Mode	Channel	Frequency (MHz)	Default/Full		Head Standalone		Head_Simultaneous WWAN+BT 2.4G+BT 5/6G+BT		Head_Simultaneous 2.4G+5/6G+BT WWAN+2.4G+BT WWAN+5/6G+BT WWAN+2.4G+5/6G+BT		Hotspot/Body worn_Standalone Simultaneous WWAN+BT 2.4G+BT 5/6G+BT		Hotspot/Body worn_Simultaneous 2.4G+5/6G+BT WWAN+2.4G+BT WWAN+5/6G+BT WWAN+2.4G+5/6G+BT		Duty Cycle %
				Ant 12		Ant 12		Ant 12		Ant 12		Ant 12		Ant 12		
				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	
Bluetooth	BR / EDR 1Mbps	0	2402	18.70	19.00	17.70	18.00	15.20	15.50	10.60	11.00	18.70	19.00	14.70	15.00	76.97%
		39	2441	18.90	19.00	17.90	18.00	15.40	15.50	10.80	11.00	18.90	19.00	14.90	15.00	
		78	2480	16.80	18.00	15.80	17.00	13.30	14.50	8.70	10.00	16.80	18.00	12.80	14.00	
	BR / EDR 2Mbps	0	2402	16.00	17.00	15.00	16.00	12.50	13.50	7.90	9.00	16.00	17.00	12.00	13.00	76.97%
		39	2441	16.50	17.50	15.50	16.50	13.00	14.00	8.40	9.50	16.50	17.50	12.50	13.50	
		78	2480	14.30	16.00	13.30	15.00	10.80	12.50	6.20	8.00	14.30	16.00	10.30	12.00	
	BR / EDR 3Mbps	0	2402	16.10	17.00	15.10	16.00	12.60	13.50	8.00	9.00	16.10	17.00	12.10	13.00	76.84%
		39	2441	16.60	17.50	15.60	16.50	13.10	14.00	8.50	9.50	16.60	17.50	12.60	13.50	
		78	2480	14.40	16.00	13.40	15.00	10.90	12.50	6.30	8.00	14.40	16.00	10.40	12.00	
	LE 1Mbps	0	2402	11.40	12.50	11.40	12.50	11.40	12.50	Not Required	4.50	11.40	12.50	11.40	12.50	61.81%
		19	2440	11.50	13.00	11.50	13.00	11.50	13.00		5.00	11.50	13.00	11.50	13.00	
		39	2480	10.10	11.50	10.10	11.50	10.10	11.50		3.50	10.10	11.50	10.10	11.50	
	LE 2Mbps	1	2404	11.90	12.50	11.90	12.50	11.90	12.50		4.50	11.90	12.50	11.90	12.50	31.94%
		19	2440	11.90	13.00	11.90	13.00	11.90	13.00		5.00	11.90	13.00	11.90	13.00	
		38	2478	10.40	11.50	10.40	11.50	10.40	11.50		3.50	10.40	11.50	10.40	11.50	
	LE 125Kbps	0	2402	11.50	12.50	11.50	12.50	11.50	12.50		4.50	11.50	12.50	11.50	12.50	82.41%
		19	2440	11.60	13.00	11.60	13.00	11.60	13.00		5.00	11.60	13.00	11.60	13.00	
		39	2480	10.30	11.50	10.30	11.50	10.30	11.50		3.50	10.30	11.50	10.30	11.50	
	LE 500Kbps	0	2402	11.40	12.50	11.40	12.50	11.40	12.50		4.50	11.40	12.50	11.40	12.50	56.48%
		19	2440	11.50	13.00	11.50	13.00	11.50	13.00		5.00	11.50	13.00	11.50	13.00	
		39	2480	10.20	11.50	10.20	11.50	10.20	11.50		3.50	10.20	11.50	10.20	11.50	

<WLAN 2.4GHz>

	Mode	Channel	Frequency (MHz)	RU Size	RU Index	DefaultFull						Head Standalone Simultaneous 2.4G+5G/6G						Head Simultaneous 2.4G+BT 2.4G+5G/6G+BT						Head Simultaneous 2.4G+WWAN 2.4G+WWAN+5G/6G						Head Simultaneous 2.4G+WWAN+BT					
						Ant 12		Ant 7		Ant 12+7		Ant 12		Ant 7		Ant 12+7		Ant 12		Ant 7		Ant 12+7		Ant 12		Ant 7		Ant 12+7		Ant 12		Ant 7		Ant 12+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
2.4GHz WLAN	802.11b 1Mbps	1	2412	Full	N/A	20.70	21.00	20.60	21.00	23.66	**24.0**	13.68	14.50	13.80	14.50	16.75	**17.5**	11.76	12.50	11.76	12.50	14.77	**15.5**	11.26	12.00	11.28	12.00	14.28	**15.0**	10.21	11.00	10.25	11.00	13.24	**14.0**
		6	2437	Full	N/A	23.10	24.00	23.10	24.00	26.11	**27.0**	13.71	14.50	13.85	14.50	16.79	**17.5**	11.82	12.50	11.85	12.50	14.85	**15.5**	11.31	12.00	11.33	12.00	14.33	**15.0**	10.27	11.00	10.29	11.00	13.29	**14.0**
		11	2462	Full	N/A	20.70	21.00	20.50	21.00	23.61	**24.0**	13.63	14.50	13.76	14.50	16.71	**17.5**	11.72	12.50	11.73	12.50	14.74	**15.5**	11.21	12.00	11.22	12.00	14.23	**15.0**	10.18	11.00	10.22	11.00	13.21	**14.0**
	802.11g 6Mbps	1	2412	Full	N/A	19.20	20.00	19.10	20.00	22.16	**23.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		2	2417	Full	N/A	19.70	20.00	19.40	20.00	22.56	**23.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		3	2422	Full	N/A	21.10	22.00	21.20	22.00	24.16	**25.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		6	2437	Full	N/A	23.90	25.50	23.80	25.50	26.86	**28.5**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		9	2452	Full	N/A	22.40	24.00	22.00	24.00	25.21	**27.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		10	2457	Full	N/A	20.30	21.00	19.60	21.00	22.97	**24.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		11	2462	Full	N/A	20.10	21.00	20.00	21.00	23.06	**24.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
	802.11n-HT20 MCS0	1	2412	Full	N/A		20.00		20.00		**23.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		2	2417	Full	N/A		20.00		20.00		**23.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		3	2422	Full	N/A		22.00		22.00		**25.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		6	2437	Full	N/A		25.50		25.50		**28.5**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		9	2452	Full	N/A		24.00		24.00		**27.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		10	2457	Full	N/A		21.00		21.00		**24.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		11	2462	Full	N/A		21.00		21.00		**24.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
	802.11n-HT40 MCS0	3	2422	Full	N/A		20.00		20.00		**23.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		6	2437	Full	N/A		21.50		21.50		**24.5**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		7	2442	Full	N/A		20.50		20.50		**23.5**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		8	2447	Full	N/A		20.00		20.00		**23.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		9	2452	Full	N/A	Not Required	18.00	Not Required	18.00	Not Required	**21.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
	802.11ac-VHT20 MCS0	1	2412	Full	N/A		20.00		20.00		**23.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		2	2417	Full	N/A		20.00		20.00		**23.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		3	2422	Full	N/A		22.00		22.00		**25.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		6	2437	Full	N/A		25.50		25.50		**28.5**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		9	2452	Full	N/A		24.00		24.00		**27.0**	Not Required	14.50	Not Required	14.50	Not Required	**17.5**	Not Required	12.50	Not Required	12.50	Not Required	**15.5**	Not Required	12.00	Not Required	12.00	Not Required	**15.0**	Not Required	11.00	Not Required	11.00	Not Required	**14.0**
		10	2457	Full	N/A		21.00		21.00		**24.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		11	2462	Full	N/A		21.00		21.00		**24.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
	802.11ac-VHT40 MCS0	3	2422	Full	N/A		20.00		20.00		**23.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		6	2437	Full	N/A		21.50		21.50		**24.5**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		7	2442	Full	N/A		20.50		20.50		**23.5**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		8	2447	Full	N/A		20.00		20.00		**23.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		9	2452	Full	N/A		18.00		18.00		**21.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
	802.11ax-HE20 MCS0	1	2412	Full	N/A	19.30	20.00	19.20	20.00	22.26	**23.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
				26Tone	RU0	8.67	9.00	7.54	9.00	11.15	**12.0**		9.00		9.00		**12.0**		9.00		9.00		**12.0**		9.00		9.00		**12.0**		9.00		9.00		**12.0**
				52Tone	RU37	11.85	12.00	10.76	12.00	14.35	**15.0**		12.00		12.00		**15.0**		12.00		12.00		**15.0**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
				106Tone	RU53	14.83	15.00	14.44	15.00	17.65	**18.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		2	2417	Full	N/A	19.20	20.00	19.20	20.00	22.21	**23.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		3	2422	Full	N/A	21.10	22.00	20.90	22.00	24.01	**25.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		6	2437	Full	N/A	24.00	25.50	23.80	25.50	26.91	**28.5**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		9	2452	Full	N/A	22.60	24.00	22.30	24.00	25.46	**27.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		10	2457	Full	N/A	20.40	21.00	19.70	21.00	23.07	**24.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		11	2462	Full	N/A	20.10	21.00	19.80	21.00	22.96	**24.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
				26Tone	RU8	8.42	9.00	8.29	9.00	11.37	**12.0**		9.00		9.00		**12.0**		9.00		9.00		**12.0**		9.00		9.00		**12.0**		9.00		9.00		**12.0**
				52Tone	RU40	11.74	12.00	11.41	12.00	14.59	**15.0**		12.00		12.00		**15.0**		12.00		12.00		**15.0**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
				106Tone	RU54	14.74	15.00	13.09	15.00	17.00	**18.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
	802.11ax-HE40 MCS0	3	2422	Full	N/A	19.10	20.00	19.40	20.00	22.26	**23.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		6	2437	Full	N/A	20.40	21.50	20.20	21.50	23.31	**24.5**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		7	2442	Full	N/A	19.50	20.50	19.30	20.50	22.41	**23.5**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		8	2447	Full	N/A	19.00	20.00	18.80	20.00	21.91	**23.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**
		9	2452	Full	N/A	17.30	18.00	17.10	18.00	20.21	**21.0**		14.50		14.50		**17.5**		12.50		12.50		**15.5**		12.00		12.00		**15.0**		11.00		11.00		**14.0**

<WLAN 2.4GHz>

	Mode	Channel	Frequency (MHz)	Head Simultaneous 2.4G+WWAN+5G/6G+BT						Hotspot/Extremity/Body worn Standalone Simultaneous 2.4G+5G/6G						Hotspot/Extremity/Body worn Simultaneous 2.4G+BT 2.4G+5G/6G+BT 2.4G+WWAN 2.4G+WWAN+5G/6G						Hotspot/Extremity/Body worn Simultaneous 2.4G+WWAN+BT						Hotspot/Extremity/Body worn Simultaneous 2.4G+WWAN+5G/6G+BT						Duty Cycle %
				Ant 12		Ant 7		Ant 12+7		Ant 12		Ant 7		Ant 12+7		Ant 12		Ant 7		Ant 12+7		Ant 12		Ant 7		Ant 12+7		Ant 12		Ant 7		Ant 12+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	
2.4GHz WLAN	802.11b 1Mbps	1	2412	9.18	10.00	9.16	10.00	12.18	13.0	17.75	18.50	17.73	18.50	20.75	21.5	15.29	16.00	15.29	16.00	18.30	19.0	14.22	15.00	14.27	15.00	17.26	18.0	13.82	14.50	13.73	14.50	16.79	17.5	100.00
		6	2437	9.21	10.00	9.31	10.00	12.27	13.0	17.81	18.50	17.87	18.50	20.85	21.5	15.38	16.00	15.37	16.00	18.39	19.0	14.32	15.00	14.35	15.00	17.35	18.0	13.89	14.50	13.77	14.50	16.84	17.5	
		11	2462	9.16	10.00	9.18	10.00	12.18	13.0	17.71	18.50	17.75	18.50	20.74	21.5	15.31	16.00	15.31	16.00	18.32	19.0	14.28	15.00	14.22	15.00	17.26	18.0	13.76	14.50	13.68	14.50	16.73	17.5	
	802.11g 6Mbps	1	2412	Not Required	10.00	Not Required	10.00	Not Required	13.0	Not Required	18.50	Not Required	18.50	Not Required	21.5	Not Required	16.00	Not Required	16.00	Not Required	19.0	Not Required	15.00	Not Required	15.00	Not Required	18.0	Not Required	14.50	Not Required	14.50	Not Required	17.5	96.97
		2	2417		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		3	2422		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		6	2437		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		9	2452		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		10	2457		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		11	2462		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
	802.11n-HT20 MCS0	1	2412		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	95.89
		2	2417		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		3	2422		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		6	2437		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		9	2452		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		10	2457		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		11	2462		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
	802.11n-HT40 MCS0	3	2422		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	92.50
		6	2437		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		7	2442		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		8	2447		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		9	2452		10.00		10.00		13.0		18.00		18.00		21.0		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
	802.11ac-VHT20 MCS0	1	2412		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	95.89
		2	2417		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		3	2422		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		6	2437		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		9	2452		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		10	2457		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		11	2462		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
	802.11ac-VHT40 MCS0	3	2422		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	92.50
		6	2437		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		7	2442		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		8	2447		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		9	2452		10.00		10.00		13.0		18.00		18.00		21.0		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
	802.11ax-HE20 MCS0	1	2412		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	95.89
					9.00		9.00		12.0		9.00		9.00		12.0		9.00		9.00		12.0		9.00		9.00		12.0		9.00		9.00		12.0	
					10.00		10.00		13.0		12.00		12.00		15.0		12.00		12.00		15.0		12.00		12.00		15.0		12.00		12.00		15.0	
					10.00		10.00		13.0		15.00		15.00		18.0		15.00		15.00		18.0		15.00		15.00		18.0		14.50		14.50		17.5	
		2	2417		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		3	2422		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		6	2437		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		9	2452		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		10	2457		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		11	2462		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
					9.00		9.00		12.0		9.00		9.00		12.0		9.00		9.00		12.0		9.00		9.00		12.0		9.00		9.00		12.0	
					10.00		10.00		13.0		12.00		12.00		15.0		12.00		12.00		15.0		12.00		12.00		15.0		12.00		12.00		15.0	
					10.00		10.00		13.0		15.00		15.00		18.0		15.00		15.00		18.0		15.00		15.00		18.0		14.50		14.50		17.5	
	802.11ax-HE40 MCS0	3	2422		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	92.50
		6	2437		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		7	2442		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		8	2447		10.00		10.00		13.0		18.50		18.50		21.5		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	
		9	2452		10.00		10.00		13.0		18.00		18.00		21.0		16.00		16.00		19.0		15.00		15.00		18.0		14.50		14.50		17.5	

<WLAN 5GHz>

	Mode	Channel	Frequency (MHz)	RU Size	RU Index	Default/Full						Head Standalone						Head Simultaneous 2.4G+5G/6G 5G/6G+BT 2.4G+5G/6G+BT						Head Simultaneous 5G/6G+WWAN 5G/6GG+WWAN+BT 2.4G+WWAN+5G/6G 2.4G+WWAN+5G/6G+BT					
						Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8	
						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	Full	N/A	14.68	16.50	14.86	16.50	17.78	**19.5**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		40	5200	Full	N/A	14.61	16.50	14.79	16.50	17.71	**19.5**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		44	5220	Full	N/A	14.18	16.00	14.58	16.00	17.39	**19.0**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		48	5240	Full	N/A	13.67	15.50	14.24	15.50	16.97	**18.5**	Not Required	15.50	Not Required	15.50	Not Required	**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
	802.11n-HT20 MCS0	36	5180	Full	N/A	14.65	16.50	14.82	16.50	17.75	**19.5**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		40	5200	Full	N/A	14.62	16.50	14.82	16.50	17.73	**19.5**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		44	5220	Full	N/A	14.14	16.00	14.57	16.00	17.37	**19.0**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		48	5240	Full	N/A	13.62	15.50	14.21	15.50	16.94	**18.5**		15.50		15.50		**18.5**	Not Required	13.50	Not Required	13.50	Not Required	**16.5**	Not Required	9.50	Not Required	9.50	Not Required	**12.5**
	802.11n-HT40 MCS0	38	5190	Full	N/A	13.01	14.50	13.02	14.50	16.03	**17.5**	13.01	14.50	13.02	14.50	16.03	**17.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		46	5230	Full	N/A	14.02	15.50	14.41	15.50	17.23	**18.5**	14.02	15.50	14.41	15.50	17.23	**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
	802.11ac-VHT20 MCS0	36	5180	Full	N/A	14.64	16.50	14.81	16.50	17.74	**19.5**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		40	5200	Full	N/A	14.61	16.50	14.83	16.50	17.72	**19.5**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		44	5220	Full	N/A	14.12	16.00	14.55	16.00	17.35	**19.0**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		48	5240	Full	N/A	13.60	15.50	14.20	15.50	16.92	**18.5**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
	802.11ac-VHT40 MCS0	38	5190	Full	N/A	13.01	14.50	13.01	14.50	16.02	**17.5**		14.50		14.50		**17.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		46	5230	Full	N/A	14.01	15.50	14.40	15.50	17.22	**18.5**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
	802.11ac-VHT80 MCS0	42	5210	Full	N/A	12.11	14.00	12.18	14.00	15.15	**17.0**		14.00		14.00		**17.0**	11.62	13.50	11.59	13.50	14.62	**16.5**	7.56	9.50	7.63	9.50	10.61	**12.5**
	802.11ax-HE20 MCS0	36	5180	Full	N/A	14.68	16.50	14.87	16.50	17.79	**19.5**	Not Required	15.50	Not Required	15.50	Not Required	**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
				26Tone	RU0	6.72	8.50	7.29	8.50	10.02	**11.5**		8.50		8.50		**11.5**		8.50		8.50		**11.5**		8.50		8.50		**11.5**
				52Tone	RU37	9.82	11.50	10.29	11.50	13.07	**14.5**		11.50		11.50		**14.5**		11.50		11.50		**14.5**		9.50		9.50		**12.5**
				106Tone	RU53	12.88	14.50	13.48	14.50	16.20	**17.5**		14.50		14.50		**17.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		40	5200	Full	N/A	14.64	16.50	14.85	16.50	17.76	**19.5**		15.50		15.50		**18.5**	Not Required	13.50	Not Required	13.50	Not Required	**16.5**	Not Required	9.50	Not Required	9.50	Not Required	**12.5**
		44	5220	Full	N/A	14.17	16.00	14.64	16.00	17.42	**19.0**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		48	5240	Full	N/A	13.66	15.50	14.26	15.50	16.98	**18.5**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
	802.11ax-HE40 MCS0	38	5190	Full	N/A	13.02	14.50	13.03	14.50	16.03	**17.5**		14.50		14.50		**17.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		46	5230	Full	N/A	14.03	15.50	14.45	15.50	17.25	**18.5**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
	802.11ax-HE80 MCS0	42	5210	Full	N/A	12.02	14.00	12.22	14.00	15.13	**17.0**		14.00		14.00		**17.0**		13.50		13.50		**16.5**		9.50		9.50		**12.5**

<WLAN 5GHz>

	Mode	Channel	Frequency (MHz)	RU Size	RU Index	Default/Full						Head Standalone						Head Simultaneous 2.4G+5G/6G 5G/6G+BT 2.4G+5G/6G+BT						Head Simultaneous 5G/6G+WWAN 5G/6GG+WWAN+BT 2.4G+WWAN+5G/6G 2.4G+WWAN+5G/6G+BT					
						Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8	
						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	Full	N/A	15.01	16.50	15.56	17.50	18.30	**20.0**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		56	5280	Full	N/A	16.00	17.50	16.52	17.50	19.27	**20.5**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		60	5300	Full	N/A	12.51	14.00	13.02	14.00	15.78	**17.0**		14.00		14.00		**17.0**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		64	5320	Full	N/A	13.09	14.50	13.61	14.50	16.37	**17.5**	Not Required	14.50	Not Required	14.50	Not Required	**17.5**	Not Required	13.50	Not Required	13.50	Not Required	**16.5**		9.50		9.50		**12.5**
	802.11n-HT20 MCS0	52	5260	Full	N/A	15.01	16.50	15.52	16.50	18.29	**19.5**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		56	5280	Full	N/A	15.97	17.50	16.51	17.50	19.26	**20.5**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		60	5300	Full	N/A	13.01	14.50	13.49	14.50	16.27	**17.5**		14.50		14.50		**17.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		64	5320	Full	N/A	13.60	15.00	14.12	15.00	16.88	**18.0**		15.00		15.00		**18.0**		13.50		13.50		**16.5**	Not Required	9.50	Not Required	9.50	Not Required	**12.5**
	802.11n-HT40 MCS0	54	5270	Full	N/A	15.15	16.50	15.70	16.50	18.45	**19.5**	14.23	15.50	14.75	15.50	17.51	**18.5**	12.26	13.50	12.78	13.50	15.54	**16.5**		9.50		9.50		**12.5**
		62	5310	Full	N/A	13.73	15.00	14.30	15.00	17.04	**18.0**	13.73	15.00	14.30	15.00	17.04	**18.0**	12.15	13.50	12.66	13.50	15.42	**16.5**		9.50		9.50		**12.5**
	802.11ac-VHT20 MCS0	52	5260	Full	N/A	15.01	16.50	15.49	16.50	18.27	**19.5**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		56	5280	Full	N/A	15.94	17.50	16.49	17.50	19.23	**20.5**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		60	5300	Full	N/A	13.01	14.50	13.47	14.50	16.26	**17.5**		14.50		14.50		**17.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		64	5320	Full	N/A	13.58	15.00	14.10	15.00	16.86	**18.0**		15.00		15.00		**18.0**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
	802.11ac-VHT40 MCS0	54	5270	Full	N/A	15.15	16.50	15.68	16.50	18.43	**19.5**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		62	5310	Full	N/A	13.72	15.50	14.27	15.50	17.01	**18.5**		15.00		15.00		**18.0**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
	802.11ac-VHT80 MCS0	58	5290	Full	N/A	10.01	11.50	10.49	11.50	13.26	**14.5**		11.50		11.50		**14.5**		11.50		11.50		**14.5**	8.05	9.50	8.43	9.50	11.25	**12.5**
	802.11ac-VHT160 MCS0	50	5250	Full	N/A	8.55	10.50	8.83	10.50	11.71	**13.5**		10.50		10.50		**13.5**		10.50		10.50		**13.5**		9.40		9.40		**12.4**
	802.11ax-HE20 MCS0	52	5260	Full	N/A	15.02	16.50	15.58	16.50	18.32	**19.5**	Not Required	15.50	Not Required	15.50	Not Required	**18.5**	Not Required	13.50	Not Required	13.50	Not Required	**16.5**		9.50		9.50		**12.5**
		56	5280	Full	N/A	16.01	17.50	16.52	17.50	19.28	**20.5**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		60	5300	Full	N/A	13.02	14.50	13.56	14.50	16.31	**17.5**		14.50		14.50		**17.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		64	5320	Full	N/A	13.62	15.00	14.16	15.00	16.91	**18.0**		15.00		15.00		**18.0**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
				26Tone	RU8	6.55	8.50	7.30	8.50	9.96	**11.5**		8.50		8.50		**11.5**		8.50		8.50		**11.5**	Not Required	8.50	Not Required	8.50	Not Required	**11.5**
				52Tone	RU40	9.65	11.50	10.51	11.50	13.11	**14.5**		11.50		11.50		**14.5**		11.50		11.50		**14.5**		9.50		9.50		**12.5**
				106Tone	RU54	12.55	14.50	13.63	14.50	16.13	**17.5**		14.50		14.50		**17.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
	802.11ax-HE40 MCS0	54	5270	Full	N/A	15.19	16.50	15.76	16.50	18.49	**19.5**		15.50		15.50		**18.5**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
		62	5310	Full	N/A	13.78	15.00	14.35	15.00	17.08	**18.0**		15.00		15.00		**18.0**		13.50		13.50		**16.5**		9.50		9.50		**12.5**
	802.11ax-HE80 MCS0	58	5290	Full	N/A	10.02	11.50	10.55	11.50	13.31	**14.5**		11.50		11.50		**14.5**		11.50		11.50		**14.5**		9.50		9.50		**12.5**
	802.11ax-HE160 MCS0	50	5250	Full	N/A	8.59	10.50	8.86	10.50	11.74	**13.5**		10.50		10.50		**13.5**		10.50		10.50		**13.5**		9.40		9.40		**12.4**

<WLAN 5GHz>

	Mode	Channel	Frequency (MHz)	RU Size	RU Index	Default/Full						Head Standalone						Head Simultaneous 2.4G+5G/6G 5G/6G+BT 2.4G+5G/6G+BT						Head Simultaneous 5G/6G+WWAN 5G/6GG+WWAN+BT 2.4G+WWAN+5G/6G 2.4G+WWAN+5G/6G+BT					
						Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8	
						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	Full	N/A	12.76	13.50	12.42	13.50	15.60	**16.5**	12.76	13.50	12.42	13.50	15.60	**16.5**	12.76	13.50	12.42	13.50	15.60	**16.5**		12.00		12.00		**15.0**
		116	5580	Full	N/A	12.93	13.00	12.29	13.00	15.63	**16.0**	12.93	13.00	12.29	13.00	15.63	**16.0**	12.93	13.00	12.29	13.00	15.63	**16.0**		12.00		12.00		**15.0**
		124	5620	Full	N/A	12.76	13.50	12.05	13.50	15.43	**16.5**	12.76	13.50	12.05	13.50	15.43	**16.5**	12.76	13.50	12.05	13.50	15.43	**16.5**		12.00		12.00		**15.0**
		132	5660	Full	N/A	12.71	13.50	11.94	13.50	15.35	**16.5**	12.71	13.50	11.94	13.50	15.35	**16.5**	12.71	13.50	11.94	13.50	15.35	**16.5**		12.00		12.00		**15.0**
		140	5700	Full	N/A	12.19	13.00	11.62	13.00	14.92	**16.0**	12.19	13.00	11.62	13.00	14.92	**16.0**	12.19	13.00	11.62	13.00	14.92	**16.0**		12.00		12.00		**15.0**
	802.11n-HT20 MCS0	100	5500	Full	N/A	12.86	13.50	12.62	13.50	15.75	**16.5**	12.86	13.50	12.62	13.50	15.75	**16.5**	12.86	13.50	12.62	13.50	15.75	**16.5**		12.00		12.00		**15.0**
		116	5580	Full	N/A	12.42	13.50	12.84	13.50	15.65	**16.5**	12.42	13.50	12.84	13.50	15.65	**16.5**	12.42	13.50	12.84	13.50	15.65	**16.5**		12.00		12.00		**15.0**
		124	5620	Full	N/A	12.78	13.50	12.10	13.50	15.46	**16.5**	12.78	13.50	12.10	13.50	15.46	**16.5**	12.78	13.50	12.10	13.50	15.46	**16.5**		12.00		12.00		**15.0**
		132	5660	Full	N/A	12.75	13.50	11.98	13.50	15.39	**16.5**	12.75	13.50	11.98	13.50	15.39	**16.5**	12.75	13.50	11.98	13.50	15.39	**16.5**		12.00		12.00		**15.0**
		140	5700	Full	N/A	12.71	13.50	12.13	13.50	15.44	**16.5**	12.71	13.50	12.13	13.50	15.44	**16.5**	12.71	13.50	12.13	13.50	15.44	**16.5**		12.00		12.00		**15.0**
	802.11n-HT40 MCS0	102	5510	Full	N/A	15.24	15.50	15.06	15.50	18.17	**18.5**	15.24	15.50	15.06	15.50	18.17	**18.5**	15.24	15.50	15.06	15.50	18.17	**18.5**	Not Required	12.00	Not Required	12.00	Not Required	**15.0**
		110	5550	Full	N/A	15.47	15.50	15.33	15.50	18.42	**18.5**	15.47	15.50	15.33	15.50	18.42	**18.5**	15.47	15.50	15.33	15.50	18.42	**18.5**		12.00		12.00		**15.0**
		126	5630	Full	N/A	14.87	15.50	15.01	15.50	17.95	**18.5**	14.87	15.50	15.01	15.50	17.95	**18.5**	14.87	15.50	15.01	15.50	17.95	**18.5**		12.00		12.00		**15.0**
		134	5670	Full	N/A	14.92	15.50	14.29	15.50	17.63	**18.5**	14.92	15.50	14.29	15.50	17.63	**18.5**	14.92	15.50	14.29	15.50	17.63	**18.5**		12.00		12.00		**15.0**
	802.11ac-VHT20 MCS0	100	5500	Full	N/A	12.85	13.50	12.61	13.50	15.74	**16.5**	12.85	13.50	12.61	13.50	15.74	**16.5**	12.85	13.50	12.61	13.50	15.74	**16.5**		12.00		12.00		**15.0**
		116	5580	Full	N/A	12.40	13.50	12.82	13.50	15.63	**16.5**	12.40	13.50	12.82	13.50	15.63	**16.5**	12.40	13.50	12.82	13.50	15.63	**16.5**		12.00		12.00		**15.0**
		124	5620	Full	N/A	12.85	13.50	12.13	13.50	15.52	**16.5**	12.85	13.50	12.13	13.50	15.52	**16.5**	12.85	13.50	12.13	13.50	15.52	**16.5**		12.00		12.00		**15.0**
		132	5660	Full	N/A	12.81	13.50	12.10	13.50	15.48	**16.5**	12.81	13.50	12.10	13.50	15.48	**16.5**	12.81	13.50	12.10	13.50	15.48	**16.5**		12.00		12.00		**15.0**
		140	5700	Full	N/A	12.69	13.50	12.10	13.50	15.42	**16.5**	12.69	13.50	12.10	13.50	15.42	**16.5**	12.69	13.50	12.10	13.50	15.42	**16.5**		12.00		12.00		**15.0**
	802.11ac-VHT40 MCS0	102	5510	Full	N/A	15.22	15.50	15.05	15.50	18.15	**18.5**	15.22	15.50	15.05	15.50	18.15	**18.5**	15.22	15.50	15.05	15.50	18.15	**18.5**		12.00		12.00		**15.0**
		110	5550	Full	N/A	15.45	15.50	15.31	15.50	18.39	**18.5**	15.45	15.50	15.31	15.50	18.39	**18.5**	15.45	15.50	15.31	15.50	18.39	**18.5**		12.00		12.00		**15.0**
		126	5630	Full	N/A	14.91	15.50	15.08	15.50	18.01	**18.5**	14.91	15.50	15.08	15.50	18.01	**18.5**	14.91	15.50	15.08	15.50	18.01	**18.5**		12.00		12.00		**15.0**
		134	5670	Full	N/A	14.92	15.50	14.28	15.50	17.62	**18.5**	14.92	15.50	14.28	15.50	17.62	**18.5**	14.92	15.50	14.28	15.50	17.62	**18.5**		12.00		12.00		**15.0**
	802.11ac-VHT80 MCS0	106	5530	Full	N/A	10.76	11.00	10.61	11.00	13.70	**14.0**	10.76	11.00	10.61	11.00	13.70	**14.0**	10.76	11.00	10.61	11.00	13.70	**14.0**	10.76	11.00	10.61	11.00	13.70	**14.0**
		122	5610	Full	N/A	14.92	15.00	14.32	15.00	17.64	**18.0**	14.92	15.00	14.32	15.00	17.64	**18.0**	14.92	15.00	14.32	15.00	17.64	**18.0**	11.89	12.00	11.42	12.00	14.67	**15.0**
	802.11ac-VHT160 MCS0	114	5570	Full	N/A	10.90	12.00	10.42	12.00	13.68	**15.0**	10.90	12.00	10.42	12.00	13.68	**15.0**	10.90	12.00	10.42	12.00	13.68	**15.0**		11.90		11.90		**14.9**
	802.11ax-HE20 MCS0	100	5500	Full	N/A	12.90	13.50	12.69	13.50	15.81	**16.5**	12.90	13.50	12.69	13.50	15.81	**16.5**	12.90	13.50	12.69	13.50	15.81	**16.5**		12.00		12.00		**15.0**
				26Tone	RU0	8.51	9.50	8.62	9.50	11.58	**12.5**	8.51	9.50	8.62	9.50	11.58	**12.5**	8.51	9.50	8.62	9.50	11.58	**12.5**		9.50		9.50		**12.5**
				52Tone	RU37	11.55	12.50	11.49	12.50	14.53	**15.5**	11.55	12.50	11.49	12.50	14.53	**15.5**	11.55	12.50	11.49	12.50	14.53	**15.5**		12.00		12.00		**15.0**
				106Tone	RU53	11.76	12.50	11.40	12.50	14.59	**15.5**	11.76	12.50	11.40	12.50	14.59	**15.5**	11.76	12.50	11.40	12.50	14.59	**15.5**		12.00		12.00		**15.0**
		116	5580	Full	N/A	13.45	13.50	12.90	13.50	16.20	**16.5**	13.45	13.50	12.90	13.50	16.20	**16.5**	13.45	13.50	12.90	13.50	16.20	**16.5**		12.00		12.00		**15.0**
		124	5620	Full	N/A	12.88	13.50	12.15	13.50	15.54	**16.5**	12.88	13.50	12.15	13.50	15.54	**16.5**	12.88	13.50	12.15	13.50	15.54	**16.5**		12.00		12.00		**15.0**
		132	5660	Full	N/A	12.85	13.50	12.13	13.50	15.52	**16.5**	12.85	13.50	12.13	13.50	15.52	**16.5**	12.85	13.50	12.13	13.50	15.52	**16.5**		12.00		12.00		**15.0**
		140	5700	Full	N/A	12.74	13.50	12.17	13.50	15.48	**16.5**	12.74	13.50	12.17	13.50	15.48	**16.5**	12.74	13.50	12.17	13.50	15.48	**16.5**	Not Required	12.00	Not Required	12.00	Not Required	**15.0**
				26Tone	RU8	8.57	9.50	8.43	9.50	11.51	**12.5**	8.57	9.50	8.43	9.50	11.51	**12.5**	8.57	9.50	8.43	9.50	11.51	**12.5**		9.50		9.50		**12.5**
				52Tone	RU40	11.51	12.50	11.10	12.50	14.32	**15.5**	11.51	12.50	11.10	12.50	14.32	**15.5**	11.51	12.50	11.10	12.50	14.32	**15.5**		12.00		12.00		**15.0**
				106Tone	RU54	11.53	12.50	11.21	12.50	14.38	**15.5**	11.53	12.50	11.21	12.50	14.38	**15.5**	11.53	12.50	11.21	12.50	14.38	**15.5**		12.00		12.00		**15.0**
	802.11ax-HE40 MCS0	102	5510	Full	N/A	15.30	15.50	15.12	15.50	18.22	**18.5**	15.30	15.50	15.12	15.50	18.22	**18.5**	15.30	15.50	15.12	15.50	18.22	**18.5**		12.00		12.00		**15.0**
		110	5550	Full	N/A	15.48	15.50	15.37	15.50	18.43	**18.5**	15.48	15.50	15.37	15.50	18.43	**18.5**	15.48	15.50	15.37	15.50	18.43	**18.5**		12.00		12.00		**15.0**
		126	5630	Full	N/A	14.95	15.50	15.11	15.50	18.04	**18.5**	14.95	15.50	15.11	15.50	18.04	**18.5**	14.95	15.50	15.11	15.50	18.04	**18.5**		12.00		12.00		**15.0**
		134	5670	Full	N/A	14.97	15.50	14.33	15.50	17.67	**18.5**	14.97	15.50	14.33	15.50	17.67	**18.5**	14.97	15.50	14.33	15.50	17.67	**18.5**		12.00		12.00		**15.0**
	802.11ax-HE80 MCS0	106	5530	Full	N/A	10.80	11.00	10.64	11.00	13.73	**14.0**	10.80	11.00	10.64	11.00	13.73	**14.0**	10.80	11.00	10.64	11.00	13.73	**14.0**		11.00		11.00		**14.0**
		122	5610	Full	N/A	14.98	15.00	14.38	15.00	17.70	**18.0**	14.98	15.00	14.38	15.00	17.70	**18.0**	14.98	15.00	14.38	15.00	17.70	**18.0**		12.00		12.00		**15.0**
	802.11ax-HE160 MCS0	114	5570	Full	N/A	10.95	12.00	10.46	12.00	13.72	**15.0**	10.95	12.00	10.46	12.00	13.72	**15.0**	10.95	12.00	10.46	12.00	13.72	**15.0**		11.90		11.90		**14.9**

<WLAN 5GHz>

	Mode	Channel	Frequency (MHz)	RU Size	RU Index	Default/Full						Head Standalone						Head Simultaneous 2.4G+5G/6G 5G/6G+BT 2.4G+5G/6G+BT						Head Simultaneous 5G/6G+WWAN 5G/6GG+WWAN+BT 2.4G+WWAN+5G/6G 2.4G+WWAN+5G/6G+BT					
						Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8	
						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	Full	N/A	12.99	13.50	12.42	13.50	15.72	**16.5**	12.99	13.50	12.42	13.50	15.72	**16.5**		13.00		13.00		**16.0**		9.50		9.50		**12.5**
		157	5785	Full	N/A	12.12	12.50	11.76	12.50	14.95	**15.5**	12.12	12.50	11.76	12.50	14.95	**15.5**		12.50		12.50		**15.5**		9.50		9.50		**12.5**
		165	5825	Full	N/A	12.39	13.00	12.21	13.00	15.31	**16.0**	12.39	13.00	12.21	13.00	15.31	**16.0**		13.00		13.00		**16.0**		9.50		9.50		**12.5**
	802.11n-HT20 MCS0	149	5745	Full	N/A	13.00	13.50	12.48	13.50	15.76	**16.5**	13.00	13.50	12.48	13.50	15.76	**16.5**		13.00		13.00		**16.0**		9.50		9.50		**12.5**
		157	5785	Full	N/A	12.47	12.50	12.01	12.50	15.26	**15.5**	12.47	12.50	12.01	12.50	15.26	**15.5**		12.50		12.50		**15.5**		9.50		9.50		**12.5**
		165	5825	Full	N/A	12.84	13.00	12.78	13.00	15.82	**16.0**	12.84	13.00	12.78	13.00	15.82	**16.0**		13.00		13.00		**16.0**		9.50		9.50		**12.5**
	802.11n-HT40 MCS0	151	5755	Full	N/A	13.77	14.00	13.22	14.00	16.52	**17.0**	13.77	14.00	13.22	14.00	16.52	**17.0**	Not Required	13.00	Not Required	13.00	Not Required	**16.0**	Not Required	9.50	Not Required	9.50	Not Required	**12.5**
		159	5795	Full	N/A	13.16	13.50	12.70	13.50	15.95	**16.5**	13.16	13.50	12.70	13.50	15.95	**16.5**		13.00		13.00		**16.0**		9.50		9.50		**12.5**
	802.11ac-VHT20 MCS0	149	5745	Full	N/A	12.99	13.50	12.45	13.50	15.74	**16.5**	12.99	13.50	12.45	13.50	15.74	**16.5**		13.00		13.00		**16.0**		9.50		9.50		**12.5**
		157	5785	Full	N/A	12.45	12.50	12.00	12.50	15.24	**15.5**	12.45	12.50	12.00	12.50	15.24	**15.5**		12.50		12.50		**15.5**		9.50		9.50		**12.5**
		165	5825	Full	N/A	12.83	13.00	12.76	13.00	15.81	**16.0**	12.83	13.00	12.76	13.00	15.81	**16.0**		13.00		13.00		**16.0**		9.50		9.50		**12.5**
	802.11ac-VHT40 MCS0	151	5755	Full	N/A	13.75	14.00	13.21	14.00	16.50	**17.0**	13.75	14.00	13.21	14.00	16.50	**17.0**		13.00		13.00		**16.0**		9.50		9.50		**12.5**
		159	5795	Full	N/A	13.15	13.50	12.68	13.50	15.93	**16.5**	13.15	13.50	12.68	13.50	15.93	**16.5**		13.00		13.00		**16.0**		9.50		9.50		**12.5**
	802.11ac-VHT80 MCS0	155	5775	Full	N/A	12.53	13.00	12.06	13.00	15.31	**16.0**	12.53	13.00	12.06	13.00	15.31	**16.0**	12.53	13.00	12.06	13.00	15.31	**16.0**	8.94	9.50	8.61	9.50	11.79	**12.5**
	802.11ax-HE20 MCS0	149	5745	Full	N/A	13.03	13.50	12.53	13.50	15.80	**16.5**	13.03	13.50	12.53	13.50	15.80	**16.5**		13.00		13.00		**16.0**		9.50		9.50		**12.5**
				26Tone	RU0	7.69	8.50	6.77	8.50	10.26	**11.5**	7.69	8.50	6.77	8.50	10.26	**11.5**		8.50		8.50		**11.5**		8.50		8.50		**11.5**
				52Tone	RU37	10.37	11.50	10.10	11.50	13.25	**14.5**	10.37	11.50	10.10	11.50	13.25	**14.5**		11.50		11.50		**14.5**		9.50		9.50		**12.5**
				106Tone	RU53	12.62	13.50	12.23	13.50	15.44	**16.5**	12.62	13.50	12.23	13.50	15.44	**16.5**		13.00		13.00		**16.0**		9.50		9.50		**12.5**
		157	5785	Full	N/A	12.48	12.50	12.08	12.50	15.30	**15.5**	12.48	12.50	12.08	12.50	15.30	**15.5**		12.50		12.50		**15.5**		9.50		9.50		**12.5**
		165	5825	Full	N/A	12.86	13.00	12.83	13.00	15.86	**16.0**	12.86	13.00	12.83	13.00	15.86	**16.0**	Not Required	13.00	Not Required	13.00	Not Required	**16.0**	Not Required	9.50	Not Required	9.50	Not Required	**12.5**
				26Tone	RU8	7.04	8.50	7.21	8.50	10.14	**11.5**	7.04	8.50	7.21	8.50	10.14	**11.5**		8.50		8.50		**11.5**		8.50		8.50		**11.5**
				52Tone	RU40	10.01	11.50	9.89	11.50	12.96	**14.5**	10.01	11.50	9.89	11.50	12.96	**14.5**		11.50		11.50		**14.5**		9.50		9.50		**12.5**
				106Tone	RU54	12.33	13.50	12.56	13.50	15.46	**16.5**	12.33	13.50	12.56	13.50	15.46	**16.5**		13.00		13.00		**16.0**		9.50		9.50		**12.5**
	802.11ax-HE40 MCS0	151	5755	Full	N/A	13.81	14.00	13.26	14.00	16.55	**17.0**	13.81	14.00	13.26	14.00	16.55	**17.0**		13.00		13.00		**16.0**		9.50		9.50		**12.5**
		159	5795	Full	N/A	13.20	13.50	12.73	13.50	15.98	**16.5**	13.20	13.50	12.73	13.50	15.98	**16.5**		13.00		13.00		**16.0**		9.50		9.50		**12.5**
	802.11ax-HE80 MCS0	155	5775	Full	N/A	12.57	13.00	12.08	13.00	15.34	**16.0**	12.57	13.00	12.08	13.00	15.34	**16.0**		13.00		13.00		**16.0**		9.50		9.50		**12.5**

<WLAN 5GHz>

	Mode	Channel	Frequency (MHz)	Hotspot Standalone Simultaneous 2.4G+5G/6G 5G/6G+BT 2.4G+5G/6G+BT						Hotspot Simultaneous 5G/6G+WWAN 2.4G+WWAN+5G/6G						Hotspot Simultaneous 5G/6G+WWAN+BT 2.4G+WWAN+5G/6G+BT						Extremity/Body worn Standalone Simultaneous 2.4G+5G/6G 5G/6G+BT 2.4G+5G/6G+BT						Extremity/Body worn Simultaneous 5G/6G+WWAN 2.4G+WWAN+5G/6G						Extremity/Body worn Simultaneous 5G/6G+WWAN+BT 2.4G+WWAN+5G/6G+BT						Duty Cycle %
				Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		
				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	14.68	16.50	14.86	16.50	17.78	19.5	14.26	16.00	14.61	16.00	17.45	19.0		15.00		15.00		18.0	14.68	16.50	14.86	16.50	17.78	19.5	14.26	16.00	14.61	16.00	17.45	19.0		15.00		15.00		18.0	96.98
		40	5200	14.61	16.50	14.79	16.50	17.71	19.5	14.21	16.00	14.35	16.00	17.29	19.0		15.00		15.00		18.0	14.61	16.50	14.79	16.50	17.71	19.5	14.21	16.00	14.35	16.00	17.29	19.0		15.00		15.00		18.0	
		44	5220	14.18	16.00	14.58	16.00	17.39	19.0	14.18	16.00	14.58	16.00	17.39	19.0		15.00		15.00		18.0	14.18	16.00	14.58	16.00	17.39	19.0	14.18	16.00	14.58	16.00	17.39	19.0		15.00		15.00		18.0	
		48	5240	13.67	15.50	14.24	15.50	16.97	18.5	13.67	15.50	14.24	15.50	16.97	18.5	Not Required	15.00	Not Required	15.00	Not Required	18.0	13.67	15.50	14.24	15.50	16.97	18.5	13.67	15.50	14.24	15.50	16.97	18.5	Not Required	15.00	Not Required	15.00	Not Required	18.0	
	802.11n-HT20 MCS0	36	5180	14.65	16.50	14.82	16.50	17.75	19.5		16.00		16.00		19.0		15.00		15.00		18.0	14.65	16.50	14.82	16.50	17.75	19.5		16.00		16.00		19.0		15.00		15.00		18.0	96.78
		40	5200	14.62	16.50	14.82	16.50	17.73	19.5		16.00		16.00		19.0		15.00		15.00		18.0	14.62	16.50	14.82	16.50	17.73	19.5		16.00		16.00		19.0		15.00		15.00		18.0	
		44	5220	14.14	16.00	14.57	16.00	17.37	19.0		16.00		16.00		19.0		15.00		15.00		18.0	14.14	16.00	14.57	16.00	17.37	19.0		16.00		16.00		19.0		15.00		15.00		18.0	
		48	5240	13.62	15.50	14.21	15.50	16.94	18.5		15.50		15.50		18.5		15.00		15.00		18.0	13.62	15.50	14.21	15.50	16.94	18.5		15.50		15.50		18.5		15.00		15.00		18.0	
	802.11n-HT40 MCS0	38	5190	13.01	14.50	13.02	14.50	16.03	17.5		14.50		14.50		17.5	13.01	14.50	13.02	14.50	16.03	17.5	13.01	14.50	13.02	14.50	16.03	17.5		14.50		14.50		17.5	13.01	14.50	13.02	14.50	16.03	17.5	93.87
		46	5230	14.02	15.50	14.41	15.50	17.23	18.5		15.50		15.50		18.5	13.56	15.00	13.89	15.00	16.74	18.0	14.02	15.50	14.41	15.50	17.23	18.5		15.50		15.50		18.5	13.56	15.00	13.89	15.00	16.74	18.0	
	802.11ac-VHT20 MCS0	36	5180	14.64	16.50	14.81	16.50	17.74	19.5		16.00		16.00		19.0		15.00		15.00		18.0	14.64	16.50	14.81	16.50	17.74	19.5		16.00		16.00		19.0		15.00		15.00		18.0	96.78
		40	5200	14.61	16.50	14.83	16.50	17.72	19.5		16.00		16.00		19.0		15.00		15.00		18.0	14.61	16.50	14.83	16.50	17.72	19.5		16.00		16.00		19.0		15.00		15.00		18.0	
		44	5220	14.12	16.00	14.55	16.00	17.35	19.0		16.00		16.00		19.0		15.00		15.00		18.0	14.12	16.00	14.55	16.00	17.35	19.0		16.00		16.00		19.0		15.00		15.00		18.0	
		48	5240	13.60	15.50	14.20	15.50	16.92	18.5		15.50		15.50		18.5		15.00		15.00		18.0	13.60	15.50	14.20	15.50	16.92	18.5		15.50		15.50		18.5		15.00		15.00		18.0	
	802.11ac-VHT40 MCS0	38	5190	13.01	14.50	13.01	14.50	16.02	17.5		14.50		14.50		17.5		14.50		14.50		17.5	13.01	14.50	13.01	14.50	16.02	17.5		14.50		14.50		17.5		14.50		14.50		17.5	93.98
		46	5230	14.01	15.50	14.40	15.50	17.22	18.5		15.50		15.50		18.5		15.00		15.00		18.0	14.01	15.50	14.40	15.50	17.22	18.5		15.50		15.50		18.5		15.00		15.00		18.0	
	802.11ac-VHT80 MCS0	42	5210	12.11	14.00	12.18	14.00	15.15	17.0		14.00		14.00		17.0		14.00		14.00		17.0	12.11	14.00	12.18	14.00	15.15	17.0		14.00		14.00		17.0		14.00		14.00		17.0	87.99
	802.11ax-HE20 MCS0	36	5180	14.68	16.50	14.87	16.50	17.79	19.5		16.00		16.00		19.0		15.00		15.00		18.0	14.68	16.50	14.87	16.50	17.79	19.5		16.00		16.00		19.0		15.00		15.00		18.0	95.90
				6.72	8.50	7.29	8.50	10.02	11.5		8.50		8.50		11.5		8.50		8.50		11.5	6.72	8.50	7.29	8.50	10.02	11.5		8.50		8.50		11.5		8.50		8.50		11.5	
				9.82	11.50	10.29	11.50	13.07	14.5		11.50		11.50		14.5		11.50		11.50		14.5	9.82	11.50	10.29	11.50	13.07	14.5		11.50		11.50		14.5		11.50		11.50		14.5	
				12.88	14.50	13.48	14.50	16.20	17.5		14.50		14.50		17.5		14.50		14.50		17.5	12.88	14.50	13.48	14.50	16.20	17.5		14.50		14.50		17.5		14.50		14.50		17.5	
		40	5200	14.64	16.50	14.85	16.50	17.76	19.5		16.00		16.00		19.0		15.00		15.00		18.0	14.64	16.50	14.85	16.50	17.76	19.5		16.00		16.00		19.0		15.00		15.00		18.0	
		44	5220	14.17	16.00	14.64	16.00	17.42	19.0		16.00		16.00		19.0		15.00		15.00		18.0	14.17	16.00	14.64	16.00	17.42	19.0		16.00		16.00		19.0		15.00		15.00		18.0	
		48	5240	13.66	15.50	14.26	15.50	16.98	18.5		15.50		15.50		18.5		15.00		15.00		18.0	13.66	15.50	14.26	15.50	16.98	18.5		15.50		15.50		18.5		15.00		15.00		18.0	
	802.11ax-HE40 MCS0	38	5190	13.02	14.50	13.03	14.50	16.03	17.5		14.50		14.50		17.5		14.50		14.50		17.5	13.02	14.50	13.03	14.50	16.03	17.5		14.50		14.50		17.5		14.50		14.50		17.5	92.71
		46	5230	14.03	15.50	14.45	15.50	17.25	18.5		15.50		15.50		18.5		15.00		15.00		18.0	14.03	15.50	14.45	15.50	17.25	18.5		15.50		15.50		18.5		15.00		15.00		18.0	
	802.11ax-HE80 MCS0	42	5210	12.02	14.00	12.22	14.00	15.13	17.0		14.00		14.00		17.0		14.00		14.00		17.0	12.02	14.00	12.22	14.00	15.13	17.0		14.00		14.00		17.0		14.00		14.00		17.0	86.65

<WLAN 5GHz>

	Mode	Channel	Frequency (MHz)	Extremity/Body worn Standalone Simultaneous 2.4G+5G/6G 5G/6G+BT 2.4G+5G/6G+BT						Extremity/Body worn Simultaneous 5G/6G+WWAN 2.4G+WWAN+5G/6G						Extremity/Body worn Simultaneous 5G/6G+WWAN+BT 2.4G+WWAN+5G/6G+BT						Duty Cycle %
				Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		
				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		16.50		16.50		19.5		16.00		16.00		19.0		15.00		15.00		18.0	96.98
		56	5280		16.50		16.50		19.5		16.00		16.00		19.0		15.00		15.00		18.0	
		60	5300		14.00		14.00		17.0		14.00		14.00		17.0		14.00		14.00		17.0	
		64	5320	Not Required	14.50	Not Required	14.50	Not Required	17.5	Not Required	14.50	Not Required	14.50	Not Required	17.5	Not Required	14.50	Not Required	14.50	Not Required	17.5	
	802.11n-HT20 MCS0	52	5260		16.50		16.50		19.5		16.00		16.00		19.0		15.00		15.00		18.0	96.78
		56	5280		16.50		16.50		19.5		16.00		16.00		19.0		15.00		15.00		18.0	
		60	5300		14.50		14.50		17.5		14.50		14.50		17.5		14.50		14.50		17.5	
		64	5320		15.00		15.00		18.0		15.00		15.00		18.0		15.00		15.00		18.0	
	802.11n-HT40 MCS0	54	5270	15.16	16.50	15.70	16.50	18.45	19.5	14.58	16.00	15.29	16.00	17.96	19.0	13.76	15.00	14.32	15.00	17.06	18.0	93.87
		62	5310	13.73	15.00	14.30	15.00	17.04	18.0	13.73	15.00	14.30	15.00	17.04	18.0	13.73	15.00	14.30	15.00	17.04	18.0	
	802.11ac-VHT20 MCS0	52	5260		16.50		16.50		19.5		16.00		16.00		19.0		15.00		15.00		18.0	96.78
		56	5280		16.50		16.50		19.5		16.00		16.00		19.0		15.00		15.00		18.0	
		60	5300		14.50		14.50		17.5		14.50		14.50		17.5		14.50		14.50		17.5	
		64	5320		15.00		15.00		18.0		15.00		15.00		18.0		15.00		15.00		18.0	
	802.11ac-VHT40 MCS0	54	5270		16.50		16.50		19.5		16.00		16.00		19.0		15.00		15.00		18.0	93.98
		62	5310		15.00		15.00		18.0		15.50		15.50		18.5		15.00		15.00		18.0	
	802.11ac-VHT80 MCS0	58	5290		11.50		11.50		14.5		11.50		11.50		14.5		11.50		11.50		14.5	87.99
	802.11ac-VHT160 MCS0	50	5250		10.50		10.50		13.5		10.50		10.50		13.5		10.50		10.50		13.5	81.21
	802.11ax-HE20 MCS0	52	5260		16.50		16.50		19.5		16.00		16.00		19.0		15.00		15.00		18.0	95.90
		56	5280		16.50		16.50		19.5		16.00		16.00		19.0		15.00		15.00		18.0	
		60	5300		14.50		14.50		17.5		14.50		14.50		17.5		14.50		14.50		17.5	
		64	5320		15.00		15.00		18.0		15.00		15.00		18.0		15.00		15.00		18.0	
					8.50		8.50		11.5		8.50		8.50		11.5		8.50		8.50		11.5	
					11.50		11.50		14.5		11.50		11.50		14.5		11.50		11.50		14.5	
					14.50		14.50		17.5		14.50		14.50		17.5		14.50		14.50		17.5	
	802.11ax-HE40 MCS0	54	5270		16.50		16.50		19.5		16.00		16.00		19.0		15.00		15.00		18.0	92.71
		62	5310		15.00		15.00		18.0		15.00		15.00		18.0		15.00		15.00		18.0	
	802.11ax-HE80 MCS0	58	5290		11.50		11.50		14.5		11.50		11.50		14.5		11.50		11.50		14.5	86.65
	802.11ax-HE160 MCS0	50	5250		10.50		10.50		13.5		10.50		10.50		13.5		10.50		10.50		13.5	80.13

<WLAN 5GHz>

	Mode	Channel	Frequency (MHz)	Extremity/Body worn Standalone Simultaneous 2.4G+5G/6G 5G/6G+BT 2.4G+5G/6G+BT 5G/6G+WWAN 2.4G+WWAN+5G/6G 5G/6G+WWAN+BT 2.4G+WWAN+5G/6G+BT						Duty Cycle %
				Ant 9		Ant 8		Ant 9+8		
				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	12.76	13.50	12.42	13.50	15.60	16.5	96.98
		116	5580	12.93	13.00	12.29	13.00	15.63	16.0	
		124	5620	12.76	13.50	12.05	13.50	15.43	16.5	
		132	5660	12.71	13.50	11.94	13.50	15.35	16.5	
		140	5700	12.19	13.00	11.62	13.00	14.92	16.0	
	802.11n-HT20 MCS0	100	5500	12.86	13.50	12.62	13.50	15.75	16.5	96.78
		116	5580	12.42	13.50	12.84	13.50	15.65	16.5	
		124	5620	12.78	13.50	12.10	13.50	15.46	16.5	
		132	5660	12.75	13.50	11.98	13.50	15.39	16.5	
		140	5700	12.71	13.50	12.13	13.50	15.44	16.5	
	802.11n-HT40 MCS0	102	5510	15.24	15.50	15.06	15.50	18.17	18.5	93.87
		110	5550	15.47	15.50	15.33	15.50	18.42	18.5	
		126	5630	14.87	15.50	15.01	15.50	17.95	18.5	
		134	5670	14.92	15.50	14.29	15.50	17.63	18.5	
	802.11ac-VHT20 MCS0	100	5500	12.85	13.50	12.61	13.50	15.74	16.5	96.78
		116	5580	12.40	13.50	12.82	13.50	15.63	16.5	
		124	5620	12.85	13.50	12.13	13.50	15.52	16.5	
		132	5660	12.81	13.50	12.10	13.50	15.48	16.5	
		140	5700	12.69	13.50	12.10	13.50	15.42	16.5	
	802.11ac-VHT40 MCS0	102	5510	15.22	15.50	15.05	15.50	18.15	18.5	93.98
		110	5550	15.45	15.50	15.31	15.50	18.39	18.5	
		126	5630	14.91	15.50	15.08	15.50	18.01	18.5	
		134	5670	14.92	15.50	14.28	15.50	17.62	18.5	
	802.11ac-VHT80 MCS0	106	5530	10.76	11.00	10.61	11.00	13.70	14.0	87.99
		122	5610	14.92	15.00	14.32	15.00	17.64	18.0	
	802.11ac-VHT160 MCS0	114	5570	10.90	12.00	10.42	12.00	13.68	15.0	81.21
	802.11ax-HE20 MCS0	100	5500	12.90	13.50	12.69	13.50	15.81	16.5	95.90
				8.51	9.50	8.62	9.50	11.58	12.5	
				11.55	12.50	11.49	12.50	14.53	15.5	
				11.76	12.50	11.40	12.50	14.59	15.5	
		116	5580	13.45	13.50	12.90	13.50	16.20	16.5	
		124	5620	12.88	13.50	12.15	13.50	15.54	16.5	
		132	5660	12.85	13.50	12.13	13.50	15.52	16.5	
		140	5700	12.74	13.50	12.17	13.50	15.48	16.5	
				8.57	9.50	8.43	9.50	11.51	12.5	
				11.51	12.50	11.10	12.50	14.32	15.5	
				11.53	12.50	11.21	12.50	14.38	15.5	
	802.11ax-HE40 MCS0	102	5510	15.30	15.50	15.12	15.50	18.22	18.5	92.71
		110	5550	15.48	15.50	15.37	15.50	18.43	18.5	
		126	5630	14.95	15.50	15.11	15.50	18.04	18.5	
		134	5670	14.97	15.50	14.33	15.50	17.67	18.5	
	802.11ax-HE80 MCS0	106	5530	10.80	11.00	10.64	11.00	13.73	14.0	86.65
		122	5610	14.98	15.00	14.38	15.00	17.70	18.0	
	802.11ax-HE160 MCS0	114	5570	10.95	12.00	10.46	12.00	13.72	15.0	80.13

<WLAN 5GHz>

	Mode	Channel	Frequency (MHz)	Hotspot Standalone Simultaneous 2.4G+5G/6G 5G/6G+BT 2.4G+5G/6G+BT 5G/6G+WWAN 2.4G+WWAN+5G/6G 5G/6G+WWAN+BT						Hotspot Simultaneous 2.4G+WWAN+5G/6G+BT						Extremity/Body worn Standalone Simultaneous 2.4G+5G/6G 5G/6G+BT 2.4G+5G/6G+BT 5G/6G+WWAN 2.4G+WWAN+5G/6G 5G/6G+WWAN+BT						Extremity/Body worn Simultaneous 2.4G+WWAN+5G/6G+BT						Duty Cycle %
				Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		
				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	12.99	13.50	12.42	13.50	15.72	16.5		13.00		13.00		16.0	12.99	13.50	12.42	13.50	15.72	16.5		13.00		13.00		16.0	96.98
		157	5785	12.12	12.50	11.76	12.50	14.95	15.5		12.50		12.50		15.5	12.12	12.50	11.76	12.50	14.95	15.5		12.50		12.50		15.5	
		165	5825	12.39	13.00	12.21	13.00	15.31	16.0		13.00		13.00		16.0	12.39	13.00	12.21	13.00	15.31	16.0		13.00		13.00		16.0	
	802.11n-HT20 MCS0	149	5745	13.00	13.50	12.48	13.50	15.76	16.5		13.00		13.00		16.0	13.00	13.50	12.48	13.50	15.76	16.5		13.00		13.00		16.0	96.78
		157	5785	12.47	12.50	12.01	12.50	15.26	15.5		12.50		12.50		15.5	12.47	12.50	12.01	12.50	15.26	15.5		12.50		12.50		15.5	
		165	5825	12.84	13.00	12.78	13.00	15.82	16.0		13.00		13.00		16.0	12.84	13.00	12.78	13.00	15.82	16.0		13.00		13.00		16.0	
	802.11n-HT40 MCS0	151	5755	13.77	14.00	13.22	14.00	16.52	17.0		13.00		13.00		16.0	13.77	14.00	13.22	14.00	16.52	17.0		13.00		13.00		16.0	93.87
		159	5795	13.16	13.50	12.70	13.50	15.95	16.5		13.00		13.00		16.0	13.16	13.50	12.70	13.50	15.95	16.5		13.00		13.00		16.0	
	802.11ac-VHT20 MCS0	149	5745	12.99	13.50	12.45	13.50	15.74	16.5		13.00		13.00		16.0	12.99	13.50	12.45	13.50	15.74	16.5		13.00		13.00		16.0	96.78
		157	5785	12.45	12.50	12.00	12.50	15.24	15.5		12.50		12.50		15.5	12.45	12.50	12.00	12.50	15.24	15.5		12.50		12.50		15.5	
		165	5825	12.83	13.00	12.76	13.00	15.81	16.0		13.00		13.00		16.0	12.83	13.00	12.76	13.00	15.81	16.0		13.00		13.00		16.0	
	802.11ac-VHT40 MCS0	151	5755	13.75	14.00	13.21	14.00	16.50	17.0		13.00		13.00		16.0	13.75	14.00	13.21	14.00	16.50	17.0		13.00		13.00		16.0	93.98
		159	5795	13.15	13.50	12.68	13.50	15.93	16.5		13.00		13.00		16.0	13.15	13.50	12.68	13.50	15.93	16.5		13.00		13.00		16.0	
	802.11ac-VHT80 MCS0	155	5775	12.53	13.00	12.06	13.00	15.31	16.0	12.53	13.00	12.06	13.00	15.31	16.0	12.53	13.00	12.06	13.00	15.31	16.0	12.53	13.00	12.06	13.00	15.31	16.0	87.99
	802.11ax-HE20 MCS0	149	5745	13.03	13.50	12.53	13.50	15.80	16.5		13.00		13.00		16.0	13.03	13.50	12.53	13.50	15.80	16.5		13.00		13.00		16.0	95.90
				7.69	8.50	6.77	8.50	10.26	11.5		8.50		8.50		11.5	7.69	8.50	6.77	8.50	10.26	11.5		8.50		8.50		11.5	
				10.37	11.50	10.10	11.50	13.25	14.5		11.50		11.50		14.5	10.37	11.50	10.10	11.50	13.25	14.5		11.50		11.50		14.5	
				12.62	13.50	12.23	13.50	15.44	16.5		13.00		13.00		16.0	12.62	13.50	12.23	13.50	15.44	16.5		13.00		13.00		16.0	
		157	5785	12.48	12.50	12.08	12.50	15.30	15.5		12.50		12.50		15.5	12.48	12.50	12.08	12.50	15.30	15.5		12.50		12.50		15.5	
		165	5825	12.86	13.00	12.83	13.00	15.86	16.0		13.00		13.00		16.0	12.86	13.00	12.83	13.00	15.86	16.0		13.00		13.00		16.0	
				7.04	8.50	7.21	8.50	10.14	11.5		8.50		8.50		11.5	7.04	8.50	7.21	8.50	10.14	11.5		8.50		8.50		11.5	
				10.01	11.50	9.89	11.50	12.96	14.5		11.50		11.50		14.5	10.01	11.50	9.89	11.50	12.96	14.5		11.50		11.50		14.5	
				12.33	13.50	12.56	13.50	15.46	16.5		13.00		13.00		16.0	12.33	13.50	12.56	13.50	15.46	16.5		13.00		13.00		16.0	
	802.11ax-HE40 MCS0	151	5755	13.81	14.00	13.26	14.00	16.55	17.0		13.00		13.00		16.0	13.81	14.00	13.26	14.00	16.55	17.0		13.00		13.00		16.0	92.71
		159	5795	13.20	13.50	12.73	13.50	15.98	16.5		13.00		13.00		16.0	13.20	13.50	12.73	13.50	15.98	16.5		13.00		13.00		16.0	
	802.11ax-HE80 MCS0	155	5775	12.57	13.00	12.08	13.00	15.34	16.0		13.00		13.00		16.0	12.57	13.00	12.08	13.00	15.34	16.0		13.00		13.00		16.0	86.65