Full & Default Power Mode_Main PA

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	32.81	32.85	32.77	34.00	23.81	23.85	23.77	25.00
GPRS 1 Tx slot	32.68	32.76	32.73	34.00	23.68	23.76	23.73	25.00
GPRS 2 Tx slots	29.59	29.61	29.57	31.00	23.59	23.61	23.57	25.00
GPRS 3 Tx slots	27.61	27.66	27.57	29.20	23.35	23.40	23.31	24.94
GPRS 4 Tx slots	26.08	26.17	26.14	28.00	23.08	23.17	23.14	25.00
EDGE 1 Tx slot	25.89	25.93	25.79	27.00	16.89	16.93	16.79	18.00
EDGE 2 Tx slots	23.31	23.40	23.31	24.00	17.31	17.40	17.31	18.00
EDGE 3 Tx slots	21.42	21.53	21.47	22.20	17.16	17.27	17.21	17.94
EDGE 4 Tx slots	19.81	19.85	19.79	21.00	16.81	16.85	16.79	18.00

Band		WCDMA V Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.53	24.60	24.49	25.00
3GPP Rel 99	RMC 12.2Kbps	24.62	24.64	24.60	25.00
3GPP Rel 6	HSDPA Subtest-1	23.64	23.67	23.63	24.00
3GPP Rel 6	HSDPA Subtest-2	23.60	23.68	23.56	24.00
3GPP Rel 6	HSDPA Subtest-3	23.06	23.10	23.09	23.50
3GPP Rel 6	HSDPA Subtest-4	23.10	23.20	23.07	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.67	23.62	23.58	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.66	23.61	23.58	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.10	23.10	23.11	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	23.17	23.19	23.05	23.50
3GPP Rel 6	HSUPA Subtest-1	23.59	23.59	23.55	24.00
3GPP Rel 6	HSUPA Subtest-2	21.58	21.64	21.63	22.00
3GPP Rel 6	HSUPA Subtest-3	22.68	22.62	22.61	23.00
3GPP Rel 6	HSUPA Subtest-4	21.64	21.60	21.66	22.00
3GPP Rel 6	HSUPA Subtest-5	23.60	23.63	23.54	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.06	21.12	21.05	21.50

GSM850 Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.01	33.00	32.96	34.50	24.01	24.00	23.96	25.50
GPRS 1 Tx slot	32.86	32.92	32.87	34.50	23.86	23.92	23.87	25.50
GPRS 2 Tx slots	29.81	29.87	29.83	31.50	23.81	23.87	23.83	25.50
GPRS 3 Tx slots	27.83	27.91	27.80	29.70	23.57	23.65	23.54	25.44
GPRS 4 Tx slots	26.53	26.70	26.62	28.50	23.53	23.70	23.62	25.50
EDGE 1 Tx slot	26.04	26.13	26.01	27.50	17.04	17.13	17.01	18.50
EDGE 2 Tx slots	23.45	23.65	23.49	24.50	17.45	17.65	17.49	18.50
EDGE 3 Tx slots	21.59	21.68	21.62	22.70	17.33	17.42	17.36	18.44
EDGE 4 Tx slots	20.04	20.11	19.93	21.50	17.04	17.11	16.93	18.50

Band		WCDMA V Ant 1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.89	24.00	23.98	25.00
3GPP Rel 99	RMC 12.2Kbps	23.99	24.05	24.01	25.00
3GPP Rel 6	HSDPA Subtest-1	23.05	23.04	23.01	24.00
3GPP Rel 6	HSDPA Subtest-2	22.96	23.01	23.01	24.00
3GPP Rel 6	HSDPA Subtest-3	22.43	22.55	22.52	23.50
3GPP Rel 6	HSDPA Subtest-4	22.49	22.59	22.52	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.93	23.05	23.05	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.05	22.99	23.01	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.48	22.54	22.55	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.47	22.60	22.54	23.50
3GPP Rel 6	HSUPA Subtest-1	23.03	23.07	22.97	24.00
3GPP Rel 6	HSUPA Subtest-2	20.94	21.05	21.02	22.00
3GPP Rel 6	HSUPA Subtest-3	21.94	21.99	21.97	23.00
3GPP Rel 6	HSUPA Subtest-4	20.95	21.02	21.04	22.00
3GPP Rel 6	HSUPA Subtest-5	23.03	23.09	23.06	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.48	20.51	20.45	21.50

GSM1900 Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.97	30.10	29.99	31.50	20.97	21.10	20.99	22.50
GPRS 1 Tx slot	29.98	30.07	30.03	31.50	20.98	21.07	21.03	22.50
GPRS 2 Tx slots	26.77	26.91	26.84	28.50	20.77	20.91	20.84	22.50
GPRS 3 Tx slots	24.83	24.93	24.90	26.70	20.57	20.67	20.64	22.44
GPRS 4 Tx slots	23.53	23.65	23.56	25.50	20.53	20.65	20.56	22.50
EDGE 1 Tx slot	25.42	25.54	25.40	27.00	16.42	16.54	16.40	18.00
EDGE 2 Tx slots	22.69	22.78	22.72	24.00	16.69	16.78	16.72	18.00
EDGE 3 Tx slots	20.87	20.90	20.86	22.20	16.61	16.64	16.60	17.94
EDGE 4 Tx slots	20.00	20.07	19.96	21.00	17.00	17.07	16.96	18.00

Band		WCDMA IV Ant 2			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Rx Channel		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.00	23.09	22.98	24.50
3GPP Rel 99	RMC 12.2Kbps	23.03	23.13	23.04	24.50
3GPP Rel 6	HSDPA Subtest-1	21.99	22.10	22.08	23.50
3GPP Rel 6	HSDPA Subtest-2	22.03	22.13	22.10	23.50
3GPP Rel 6	HSDPA Subtest-3	21.53	21.69	21.49	23.00
3GPP Rel 6	HSDPA Subtest-4	21.56	21.61	21.48	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	21.98	22.18	22.00	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.08	22.11	22.00	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.50	21.60	21.48	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.58	21.68	21.50	23.00
3GPP Rel 6	HSUPA Subtest-1	22.02	22.07	21.99	23.50
3GPP Rel 6	HSUPA Subtest-2	20.03	20.17	20.07	21.50
3GPP Rel 6	HSUPA Subtest-3	21.06	21.13	21.09	22.50
3GPP Rel 6	HSUPA Subtest-4	20.04	20.18	20.08	21.50
3GPP Rel 6	HSUPA Subtest-5	22.06	22.10	22.03	23.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.54	19.65	19.56	21.00

Band		WCDMA II Ant 3			Tune-up Limit (dBm)	WCDMA IV Ant 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.34	24.41	24.37	25.00	23.94	24.00	23.92	25.00
3GPP Rel 99	RMC 12.2Kbps	24.44	24.54	24.50	25.00	23.98	24.03	23.96	25.00
3GPP Rel 6	HSDPA Subtest-1	23.44	23.52	23.49	24.00	22.94	23.06	22.90	24.00
3GPP Rel 6	HSDPA Subtest-2	23.43	23.55	23.51	24.00	23.00	22.97	23.00	24.00
3GPP Rel 6	HSDPA Subtest-3	22.89	22.99	22.97	23.50	22.52	22.58	22.50	23.50
3GPP Rel 6	HSDPA Subtest-4	22.95	23.03	22.98	23.50	22.47	22.55	22.48	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.48	23.57	23.50	24.00	23.00	23.04	23.02	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.46	23.57	23.51	24.00	22.94	23.08	22.91	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.93	23.09	23.04	23.50	22.50	22.56	22.48	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.93	22.99	22.96	23.50	22.48	22.53	22.48	23.50
3GPP Rel 6	HSUPA Subtest-1	23.49	23.59	23.45	24.00	22.93	23.00	22.99	24.00
3GPP Rel 6	HSUPA Subtest-2	21.47	21.53	21.46	22.00	20.99	20.99	20.93	22.00
3GPP Rel 6	HSUPA Subtest-3	22.43	22.59	22.55	23.00	22.02	22.01	21.92	23.00
3GPP Rel 6	HSUPA Subtest-4	21.49	21.58	21.46	22.00	20.96	20.98	20.93	22.00
3GPP Rel 6	HSUPA Subtest-5	23.44	23.51	23.47	24.00	22.97	23.09	22.96	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.91	20.99	20.97	21.50	20.48	20.57	20.42	21.50

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	30.00	30.05	29.96	31.00	21.00	21.05	20.96	22.00
GPRS 1 Tx slot	29.94	30.00	29.90	31.00	20.94	21.00	20.90	22.00
GPRS 2 Tx slots	26.85	26.90	26.86	28.00	20.85	20.90	20.86	22.00
GPRS 3 Tx slots	24.87	24.94	24.88	26.20	20.61	20.68	20.62	21.94
GPRS 4 Tx slots	23.60	23.65	23.61	25.00	20.60	20.65	20.61	22.00
EDGE 1 Tx slot	25.46	25.48	25.40	27.00	16.46	16.48	16.40	18.00
EDGE 2 Tx slots	22.55	22.66	22.59	24.00	16.55	16.66	16.59	18.00
EDGE 3 Tx slots	21.08	21.10	20.98	22.20	16.82	16.84	16.72	17.94
EDGE 4 Tx slots	20.45	20.54	20.40	21.00	17.45	17.54	17.40	18.00

Band		WCDMA II Ant 5			Tune-up Limit (dBm)	WCDMA IV Ant 5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.00	24.07	24.11	25.00	23.11	23.28	23.26	24.50
3GPP Rel 99	RMC 12.2Kbps	24.10	24.18	24.15	25.00	23.23	23.31	23.28	24.50
3GPP Rel 6	HSDPA Subtest-1	23.09	23.17	23.10	24.00	22.24	22.26	22.30	23.50
3GPP Rel 6	HSDPA Subtest-2	23.13	23.19	23.15	24.00	22.21	22.27	22.25	23.50
3GPP Rel 6	HSDPA Subtest-3	22.60	22.70	22.64	23.50	21.77	21.79	21.73	23.00
3GPP Rel 6	HSDPA Subtest-4	22.57	22.69	22.60	23.50	21.78	21.87	21.77	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.12	23.19	23.10	24.00	22.19	22.26	22.22	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.13	23.22	23.14	24.00	22.23	22.33	22.34	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.58	22.62	22.61	23.50	21.73	21.82	21.74	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.61	22.63	22.61	23.50	21.72	21.77	21.75	23.00
3GPP Rel 6	HSUPA Subtest-1	23.12	23.15	23.11	24.00	22.18	22.35	22.24	23.50
3GPP Rel 6	HSUPA Subtest-2	21.07	21.15	21.16	22.00	20.19	20.31	20.33	21.50
3GPP Rel 6	HSUPA Subtest-3	22.14	22.16	22.10	23.00	21.28	21.34	21.23	22.50
3GPP Rel 6	HSUPA Subtest-4	21.15	21.19	21.11	22.00	20.17	20.29	20.28	21.50
3GPP Rel 6	HSUPA Subtest-5	23.13	23.20	23.15	24.00	22.23	22.28	22.28	23.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.57	20.72	20.66	21.50	19.70	19.85	19.77	21.00

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	25.31	25.35	25.32	25.7	0
10	QPSK	1	25	25.29	25.33	25.19		
10	QPSK	1	49	25.21	25.27	25.23		
10	QPSK	25	0	24.29	24.41	24.36	24.7	1
10	QPSK	25	12	24.28	24.38	24.16		
10	QPSK	25	25	24.19	24.27	24.22		
10	QPSK	50	0	24.30	24.35	24.27		
10	16QAM	1	0	24.28	24.31	24.26	24.7	1
10	16QAM	1	25	24.28	24.34	24.16		
10	16QAM	1	49	24.11	24.22	24.17		
10	16QAM	25	0	23.24	23.43	23.41	23.7	2
10	16QAM	25	12	23.23	23.41	23.21		
10	16QAM	25	25	23.15	23.22	23.18		
10	16QAM	50	0	23.35	23.36	23.25		
10	64QAM	1	0	23.34	23.25	23.28	23.7	2
10	64QAM	1	25	23.26	23.39	23.19		
10	64QAM	1	49	23.16	23.22	23.18		
10	64QAM	25	0	22.24	22.42	22.33	22.7	3
10	64QAM	25	12	22.28	22.33	22.10		
10	64QAM	25	25	22.20	22.23	22.24		
10	64QAM	50	0	22.33	22.39	22.30		
10	256QAM	1	0	20.26	20.41	20.38	20.7	5
10	256QAM	1	25	20.23	20.41	20.21		
10	256QAM	1	49	20.15	20.30	20.23		
10	256QAM	25	0	20.32	20.40	20.28	20.7	5
10	256QAM	25	12	20.23	20.31	20.21		
10	256QAM	25	25	20.29	20.31	20.13		
10	256QAM	50	0	20.08	20.18	20.20		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.22	25.28	25.24	25.7	0
5	QPSK	1	12	25.25	25.25	25.13		
5	QPSK	1	24	25.15	25.18	25.18		
5	QPSK	12	0	24.20	24.34	24.25	24.7	1
5	QPSK	12	7	24.21	24.26	24.05		
5	QPSK	12	13	24.10	24.16	24.13		
5	QPSK	25	0	24.22	24.23	24.21		
5	16QAM	1	0	24.16	24.24	24.15	24.7	1
5	16QAM	1	12	24.21	24.27	24.08		
5	16QAM	1	24	24.03	24.13	24.15		
5	16QAM	12	0	23.15	23.34	23.31	23.7	2
5	16QAM	12	7	23.16	23.32	23.19		
5	16QAM	12	13	23.08	23.14	23.10		
5	16QAM	25	0	23.21	23.24	23.20		
5	64QAM	1	0	23.21	23.20	23.17	23.7	2
5	64QAM	1	12	23.17	23.29	23.06		
5	64QAM	1	24	23.04	23.19	23.07		
5	64QAM	12	0	22.16	22.30	22.29	22.7	3
5	64QAM	12	7	22.22	22.19	21.97		
5	64QAM	12	13	22.13	22.10	22.18		
5	64QAM	25	0	22.26	22.25	22.24		
5	256QAM	1	0	20.16	20.31	20.25	20.7	5
5	256QAM	1	12	20.21	20.29	20.08		
5	256QAM	1	24	20.11	20.21	20.16		
5	256QAM	12	0	20.21	20.33	20.14	20.7	5
5	256QAM	12	7	20.09	20.26	20.08		
5	256QAM	12	13	20.25	20.24	20.08		
5	256QAM	25	0	20.05	20.11	20.07		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.20	25.26	25.23	25.7	0
3	QPSK	1	8	25.20	25.25	25.08		
3	QPSK	1	14	25.08	25.16	25.13		
3	QPSK	8	0	24.18	24.31	24.31	24.7	1
3	QPSK	8	4	24.25	24.31	24.07		
3	QPSK	8	7	24.10	24.23	24.18		
3	QPSK	15	0	24.22	24.25	24.14		
3	16QAM	1	0	24.26	24.18	24.20	24.7	1
3	16QAM	1	8	24.19	24.32	24.12		
3	16QAM	1	14	24.01	24.11	24.09		
3	16QAM	8	0	23.20	23.31	23.34	23.7	2
3	16QAM	8	4	23.18	23.27	23.07		
3	16QAM	8	7	23.09	23.12	23.11		
3	16QAM	15	0	23.32	23.29	23.20		
3	64QAM	1	0	23.31	23.23	23.19	23.7	2
3	64QAM	1	8	23.19	23.26	23.14		
3	64QAM	1	14	23.12	23.19	23.14		
3	64QAM	8	0	22.18	22.28	22.21	22.7	3
3	64QAM	8	4	22.16	22.20	22.00		
3	64QAM	8	7	22.08	22.17	22.13		
3	64QAM	15	0	22.25	22.32	22.26		
3	256QAM	1	0	20.20	20.37	20.24	20.7	5
3	256QAM	1	8	20.17	20.31	20.14		
3	256QAM	1	14	20.13	20.23	20.09		
3	256QAM	8	0	20.18	20.36	20.21	20.7	5
3	256QAM	8	4	20.16	20.17	20.12		
3	256QAM	8	7	20.16	20.18	20.03		
3	256QAM	15	0	20.04	20.10	20.08		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	25.19	25.30	25.29	25.7	0
1.4	QPSK	1	3	25.24	25.21	25.17		
1.4	QPSK	1	5	25.10	25.25	25.17		
1.4	QPSK	3	0	25.16	25.20	25.24		
1.4	QPSK	3	1	25.18	25.19	25.12		
1.4	QPSK	3	3	25.02	25.16	25.12		
1.4	QPSK	6	0	24.28	24.27	24.21	24.7	1
1.4	16QAM	1	0	24.21	24.28	24.16	24.7	1
1.4	16QAM	1	3	24.16	24.24	24.04		
1.4	16QAM	1	5	24.05	24.15	24.14		
1.4	16QAM	3	0	24.22	24.14	24.13		
1.4	16QAM	3	1	24.07	24.19	24.06		
1.4	16QAM	3	3	24.08	24.15	23.95		
1.4	16QAM	6	0	23.23	23.26	23.20	23.7	2
1.4	64QAM	1	0	23.22	23.13	23.22	23.7	2
1.4	64QAM	1	3	23.20	23.26	23.16		
1.4	64QAM	1	5	23.12	23.20	23.08		
1.4	64QAM	3	0	23.19	23.22	23.06		
1.4	64QAM	3	1	23.16	23.02	23.12		
1.4	64QAM	3	3	23.08	23.13	23.10		
1.4	64QAM	6	0	22.29	22.31	22.25	22.7	3
1.4	256QAM	1	0	20.13	20.28	20.32	20.7	5
1.4	256QAM	1	3	20.15	20.31	20.13		
1.4	256QAM	1	5	20.13	20.19	20.16		
1.4	256QAM	3	0	20.20	20.26	20.16		
1.4	256QAM	3	1	20.09	20.28	20.17		
1.4	256QAM	3	3	20.24	20.23	20.01		
1.4	256QAM	6	0	19.97	20.16	20.09	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	25.33	25.36	25.35	25.7	0
15	QPSK	1	37	25.23	25.30	25.17		
15	QPSK	1	74	25.17	25.25	25.26		
15	QPSK	36	0	24.26	24.42	24.39	24.7	1
15	QPSK	36	20	24.26	24.35	24.11		
15	QPSK	36	39	24.15	24.26	24.19		
15	QPSK	75	0	24.32	24.37	24.29		
15	16QAM	1	0	24.26	24.31	24.23	24.7	1
15	16QAM	1	37	24.29	24.27	24.17		
15	16QAM	1	74	24.05	24.19	24.12		
15	16QAM	36	0	23.22	23.45	23.36	23.7	2
15	16QAM	36	20	23.23	23.44	23.23		
15	16QAM	36	39	23.10	23.16	23.14		
15	16QAM	75	0	23.39	23.34	23.22		
15	64QAM	1	0	23.36	23.21	23.20	23.7	2
15	64QAM	1	37	23.18	23.34	23.11		
15	64QAM	1	74	23.16	23.17	23.21		
15	64QAM	36	0	22.28	22.34	22.28	22.7	3
15	64QAM	36	20	22.23	22.26	22.03		
15	64QAM	36	39	22.19	22.20	22.23		
15	64QAM	75	0	22.37	22.41	22.30		
15	256QAM	1	0	20.23	20.45	20.42	20.7	5
15	256QAM	1	37	20.21	20.43	20.22		
15	256QAM	1	74	20.07	20.32	20.16		
15	256QAM	36	0	20.27	20.42	20.25	20.7	5
15	256QAM	36	20	20.22	20.30	20.19		
15	256QAM	36	39	20.29	20.28	20.08		
15	256QAM	75	0	20.07	20.17	20.22		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	25.28	25.26	25.30	25.7	0
10	QPSK	1	25	25.15	25.28	25.06		
10	QPSK	1	49	25.16	25.17	25.17		
10	QPSK	25	0	24.21	24.36	24.38	24.7	1
10	QPSK	25	12	24.15	24.30	24.07		
10	QPSK	25	25	24.13	24.26	24.20		
10	QPSK	50	0	24.31	24.33	24.29		
10	16QAM	1	0	24.16	24.28	24.21	24.7	1
10	16QAM	1	25	24.21	24.16	24.08		
10	16QAM	1	49	23.97	24.11	24.01		
10	16QAM	25	0	23.22	23.46	23.28	23.7	2
10	16QAM	25	12	23.16	23.40	23.17		
10	16QAM	25	25	23.01	23.08	23.12		
10	16QAM	50	0	23.38	23.29	23.14		
10	64QAM	1	0	23.33	23.19	23.18	23.7	2
10	64QAM	1	25	23.19	23.25	23.11		
10	64QAM	1	49	23.13	23.07	23.19		
10	64QAM	25	0	22.21	22.29	22.27	22.7	3
10	64QAM	25	12	22.22	22.26	21.95		
10	64QAM	25	25	22.13	22.16	22.17		
10	64QAM	50	0	22.28	22.39	22.24		
10	256QAM	1	0	20.20	20.45	20.38	20.7	5
10	256QAM	1	25	20.14	20.35	20.18		
10	256QAM	1	49	20.07	20.29	20.13		
10	256QAM	25	0	20.26	20.33	20.26	20.7	5
10	256QAM	25	12	20.23	20.26	20.08		
10	256QAM	25	25	20.18	20.21	20.03		
10	256QAM	50	0	20.03	20.14	20.21		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	25.32	25.35	25.32	25.7	0
5	QPSK	1	12	25.21	25.26	25.10		
5	QPSK	1	24	25.13	25.25	25.16		
5	QPSK	12	0	24.16	24.31	24.34	24.7	1
5	QPSK	12	7	24.22	24.27	24.06		
5	QPSK	12	13	24.06	24.17	24.14		
5	QPSK	25	0	24.32	24.32	24.24		
5	16QAM	1	0	24.26	24.21	24.17	24.7	1
5	16QAM	1	12	24.22	24.18	24.09		
5	16QAM	1	24	24.03	24.17	24.03		
5	16QAM	12	0	23.15	23.35	23.36	23.7	2
5	16QAM	12	7	23.21	23.37	23.12		
5	16QAM	12	13	23.02	23.08	23.07		
5	16QAM	25	0	23.36	23.26	23.21		
5	64QAM	1	0	23.28	23.16	23.19	23.7	2
5	64QAM	1	12	23.12	23.30	23.12		
5	64QAM	1	24	23.09	23.08	23.13		
5	64QAM	12	0	22.20	22.33	22.20	22.7	3
5	64QAM	12	7	22.16	22.19	22.00		
5	64QAM	12	13	22.09	22.17	22.15		
5	64QAM	25	0	22.38	22.31	22.30		
5	256QAM	1	0	20.14	20.37	20.42	20.7	5
5	256QAM	1	12	20.10	20.43	20.23		
5	256QAM	1	24	19.97	20.25	20.10		
5	256QAM	12	0	20.17	20.35	20.23	20.7	5
5	256QAM	12	7	20.21	20.22	20.10		
5	256QAM	12	13	20.26	20.19	20.04		
5	256QAM	25	0	20.02	20.14	20.19		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	25.33	25.26	25.33	25.7	0
3	QPSK	1	8	25.22	25.26	25.10		
3	QPSK	1	14	25.15	25.15	25.20		
3	QPSK	8	0	24.15	24.34	24.38	24.7	1
3	QPSK	8	4	24.16	24.26	24.10		
3	QPSK	8	7	24.09	24.17	24.15		
3	QPSK	15	0	24.24	24.31	24.24		
3	16QAM	1	0	24.20	24.23	24.21	24.7	1
3	16QAM	1	8	24.26	24.21	24.11		
3	16QAM	1	14	23.99	24.15	24.02		
3	16QAM	8	0	23.17	23.38	23.28	23.7	2
3	16QAM	8	4	23.14	23.44	23.22		
3	16QAM	8	7	22.99	23.15	23.10		
3	16QAM	15	0	23.28	23.30	23.18		
3	64QAM	1	0	23.28	23.16	23.12	23.7	2
3	64QAM	1	8	23.13	23.34	23.07		
3	64QAM	1	14	23.08	23.10	23.18		
3	64QAM	8	0	22.20	22.31	22.21	22.7	3
3	64QAM	8	4	22.21	22.23	21.97		
3	64QAM	8	7	22.13	22.16	22.23		
3	64QAM	15	0	22.28	22.33	22.27		
3	256QAM	1	0	20.24	20.37	20.42	20.7	5
3	256QAM	1	8	20.21	20.44	20.21		
3	256QAM	1	14	20.07	20.24	20.15		
3	256QAM	8	0	20.22	20.37	20.16	20.7	5
3	256QAM	8	4	20.12	20.21	20.19		
3	256QAM	8	7	20.27	20.25	19.98		
3	256QAM	15	0	20.05	20.08	20.16		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	25.09	25.27	25.20	25.7	0
1.4	QPSK	1	3	25.22	25.11	25.13		
1.4	QPSK	1	5	25.06	25.16	25.13		
1.4	QPSK	3	0	25.07	25.18	25.16		
1.4	QPSK	3	1	25.12	25.09	25.06		
1.4	QPSK	3	3	24.95	25.11	25.12		
1.4	QPSK	6	0	24.26	24.18	24.11	24.7	1
1.4	16QAM	1	0	24.17	24.19	24.06	24.7	1
1.4	16QAM	1	3	24.09	24.19	24.00		
1.4	16QAM	1	5	23.96	24.15	24.08		
1.4	16QAM	3	0	24.20	24.03	24.03		
1.4	16QAM	3	1	24.06	24.15	23.96		
1.4	16QAM	3	3	24.04	24.10	23.88		
1.4	16QAM	6	0	23.18	23.17	23.10	23.7	2
1.4	64QAM	1	0	23.15	23.11	23.23	23.7	2
1.4	64QAM	1	3	23.13	23.22	23.13		
1.4	64QAM	1	5	23.01	23.13	22.97		
1.4	64QAM	3	0	23.14	23.19	22.98		
1.4	64QAM	3	1	23.13	22.93	23.01		
1.4	64QAM	3	3	23.05	23.14	23.04		
1.4	64QAM	6	0	22.20	22.28	22.19	22.7	3
1.4	256QAM	1	0	20.04	20.18	20.30	20.7	5
1.4	256QAM	1	3	20.08	20.22	20.09		
1.4	256QAM	1	5	20.04	20.20	20.13		
1.4	256QAM	3	0	20.20	20.23	20.17		
1.4	256QAM	3	1	20.06	20.27	20.10		
1.4	256QAM	3	3	20.25	20.20	20.00		
1.4	256QAM	6	0	19.95	20.05	20.00	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.61	24.63	24.59	25.7	0
10	QPSK	1	25	24.53	24.58	24.52		
10	QPSK	1	49	24.61	24.56	24.56		
10	QPSK	25	0	23.58	23.67	23.65	24.7	1
10	QPSK	25	12	23.55	23.60	23.48		
10	QPSK	25	25	23.55	23.62	23.61		
10	QPSK	50	0	23.59	23.65	23.63		
10	16QAM	1	0	23.58	23.61	23.61	24.7	1
10	16QAM	1	25	23.46	23.49	23.45		
10	16QAM	1	49	23.45	23.53	23.56		
10	16QAM	25	0	22.56	22.71	22.60	23.7	2
10	16QAM	25	12	22.58	22.56	22.51		
10	16QAM	25	25	22.52	22.58	22.62		
10	16QAM	50	0	22.55	22.70	22.59		
10	64QAM	1	0	22.56	22.63	22.65	23.7	2
10	64QAM	1	25	22.42	22.46	22.47		
10	64QAM	1	49	22.43	22.57	22.57		
10	64QAM	25	0	21.62	21.72	21.65	22.7	3
10	64QAM	25	12	21.60	21.62	21.50		
10	64QAM	25	25	21.57	21.57	21.62		
10	64QAM	50	0	21.55	21.61	21.59		
10	256QAM	1	0	19.56	19.70	19.67	20.7	5
10	256QAM	1	25	19.50	19.60	19.50		
10	256QAM	1	49	19.55	19.62	19.66		
10	256QAM	25	0	19.61	19.59	19.66	20.7	5
10	256QAM	25	12	19.62	19.63	19.62		
10	256QAM	25	25	19.51	19.46	19.41		
10	256QAM	50	0	19.46	19.57	19.51		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.54	24.52	24.50	25.7	0
5	QPSK	1	12	24.48	24.49	24.44		
5	QPSK	1	24	24.54	24.46	24.45		
5	QPSK	12	0	23.51	23.62	23.54	24.7	1
5	QPSK	12	7	23.48	23.47	23.39		
5	QPSK	12	13	23.47	23.51	23.54		
5	QPSK	25	0	23.47	23.53	23.52		
5	16QAM	1	0	23.47	23.48	23.55	24.7	1
5	16QAM	1	12	23.42	23.41	23.32		
5	16QAM	1	24	23.38	23.41	23.47		
5	16QAM	12	0	22.52	22.63	22.57	23.7	2
5	16QAM	12	7	22.46	22.43	22.48		
5	16QAM	12	13	22.43	22.55	22.58		
5	16QAM	25	0	22.41	22.68	22.45		
5	64QAM	1	0	22.46	22.50	22.60	23.7	2
5	64QAM	1	12	22.35	22.43	22.35		
5	64QAM	1	24	22.38	22.44	22.46		
5	64QAM	12	0	21.51	21.66	21.62	22.7	3
5	64QAM	12	7	21.56	21.58	21.44		
5	64QAM	12	13	21.52	21.45	21.59		
5	64QAM	25	0	21.44	21.55	21.54		
5	256QAM	1	0	19.51	19.67	19.57	20.7	5
5	256QAM	1	12	19.40	19.49	19.39		
5	256QAM	1	24	19.47	19.50	19.60		
5	256QAM	12	0	19.58	19.55	19.61	20.7	5
5	256QAM	12	7	19.54	19.56	19.49		
5	256QAM	12	13	19.38	19.41	19.35		
5	256QAM	25	0	19.36	19.53	19.46		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.56	24.55	24.54	25.7	0
3	QPSK	1	8	24.43	24.45	24.50		
3	QPSK	1	14	24.55	24.45	24.50		
3	QPSK	8	0	23.47	23.56	23.55	24.7	1
3	QPSK	8	4	23.49	23.47	23.34		
3	QPSK	8	7	23.53	23.49	23.55		
3	QPSK	15	0	23.50	23.53	23.54		
3	16QAM	1	0	23.47	23.50	23.50	24.7	1
3	16QAM	1	8	23.35	23.43	23.36		
3	16QAM	1	14	23.40	23.40	23.51		
3	16QAM	8	0	22.46	22.65	22.48	23.7	2
3	16QAM	8	4	22.50	22.45	22.40		
3	16QAM	8	7	22.43	22.53	22.58		
3	16QAM	15	0	22.42	22.66	22.54		
3	64QAM	1	0	22.52	22.49	22.61	23.7	2
3	64QAM	1	8	22.29	22.36	22.42		
3	64QAM	1	14	22.36	22.44	22.47		
3	64QAM	8	0	21.54	21.68	21.63	22.7	3
3	64QAM	8	4	21.53	21.53	21.47		
3	64QAM	8	7	21.47	21.50	21.55		
3	64QAM	15	0	21.42	21.58	21.47		
3	256QAM	1	0	19.46	19.64	19.57	20.7	5
3	256QAM	1	8	19.48	19.53	19.46		
3	256QAM	1	14	19.52	19.57	19.60		
3	256QAM	8	0	19.53	19.48	19.58	20.7	5
3	256QAM	8	4	19.50	19.57	19.56		
3	256QAM	8	7	19.48	19.39	19.30		
3	256QAM	15	0	19.40	19.52	19.47		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.51	24.54	24.46	25.7	0
1.4	QPSK	1	3	24.51	24.50	24.44		
1.4	QPSK	1	5	24.51	24.45	24.51		
1.4	QPSK	3	0	24.38	24.48	24.40		
1.4	QPSK	3	1	24.38	24.47	24.33		
1.4	QPSK	3	3	24.46	24.38	24.41		
1.4	QPSK	6	0	23.55	23.56	23.50	24.7	1
1.4	16QAM	1	0	23.52	23.50	23.58	24.7	1
1.4	16QAM	1	3	23.34	23.43	23.43		
1.4	16QAM	1	5	23.32	23.48	23.47		
1.4	16QAM	3	0	23.45	23.49	23.42		
1.4	16QAM	3	1	23.47	23.42	23.53		
1.4	16QAM	3	3	23.27	23.37	23.33		
1.4	16QAM	6	0	22.47	22.59	22.45	23.7	2
1.4	64QAM	1	0	22.51	22.60	22.62	23.7	2
1.4	64QAM	1	3	22.31	22.41	22.39		
1.4	64QAM	1	5	22.33	22.54	22.44		
1.4	64QAM	3	0	22.36	22.56	22.31		
1.4	64QAM	3	1	22.37	22.51	22.55		
1.4	64QAM	3	3	22.25	22.37	22.34		
1.4	64QAM	6	0	21.47	21.53	21.50	22.7	3
1.4	256QAM	1	0	19.53	19.66	19.57	20.7	5
1.4	256QAM	1	3	19.36	19.46	19.40		
1.4	256QAM	1	5	19.51	19.48	19.54		
1.4	256QAM	3	0	19.48	19.56	19.63		
1.4	256QAM	3	1	19.52	19.49	19.53		
1.4	256QAM	3	3	19.40	19.43	19.33		
1.4	256QAM	6	0	19.35	19.44	19.39	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.57	24.58	24.51	25.7	0
15	QPSK	1	37	24.50	24.54	24.46		
15	QPSK	1	74	24.55	24.50	24.49		
15	QPSK	36	0	23.53	23.59	23.63	24.7	1
15	QPSK	36	20	23.55	23.61	23.38		
15	QPSK	36	39	23.51	23.55	23.59		
15	QPSK	75	0	23.55	23.60	23.54		
15	16QAM	1	0	23.51	23.60	23.55	24.7	1
15	16QAM	1	37	23.37	23.46	23.40		
15	16QAM	1	74	23.35	23.53	23.53		
15	16QAM	36	0	22.48	22.69	22.60	23.7	2
15	16QAM	36	20	22.54	22.53	22.50		
15	16QAM	36	39	22.47	22.50	22.55		
15	16QAM	75	0	22.54	22.60	22.56		
15	64QAM	1	0	22.49	22.57	22.56	23.7	2
15	64QAM	1	37	22.41	22.38	22.42		
15	64QAM	1	74	22.43	22.52	22.57		
15	64QAM	36	0	21.60	21.64	21.60	22.7	3
15	64QAM	36	20	21.55	21.55	21.47		
15	64QAM	36	39	21.51	21.47	21.57		
15	64QAM	75	0	21.52	21.58	21.50		
15	256QAM	1	0	19.56	19.61	19.60	20.7	5
15	256QAM	1	37	19.50	19.53	19.44		
15	256QAM	1	74	19.54	19.58	19.61		
15	256QAM	36	0	19.53	19.58	19.64	20.7	5
15	256QAM	36	20	19.61	19.54	19.55		
15	256QAM	36	39	19.40	19.44	19.30		
15	256QAM	75	0	19.45	19.47	19.48		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.48	24.52	24.43	25.7	0
10	QPSK	1	25	24.43	24.49	24.35		
10	QPSK	1	49	24.52	24.40	24.48		
10	QPSK	25	0	23.50	23.57	23.53	24.7	1
10	QPSK	25	12	23.51	23.51	23.39		
10	QPSK	25	25	23.46	23.56	23.60		
10	QPSK	50	0	23.46	23.50	23.49		
10	16QAM	1	0	23.46	23.59	23.46	24.7	1
10	16QAM	1	25	23.36	23.41	23.30		
10	16QAM	1	49	23.35	23.43	23.42		
10	16QAM	25	0	22.44	22.69	22.58	23.7	2
10	16QAM	25	12	22.51	22.54	22.39		
10	16QAM	25	25	22.43	22.50	22.47		
10	16QAM	50	0	22.48	22.60	22.50		
10	64QAM	1	0	22.44	22.53	22.51	23.7	2
10	64QAM	1	25	22.37	22.30	22.41		
10	64QAM	1	49	22.33	22.48	22.56		
10	64QAM	25	0	21.51	21.65	21.56	22.7	3
10	64QAM	25	12	21.48	21.50	21.36		
10	64QAM	25	25	21.46	21.40	21.55		
10	64QAM	50	0	21.42	21.53	21.48		
10	256QAM	1	0	19.52	19.57	19.55	20.7	5
10	256QAM	1	25	19.47	19.43	19.41		
10	256QAM	1	49	19.47	19.53	19.56		
10	256QAM	25	0	19.46	19.58	19.60	20.7	5
10	256QAM	25	12	19.59	19.49	19.54		
10	256QAM	25	25	19.38	19.41	19.23		
10	256QAM	50	0	19.40	19.41	19.39		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.57	24.57	24.45	25.7	0
5	QPSK	1	12	24.44	24.46	24.44		
5	QPSK	1	24	24.51	24.50	24.41		
5	QPSK	12	0	23.45	23.53	23.55	24.7	1
5	QPSK	12	7	23.51	23.53	23.31		
5	QPSK	12	13	23.44	23.46	23.54		
5	QPSK	25	0	23.48	23.58	23.45		
5	16QAM	1	0	23.47	23.59	23.51	24.7	1
5	16QAM	1	12	23.30	23.46	23.38		
5	16QAM	1	24	23.27	23.46	23.45		
5	16QAM	12	0	22.47	22.69	22.58	23.7	2
5	16QAM	12	7	22.46	22.47	22.49		
5	16QAM	12	13	22.46	22.40	22.48		
5	16QAM	25	0	22.44	22.56	22.53		
5	64QAM	1	0	22.41	22.57	22.52	23.7	2
5	64QAM	1	12	22.38	22.31	22.39		
5	64QAM	1	24	22.42	22.46	22.49		
5	64QAM	12	0	21.51	21.57	21.50	22.7	3
5	64QAM	12	7	21.53	21.44	21.37		
5	64QAM	12	13	21.45	21.48	21.58		
5	64QAM	25	0	21.50	21.53	21.47		
5	256QAM	1	0	19.53	19.52	19.50	20.7	5
5	256QAM	1	12	19.39	19.52	19.38		
5	256QAM	1	24	19.44	19.49	19.55		
5	256QAM	12	0	19.51	19.49	19.65	20.7	5
5	256QAM	12	7	19.50	19.48	19.45		
5	256QAM	12	13	19.39	19.38	19.28		
5	256QAM	25	0	19.40	19.48	19.48		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.54	24.51	24.51	25.7	0
3	QPSK	1	8	24.46	24.52	24.46		
3	QPSK	1	14	24.54	24.51	24.48		
3	QPSK	8	0	23.52	23.57	23.57	24.7	1
3	QPSK	8	4	23.53	23.51	23.35		
3	QPSK	8	7	23.49	23.47	23.52		
3	QPSK	15	0	23.47	23.58	23.55		
3	16QAM	1	0	23.46	23.55	23.46	24.7	1
3	16QAM	1	8	23.27	23.46	23.37		
3	16QAM	1	14	23.24	23.43	23.54		
3	16QAM	8	0	22.41	22.69	22.52	23.7	2
3	16QAM	8	4	22.44	22.50	22.46		
3	16QAM	8	7	22.47	22.50	22.45		
3	16QAM	15	0	22.49	22.51	22.55		
3	64QAM	1	0	22.41	22.52	22.57	23.7	2
3	64QAM	1	8	22.31	22.32	22.34		
3	64QAM	1	14	22.43	22.49	22.58		
3	64QAM	8	0	21.50	21.58	21.55	22.7	3
3	64QAM	8	4	21.47	21.49	21.43		
3	64QAM	8	7	21.51	21.46	21.50		
3	64QAM	15	0	21.43	21.48	21.42		
3	256QAM	1	0	19.48	19.55	19.52	20.7	5
3	256QAM	1	8	19.44	19.43	19.44		
3	256QAM	1	14	19.46	19.54	19.51		
3	256QAM	8	0	19.45	19.57	19.57	20.7	5
3	256QAM	8	4	19.50	19.50	19.49		
3	256QAM	8	7	19.34	19.40	19.21		
3	256QAM	15	0	19.37	19.37	19.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.49	24.44	24.46	25.7	0
1.4	QPSK	1	3	24.43	24.45	24.42		
1.4	QPSK	1	5	24.45	24.44	24.51		
1.4	QPSK	3	0	24.32	24.45	24.35		
1.4	QPSK	3	1	24.30	24.36	24.29		
1.4	QPSK	3	3	24.40	24.27	24.37		
1.4	QPSK	6	0	23.45	23.47	23.42	24.7	1
1.4	16QAM	1	0	23.49	23.40	23.48	24.7	1
1.4	16QAM	1	3	23.35	23.39	23.32		
1.4	16QAM	1	5	23.31	23.48	23.43		
1.4	16QAM	3	0	23.37	23.49	23.39		
1.4	16QAM	3	1	23.42	23.37	23.54		
1.4	16QAM	3	3	23.24	23.34	23.24		
1.4	16QAM	6	0	22.41	22.59	22.43	23.7	2
1.4	64QAM	1	0	22.43	22.49	22.59	23.7	2
1.4	64QAM	1	3	22.26	22.33	22.36		
1.4	64QAM	1	5	22.27	22.52	22.38		
1.4	64QAM	3	0	22.30	22.55	22.30		
1.4	64QAM	3	1	22.29	22.51	22.56		
1.4	64QAM	3	3	22.25	22.31	22.29		
1.4	64QAM	6	0	21.44	21.51	21.49	22.7	3
1.4	256QAM	1	0	19.52	19.62	19.52	20.7	5
1.4	256QAM	1	3	19.28	19.44	19.30		
1.4	256QAM	1	5	19.46	19.38	19.45		
1.4	256QAM	3	0	19.47	19.50	19.54		
1.4	256QAM	3	1	19.46	19.49	19.51		
1.4	256QAM	3	3	19.37	19.33	19.22		
1.4	256QAM	6	0	19.27	19.34	19.37	20.7	5

Band 2 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.22	23.24	23.13	25	0
20	QPSK	1	49	23.15	23.21	23.09		
20	QPSK	1	99	23.17	23.19	23.08		
20	QPSK	50	0	22.23	22.30	22.11		
20	QPSK	50	24	22.18	22.25	22.06	24	1
20	QPSK	50	50	22.16	22.24	22.04		
20	QPSK	100	0	22.21	22.29	22.17		
20	16QAM	1	0	22.27	22.23	22.10		
20	16QAM	1	49	22.14	22.24	22.09	24	1
20	16QAM	1	99	22.23	22.23	22.11		
20	16QAM	50	0	21.24	21.24	21.11		
20	16QAM	50	24	21.19	21.25	21.05	23	2
20	16QAM	50	50	21.19	21.24	21.03		
20	16QAM	100	0	21.21	21.34	21.22		
20	64QAM	1	0	21.23	21.29	21.07		
20	64QAM	1	49	21.13	21.29	21.08	23	2
20	64QAM	1	99	21.23	21.28	21.16		
20	64QAM	50	0	20.26	20.33	20.13		
20	64QAM	50	24	20.14	20.19	20.01	22	3
20	64QAM	50	50	20.19	20.18	20.00		
20	64QAM	100	0	20.15	20.34	20.19		
20	256QAM	1	0	18.24	18.25	18.06		
20	256QAM	1	49	18.20	18.29	18.07	20	5
20	256QAM	1	99	18.22	18.24	18.03		
20	256QAM	50	0	18.26	18.34	18.18		
20	256QAM	50	24	18.30	18.24	18.07	20	5
20	256QAM	50	50	18.30	18.25	18.06		
20	256QAM	100	0	18.27	18.27	18.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.20	23.22	23.11	25	0
15	QPSK	1	37	23.19	23.21	23.08		
15	QPSK	1	74	23.19	23.11	23.00		
15	QPSK	36	0	22.21	22.21	22.10		
15	QPSK	36	20	22.17	22.27	22.02	24	1
15	QPSK	36	39	22.13	22.26	22.06		
15	QPSK	75	0	22.18	22.31	22.10		
15	16QAM	1	0	22.22	22.21	22.02		
15	16QAM	1	37	22.16	22.27	22.06	24	1
15	16QAM	1	74	22.16	22.26	22.04		
15	16QAM	36	0	21.15	21.21	21.08		
15	16QAM	36	20	21.13	21.27	21.01	23	2
15	16QAM	36	39	21.16	21.18	21.03		
15	16QAM	75	0	21.18	21.28	21.20		
15	64QAM	1	0	21.21	21.20	21.28		
15	64QAM	1	37	21.07	21.28	21.08	23	2
15	64QAM	1	74	21.19	21.25	21.09		
15	64QAM	36	0	20.18	20.31	20.14		
15	64QAM	36	20	20.10	20.20	20.03	22	3
15	64QAM	36	39	20.21	20.13	20.01		
15	64QAM	75	0	20.17	20.30	20.17		
15	256QAM	1	0	18.26	18.19	18.05		
15	256QAM	1	37	18.13	18.22	18.05	20	5
15	256QAM	1	74	18.17	18.20	18.13		
15	256QAM	36	0	18.21	18.32	18.13		
15	256QAM	36	20	18.26	18.20	18.04	20	5
15	256QAM	36	39	18.04	18.23	18.01		
15	256QAM	75	0	18.19	18.30	18.11		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.18	23.22	23.05	25	0
10	QPSK	1	25	23.09	23.14	23.11		
10	QPSK	1	49	23.09	23.17	23.05		
10	QPSK	25	0	22.25	22.26	22.04		
10	QPSK	25	12	22.17	22.21	22.03	24	1
10	QPSK	25	25	22.22	22.22	22.13		
10	QPSK	50	0	22.13	22.24	22.15		
10	16QAM	1	0	22.24	22.25	22.08		
10	16QAM	1	25	22.17	22.21	22.03	24	1
10	16QAM	1	49	22.17	22.23	22.09		
10	16QAM	25	0	21.24	21.20	21.09		
10	16QAM	25	12	21.11	21.17	21.05	23	2
10	16QAM	25	25	21.13	21.17	21.27		
10	16QAM	50	0	21.13	21.27	21.19		
10	64QAM	1	0	21.26	21.27	21.04		
10	64QAM	1	25	21.15	21.20	21.00	23	2
10	64QAM	1	49	21.21	21.30	21.11		
10	64QAM	25	0	20.25	20.31	20.07		
10	64QAM	25	12	20.08	20.20	20.08	22	3
10	64QAM	25	25	20.19	20.20	20.02		
10	64QAM	50	0	20.16	20.26	20.15		
10	256QAM	1	0	18.16	18.26	18.02		
10	256QAM	1	25	18.11	18.20	18.10	20	5
10	256QAM	1	49	18.17	18.16	18.03		
10	256QAM	25	0	18.27	18.27	18.14		
10	256QAM	25	12	18.17	18.18	18.06	20	5
10	256QAM	25	25	18.00	18.28	18.08		
10	256QAM	50	0	18.29	18.19	18.08		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.19	23.18	23.10	25	0
5	QPSK	1	12	23.12	23.16	23.08		
5	QPSK	1	24	23.19	23.16	23.04		
5	QPSK	12	0	22.20	22.26	22.09		
5	QPSK	12	7	22.11	22.16	22.01	24	1
5	QPSK	12	13	22.17	22.16	22.00		
5	QPSK	25	0	22.14	22.25	22.09		
5	16QAM	1	0	22.29	22.19	22.03		
5	16QAM	1	12	22.17	22.17	22.00	24	1
5	16QAM	1	24	22.24	22.19	22.04		
5	16QAM	12	0	21.17	21.24	21.04		
5	16QAM	12	7	21.17	21.19	21.06	23	2
5	16QAM	12	13	21.20	21.17	21.16		
5	16QAM	25	0	21.16	21.35	21.22		
5	64QAM	1	0	21.21	21.24	21.07		
5	64QAM	1	12	21.06	21.24	21.10	23	2
5	64QAM	1	24	21.24	21.25	21.17		
5	64QAM	12	0	20.25	20.28	20.04		
5	64QAM	12	7	20.09	20.11	20.00	22	3
5	64QAM	12	13	20.20	20.20	20.00		
5	64QAM	25	0	20.11	20.30	20.19		
5	256QAM	1	0	18.19	18.21	18.05		
5	256QAM	1	12	18.21	18.26	18.07	20	5
5	256QAM	1	24	18.22	18.18	18.04		
5	256QAM	12	0	18.23	18.30	18.19		
5	256QAM	12	7	18.28	18.20	18.08	20	5
5	256QAM	12	13	18.07	18.22	18.05		
5	256QAM	25	0	18.20	18.24	18.10		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.20	23.18	23.10	25	0
3	QPSK	1	8	23.07	23.16	23.01		
3	QPSK	1	14	23.18	23.18	23.05		
3	QPSK	8	0	22.18	22.26	22.10		
3	QPSK	8	4	22.15	22.21	22.00	24	1
3	QPSK	8	7	22.18	22.22	22.02		
3	QPSK	15	0	22.14	22.27	22.12		
3	16QAM	1	0	22.26	22.21	22.09		
3	16QAM	1	8	22.12	22.18	22.02	24	1
3	16QAM	1	14	22.19	22.16	22.02		
3	16QAM	8	0	21.19	21.22	21.06		
3	16QAM	8	4	21.13	21.24	21.12	23	2
3	16QAM	8	7	21.12	21.21	21.01		
3	16QAM	15	0	21.23	21.36	21.20		
3	64QAM	1	0	21.20	21.25	21.03		
3	64QAM	1	8	21.07	21.26	21.01	23	2
3	64QAM	1	14	21.21	21.26	21.16		
3	64QAM	8	0	20.17	20.36	20.05		
3	64QAM	8	4	20.06	20.20	20.02	22	3
3	64QAM	8	7	20.20	20.18	20.01		
3	64QAM	15	0	20.16	20.26	20.15		
3	256QAM	1	0	18.20	18.25	18.00		
3	256QAM	1	8	18.13	18.26	18.21	20	5
3	256QAM	1	14	18.21	18.21	18.00		
3	256QAM	8	0	18.27	18.29	18.12		
3	256QAM	8	4	18.29	18.18	18.08	20	5
3	256QAM	8	7	18.10	18.21	18.01		
3	256QAM	15	0	18.24	18.28	18.03		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.22	23.21	23.15	25	0
1.4	QPSK	1	3	23.07	23.14	23.01		
1.4	QPSK	1	5	23.14	23.11	23.10		
1.4	QPSK	3	0	23.19	23.21	23.15		
1.4	QPSK	3	1	23.07	23.08	23.03		
1.4	QPSK	3	3	23.09	23.08	23.09		
1.4	QPSK	6	0	22.23	22.29	22.19	24	1
1.4	16QAM	1	0	22.30	22.16	22.04		
1.4	16QAM	1	3	22.12	22.18	22.05		
1.4	16QAM	1	5	22.14	22.23	22.08	24	1
1.4	16QAM	3	0	22.15	22.30	22.12		
1.4	16QAM	3	1	22.33	22.19	22.00		
1.4	16QAM	3	3	22.06	22.10	22.04		
1.4	16QAM	6	0	21.23	21.32	21.21	23	2
1.4	64QAM	1	0	21.20	21.24	21.00		
1.4	64QAM	1	3	21.08	21.31	21.04		
1.4	64QAM	1	5	21.15	21.29	21.10	23	2
1.4	64QAM	3	0	21.21	21.24	21.13		
1.4	64QAM	3	1	21.17	21.26	21.01		
1.4	64QAM	3	3	21.08	21.29	21.06		
1.4	64QAM	6	0	20.17	20.26	20.20	22	3
1.4	256QAM	1	0	18.24	18.17	18.02		
1.4	256QAM	1	3	18.20	18.22	18.05		
1.4	256QAM	1	5	18.24	18.24	18.18	20	5
1.4	256QAM	3	0	18.18	18.35	18.16		
1.4	256QAM	3	1	18.26	18.26	18.03		
1.4	256QAM	3	3	18.12	18.24	18.04		
1.4	256QAM	6	0	18.27	18.19	18.08	20	5

Band 4 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.22	24.28	24.18	25.7	0
20	QPSK	1	49	23.97	24.26	24.12		
20	QPSK	1	99	24.00	24.11	24.09		
20	QPSK	50	0	23.03	23.33	23.06		
20	QPSK	50	24	23.06	23.30	23.08	24.7	1
20	QPSK	50	50	23.00	23.08	23.11		
20	QPSK	100	0	23.05	22.25	23.15		
20	16QAM	1	0	23.02	23.19	23.11		
20	16QAM	1	49	22.98	23.18	23.12	24.7	1
20	16QAM	1	99	23.02	23.23	23.10		
20	16QAM	50	0	22.04	22.29	22.12		
20	16QAM	50	24	21.98	22.23	22.17	23.7	2
20	16QAM	50	50	21.99	22.07	22.08		
20	16QAM	100	0	22.08	22.33	22.14		
20	64QAM	1	0	22.05	22.25	22.19		
20	64QAM	1	49	21.93	22.26	22.08	23.7	2
20	64QAM	1	99	22.08	22.16	22.12		
20	64QAM	50	0	21.12	21.20	21.18		
20	64QAM	50	24	20.99	21.21	21.07	22.7	3
20	64QAM	50	50	21.01	21.11	21.09		
20	64QAM	100	0	21.06	21.23	21.12		
20	256QAM	1	0	19.03	19.30	19.14		
20	256QAM	1	49	19.02	19.26	19.15	20.7	5
20	256QAM	1	99	18.93	19.10	19.12		
20	256QAM	50	0	19.07	19.29	19.13		
20	256QAM	50	24	18.98	19.26	19.24	20.7	5
20	256QAM	50	50	18.98	19.27	19.17		
20	256QAM	100	0	19.06	19.21	19.26		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.19	24.15	24.09	25.7	0
15	QPSK	1	37	24.03	24.14	24.03		
15	QPSK	1	74	23.96	24.07	24.04		
15	QPSK	36	0	23.00	23.26	23.01		
15	QPSK	36	20	23.02	23.23	22.96	24.7	1
15	QPSK	36	39	22.92	23.06	23.09		
15	QPSK	75	0	23.00	23.21	23.12		
15	16QAM	1	0	22.89	23.06	22.99		
15	16QAM	1	37	22.94	23.16	23.08	24.7	1
15	16QAM	1	74	22.96	23.20	22.97		
15	16QAM	36	0	21.96	22.27	22.05		
15	16QAM	36	20	21.86	22.16	22.11	23.7	2
15	16QAM	36	39	21.86	22.04	21.99		
15	16QAM	75	0	21.98	22.24	22.03		
15	64QAM	1	0	22.03	22.22	22.06		
15	64QAM	1	37	21.82	22.16	21.99	23.7	2
15	64QAM	1	74	21.97	22.04	22.03		
15	64QAM	36	0	21.00	21.14	21.14		
15	64QAM	36	20	20.90	21.18	20.96	22.7	3
15	64QAM	36	39	20.88	20.99	21.01		
15	64QAM	75	0	20.93	21.18	21.06		
15	256QAM	1	0	18.96	19.17	19.11		
15	256QAM	1	37	18.89	19.22	19.01	20.7	5
15	256QAM	1	74	18.90	19.06	19.10		
15	256QAM	36	0	18.99	19.27	19.26		
15	256QAM	36	20	18.96	19.15	19.12	20.7	5
15	256QAM	36	39	18.84	19.14	19.05		
15	256QAM	75	0	19.00	19.15	19.24		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.11	24.24	24.02	25.7	0
10	QPSK	1	25	23.95	24.19	23.99		
10	QPSK	1	49	23.93	24.02	24.01		
10	QPSK	25	0	23.00	23.26	23.02		
10	QPSK	25	12	22.95	23.19	22.99	24.7	1
10	QPSK	25	25	22.96	22.96	23.05		
10	QPSK	50	0	22.93	23.15	23.12		
10	16QAM	1	0	22.91	23.05	22.97		
10	16QAM	1	25	22.88	23.05	23.02	24.7	1
10	16QAM	1	49	22.99	23.11	23.06		
10	16QAM	25	0	21.98	22.18	22.07		
10	16QAM	25	12	21.91	22.10	22.11	23.7	2
10	16QAM	25	25	21.97	21.98	21.94		
10	16QAM	50	0	21.97	22.25	22.08		
10	64QAM	1	0	21.98	22.18	22.14		
10	64QAM	1	25	21.81	22.14	22.01	23.7	2
10	64QAM	1	49	21.94	22.02	22.04		
10	64QAM	25	0	21.04	21.16	21.10		
10	64QAM	25	12	20.93	21.17	20.96	22.7	3
10	64QAM	25	25	20.98	21.01	21.05		
10	64QAM	50	0	21.00	21.13	21.09		
10	256QAM	1	0	18.93	19.19	19.09		
10	256QAM	1	25	18.96	19.14	19.10	20.7	5
10	256QAM	1	49	18.80	19.07	19.08		
10	256QAM	25	0	18.97	19.20	19.26		
10	256QAM	25	12	18.96	19.12	19.14	20.7	5
10	256QAM	25	25	18.88	19.25	19.05		
10	256QAM	50	0	18.95	19.10	19.14		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.14	24.22	24.09	25.7	0
5	QPSK	1	12	23.84	24.17	24.08		
5	QPSK	1	24	23.92	24.04	23.98		
5	QPSK	12	0	22.96	23.27	23.00		
5	QPSK	12	7	22.88	23.25	22.96	24.7	1
5	QPSK	12	13	22.95	23.03	23.04		
5	QPSK	25	0	22.98	23.14	23.06		
5	16QAM	1	0	22.92	23.16	23.07		
5	16QAM	1	12	22.88	23.12	23.07	24.7	1
5	16QAM	1	24	22.89	23.20	22.99		
5	16QAM	12	0	21.98	22.16	22.09		
5	16QAM	12	7	21.96	22.10	22.07	23.7	2
5	16QAM	12	13	21.88	22.02	21.97		
5	16QAM	25	0	21.95	22.25	22.11		
5	64QAM	1	0	21.95	22.20	22.12		
5	64QAM	1	12	21.82	22.19	22.03	23.7	2
5	64QAM	1	24	22.00	22.17	21.99		
5	64QAM	12	0	20.99	21.18	21.07		
5	64QAM	12	7	20.86	21.28	20.99	22.7	3
5	64QAM	12	13	20.96	21.02	21.04		
5	64QAM	25	0	20.96	21.17	21.05		
5	256QAM	1	0	18.97	19.21	19.02		
5	256QAM	1	12	18.90	19.23	19.10	20.7	5
5	256QAM	1	24	18.80	18.97	19.04		
5	256QAM	12	0	18.91	19.18	19.17		
5	256QAM	12	7	18.88	19.19	19.19	20.7	5
5	256QAM	12	13	18.91	19.18	19.14		
5	256QAM	25	0	18.99	19.18	19.16		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.19	24.17	24.16	25.7	0
3	QPSK	1	8	23.85	24.12	24.05		
3	QPSK	1	14	23.91	24.03	23.98		
3	QPSK	8	0	22.99	23.25	22.96		
3	QPSK	8	4	22.95	23.17	23.03	24.7	1
3	QPSK	8	7	22.88	22.97	23.07		
3	QPSK	15	0	23.00	23.14	23.06		
3	16QAM	1	0	22.95	23.13	23.01		
3	16QAM	1	8	22.88	23.13	23.08	24.7	1
3	16QAM	1	14	22.92	23.18	23.07		
3	16QAM	8	0	21.99	22.23	22.04		
3	16QAM	8	4	21.91	22.19	22.11	23.7	2
3	16QAM	8	7	21.93	22.01	22.00		
3	16QAM	15	0	21.96	22.24	22.06		
3	64QAM	1	0	21.92	22.20	22.14		
3	64QAM	1	8	21.89	22.24	22.06	23.7	2
3	64QAM	1	14	21.96	22.05	22.01		
3	64QAM	8	0	21.09	21.15	21.06		
3	64QAM	8	4	20.95	21.17	21.01	22.7	3
3	64QAM	8	7	20.91	21.09	21.03		
3	64QAM	15	0	21.00	21.18	21.07		
3	256QAM	1	0	18.91	19.27	19.08		
3	256QAM	1	8	18.89	19.19	19.03	20.7	5
3	256QAM	1	14	18.91	19.03	19.08		
3	256QAM	8	0	18.94	19.20	19.20		
3	256QAM	8	4	18.94	19.23	19.15	20.7	5
3	256QAM	8	7	18.83	19.25	19.12		
3	256QAM	15	0	18.95	19.17	19.14		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.16	24.18	24.13	25.7	0
1.4	QPSK	1	3	23.94	24.21	24.07		
1.4	QPSK	1	5	23.94	24.08	23.98		
1.4	QPSK	3	0	24.08	24.14	24.07		
1.4	QPSK	3	1	23.91	24.08	23.98		
1.4	QPSK	3	3	23.88	24.04	23.92		
1.4	QPSK	6	0	22.95	23.17	23.01	24.7	1
1.4	16QAM	1	0	22.95	23.07	23.07		
1.4	16QAM	1	3	22.87	23.09	23.07		
1.4	16QAM	1	5	22.88	23.19	23.06	24.7	1
1.4	16QAM	3	0	22.84	23.05	22.94		
1.4	16QAM	3	1	22.86	23.01	23.04		
1.4	16QAM	3	3	22.77	23.02	23.02		
1.4	16QAM	6	0	22.00	22.24	22.01	23.7	2
1.4	64QAM	1	0	21.97	22.17	22.13		
1.4	64QAM	1	3	21.81	22.18	21.95		
1.4	64QAM	1	5	22.00	22.10	22.10	23.7	2
1.4	64QAM	3	0	21.95	22.12	21.94		
1.4	64QAM	3	1	21.83	22.03	22.10		
1.4	64QAM	3	3	21.79	22.14	21.93		
1.4	64QAM	6	0	20.95	21.11	21.08	22.7	3
1.4	256QAM	1	0	19.00	19.16	19.06		
1.4	256QAM	1	3	18.95	19.12	19.03		
1.4	256QAM	1	5	18.96	19.02	19.00	20.7	5
1.4	256QAM	3	0	19.00	19.17	19.28		
1.4	256QAM	3	1	18.89	19.16	19.19		
1.4	256QAM	3	3	18.92	19.14	19.06		
1.4	256QAM	6	0	19.03	19.13	19.12	20.7	5

Band 7 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.96	24.05	24.03	25.5	0
20	QPSK	1	49	23.94	23.99	23.91		
20	QPSK	1	99	23.90	23.92	23.97		
20	QPSK	50	0	22.95	23.10	23.07		
20	QPSK	50	24	22.93	22.95	22.91	24.5	1
20	QPSK	50	50	22.86	22.90	22.96		
20	QPSK	100	0	22.94	23.09	23.00		
20	16QAM	1	0	23.00	23.05	23.07		
20	16QAM	1	49	22.94	23.02	22.92	24.5	1
20	16QAM	1	99	22.96	22.90	22.93		
20	16QAM	50	0	22.01	22.13	22.08		

Band 2 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.17	24.22	24.15	25.5	0
20	QPSK	1	49	24.06	24.19	24.11		
20	QPSK	1	99	24.07	24.22	24.08		
20	QPSK	50	0	23.17	23.26	23.17		
20	QPSK	50	24	23.06	23.22	23.10	24.5	1
20	QPSK	50	50	23.06	23.19	23.04		
20	QPSK	100	0	23.16	23.23	23.11		
20	16QAM	1	0	23.15	23.21	23.16		
20	16QAM	1	49	23.08	23.16	23.15	24.5	1
20	16QAM	1	99	23.08	23.12	23.01		
20	16QAM	50	0	22.19	22.31	22.21		
20	16QAM	50	24	22.10	22.18	22.12	23.5	2
20	16QAM	50	50	22.08	22.19	21.99		
20	16QAM	100	0	22.15	22.29	22.10		
20	64QAM	1	0	22.16	22.26	22.11		
20	64QAM	1	49	22.11	22.19	22.20	23.5	2
20	64QAM	1	99	22.08	22.06	21.97		
20	64QAM	50	0	21.17	21.29	21.16		
20	64QAM	50	24	21.02	21.27	21.08	22.5	3
20	64QAM	50	50	21.02	21.20	21.03		
20	64QAM	100	0	21.18	21.23	21.09		
20	256QAM	1	0	19.21	19.28	19.20		
20	256QAM	1	49	19.00	19.21	19.08	20.5	5
20	256QAM	1	99	19.04	19.13	19.05		
20	256QAM	50	0	19.19	19.25	19.12		
20	256QAM	50	24	19.11	19.19	19.20	20.5	5
20	256QAM	50	50	19.08	19.12	19.17		
20	256QAM	100	0	19.10	19.12	19.06		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.14	24.12	24.01	25.5	0
15	QPSK	1	37	24.03	24.11	24.03		
15	QPSK	1	74	24.04	24.05	24.01		
15	QPSK	36	0	23.04	23.21	23.07	24.5	1
15	QPSK	36	20	22.98	23.17	23.03		
15	QPSK	36	39	22.95	23.12	22.99		
15	QPSK	75	0	23.09	23.15	23.08		
15	16QAM	1	0	23.02	23.08	23.09	24.5	1
15	16QAM	1	37	22.98	23.11	23.08		
15	16QAM	1	74	22.95	23.06	22.98		
15	16QAM	36	0	22.07	22.22	22.15	23.5	2
15	16QAM	36	20	22.00	22.11	22.00		
15	16QAM	36	39	21.96	22.12	21.90		
15	16QAM	75	0	22.10	22.24	21.97		
15	64QAM	1	0	22.10	22.14	22.08	23.5	2
15	64QAM	1	37	22.01	22.10	22.14		
15	64QAM	1	74	21.99	21.94	21.95		
15	64QAM	36	0	21.08	21.21	21.05	22.5	3
15	64QAM	36	20	20.97	21.21	21.06		
15	64QAM	36	39	20.96	21.17	20.93		
15	64QAM	75	0	21.04	21.15	21.02		
15	256QAM	1	0	19.17	19.18	19.17	20.5	5
15	256QAM	1	37	18.89	19.10	19.00		
15	256QAM	1	74	18.93	19.03	18.93		
15	256QAM	36	0	19.14	19.16	19.01	20.5	5
15	256QAM	36	20	19.04	19.07	19.15		
15	256QAM	36	39	18.94	18.99	18.95		
15	256QAM	75	0	18.98	19.02	18.96		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.07	24.16	24.13	25.5	0
10	QPSK	1	25	24.02	24.07	24.01		
10	QPSK	1	49	23.95	24.14	23.99		
10	QPSK	25	0	23.07	23.14	23.06	24.5	1
10	QPSK	25	12	22.99	23.18	23.04		
10	QPSK	25	25	22.92	23.07	22.99		
10	QPSK	50	0	23.14	23.14	22.99		
10	16QAM	1	0	23.08	23.18	23.10	24.5	1
10	16QAM	1	25	22.98	23.13	23.11		
10	16QAM	1	49	23.01	23.02	22.97		
10	16QAM	25	0	22.13	22.25	22.16	23.5	2
10	16QAM	25	12	22.05	22.08	22.08		
10	16QAM	25	25	22.04	22.11	21.95		
10	16QAM	50	0	22.04	22.23	21.99		
10	64QAM	1	0	22.09	22.21	21.98	23.5	2
10	64QAM	1	25	22.08	22.16	22.15		
10	64QAM	1	49	21.96	21.95	21.94		
10	64QAM	25	0	21.10	21.21	21.13	22.5	3
10	64QAM	25	12	20.95	21.25	20.98		
10	64QAM	25	25	21.00	21.14	20.96		
10	64QAM	50	0	21.06	21.14	21.02		
10	256QAM	1	0	19.11	19.22	19.11	20.5	5
10	256QAM	1	25	18.92	19.12	18.96		
10	256QAM	1	49	18.94	19.03	18.99		
10	256QAM	25	0	19.13	19.13	19.02	20.5	5
10	256QAM	25	12	18.98	19.17	19.16		
10	256QAM	25	25	19.02	19.08	19.13		
10	256QAM	50	0	19.01	19.08	18.94		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.04	24.14	24.09	25.5	0
5	QPSK	1	12	24.03	24.15	24.00		
5	QPSK	1	24	23.93	24.03	23.93		
5	QPSK	12	0	23.10	23.21	23.06	24.5	1
5	QPSK	12	7	22.92	23.12	23.03		
5	QPSK	12	13	23.03	23.10	22.95		
5	QPSK	25	0	23.11	23.19	23.01		
5	16QAM	1	0	23.05	23.16	23.08	24.5	1
5	16QAM	1	12	23.05	23.07	23.06		
5	16QAM	1	24	23.01	23.02	22.95		
5	16QAM	12	0	22.06	22.26	22.18	23.5	2
5	16QAM	12	7	22.08	22.07	22.08		
5	16QAM	12	13	21.97	22.12	21.89		
5	16QAM	25	0	22.12	22.27	22.04		
5	64QAM	1	0	22.02	22.19	22.00	23.5	2
5	64QAM	1	12	22.05	22.15	22.06		
5	64QAM	1	24	21.93	21.96	21.94		
5	64QAM	12	0	21.06	21.17	21.12	22.5	3
5	64QAM	12	7	20.88	21.22	21.04		
5	64QAM	12	13	20.89	21.13	20.91		
5	64QAM	25	0	21.07	21.17	20.98		
5	256QAM	1	0	19.11	19.17	19.07	20.5	5
5	256QAM	1	12	18.86	19.16	19.00		
5	256QAM	1	24	18.93	19.08	18.98		
5	256QAM	12	0	19.09	19.22	19.08	20.5	5
5	256QAM	12	7	19.06	19.14	19.16		
5	256QAM	12	13	19.03	19.06	19.06		
5	256QAM	25	0	19.08	19.03	18.93		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.08	24.15	24.11	25.5	0
3	QPSK	1	8	23.99	24.06	24.02		
3	QPSK	1	14	24.02	24.05	23.97		
3	QPSK	8	0	23.15	23.22	23.14	24.5	1
3	QPSK	8	4	23.03	23.10	22.97		
3	QPSK	8	7	22.92	23.11	23.01		
3	QPSK	15	0	23.03	23.18	23.01		
3	16QAM	1	0	23.00	23.18	23.06	24.5	1
3	16QAM	1	8	23.00	23.10	23.11		
3	16QAM	1	14	22.95	23.01	22.88		
3	16QAM	8	0	22.07	22.24	22.14	23.5	2
3	16QAM	8	4	22.04	22.15	22.09		
3	16QAM	8	7	22.04	22.09	21.96		
3	16QAM	15	0	22.02	22.24	22.03	23.5	2
3	64QAM	1	0	22.06	22.19	21.97		
3	64QAM	1	8	22.02	22.16	22.11		
3	64QAM	1	14	21.96	21.93	21.86		
3	64QAM	8	0	21.05	21.17	21.09	22.5	3
3	64QAM	8	4	20.93	21.15	21.04		
3	64QAM	8	7	20.91	21.07	20.92		
3	64QAM	15	0	21.14	21.09	21.05		
3	256QAM	1	0	19.14	19.25	19.13	20.5	5
3	256QAM	1	8	18.86	19.16	18.94		
3	256QAM	1	14	18.98	19.06	19.00		
3	256QAM	8	0	19.11	19.21	19.00	20.5	5
3	256QAM	8	4	19.03	19.16	19.10		
3	256QAM	8	7	19.05	19.07	19.09		
3	256QAM	15	0	19.02	19.06	18.95		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.13	24.13	24.03	25.5	0
1.4	QPSK	1	3	24.00	24.09	23.97		
1.4	QPSK	1	5	23.96	24.05	24.00		
1.4	QPSK	3	0	24.06	24.05	23.90		
1.4	QPSK	3	1	23.95	24.01	23.87		
1.4	QPSK	3	3	23.92	24.00	23.88	24.5	1
1.4	QPSK	6	0	23.07	23.17	23.03		
1.4	16QAM	1	0	23.02	23.16	23.05	24.5	1
1.4	16QAM	1	3	23.00	23.07	23.03		
1.4	16QAM	1	5	22.95	23.08	22.94		
1.4	16QAM	3	0	22.93	23.06	22.98		
1.4	16QAM	3	1	22.95	23.04	23.03		
1.4	16QAM	3	3	22.93	22.94	22.91		
1.4	16QAM	6	0	22.04	22.16	22.01	23.5	2
1.4	64QAM	1	0	22.09	22.16	21.98	23.5	2
1.4	64QAM	1	3	21.99	22.10	22.11		
1.4	64QAM	1	5	21.97	21.97	21.87		
1.4	64QAM	3	0	21.92	22.04	21.93		
1.4	64QAM	3	1	22.01	22.02	21.91		
1.4	64QAM	3	3	21.87	22.05	22.08		
1.4	64QAM	6	0	21.05	21.18	21.02	22.5	3
1.4	256QAM	1	0	19.18	19.18	19.12	20.5	5
1.4	256QAM	1	3	18.91	19.10	18.99		
1.4	256QAM	1	5	18.92	19.11	18.98		
1.4	256QAM	3	0	19.12	19.16	19.01		
1.4	256QAM	3	1	19.01	19.14	19.08		
1.4	256QAM	3	3	19.04	18.99	19.08		
1.4	256QAM	6	0	19.03	19.04	19.04	20.5	5

Band 4 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	25.06	25.17	25.10	25.7	0
20	QPSK	1	49	25.03	25.12	25.06		
20	QPSK	1	99	25.00	25.09	25.07		
20	QPSK	50	0	24.11	24.22	24.11	24.7	1
20	QPSK	50	24	23.99	24.15	24.06		
20	QPSK	50	50	23.95	24.13	24.06		
20	QPSK	100	0	24.00	24.19	24.13		
20	16QAM	1	0	24.11	24.17	24.08	24.7	1
20	16QAM	1	49	24.04	24.14	24.08		
20	16QAM	1	99	24.02	24.11	24.10		
20	16QAM	50	0	23.12	23.19	23.14	23.7	2
20	16QAM	50	24	23.04	23.13	23.01		
20	16QAM	50	50	22.97	23.10	23.02		
20	16QAM	100	0	23.08	23.19	23.11		
20	64QAM	1	0	23.11	23.20	23.09	23.7	2
20	64QAM	1	49	23.05	23.18	23.09		
20	64QAM	1	99	22.98	23.11	23.11		
20	64QAM	50	0	22.13	22.23	22.12	22.7	3
20	64QAM	50	24	22.00	22.16	22.04		
20	64QAM	50	50	21.95	22.08	22.04		
20	64QAM	100	0	22.06	22.16	22.12		
20	256QAM	1	0	20.14	20.18	20.09	20.7	5
20	256QAM	1	49	19.95	20.17	20.09		
20	256QAM	1	99	19.93	20.13	20.02		
20	256QAM	50	0	20.02	20.15	20.10	20.7	5
20	256QAM	50	24	20.16	20.13	20.11		
20	256QAM	50	50	20.00	20.13	20.04		
20	256QAM	100	0	20.05	20.17	20.15		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.96	25.05	25.00	25.7	0
15	QPSK	1	37	24.98	25.03	24.94		
15	QPSK	1	74	24.87	25.02	24.93		
15	QPSK	36	0	24.00	24.13	24.01	24.7	1
15	QPSK	36	20	23.95	24.09	23.93		
15	QPSK	36	39	23.85	24.04	24.07		
15	QPSK	75	0	24.03	24.07	24.09		
15	16QAM	1	0	24.00	24.08	24.04	24.7	1
15	16QAM	1	37	24.00	24.02	23.98		
15	16QAM	1	74	23.91	24.02	24.04		
15	16QAM	36	0	23.07	23.13	23.00	23.7	2
15	16QAM	36	20	22.90	23.02	22.88		
15	16QAM	36	39	22.94	23.01	22.96		
15	16QAM	75	0	22.94	23.08	23.05		
15	64QAM	1	0	23.02	23.11	23.05	23.7	2
15	64QAM	1	37	22.98	23.15	23.01		
15	64QAM	1	74	22.88	23.09	22.99		
15	64QAM	36	0	22.00	22.21	21.99	22.7	3
15	64QAM	36	20	21.94	22.10	21.95		
15	64QAM	36	39	21.82	21.96	21.94		
15	64QAM	75	0	21.94	22.06	22.08		
15	256QAM	1	0	20.11	20.12	20.07	20.7	5
15	256QAM	1	37	19.86	20.14	20.07		
15	256QAM	1	74	19.87	20.00	19.92		
15	256QAM	36	0	19.99	20.07	20.00	20.7	5
15	256QAM	36	20	20.12	20.03	20.05		
15	256QAM	36	39	19.96	20.10	19.95		
15	256QAM	75	0	19.96	20.10	20.04		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	25.10	25.13	25.05	25.7	0
10	QPSK	1	25	24.91	25.04	25.02		
10	QPSK	1	49	24.93	24.99	24.97		
10	QPSK	25	0	24.00	24.19	24.02	24.7	1
10	QPSK	25	12	23.95	24.08	24.02		
10	QPSK	25	25	23.86	24.02	24.04		
10	QPSK	50	0	23.96	24.12	24.08		
10	16QAM	1	0	24.04	24.06	24.04	24.7	1
10	16QAM	1	25	23.96	24.00	24.01		
10	16QAM	1	49	23.97	24.06	24.06		
10	16QAM	25	0	23.05	23.06	23.01	23.7	2
10	16QAM	25	12	22.90	23.01	22.97		
10	16QAM	25	25	22.85	23.01	22.90		
10	16QAM	50	0	22.98	23.08	23.05		
10	64QAM	1	0	22.98	23.13	22.98	23.7	2
10	64QAM	1	25	23.00	23.09	23.07		
10	64QAM	1	49	22.87	22.98	23.03		
10	64QAM	25	0	22.08	23.13	22.98	22.7	3
10	64QAM	25	12	21.92	22.11	21.94		
10	64QAM	25	25	21.87	21.97	21.92		
10	64QAM	50	0	21.96	22.05	22.03		
10	256QAM	1	0	20.08	20.08	20.02	20.7	5
10	256QAM	1	25	19.84	20.06	20.01		
10	256QAM	1	49	19.91	20.02	19.89		
10	256QAM	25	0	19.93	20.11	19.99	20.7	5
10	256QAM	25	12	19.88	20.08	20.01		
10	256QAM	25	25	19.97	20.08	19.93		
10	256QAM	50	0	19.99	20.04	20.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.98	25.05	25.03	25.7	0
5	QPSK	1	12	24.90	25.04	24.96		
5	QPSK	1	24	24.95	25.02	24.99		
5	QPSK	12	0	24.02	24.08	24.04	24.7	1
5	QPSK	12	7	23.96	24.06	24.02		
5	QPSK	12	13	23.91	24.10	23.99		
5	QPSK	25	0	23.97	24.11	24.02		
5	16QAM	1	0	24.03	24.11	23.98	24.7	1
5	16QAM	1	12	23.90	24.00	24.05		
5	16QAM	1	24	23.97	24.08	24.02		
5	16QAM	12	0	23.02	23.12	23.08	23.7	2
5	16QAM	12	7	22.98	23.04	22.87		
5	16QAM	12	13	22.84	22.96	23.02		
5	16QAM	25	0	22.99	23.15	23.04		
5	64QAM	1	0	22.97	23.17	23.06	23.7	2
5	64QAM	1	12	22.98	23.14	23.02		
5	64QAM	1	24	22.89	22.99	23.08		
5	64QAM	12	0	22.10	22.13	22.04	22.7	3
5	64QAM	12	7	21.88	22.03	21.90		
5	64QAM	12	13	21.84	21.96	21.94		
5	64QAM	25	0	21.99	22.12	22.00		
5	256QAM	1	0	20.04	20.11	20.07	20.7	5
5	256QAM	1	12	19.82	20.05	19.98		
5	256QAM	1	24	19.90	20.01	19.98		
5	256QAM	12	0	19.97	20.11	19.98	20.7	5
5	256QAM	12	7	20.07	20.03	19.99		
5	256QAM	12	13	19.93	20.04	19.90		
5	256QAM	25	0	20.01	20.10	20.02		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.95	25.06	25.07	25.7	0
3	QPSK	1	8	24.94	25.03	24.94		
3	QPSK	1	14	24.92	25.06	24.95		
3	QPSK	8	0	24.03	24.14	24.01	24.7	1
3	QPSK	8	4	23.96	24.03	23.97		
3	QPSK	8	7	23.91	24.10	23.99		
3	QPSK	15	0	23.93	24.07	24.06		
3	16QAM	1	0	24.05	24.10	23.98	24.7	1
3	16QAM	1	8	23.92	24.01	24.01		
3	16QAM	1	14	23.95	24.08	24.01		
3	16QAM	8	0	23.01	23.09	23.10	23.7	2
3	16QAM	8	4	22.99	23.03	22.93		
3	16QAM	8	7	22.87	22.96	22.94		
3	16QAM	15	0	22.96	23.14	23.00	23.7	2
3	64QAM	1	0	23.07	23.14	22.99		
3	64QAM	1	8	22.99	23.07	23.08		
3	64QAM	1	14	22.91	23.01	22.99		
3	64QAM	8	0	22.03	22.10	21.99	22.7	3
3	64QAM	8	4	21.97	22.13	21.91		
3	64QAM	8	7	21.88	22.05	22.00		
3	64QAM	15	0	22.04	22.13	22.08		
3	256QAM	1	0	20.00	20.11	20.02	20.7	5
3	256QAM	1	8	19.88	20.12	19.97		
3	256QAM	1	14	19.90	20.09	19.92		
3	256QAM	8	0	19.90	20.03	20.07	20.7	5
3	256QAM	8	4	20.12	20.10	20.06		
3	256QAM	8	7	19.92	20.07	19.91		
3	256QAM	15	0	19.92	20.11	20.04		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.92	25.03	24.99	25.7	0
1.4	QPSK	1	3	24.95	25.09	24.93		
1.4	QPSK	1	5	24.88	25.01	24.94		
1.4	QPSK	3	0	24.87	24.91	24.91		
1.4	QPSK	3	1	24.87	24.98	24.90		
1.4	QPSK	3	3	24.81	24.92	24.81	24.7	1
1.4	QPSK	6	0	23.93	24.16	24.00		
1.4	16QAM	1	0	24.03	24.08	24.01	24.7	1
1.4	16QAM	1	3	23.96	24.03	24.04		
1.4	16QAM	1	5	24.00	24.07	24.05		
1.4	16QAM	3	0	23.84	24.06	23.94		
1.4	16QAM	3	1	23.94	24.04	23.88		
1.4	16QAM	3	3	23.92	23.93	23.98		
1.4	16QAM	6	0	23.01	23.12	23.02	23.7	2
1.4	64QAM	1	0	22.97	23.15	23.05	23.7	2
1.4	64QAM	1	3	22.97	23.12	23.03		
1.4	64QAM	1	5	22.88	22.98	23.00		
1.4	64QAM	3	0	22.87	23.10	22.95	23.7	2
1.4	64QAM	3	1	22.89	23.11	22.98		
1.4	64QAM	3	3	22.89	23.05	22.97		
1.4	64QAM	6	0	21.97	22.08	22.00	22.7	3
1.4	256QAM	1	0	20.11	20.09	20.00	20.7	5
1.4	256QAM	1	3	19.91	20.13	19.98		
1.4	256QAM	1	5	19.83	20.07	19.93		
1.4	256QAM	3	0	19.97	20.05	20.08		
1.4	256QAM	3	1	20.14	20.11	20.00		
1.4	256QAM	3	3	19.98	20.02	19.91		
1.4	256QAM	6	0	19.98	20.12	20.06	20.7	5

Band 7 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	25.08	25.10	25.02	25.7	0
20	QPSK	1	49	25.04	25.07	25.00		
20	QPSK	1	99	25.00	25.06	24.97		
20	QPSK	50	0	24.05	24.07	24.06	24.7	1
20	QPSK	50	24	24.00	24.03	23.95		
20	QPSK	50	50	24.01	24.07	23.94		
20	QPSK	100	0	24.06	24.06	24.05		
20	16QAM	1	0	24.06	24.05	24.06	24.7	1
20	16QAM	1	49

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BW [MHz]	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	24.32	24.43	24.38	25.7	0
20	QPSK	1	49	24.27	24.39	24.33		
20	QPSK	1	99	24.24	24.38	24.30		
20	QPSK	50	0	23.32	23.41	23.33	24.7	1
20	QPSK	50	24	23.33	23.39	23.31		
20	QPSK	50	50	23.24	23.38	23.35		
20	QPSK	100	0	23.30	23.39	23.40		
20	16QAM	1	0	23.38	23.38	23.40	24.7	1
20	16QAM	1	49	23.30	23.44	23.32		
20	16QAM	1	99	23.18	23.33	23.24		
20	16QAM	50	0	22.36	22.38	22.37	23.7	2
20	16QAM	50	24	22.29	22.34	22.30		
20	16QAM	50	50	22.24	22.38	22.39		
20	16QAM	100	0	22.32	22.40	22.35		
20	64QAM	1	0	22.41	22.43	22.44	23.7	2
20	64QAM	1	49	22.33	22.40	22.36		
20	64QAM	1	99	22.24	22.37	22.30		
20	64QAM	50	0	21.30	21.41	21.32	22.7	3
20	64QAM	50	24	21.30	21.37	21.37		
20	64QAM	50	50	21.25	21.42	21.34		
20	64QAM	100	0	21.25	21.38	21.45		
20	256QAM	1	0	19.32	19.41	19.29	20.7	5
20	256QAM	1	49	19.31	19.37	19.35		
20	256QAM	1	99	19.22	19.36	19.37		
20	256QAM	50	0	19.27	19.43	19.35	20.7	5
20	256QAM	50	24	19.39	19.39	19.40		
20	256QAM	50	50	19.25	19.41	19.31		
20	256QAM	100	0	19.21	19.38	19.22		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.25	24.40	24.31	25.7	0
15	QPSK	1	37	24.24	24.36	24.21		
15	QPSK	1	74	24.21	24.34	24.23		
15	QPSK	36	0	23.22	23.31	23.26	24.7	1
15	QPSK	36	20	23.29	23.26	23.17		
15	QPSK	36	39	23.10	23.29	23.21		
15	QPSK	75	0	23.26	23.31	23.28		
15	16QAM	1	0	23.32	23.32	23.28	24.7	1
15	16QAM	1	37	23.16	23.35	23.19		
15	16QAM	1	74	23.08	23.21	23.17		
15	16QAM	36	0	22.33	22.27	22.31	23.7	2
15	16QAM	36	20	22.20	22.30	22.20		
15	16QAM	36	39	22.22	22.36	22.32		
15	16QAM	75	0	22.29	22.27	22.26		
15	64QAM	1	0	22.28	22.33	22.41	23.7	2
15	64QAM	1	37	22.19	22.30	22.33		
15	64QAM	1	74	22.19	22.26	22.19		
15	64QAM	36	0	21.17	21.35	21.26	22.7	3
15	64QAM	36	20	21.20	21.28	21.26		
15	64QAM	36	39	21.22	21.33	21.29		
15	64QAM	75	0	21.12	21.31	21.43		
15	256QAM	1	0	19.20	19.28	19.18	20.7	5
15	256QAM	1	37	19.24	19.34	19.22		
15	256QAM	1	74	19.16	19.33	19.34		
15	256QAM	36	0	19.20	19.37	19.30	20.7	5
15	256QAM	36	20	19.32	19.30	19.33		
15	256QAM	36	39	19.13	19.31	19.23		
15	256QAM	75	0	19.15	19.32	19.17		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.28	24.38	24.33	25.7	0
10	QPSK	1	25	24.14	24.27	24.29		
10	QPSK	1	49	24.16	24.35	24.19		
10	QPSK	25	0	23.26	23.39	23.29	24.7	1
10	QPSK	25	12	23.25	23.36	23.20		
10	QPSK	25	25	23.15	23.24	23.31		
10	QPSK	50	0	23.17	23.26	23.32		
10	16QAM	1	0	23.26	23.35	23.31	24.7	1
10	16QAM	1	25	23.19	23.31	23.19		
10	16QAM	1	49	23.05	23.24	23.12		
10	16QAM	25	0	22.24	22.27	22.28	23.7	2
10	16QAM	25	12	22.16	22.23	22.19		
10	16QAM	25	25	22.10	22.26	22.27		
10	16QAM	50	0	22.23	22.37	22.23		
10	64QAM	1	0	22.35	22.37	22.33	23.7	2
10	64QAM	1	25	22.27	22.31	22.30		
10	64QAM	1	49	22.11	22.24	22.23		
10	64QAM	25	0	21.25	21.29	21.26	22.7	3
10	64QAM	25	12	21.21	21.28	21.30		
10	64QAM	25	25	21.13	21.40	21.23		
10	64QAM	50	0	21.13	21.35	21.37		
10	256QAM	1	0	19.20	19.34	19.22	20.7	5
10	256QAM	1	25	19.22	19.32	19.22		
10	256QAM	1	49	19.10	19.29	19.31		
10	256QAM	25	0	19.23	19.33	19.31	20.7	5
10	256QAM	25	12	19.33	19.32	19.36		
10	256QAM	25	25	19.15	19.30	19.20		
10	256QAM	50	0	19.13	19.28	19.17		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.19	24.37	24.33	25.7	0
5	QPSK	1	12	24.16	24.36	24.21		
5	QPSK	1	24	24.19	24.24	24.18		
5	QPSK	12	0	23.19	23.29	23.26	24.7	1
5	QPSK	12	7	23.20	23.31	23.23		
5	QPSK	12	13	23.14	23.31	23.30		
5	QPSK	25	0	23.28	23.34	23.35		
5	16QAM	1	0	23.27	23.29	23.36	24.7	1
5	16QAM	1	12	23.25	23.41	23.19		
5	16QAM	1	24	23.15	23.19	23.19		
5	16QAM	12	0	22.30	22.34	22.32	23.7	2
5	16QAM	12	7	22.15	22.31	22.20		
5	16QAM	12	13	22.18	22.26	22.26		
5	16QAM	25	0	22.19	22.36	22.27		
5	64QAM	1	0	22.31	22.35	22.41	23.7	2
5	64QAM	1	12	22.23	22.36	22.31		
5	64QAM	1	24	22.12	22.33	22.17		
5	64QAM	12	0	21.19	21.39	21.20	22.7	3
5	64QAM	12	7	21.23	21.26	21.34		
5	64QAM	12	13	21.13	21.32	21.23		
5	64QAM	25	0	21.17	21.35	21.32		
5	256QAM	1	0	19.21	19.29	19.25	20.7	5
5	256QAM	1	12	19.18	19.33	19.28		
5	256QAM	1	24	19.15	19.32	19.32		
5	256QAM	12	0	19.19	19.34	19.29	20.7	5
5	256QAM	12	7	19.30	19.31	19.27		
5	256QAM	12	13	19.18	19.30	19.19		
5	256QAM	25	0	19.15	19.35	19.11		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.19	24.37	24.27	25.7	0
3	QPSK	1	8	24.21	24.32	24.28		
3	QPSK	1	14	24.18	24.35	24.28		
3	QPSK	8	0	23.29	23.39	23.22	24.7	1
3	QPSK	8	4	23.24	23.33	23.28		
3	QPSK	8	7	23.14	23.28	23.32		
3	QPSK	15	0	23.25	23.33	23.34		
3	16QAM	1	0	23.34	23.31	23.35	24.7	1
3	16QAM	1	8	23.19	23.33	23.24		
3	16QAM	1	14	23.14	23.23	23.11		
3	16QAM	8	0	22.24	22.33	22.30	23.7	2
3	16QAM	8	4	22.23	22.26	22.17		
3	16QAM	8	7	22.20	22.25	22.35		
3	16QAM	15	0	22.18	22.36	22.24		
3	64QAM	1	0	22.31	22.39	22.32	23.7	2
3	64QAM	1	8	22.30	22.35	22.32		
3	64QAM	1	14	22.21	22.30	22.25		
3	64QAM	8	0	21.27	21.31	21.21	22.7	3
3	64QAM	8	4	21.18	21.30	21.25		
3	64QAM	8	7	21.17	21.38	21.23		
3	64QAM	15	0	21.12	21.28	21.42		
3	256QAM	1	0	19.27	19.30	19.19	20.7	5
3	256QAM	1	8	19.17	19.33	19.32		
3	256QAM	1	14	19.15	19.25	19.28		
3	256QAM	8	0	19.20	19.31	19.32	20.7	5
3	256QAM	8	4	19.26	19.34	19.31		
3	256QAM	8	7	19.21	19.36	19.26		
3	256QAM	15	0	19.07	19.25	19.09		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.25	24.41	24.35	25.7	0
1.4	QPSK	1	3	24.22	24.27	24.28		
1.4	QPSK	1	5	24.22	24.33	24.24		
1.4	QPSK	3	0	24.14	24.29	24.23		
1.4	QPSK	3	1	24.14	24.17	24.23		
1.4	QPSK	3	3	24.13	24.28	24.12		
1.4	QPSK	6	0	23.26	23.31	23.30	24.7	1
1.4	16QAM	1	0	23.24	23.34	23.26	24.7	1
1.4	16QAM	1	3	23.24	23.39	23.23		
1.4	16QAM	1	5	23.04	23.27	23.16		
1.4	16QAM	3	0	23.14	23.23	23.18		
1.4	16QAM	3	1	23.16	23.25	23.24		
1.4	16QAM	3	3	23.18	23.28	23.13		
1.4	16QAM	6	0	22.20	22.36	22.31	23.7	2
1.4	64QAM	1	0	22.30	22.32	22.40	23.7	2
1.4	64QAM	1	3	22.24	22.26	22.26		
1.4	64QAM	1	5	22.14	22.26	22.25		
1.4	64QAM	3	0	22.09	22.31	22.18		
1.4	64QAM	3	1	22.19	22.25	22.36		
1.4	64QAM	3	3	22.21	22.12	22.18		
1.4	64QAM	6	0	21.19	21.27	21.37	22.7	3
1.4	256QAM	1	0	19.21	19.35	19.22	20.7	5
1.4	256QAM	1	3	19.23	19.26	19.29		
1.4	256QAM	1	5	19.13	19.34	19.33		
1.4	256QAM	3	0	19.22	19.31	19.30		
1.4	256QAM	3	1	19.26	19.33	19.30		
1.4	256QAM	3	3	19.17	19.27	19.21		
1.4	256QAM	6	0	19.07	19.32	19.19	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.08	24.10	24.05	25.5	0
20	QPSK	1	49	24.02	24.08	23.95		
20	QPSK	1	99	24.02	24.06	23.95		
20	QPSK	50	0	23.10	23.15	23.10	24.5	1
20	QPSK	50	24	23.05	23.09	22.99		
20	QPSK	50	50	23.01	23.09	22.90		
20	QPSK	100	0	23.04	23.09	23.01		
20	16QAM	1	0	23.12	23.08	23.01	24.5	1
20	16QAM	1	49	23.07	23.05	22.92		
20	16QAM	1	99	22.96	23.05	23.00		
20	16QAM	50	0	22.12	22.10	22.16	23.5	2
20	16QAM	50	24	22.01	22.03	22.05		
20	16QAM	50	50	21.99	22.13	21.91		
20	16QAM	100	0	22.00	22.04	22.07		
20	64QAM	1	0	22.14	22.06	22.01	23.5	2
20	64QAM	1	49	22.07	22.08	21.95		
20	64QAM	1	99	21.99	22.05	21.99		
20	64QAM	50	0	21.13	21.17	21.10	22.5	3
20	64QAM	50	24	21.00	21.09	20.98		
20	64QAM	50	50	20.98	21.14	20.94		
20	64QAM	100	0	21.04	21.08	21.01		
20	256QAM	1	0	19.11	19.19	19.06	20.5	5
20	256QAM	1	49	19.08	19.05	19.04		
20	256QAM	1	99	19.02	19.06	18.89		
20	256QAM	50	0	19.01	19.03	18.99	20.5	5
20	256QAM	50	24	19.08	19.09	19.01		
20	256QAM	50	50	19.11	19.10	18.97		
20	256QAM	100	0	19.01	19.00	19.01		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.05	23.98	24.01	25.5	0
15	QPSK	1	37	23.96	24.04	23.85		
15	QPSK	1	74	23.89	23.99	23.89		
15	QPSK	36	0	23.07	23.11	23.07	24.5	1
15	QPSK	36	20	22.93	22.97	22.96		
15	QPSK	36	39	22.88	22.98	22.86		
15	QPSK	75	0	23.00	22.96	22.93		
15	16QAM	1	0	23.04	22.97	22.96	24.5	1
15	16QAM	1	37	23.02	23.02	22.82		
15	16QAM	1	74	23.03	22.99	22.90		
15	16QAM	36	0	22.01	22.06	22.09	23.5	2
15	16QAM	36	20	21.88	21.92	22.01		
15	16QAM	36	39	21.89	22.02	21.81		
15	16QAM	75	0	21.95	21.98	21.95		
15	64QAM	1	0	22.04	21.99	21.91	23.5	2
15	64QAM	1	37	22.02	21.96	21.92		
15	64QAM	1	74	21.95	21.96	21.87		
15	64QAM	36	0	21.06	21.07	21.00	22.5	3
15	64QAM	36	20	20.94	20.96	20.87		
15	64QAM	36	39	20.87	21.10	20.81		
15	64QAM	75	0	20.99	20.94	20.91		
15	256QAM	1	0	19.01	19.16	18.98	20.5	5
15	256QAM	1	37	19.04	18.93	18.92		
15	256QAM	1	74	18.91	18.99	18.76		
15	256QAM	36	0	18.99	18.96	18.85	20.5	5
15	256QAM	36	20	18.98	18.99	18.95		
15	256QAM	36	39	18.98	18.97	18.95		
15	256QAM	75	0	18.92	18.89	18.95		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.99	24.01	24.02	25.5	0
10	QPSK	1	25	23.88	24.00	23.83		
10	QPSK	1	49	23.90	24.01	23.91		
10	QPSK	25	0	22.97	23.06	23.05	24.5	1
10	QPSK	25	12	22.93	22.97	22.87		
10	QPSK	25	25	22.88	23.02	22.83		
10	QPSK	50	0	22.92	23.00	22.93		
10	16QAM	1	0	22.99	22.97	22.94	24.5	1
10	16QAM	1	25	23.04	22.98	22.89		
10	16QAM	1	49	22.92	22.94	22.91		
10	16QAM	25	0	22.05	22.01	22.14	23.5	2
10	16QAM	25	12	21.92	21.97	21.98		
10	16QAM	25	25	21.90	21.99	21.84		
10	16QAM	50	0	21.96	21.92	21.95		
10	64QAM	1	0	22.10	21.98	21.91	23.5	2
10	64QAM	1	25	22.03	21.95	21.90		
10	64QAM	1	49	21.91	21.98	21.91		
10	64QAM	25	0	21.00	21.04	21.04	22.5	3
10	64QAM	25	12	20.93	20.97	20.84		
10	64QAM	25	25	20.90	21.02	20.87		
10	64QAM	50	0	21.01	20.99	20.87		
10	256QAM	1	0	19.04	19.13	19.02	20.5	5
10	256QAM	1	25	18.98	18.99	18.99		
10	256QAM	1	49	18.91	18.99	18.81		
10	256QAM	25	0	18.89	19.00	18.95	20.5	5
10	256QAM	25	12	19.00	19.07	18.96		
10	256QAM	25	25	19.04	18.99	18.92		
10	256QAM	50	0	18.96	18.88	18.98		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.95	24.05	23.95	25.5	0
5	QPSK	1	12	23.91	23.99	23.84		
5	QPSK	1	24	23.92	23.93	23.87		
5	QPSK	12	0	22.99	23.06	22.97	24.5	1
5	QPSK	12	7	22.99	22.96	22.89		
5	QPSK	12	13	22.97	23.04	22.79		
5	QPSK	25	0	22.90	23.02	22.88		
5	16QAM	1	0	23.07	22.98	22.88	24.5	1
5	16QAM	1	12	22.98	22.98	22.88		
5	16QAM	1	24	22.85	22.99	22.93		
5	16QAM	12	0	21.99	22.06	22.04	23.5	2
5	16QAM	12	7	21.93	21.98	21.93		
5	16QAM	12	13	21.93	22.00	21.79		
5	16QAM	25	0	21.87	21.95	22.05		
5	64QAM	1	0	22.03	21.95	21.90	23.5	2
5	64QAM	1	12	21.98	22.04	21.87		
5	64QAM	1	24	21.90	21.94	21.93		
5	64QAM	12	0	21.00	21.14	21.02	22.5	3
5	64QAM	12	7	20.93	21.07	20.95		
5	64QAM	12	13	20.94	21.07	20.89		
5	64QAM	25	0	20.98	21.00	20.97		
5	256QAM	1	0	19.08	19.05	18.93	20.5	5
5	256QAM	1	12	18.97	18.99	18.95		
5	256QAM	1	24	18.90	19.00	18.83		
5	256QAM	12	0	18.89	18.96	18.89	20.5	5
5	256QAM	12	7	18.97	19.07	18.98		
5	256QAM	12	13	19.08	19.00	18.91		
5	256QAM	25	0	18.94	18.92	18.91		

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BW [MHz]	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	24.42	24.50	24.49	25.7	0
20	QPSK	1	49	24.38	24.39	24.42		
20	QPSK	1	99	24.32	24.43	24.40		
20	QPSK	50	0	23.39	23.48	23.33	24.7	1
20	QPSK	50	24	23.41	23.45	23.33		
20	QPSK	50	50	23.23	23.38	23.35		
20	QPSK	100	0	23.32	23.40	23.47		
20	16QAM	1	0	23.38	23.40	23.45	24.7	1
20	16QAM	1	49	23.37	23.47	23.32		
20	16QAM	1	99	23.18	23.39	23.34		
20	16QAM	50	0	22.42	22.40	22.40	23.7	2
20	16QAM	50	24	22.36	22.35	22.38		
20	16QAM	50	50	22.28	22.40	22.46		
20	16QAM	100	0	22.37	22.43	22.43		
20	64QAM	1	0	22.50	22.45	22.52	23.7	2
20	64QAM	1	49	22.41	22.48	22.46		
20	64QAM	1	99	22.23	22.43	22.30		
20	64QAM	50	0	21.40	21.48	21.38	22.7	3
20	64QAM	50	24	21.36	21.43	21.38		
20	64QAM	50	50	21.35	21.50	21.38		
20	64QAM	100	0	21.30	21.38	21.51		
20	256QAM	1	0	19.35	19.43	19.35	20.7	5
20	256QAM	1	49	19.33	19.37	19.39		
20	256QAM	1	99	19.30	19.40	19.45		
20	256QAM	50	0	19.32	19.48	19.40	20.7	5
20	256QAM	50	24	19.49	19.44	19.43		
20	256QAM	50	50	19.32	19.47	19.32		
20	256QAM	100	0	19.22	19.44	19.22		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.30	24.46	24.36	25.7	0
15	QPSK	1	37	24.33	24.30	24.29		
15	QPSK	1	74	24.29	24.35	24.29		
15	QPSK	36	0	23.30	23.46	23.20	24.7	1
15	QPSK	36	20	23.37	23.31	23.19		
15	QPSK	36	39	23.13	23.30	23.24		
15	QPSK	75	0	23.22	23.36	23.40		
15	16QAM	1	0	23.36	23.30	23.40	24.7	1
15	16QAM	1	37	23.33	23.35	23.21		
15	16QAM	1	74	23.08	23.35	23.25		
15	16QAM	36	0	22.35	22.28	22.33	23.7	2
15	16QAM	36	20	22.26	22.28	22.25		
15	16QAM	36	39	22.16	22.34	22.40		
15	16QAM	75	0	22.28	22.34	22.40		
15	64QAM	1	0	22.40	22.34	22.47	23.7	2
15	64QAM	1	37	22.28	22.43	22.35		
15	64QAM	1	74	22.12	22.37	22.17		
15	64QAM	36	0	21.29	21.45	21.29	22.7	3
15	64QAM	36	20	21.30	21.30	21.26		
15	64QAM	36	39	21.25	21.42	21.29		
15	64QAM	75	0	21.19	21.28	21.48		
15	256QAM	1	0	19.33	19.31	19.30	20.7	5
15	256QAM	1	37	19.20	19.31	19.28		
15	256QAM	1	74	19.21	19.29	19.42		
15	256QAM	36	0	19.18	19.36	19.30	20.7	5
15	256QAM	36	20	19.45	19.41	19.30		
15	256QAM	36	39	19.22	19.34	19.24		
15	256QAM	75	0	19.17	19.32	19.13		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.28	24.37	24.39	25.7	0
10	QPSK	1	25	24.30	24.29	24.39		
10	QPSK	1	49	24.20	24.34	24.33		
10	QPSK	25	0	23.30	23.45	23.24	24.7	1
10	QPSK	25	12	23.28	23.34	23.22		
10	QPSK	25	25	23.19	23.32	23.28		
10	QPSK	50	0	23.30	23.38	23.34		
10	16QAM	1	0	23.28	23.29	23.34	24.7	1
10	16QAM	1	25	23.35	23.38	23.21		
10	16QAM	1	49	23.09	23.37	23.21		
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BW [MHz]	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	24.18	24.20	24.16	25.5	0
20	QPSK	1	49	24.11	24.15	24.09		
20	QPSK	1	99	24.07	24.13	24.08		
20	QPSK	50	0	23.13	23.21	23.19	24.5	1
20	QPSK	50	24	23.10	23.09	23.06		
20	QPSK	50	50	23.01	23.13	23.13		
20	QPSK	100	0	23.17	23.18	23.18		
20	16QAM	1	0	23.17	23.16	23.13	24.5	1
20	16QAM	1	49	23.10	23.16	23.08		
20	16QAM	1	99	23.11	23.11	23.03		
20	16QAM	50	0	22.15	22.17	22.23	23.5	2
20	16QAM	50	24	22.05	22.13	22.03		
20	16QAM	50	50	22.00	22.12	22.10		
20	16QAM	100	0	22.16	22.19	22.18		
20	64QAM	1	0	22.17	22.14	22.15	23.5	2
20	64QAM	1	49	22.07	22.16	22.12		
20	64QAM	1	99	22.05	22.09	21.99		
20	64QAM	50	0	21.11	21.22	21.23	22.5	3
20	64QAM	50	24	21.12	21.14	21.05		
20	64QAM	50	50	21.03	21.14	21.14		
20	64QAM	100	0	21.16	21.16	21.22		
20	256QAM	1	0	19.12	19.23	19.20	20.5	5
20	256QAM	1	49	19.10	19.06	19.10		
20	256QAM	1	99	19.03	19.10	19.17		
20	256QAM	50	0	19.22	19.22	19.14	20.5	5
20	256QAM	50	24	19.14	19.14	19.13		
20	256QAM	50	50	19.15	19.10	19.07		
20	256QAM	100	0	19.05	19.10	19.05		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.07	24.11	24.05	25.5	0
15	QPSK	1	37	24.08	24.08	23.96		
15	QPSK	1	74	23.94	24.01	24.05		
15	QPSK	36	0	23.01	23.13	23.10	24.5	1
15	QPSK	36	20	23.03	22.97	23.03		
15	QPSK	36	39	22.94	23.10	23.10		
15	QPSK	75	0	23.07	23.07	23.13		
15	16QAM	1	0	23.14	23.08	23.09	24.5	1
15	16QAM	1	37	23.07	23.13	23.00		
15	16QAM	1	74	22.99	23.01	22.95		
15	16QAM	36	0	22.06	22.06	22.17	23.5	2
15	16QAM	36	20	21.99	22.01	21.97		
15	16QAM	36	39	21.89	21.99	22.03		
15	16QAM	75	0	22.12	22.15	22.14		
15	64QAM	1	0	22.12	22.02	22.07	23.5	2
15	64QAM	1	37	21.96	22.13	22.00		
15	64QAM	1	74	22.00	22.01	21.96		
15	64QAM	36	0	20.98	21.18	21.21	22.5	3
15	64QAM	36	20	21.04	21.05	20.91		
15	64QAM	36	39	20.93	21.03	21.05		
15	64QAM	75	0	21.10	21.04	21.14		
15	256QAM	1	0	19.06	19.16	19.14	20.5	5
15	256QAM	1	37	19.02	19.02	19.03		
15	256QAM	1	74	18.92	18.96	19.09		
15	256QAM	36	0	19.15	19.11	19.01	20.5	5
15	256QAM	36	20	19.05	19.02	19.04		
15	256QAM	36	39	19.01	19.00	19.05		
15	256QAM	75	0	18.98	19.01	18.98		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.15	24.18	24.06	25.5	0
10	QPSK	1	25	24.02	24.02	23.99		
10	QPSK	1	49	23.99	24.04	23.97		
10	QPSK	25	0	23.10	23.07	23.05	24.5	1
10	QPSK	25	12	23.07	23.00	22.94		
10	QPSK	25	25	22.88	23.07	23.01		
10	QPSK	50	0	23.03	23.13	23.07		
10	16QAM	1	0	23.10	23.06	23.00	24.5	1
10	16QAM	1	25	22.97	23.07	23.02		
10	16QAM	1	49	22.97	23.08	22.98		
10	16QAM	25	0	22.03	22.05	22.13	23.5	2
10	16QAM	25	12	21.97	22.00	21.95		
10	16QAM	25	25	21.87	22.06	21.99		
10	16QAM	50	0	22.11	22.07	22.06		
10	64QAM	1	0	22.12	22.05	22.03	23.5	2
10	64QAM	1	25	22.01	22.04	21.98		
10	64QAM	1	49	22.02	22.07	21.93		
10	64QAM	25	0	21.08	21.15	21.10	22.5	3
10	64QAM	25	12	21.06	21.10	20.91		
10	64QAM	25	25	20.92	21.12	21.05		
10	64QAM	50	0	21.05	21.03	21.12		
10	256QAM	1	0	19.06	19.12	19.10	20.5	5
10	256QAM	1	25	19.00	19.04	19.05		
10	256QAM	1	49	18.93	18.98	19.09		
10	256QAM	25	0	19.15	19.20	19.05	20.5	5
10	256QAM	25	12	19.02	19.10	19.07		
10	256QAM	25	25	19.10	18.98	18.96		
10	256QAM	50	0	18.93	18.98	18.94		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.09	24.18	24.13	25.5	0
5	QPSK	1	12	23.99	24.09	23.98		
5	QPSK	1	24	23.97	24.08	23.94		
5	QPSK	12	0	23.04	23.12	23.05	24.5	1
5	QPSK	12	7	22.97	22.98	22.94		
5	QPSK	12	13	22.90	23.04	23.01		
5	QPSK	25	0	23.07	23.16	23.10		
5	16QAM	1	0	23.04	23.08	23.03	24.5	1
5	16QAM	1	12	22.99	23.03	23.00		
5	16QAM	1	24	22.99	23.06	23.00		
5	16QAM	12	0	22.07	22.05	22.17	23.5	2
5	16QAM	12	7	21.96	22.05	21.99		
5	16QAM	12	13	21.97	22.09	21.97		
5	16QAM	25	0	22.09	22.07	22.05		
5	64QAM	1	0	22.05	22.12	22.06	23.5	2
5	64QAM	1	12	21.98	22.04	21.99		
5	64QAM	1	24	22.00	22.01	21.87		
5	64QAM	12	0	21.04	21.08	21.20	22.5	3
5	64QAM	12	7	21.02	21.00	20.97		
5	64QAM	12	13	20.94	21.01	21.04		
5	64QAM	25	0	21.06	21.03	21.15		
5	256QAM	1	0	19.04	19.13	19.15	20.5	5
5	256QAM	1	12	19.00	19.03	19.06		
5	256QAM	1	24	19.01	18.97	19.13		
5	256QAM	12	0	19.18	19.18	19.12	20.5	5
5	256QAM	12	7	19.06	19.03	19.00		
5	256QAM	12	13	19.08	19.07	19.00		
5	256QAM	25	0	18.98	19.06	18.97		

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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	24.11	24.14	24.15	24.03	23.99	25.5	0
20	QPSK	1	49	24.02	24.08	24.12	24.00	23.87		
20	QPSK	1	99	23.99	24.01	24.08	23.99	23.95		
20	QPSK	50	0	23.16	23.16	23.17	23.00	22.94	24.5	1
20	QPSK	50	24	22.97	23.07	23.13	22.97	22.85		
20	QPSK	50	50	22.96	23.02	23.09	22.97	22.91		
20	QPSK	100	0	23.14	23.10	23.13	23.02	22.95		
20	16QAM	1	0	23.13	23.14	23.12	23.03	22.98	24.5	1
20	16QAM	1	49	23.07	23.12	23.11	23.00	22.91		
20	16QAM	1	99	23.02	23.02	23.02	22.97	22.89		
20	16QAM	50	0	22.16	22.11	22.16	22.06	21.94	23.5	2
20	16QAM	50	24	21.96	22.01	22.15	21.98	21.82		
20	16QAM	50	50	21.94	21.96	22.08	21.96	21.89		
20	16QAM	100	0	22.17	22.08	22.13	21.98	21.99		
20	64QAM	1	0	22.12	22.18	22.12	21.98	21.94	23.5	2
20	64QAM	1	49	22.11	22.08	22.14	22.03	21.89		
20	64QAM	1	99	22.06	22.07	21.97	21.95	21.91		
20	64QAM	50	0	21.19	21.12	21.20	20.96	20.93	22.5	3
20	64QAM	50	24	20.93	21.08	21.09	20.98	20.90		
20	64QAM	50	50	20.96	21.03	21.10	20.92	20.93		
20	64QAM	100	0	21.16	21.14	21.12	21.05	20.97		
20	256QAM	1	0	19.17	19.19	19.22	19.04	18.94	20.5	5
20	256QAM	1	49	19.01	19.05	19.09	18.94	18.82		
20	256QAM	1	99	18.96	18.99	19.09	19.03	18.95		
20	256QAM	50	0	19.09	19.06	19.15	19.04	18.97	20.5	5
20	256QAM	50	24	19.14	19.17	19.13	19.05	18.95		
20	256QAM	50	50	19.12	19.07	19.11	18.97	18.88		
20	256QAM	100	0	18.98	19.02	19.00	18.96	18.94		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.98	24.04	24.03	24.00	23.93	25.50	0
15	QPSK	1	37	23.99	24.02	24.08	23.93	23.78		
15	QPSK	1	74	23.91	23.98	23.98	23.94	23.82		
15	QPSK	36	0	23.06	23.11	23.10	22.87	22.87	24.5	1
15	QPSK	36	20	22.89	22.99	23.03	22.92	22.81		
15	QPSK	36	39	22.93	22.96	22.95	22.87	22.86		
15	QPSK	75	0	23.01	23.05	23.06	22.91	22.89		
15	16QAM	1	0	23.06	23.01	23.02	22.98	22.88	24.5	1
15	16QAM	1	37	22.94	22.99	22.98	22.87	22.80		
15	16QAM	1	74	22.92	23.00	22.92	22.93	22.81		
15	16QAM	36	0	22.06	21.98	22.13	21.93	21.88	23.5	2
15	16QAM	36	20	21.92	21.98	22.05	21.93	21.70		
15	16QAM	36	39	21.82	21.87	22.02	21.92	21.75		
15	16QAM	75	0	22.14	21.97	22.01	21.87	21.90		
15	64QAM	1	0	22.09	22.05	22.00	21.95	21.88	23.5	2
15	64QAM	1	37	22.06	21.99	22.12	21.90	21.77		
15	64QAM	1	74	21.94	22.01	21.89	21.91	21.81		
15	64QAM	36	0	21.10	21.01	21.17	20.93	20.85	22.5	3
15	64QAM	36	20	20.88	20.99	21.06	20.93	20.81		
15	64QAM	36	39	20.88	20.92	21.05	20.81	20.82		
15	64QAM	75	0	21.04	21.07	21.06	20.97	20.90		
15	256QAM	1	0	19.03	19.07	19.12	18.99	18.84	20.5	5
15	256QAM	1	37	18.91	18.97	18.98	18.87	18.71		
15	256QAM	1	74	18.93	18.94	18.98	19.01	18.91		
15	256QAM	36	0	19.00	18.93	19.11	18.95	18.94	20.5	5
15	256QAM	36	20	19.10	19.04	19.05	19.02	18.85		
15	256QAM	36	39	18.99	18.98	19.08	18.91	18.82		
15	256QAM	75	0	18.87	18.97	18.88	18.90	18.82		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.07	24.04	24.05	23.95	23.90	25.50	0
10	QPSK	1	25	23.95	24.04	24.00	23.92	23.79		
10	QPSK	1	49	23.85	23.89	24.02	23.92	23.82		
10	QPSK	25	0	23.07	23.05	23.11	22.93	22.84	24.5	1
10	QPSK	25	12	22.95	22.98	23.01	22.88	22.78		
10	QPSK	25	25	22.92	22.91	23.04	22.88	22.80		
10	QPSK	50	0	23.02	23.01	23.09	22.97	22.85		
10	16QAM	1	0	23.01	23.10	23.06	22.96	22.88	24.5	1
10	16QAM	1	25	23.01	23.10	23.06	22.87	22.80		
10	16QAM	1	49	22.97	22.96	22.98	22.88	22.78		
10	16QAM	25	0	22.11	21.97	22.12	21.97	21.86	23.5	2
10	16QAM	25	12	21.86	21.91	22.03	21.93	21.76		
10	16QAM	25	25	21.85	21.85	22.03	21.84	21.77		
10	16QAM	50	0	22.04	21.95	22.03	21.86	21.91		
10	64QAM	1	0	21.98	22.15	22.01	21.92	21.85	23.5	2
10	64QAM	1	25	21.97	21.99	22.02	21.95	21.86		
10	64QAM	1	49	22.04	22.00	21.91	21.90	21.84		
10	64QAM	25	0	21.09	21.09	21.13	20.90	20.81	22.5	3
10	64QAM	25	12	20.80	21.01	20.98	20.96	20.81		
10	64QAM	25	25	20.93	20.94	20.96	20.86	20.85		
10	64QAM	50	0	21.02	21.11	20.98	20.97	20.83		
10	256QAM	1	0	19.09	19.14	19.20	18.91	18.89	20.5	5
10	256QAM	1	25	18.99	19.03	19.03	18.83	18.70		
10	256QAM	1	49	18.85	18.97	19.04	18.99	18.87		
10	256QAM	25	0	19.05	18.96	19.08	18.96	18.93	20.5	5
10	256QAM	25	12	19.04	19.11	19.04	18.95	18.85		
10	256QAM	25	25	19.08	19.05	19.03	18.88	18.79		
10	256QAM	50	0	18.91	18.96	18.95	18.85	18.83		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.99	24.06	24.08	23.97	23.86	25.50	0
5	QPSK	1	12	23.98	23.98	24.02	23.92	23.75		
5	QPSK	1	24	23.95	23.95	24.01	23.93	23.82		
5	QPSK	12	0	23.12	23.08	23.11	22.93	22.82	24.5	1
5	QPSK	12	7	22.91	23.02	23.10	22.91	22.73		
5	QPSK	12	13	22.91	22.89	23.01	22.86	22.79		
5	QPSK	25	0	23.10	23.05	23.07	23.00	22.88		
5	16QAM	1	0	23.10	23.00	23.05	22.90	22.90	24.5	1
5	16QAM	1	12	22.94	23.03	23.09	22.93	22.79		
5	16QAM	1	24	22.98	22.92	22.97	22.84	22.85		
5	16QAM	12	0	22.10	22.08	22.12	22.03	21.86	23.5	2
5	16QAM	12	7	21.88	21.92	22.10	21.89	21.71		
5	16QAM	12	13	21.85	21.86	22.04	21.88	21.85		
5	16QAM	25	0	22.13	22.00	22.06	21.93	21.89		
5	64QAM	1	0	22.10	22.06	22.03	21.90	21.81	23.5	2
5	64QAM	1	12	22.03	22.04	22.12	21.94	21.83		
5	64QAM	1	24	21.99	21.98	21.92	21.90	21.84		
5	64QAM	12	0	21.13	21.10	21.14	20.82	20.86	22.5	3
5	64QAM	12	7	20.82	21.02	21.01	20.93	20.85		
5	64QAM	12	13	20.89	21.00	21.00	20.83	20.88		
5	64QAM	25	0	21.11	21.10	21.05	21.02	20.92		
5	256QAM	1	0	19.15	19.09	19.09	18.93	18.88	20.5	5
5	256QAM	1	12	18.96	18.91	19.04	18.85	18.76		
5	256QAM	1	24	18.92	18.93	18.97	18.91	18.84		
5	256QAM	12	0	19.03	18.99	19.12	18.97	18.88	20.5	5
5	256QAM	12	7	19.10	19.12	19.01	19.02	18.89		
5	256QAM	12	13	19.10	18.97	18.99	18.88	18.82		
5	256QAM	25	0	18.95	18.98	18.96	18.87	18.87		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	25.45	25.50	25.43	25.7	0
20	QPSK	1	49	25.33	25.48	25.39		
20	QPSK	1	99	25.40	25.45	25.33		
20	QPSK	50	0	24.41	24.53	24.46	24.7	1
20	QPSK	50	24	24.29	24.53	24.45		
20	QPSK	50	50	24.35	24.50	24.38		
20	QPSK	100	0	24.49	24.47	24.38		
20	16QAM	1	0	24.46	24.45	24.43	24.7	1
20	16QAM	1	49	24.29	24.43	24.34		
20	16QAM	1	99	24.35	24.49	24.33		
20	16QAM	50	0	23.42	23.58	23.50	23.7	2
20	16QAM	50	24	23.28	23.53	23.48		
20	16QAM	50	50	23.34	23.53	23.43		
20	16QAM	100	0	23.48	23.53	23.38		
20	64QAM	1	0	23.41	23.41	23.49	23.7	2
20	64QAM	1	49	23.23	23.49	23.30		
20	64QAM	1	99	23.36	23.44	23.30		
20	64QAM	50	0	22.43	22.59	22.48	22.7	3
20	64QAM	50	24	22.34	22.51	22.49		
20	64QAM	50	50	22.37	22.55	22.33		
20	64QAM	100	0	22.48	22.52	22.42		
20	256QAM	1	0	20.44	20.47	20.43	20.7	5
20	256QAM	1	49	20.31	20.57	20.41		
20	256QAM	1	99	20.40	20.52	20.33		
20	256QAM	50	0	20.52	20.50	20.37	20.7	5
20	256QAM	50	24	20.43	20.46	20.46		
20	256QAM	50	50	20.30	20.44	20.29		
20	256QAM	100	0	20.30	20.53	20.35		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	25.41	25.39	25.33	25.7	0
15	QPSK	1	37	25.28	25.38	25.26		
15	QPSK	1	74	25.30	25.38	25.31		
15	QPSK	36	0	24.27	24.47	24.37	24.7	1
15	QPSK	36	20	24.18	24.51	24.35		
15	QPSK	36	39	24.31	24.45	24.35		
15	QPSK	75	0	24.36	24.37	24.32		
15	16QAM	1	0	24.41	24.36	24.32	24.7	1
15	16QAM	1	37	24.26	24.40	24.21		
15	16QAM	1	74	24.30	24.44	24.22		
15	16QAM	36	0	23.34	23.45	23.37	23.7	2
15	16QAM	36	20	23.16	23.39	23.38		
15	16QAM	36	39	23.30	23.50	23.35		
15	16QAM	75	0	23.43	23.44	23.33		
15	64QAM	1	0	23.37	23.28	23.46	23.7	2
15	64QAM	1	37	23.18	23.44	23.19		
15	64QAM	1	74	23.33	23.33	23.26		
15	64QAM	36	0	22.36	22.51	22.45	22.7	3
15	64QAM	36	20	22.30	22.40	22.44		
15	64QAM	36	39	22.31	22.45	22.20		
15	64QAM	75	0	22.37	22.48	22.36		
15	256QAM	1	0	20.32	20.37	20.38	20.7	5
15	256QAM	1	37	20.22	20.49	20.31		
15	256QAM	1	74	20.35	20.45	20.24		
15	256QAM	36	0	20.49	20.45	20.27	20.7	5
15	256QAM	36	20	20.34	20.37	20.42		
15	256QAM	36	39	20.21	20.37	20.20		
15	256QAM	75	0	20.18	20.48	20.26		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	25.41	25.44	25.33	25.7	0
10	QPSK	1	25	25.24	25.37	25.35		
10	QPSK	1	49	25.32	25.33	25.22		
10	QPSK	25	0	24.34	24.47	24.43	24.7	1
10	QPSK	25	12	24.17	24.39	24.38		
10	QPSK	25	25	24.28	24.42	24.26		
10	QPSK	50	0	24.36	24.43	24.29		
10	16QAM	1	0	24.37	24.33	24.41	24.7	1
10	16QAM	1	25	24.20	24.39	24.22		
10	16QAM	1	49	24.27	24.37	24.28		
10	16QAM	25	0	23.28	23.50	23.38	23.7	2
10	16QAM	25	12	23.19	23.51	23.40		
10	16QAM	25	25	23.28	23.49	23.40		
10	16QAM	50	0	23.37	23.44	23.35		
10	64QAM	1	0	23.27	23.37	23.37	23.7	2
10	64QAM	1	25	23.14	23.40	23.26		
10	64QAM	1	49	23.28	23.42	23.19		
10	64QAM	25	0	22.37	22.54	22.37	22.7	3
10	64QAM	25	12	22.31	22.48	22.40		
10	64QAM	25	25	22.27	22.51	22.26		
10	64QAM	50	0	22.38	22.41	22.35		
10	256QAM	1	0	20.32	20.36	20.35	20.7	5
10	256QAM	1	25	20.28	20.53	20.34		
10	256QAM	1	49	20.37	20.48	20.24		
10	256QAM	25	0	20.49	20.37	20.33	20.7	5
10	256QAM	25	12	20.39	20.38	20.36		
10	256QAM	25	25	20.20	20.41	20.17		
10	256QAM	50	0	20.20	20.51	20.21		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	25.34	25.39	25.40	25.7	0
5	QPSK	1	12	25.28	25.41	25.34		
5	QPSK	1	24	25.30	25.40	25.26		
5	QPSK	12	0	24.38	24.42	24.37	24.7	1
5	QPSK	12	7	24.27	24.47	24.34		
5	QPSK	12	13	24.28	24.42	24.30		
5	QPSK	25	0	24.43	24.41	24.24		
5	16QAM	1	0	24.41	24.43	24.35	24.7	1
5	16QAM	1	12	24.16	24.38	24.21		
5	16QAM	1	24	24.25	24.40	24.27		
5	16QAM	12	0	23.31	23.52	23.40	23.7	2
5	16QAM	12	7	23.17	23.44	23.36		
5	16QAM	12	13	23.31	23.46	23.41		
5	16QAM	25	0	23.46	23.50	23.36		
5	64QAM	1	0	23.29	23.33	23.36	23.7	2
5	64QAM	1	12	23.14	23.39	23.26		
5	64QAM	1	24	23.31	23.33	23.22		
5	64QAM	12	0	22.32	22.46	22.43	22.7	3
5	64QAM	12	7	22.30	22.48	22.43		
5	64QAM	12	13	22.31	22.41	22.30		
5	64QAM	25	0	22.42	22.39	22.35		
5	256QAM	1	0	20.35	20.38	20.30	20.7	5
5	256QAM	1	12	20.24	20.51	20.29		
5	256QAM	1	24	20.29	20.48	20.28		
5	256QAM	12	0	20.48	20.38	20.29	20.7	5
5	256QAM	12	7	20.31	20.42	20.40		
5	256QAM	12	13	20.23	20.36	20.15		
5	256QAM	25	0	20.22	20.42	20.24		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.36	25.29	25.48	25.25	25.31	25.7	0
20	QPSK	1	49	25.22	25.16	25.43	25.23	25.20		
20	QPSK	1	99	25.31	25.26	25.39	25.18	25.21		
20	QPSK	50	0	24.39	24.31	24.51	24.25	24.34	24.7	1
20	QPSK	50	24	24.18	24.17	24.47	24.29	24.15		
20	QPSK	50	50	24.30	24.27	24.40	24.14	24.26		
20	QPSK	100	0	24.30	24.24	24.48	24.21	24.34		
20	16QAM	1	0	24.35	24.24	24.47	24.28	24.31	24.7	1
20	16QAM	1	49	24.23	24.18	24.47	24.17	24.18		
20	16QAM	1	99	24.33	24.23	24.40	24.18	24.26		
20	16QAM	50	0	23.39	23.26	23.46	23.29	23.28	23.7	2
20	16QAM	50	24	23.19	23.18	23.44	23.30	23.12		
20	16QAM	50	50	23.26	23.22	23.43	23.13	23.32		
20	16QAM	100	0	23.34	23.21	23.42	23.17	23.37		
20	64QAM	1	0	23.33	23.28	23.52	23.27	23.33	23.7	2
20	64QAM	1	49	23.23	23.15	23.44	23.13	23.19		
20	64QAM	1	99	23.29	23.25	23.40	23.16	23.30		
20	64QAM	50	0	22.42	22.35	22.52	22.21	22.30	22.7	3
20	64QAM	50	24	22.14	22.18	22.42	22.32	22.13		
20	64QAM	50	50	22.33	22.25	22.39	22.09	22.21		
20	64QAM	100	0	22.25	22.23	22.44	22.23	22.33		
20	256QAM	1	0	20.33	20.29	20.46	20.26	20.28	20.7	5
20	256QAM	1	49	20.13	20.12	20.44	20.27	20.21		
20	256QAM	1	99	20.32	20.26	20.43	20.19	20.22		
20	256QAM	50	0	20.34	20.20	20.48	20.22	20.30	20.7	5
20	256QAM	50	24	20.37	20.23	20.42	20.31	20.31		
20	256QAM	50	50	20.25	20.13	20.49	20.23	20.19		
20	256QAM	100	0	20.35	20.29	20.39	20.12	20.24		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.26	25.18	25.34	25.15	25.29	25.70	0
15	QPSK	1	37	25.09	25.02	25.36	25.20	25.12		
15	QPSK	1	74	25.28	25.23	25.35	25.08	25.17		
15	QPSK	36	0	24.34	24.20	24.39	24.16	24.21	24.7	1
15	QPSK	36	20	24.13	24.11	24.35	24.25	24.12		
15	QPSK	36	39	24.23	24.24	24.30	24.09	24.23		
15	QPSK	75	0	24.21	24.19	24.37	24.14	24.24		
15	16QAM	1	0	24.22	24.11	24.42	24.18	24.18	24.7	1
15	16QAM	1	37	24.13	24.12	24.45	24.05	24.12		
15	16QAM	1	74	24.29	24.10	24.35	24.15	24.16		
15	16QAM	36	0	23.31	23.17	23.44	23.23	23.22	23.7	2
15	16QAM	36	20	23.17	23.09	23.38	23.25	23.04		
15	16QAM	36	39	23.20	23.16	23.30	23.08	23.30		
15	16QAM	75	0	23.26	23.18	23.39	23.13	23.33		
15	64QAM	1	0	23.20	23.25	23.40	23.24	23.20	23.7	2
15	64QAM	1	37	23.20	23.07	23.40	23.04	23.14		
15	64QAM	1	74	23.26	23.12	23.35	23.02	23.18		
15	64QAM	36	0	22.29	22.23	22.40	22.13	22.18	22.7	3
15	64QAM	36	20	22.09	22.12	22.29	22.20	22.08		
15	64QAM	36	39	22.21	22.22	22.31	22.05	22.08		
15	64QAM	75	0	22.11	22.18	22.40	22.15	22.25		
15	256QAM	1	0	20.21	20.21	20.37	20.16	20.25	20.7	5
15	256QAM	1	37	20.07	20.01	20.38	20.22	20.17		
15	256QAM	1	74	20.20	20.18	20.31	20.13	20.17		
15	256QAM	36	0	20.25	20.16	20.39	20.09	20.20	20.7	5
15	256QAM	36	20	20.30	20.12	20.37	20.20	20.19		
15	256QAM	36	39	20.16	20.07	20.40	20.18	20.16		
15	256QAM	75	0	20.23	20.15	20.34	20.00	20.19		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.25	25.17	25.39	25.11	25.17	25.70	0
10	QPSK	1	25	25.12	25.05	25.32	25.11	25.11		
10	QPSK	1	49	25.27	25.19	25.31	25.13	25.17		
10	QPSK	25	0	24.27	24.21	24.43	24.13	24.26	24.7	1
10	QPSK	25	12	24.10	24.07	24.40	24.18	24.02		
10	QPSK	25	25	24.21	24.16	24.28	24.09	24.13		
10	QPSK	50	0	24.19	24.10	24.42	24.16	24.31		
10	16QAM	1	0	24.31	24.11	24.36	24.17	24.25	24.7	1
10	16QAM	1	25	24.14	24.08	24.43	24.06	24.12		
10	16QAM	1	49	24.26	24.15	24.34	24.14	24.15		
10	16QAM	25	0	23.33	23.17	23.38	23.26	23.16	23.7	2
10	16QAM	25	12	23.16	23.13	23.32	23.19	23.01		
10	16QAM	25	25	23.22	23.18	23.40	23.01	23.24		
10	16QAM	50	0	23.31	23.15	23.36	23.08	23.25		
10	64QAM	1	0	23.26	23.18	23.46	23.18	23.20	23.7	2
10	64QAM	1	25	23.11	23.05	23.36	23.00	23.07		
10	64QAM	1	49	23.24	23.22	23.26	23.10	23.18		
10	64QAM	25	0	22.28	22.26	22.45	22.12	22.25	22.7	3
10	64QAM	25	12	22.09	22.05	22.39	22.23	22.10		
10	64QAM	25	25	22.29	22.14	22.36	21.96	22.17		
10	64QAM	50	0	22.14	22.15	22.41	22.16	22.30		
10	256QAM	1	0	20.21	20.21	20.43	20.23	20.19	20.7	5
10	256QAM	1	25	20.01	20.07	20.30	20.18	20.16		
10	256QAM	1	49	20.24	20.22	20.33	20.12	20.18		
10	256QAM	25	0	20.26	20.10	20.46	20.14	20.26	20.7	5
10	256QAM	25	12	20.30	20.18	20.39	20.17	20.25		
10	256QAM	25	25	20.22	20.07	20.42	20.20	20.07		
10	256QAM	50	0	20.31	20.22	20.35	20.09	20.11		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.27	25.16	25.38	25.19	25.23	25.70	0
5	QPSK	1	12	25.09	25.06	25.33	25.20	25.12		
5	QPSK	1	24	25.29	25.14	25.33	25.09	25.17		
5	QPSK	12	0	24.32	24.24	24.44	24.17	24.24	24.7	1
5	QPSK	12	7	24.13	24.10	24.34	24.25	24.08		
5	QPSK	12	13	24.26	24.13	24.34	24.00	24.22		
5	QPSK	25	0	24.16	24.13	24.38	24.15	24.25		
5	16QAM	1	0	24.23	24.20	24.34	24.15	24.23	24.7	1
5	16QAM	1	12	24.20	24.08	24.34	24.08	24.16		
5	16QAM	1	24	24.24	24.17	24.29	24.16	24.19		
5	16QAM	12	0	23.28	23.14	23.39	23.19	23.15	23.7	2
5	16QAM	12	7	23.12	23.15	23.36	23.17	22.98		
5	16QAM	12	13	23.15	23.17	23.34	23.03	23.23		
5	16QAM	25	0	23.29	23.10	23.38	23.14	23.29		
5	64QAM	1	0	23.24	23.21	23.42	23.25	23.21	23.7	2
5	64QAM	1	12	23.19	23.07	23.42	23.04	23.06		
5	64QAM	1	24	23.18	23.18	23.37	23.10	23.25		
5	64QAM	12	0	22.30	22.32	22.40	22.12	22.22	22.7	3
5	64QAM	12	7	22.04	22.12	22.34	22.21	22.05		
5	64QAM	12	13	22.30	22.13	22.35	22.01	22.15		
5	64QAM	25	0	22.20	22.10	22.35	22.12	22.26		
5	256QAM	1	0	20.26	20.22	20.32	20.16	20.20	20.7	5
5	256QAM	1	12	20.05	20.05	20.38	20.20	20.19		
5	256QAM	1	24	20.28	20.19	20.39	20.09	20.17		
5	256QAM	12	0	20.30	20.12	20.45	20.12	20.25	20.7	5
5	256QAM	12	7	20.26	20.16	20.37	20.26	20.19		
5	256QAM	12	13	20.13	20.05	20.42	20.12	20.08		
5	256QAM	25	0	20.32	20.20	20.29	20.09	20.14		

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BW [MHz]	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	23.09	23.15	23.13	24.5	0
20	QPSK	1	49	23.00	23.10	23.09		
20	QPSK	1	99	22.97	23.09	23.04		
20	QPSK	50	0	22.09	22.21	22.10	23.5	1
20	QPSK	50	24	22.03	22.08	22.15		
20	QPSK	50	50	21.99	22.03	22.10		
20	QPSK	100	0	22.10	22.14	22.13		
20	16QAM	1	0	22.07	22.14	22.15	23.5	1
20	16QAM	1	49	22.06	22.16	22.06		
20	16QAM	1	99	21.98	22.11	22.02		
20	16QAM	50	0	21.07	21.17	21.08	22.5	2
20	16QAM	50	24	20.97	21.02	21.17		
20	16QAM	50	50	20.99	21.01	21.04		
20	16QAM	100	0	21.12	21.19	21.11		
20	64QAM	1	0	21.08	21.16	21.10	22.5	2
20	64QAM	1	49	21.07	21.22	21.07		
20	64QAM	1	99	20.94	21.06	21.00		
20	64QAM	50	0	20.09	20.26	20.07	21.5	3
20	64QAM	50	24	20.04	20.11	20.15		
20	64QAM	50	50	19.99	19.98	20.11		
20	64QAM	100	0	20.10	20.10	20.19		
20	256QAM	1	0	18.10	18.25	18.13	19.5	5
20	256QAM	1	49	17.98	18.06	18.14		
20	256QAM	1	99	17.97	18.05	18.13		
20	256QAM	50	0	18.14	18.17	18.14	19.5	5
20	256QAM	50	24	18.07	18.11	18.17		
20	256QAM	50	50	18.00	18.12	18.01		
20	256QAM	100	0	18.02	18.09	17.96		
Channel				37625	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.02	23.05	23.10	24.5	0
15	QPSK	1	37	22.89	23.07	22.99		
15	QPSK	1	74	22.86	22.96	22.99		
15	QPSK	36	0	22.05	22.13	22.03	23.5	1
15	QPSK	36	20	22.01	21.94	22.10		
15	QPSK	36	39	21.91	21.98	21.97		
15	QPSK	75	0	22.08	22.08	22.05		
15	16QAM	1	0	21.99	22.01	22.11	23.5	1
15	16QAM	1	37	21.96	22.13	22.03		
15	16QAM	1	74	21.96	22.06	21.94		
15	16QAM	36	0	20.95	21.13	21.03	22.5	2
15	16QAM	36	20	20.90	20.98	21.03		
15	16QAM	36	39	20.87	20.94	20.91		
15	16QAM	75	0	20.99	21.14	20.99		
15	64QAM	1	0	21.01	21.04	20.99	22.5	2
15	64QAM	1	37	21.01	21.10	21.03		
15	64QAM	1	74	20.83	21.01	20.98		
15	64QAM	36	0	19.99	20.17	19.95	21.5	3
15	64QAM	36	20	19.97	20.09	20.09		
15	64QAM	36	39	19.89	19.85	20.01		
15	64QAM	75	0	20.00	19.96	20.06		
15	256QAM	1	0	18.01	18.15	18.01	19.5	5
15	256QAM	1	37	17.93	18.04	18.06		
15	256QAM	1	74	17.83	17.92	18.01		
15	256QAM	36	0	18.06	18.13	18.01	19.5	5
15	256QAM	36	20	18.03	18.01	18.11		
15	256QAM	36	39	17.86	18.07	17.98		
15	256QAM	75	0	17.99	18.06	17.82		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.98	23.12	23.11	24.5	0
10	QPSK	1	25	22.89	23.03	22.98		
10	QPSK	1	49	22.89	23.00	22.94		
10	QPSK	25	0	22.06	22.14	22.04	23.5	1
10	QPSK	25	12	21.93	22.02	22.08		
10	QPSK	25	25	21.89	21.98	22.01		
10	QPSK	50	0	22.03	22.11	22.10		
10	16QAM	1	0	21.94	22.09	22.10	23.5	1
10	16QAM	1	25	21.99	22.11	22.02		
10	16QAM	1	49	21.92	22.05	21.89		
10	16QAM	25	0	21.05	21.03	20.98	22.5	2
10	16QAM	25	12	20.87	20.96	21.07		
10	16QAM	25	25	20.93	20.96	20.92		
10	16QAM	50	0	21.08	21.06	21.07		
10	64QAM	1	0	21.04	21.03	21.03	22.5	2
10	64QAM	1	25	21.04	21.09	20.94		
10	64QAM	1	49	20.86	20.98	20.91		
10	64QAM	25	0	20.06	20.18	19.94	21.5	3
10	64QAM	25	12	19.99	20.04	20.07		
10	64QAM	25	25	19.97	19.86	20.03		
10	64QAM	50	0	20.06	20.06	20.15		
10	256QAM	1	0	17.97	18.12	18.07	19.5	5
10	256QAM	1	25	17.93	18.03	18.01		
10	256QAM	1	49	17.90	17.91	18.10		
10	256QAM	25	0	18.11	18.12	18.10	19.5	5
10	256QAM	25	12	18.02	18.07	18.09		
10	256QAM	25	25	17.87	18.05	17.92		
10	256QAM	50	0	17.93	18.02	17.92		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.99	23.08	23.06	24.5	0
5	QPSK	1	12	22.90	22.98	22.99		
5	QPSK	1	24	22.85	22.97	23.02		
5	QPSK	12	0	22.07	22.08	22.06	23.5	1
5	QPSK	12	7	21.94	21.98	22.04		
5	QPSK	12	13	21.89	21.97	22.00		
5	QPSK	25	0	22.04	22.01	22.02		
5	16QAM	1	0	21.99	22.02	22.08	23.5	1
5	16QAM	1	12	21.97	22.11	22.04		
5	16QAM	1	24	21.95	22.00	21.91		
5	16QAM	12	0	21.01	21.15	21.03	22.5	2
5	16QAM	12	7	20.86	20.95	21.10		
5	16QAM	12	13	20.92	20.93	20.94		
5	16QAM	25	0	21.04	21.07	21.07		
5	64QAM	1	0	20.99	21.10	21.00	22.5	2
5	64QAM	1	12	21.00	21.11	20.95		
5	64QAM	1	24	20.82	20.99	20.91		
5	64QAM	12	0	20.03	20.16	19.96	21.5	3
5	64QAM	12	7	19.92	19.99	20.11		
5	64QAM	12	13	19.87	19.92	20.04		
5	64QAM	25	0	20.01	20.06	20.08		
5	256QAM	1	0	18.05	18.19	18.05	19.5	5
5	256QAM	1	12	17.88	17.94	18.04		
5	256QAM	1	24	17.95	17.94	18.03		
5	256QAM	12	0	18.08	18.12	18.10	19.5	5
5	256QAM	12	7	17.95	18.01	18.13		
5	256QAM	12	13	17.88	17.99	17.89		
5	256QAM	25	0	17.91	18.01	17.83		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.05	22.97	23.11	23.02	22.96	24.5	0
20	QPSK	1	49	22.98	22.87	23.06	22.98	22.90		
20	QPSK	1	99	22.98	22.94	23.03	22.90	22.86		
20	QPSK	50	0	22.10	21.92	22.15	22.05	22.00	23.5	1
20	QPSK	50	24	22.04	21.83	22.11	21.92	21.87		
20	QPSK	50	50	21.98	21.89	22.05	21.88	21.89		
20	QPSK	100	0	22.10	22.00	22.12	22.07	22.01		
20	16QAM	1	0	22.08	21.91	22.09	22.01	22.01	23.5	1
20	16QAM	1	49	22.00	21.90	22.06	22.01	21.89		
20	16QAM	1	99	21.99	21.96	22.05	21.93	21.88		
20	16QAM	50	0	21.14	20.95	21.11	21.01	20.97	22.5	2
20	16QAM	50	24	21.05	20.87	21.07	20.89	20.82		
20	16QAM	50	50	20.96	20.83	21.09	20.88	20.84		
20	16QAM	100	0	21.11	21.06	21.17	21.08	21.05		
20	64QAM	1	0	21.12	20.96	21.12	21.00	21.02	22.5	2
20	64QAM	1	49	21.04	20.95	21.11	21.05	20.94		
20	64QAM	1	99	20.97	20.98	21.07	20.97	20.91		
20	64QAM	50	0	20.10	19.90	20.15	20.08	20.04	21.5	3
20	64QAM	50	24	20.09	19.80	20.16	19.97	19.91		
20	64QAM	50	50	19.94	19.85	20.05	19.93	19.91		
20	64QAM	100	0	20.13	20.01	20.12	20.09	19.96		
20	256QAM	1	0	18.09	17.95	18.16	18.03	17.99	19.5	5
20	256QAM	1	49	18.00	17.78	18.16	17.88	17.89		
20	256QAM	1	99	17.99	17.92	18.10	17.91	17.93		
20	256QAM	50	0	18.11	17.96	18.07	18.12	18.05	19.5	5
20	256QAM	50	24	18.09	17.94	18.15	17.98	18.06		
20	256QAM	50	50	18.05	17.86	18.10	17.98	17.85		
20	256QAM	100	0	18.03	17.98	18.02	17.89	17.90		
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	23.00	22.93	23.08	22.91	22.83	24.50	0
15	QPSK	1	37	22.87	22.77	22.95	22.94	22.81		
15	QPSK	1	74	22.85	22.90	23.00	22.87	22.83		
15	QPSK	36	0	22.03	21.87	22.09	21.98	21.96	23.5	1
15	QPSK	36	20	22.00	21.71	22.04	21.87	21.81		
15	QPSK	36	39	21.84	21.76	21.99	21.83	21.86		
15	QPSK	75	0	21.99	21.95	22.05	22.04	21.98		
15	16QAM	1	0	21.94	21.85	21.99	21.98	21.97	23.5	1
15	16QAM	1	37	21.94	21.83	22.04	21.94	21.81		
15	16QAM	1	74	21.93	21.83	21.97	21.88	21.78		
15	16QAM	36	0	21.06	20.86	21.06	20.97	20.89	22.5	2
15	16QAM	36	20	20.99	20.84	21.01	20.82	20.80		
15	16QAM	36	39	20.87	20.78	21.04	20.85	20.78		
15	16QAM	75	0	21.04	20.98	21.14	20.96	20.95		
15	64QAM	1	0	21.05	20.86	21.08	20.95	20.98	22.5	2
15	64QAM	1	37	20.90	20.83	21.04	21.01	20.91		
15	64QAM	1	74	20.95	20.89	20.95	20.87	20.88		
15	64QAM	36	0	20.06	19.80	20.13	20.05	19.90	21.5	3
15	64QAM	36	20	20.01	19.72	20.05	19.90	19.87		
15	64QAM	36	39	19.84	19.73	19.97	19.86	19.88		
15	64QAM	75	0	20.03	19.94	20.09	20.05	19.94		
15	256QAM	1	0	18.02	17.82	18.13	17.95	17.85	19.5	5
15	256QAM	1	37	17.92	17.73	18.07	17.84	17.76		
15	256QAM	1	74	17.88	17.82	18.00	17.85	17.90		
15	256QAM	36	0	17.97	17.85	17.94	18.03	17.96	19.5	5
15	256QAM	36	20	18.00	17.87	18.07	17.91	18.02		
15	256QAM	36	39	17.99	17.80	18.01	17.93	17.74		
15	256QAM	75	0	18.01	17.89	17.97	17.84	17.82		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.96	22.90	23.01	22.96	22.85	24.50	0
10	QPSK	1	25	22.86	22.81	22.95	22.87	22.87		
10	QPSK	1	49	22.96	22.84	22.94	22.80	22.80		
10	QPSK	25	0	22.06	21.87	22.04	21.93	21.88	23.5	1
10	QPSK	25	12	21.99	21.80	22.05	21.79	21.77		
10	QPSK	25	25	21.87	21.87	22.03	21.76	21.86		
10	QPSK	50	0	22.06	21.94	22.09	21.94	21.95		
10	16QAM	1	0	22.01	21.80	22.06	21.96	21.94	23.5	1
10	16QAM	1	25	21.96	21.87	22.03	21.90	21.81		
10	16QAM	1	49	21.90	21.93	22.03	21.89	21.77		
10	16QAM	25	0	21.09	20.87	21.06	20.97	20.85	22.5	2
10	16QAM	25	12	20.97	20.83	21.02	20.83	20.77		
10	16QAM	25	25	20.83	20.70	20.97	20.76	20.77		
10	16QAM	50	0	21.07	20.95	21.07	20.97	20.99		
10	64QAM	1	0	20.99	20.85	21.08	20.92	20.92	22.5	2
10	64QAM	1	25	20.94	20.92	21.08	21.02	20.90		
10	64QAM	1	49	20.85	20.84	20.94	20.93	20.79		
10	64QAM	25	0	20.04	19.78	20.04	19.95	19.91	21.5	3
10	64QAM	25	12	19.97	19.68	20.08	19.93	19.87		
10	64QAM	25	25	19.83	19.76	19.96	19.83	19.82		
10	64QAM	50	0	20.03	19.89	20.08	20.07	19.91		
10	256QAM	1	0	18.01	17.82	18.08	17.92	17.90	19.5	5
10	256QAM	1	25	17.98	17.71	18.10	17.75	17.79		
10	256QAM	1	49	17.92	17.79	18.04	17.79	17.84		
10	256QAM	25	0	18.03	17.82	17.94	18.06	17.94	19.5	5
10	256QAM	25	12	18.00	17.91	18.08	17.96	17.98		
10	256QAM	25	25	17.91	17.80	18.05	17.94	17.78		
10	256QAM	50	0	17.94	17.91	17.99	17.83	17.84		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.91	22.85	22.99	22.97	22.92	24.50	0
5	QPSK	1	12	22.94	22.74	23.03	22.95	22.85		
5	QPSK	1	24	22.95	22.90	22.93	22.86	22.84		
5	QPSK	12	0	21.98	21.90	22.09	22.03	21.88	23.5	1
5	QPSK	12	7	21.96	21.76	22.09	21.79	21.76		
5	QPSK	12	13	21.95	21.85	21.95	21.74	21.81		
5	QPSK	25	0	21.97	21.96	22.07	21.97	21.90		
5	16QAM	1	0	22.05	21.86	22.01	21.92	21.98	23.5	1
5	16QAM	1	12	21.88	21.80	22.00	21.87	21.85		
5	16QAM	1	24	21.88	21.87	22.02	21.81	21.76		
5	16QAM	12	0	21.09	20.91	21.07	20.90	20.86	22.5	2
5	16QAM	12	7	21.03	20.82	20.94	20.86	20.71		
5	16QAM	12	13	20.90	20.71	20.99	20.78	20.79		
5	16QAM	25	0	21.08	20.96	21.09	21.00	21.01		
5	64QAM	1	0	21.01	20.86	21.02	20.97	21.00	22.5	2
5	64QAM	1	12	20.92	20.92	21.08	20.99	20.90		
5	64QAM	1	24	20.90	20.95	21.00	20.88	20.80		
5	64QAM	12	0	19.97	19.85	20.11	19.97	19.98	21.5	3
5	64QAM	12	7	20.01	19.70	20.12	19.88	19.89		
5	64QAM	12	13	19.86	19.81	19.96	19.80	19.80		
5	64QAM	25	0	20.07	19.96	20.03	20.05	19.91		
5	256QAM	1	0	18.03	17.92	18.14	17.93	17.87	19.5	5
5	256QAM	1	12	17.96	17.66	18.06	17.86	17.76		
5	256QAM	1	24	17.88	17.86	18.04	17.87	17.80		
5	256QAM	12	0	18.06	17.85	18.04	17.98	17.95	19.5	5
5	256QAM	12	7	18.02	17.92	18.10	17.87	17.94		
5	256QAM	12	13	18.01	17.76	18.07	17.91	17.77		
5	256QAM	25	0	17.94	17.88	17.89	17.77	17.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.21	24.24	24.19	25.5	0
20	QPSK	1	49	24.18	24.20	24.14		
20	QPSK	1	99	24.10	24.17	24.09		
20	QPSK	50	0	23.20	23.28	23.14	24.5	1
20	QPSK	50	24	23.16	23.22	23.17		
20	QPSK	50	50	23.07	23.12	23.10		
20	QPSK	100	0	23.16	23.27	23.15		
20	16QAM	1	0	23.16	23.24	23.18	24.5	1
20	16QAM	1	49	23.19	23.17	23.09		
20	16QAM	1	99	23.09	23.20	23.12		
20	16QAM	50	0	22.23	22.25	22.12	23.5	2
20	16QAM	50	24	22.13	22.17	22.13		
20	16QAM	50	50	22.02	22.16	22.09		
20	16QAM	100	0	22.20	22.26	22.18		
20	64QAM	1	0	22.16	22.29	22.23	23.5	2
20	64QAM	1	49	22.16	22.14	22.03		
20	64QAM	1	99	22.10	22.26	22.16		
20	64QAM	50	0	21.14	21.30	21.19	22.5	3
20	64QAM	50	24	21.14	21.18	21.18		
20	64QAM	50	50	21.11	21.17	21.05		
20	64QAM	100	0	21.19	21.32	21.16		
20	256QAM	1	0	19.22	19.26	19.13	20.5	5
20	256QAM	1	49	19.19	19.27	19.20		
20	256QAM	1	99	19.07	19.17	19.10		
20	256QAM	50	0	19.15	19.28	19.16	20.5	5
20	256QAM	50	24	19.20	19.18	19.14		
20	256QAM	50	50	19.15	19.16	19.11		
20	256QAM	100	0	19.11	19.25	19.09		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.18	24.13	24.13	25.5	0
15	QPSK	1	37	24.15	24.10	24.11		
15	QPSK	1	74	23.98	24.11	24.01		
15	QPSK	36	0	23.08	23.17	23.05	24.5	1
15	QPSK	36	20	23.09	23.13	23.04		
15	QPSK	36	39	22.93	23.09	22.99		
15	QPSK	75	0	23.03	23.17	23.11		
15	16QAM	1	0	23.13	23.14	23.16	24.5	1
15	16QAM	1	37	23.06	23.08	23.01		
15	16QAM	1	74	23.05	23.14	22.99		
15	16QAM	36	0	22.11	22.19	22.03	23.5	2
15	16QAM	36	20	22.03	22.14	22.04		
15	16QAM	36	39	21.90	22.07	22.05		
15	16QAM	75	0	22.16	22.15	22.09		
15	64QAM	1	0	22.09	22.26	22.11	23.5	2
15	64QAM	1	37	22.06	22.10	21.96		
15	64QAM	1	74	22.05	22.12	22.12		
15	64QAM	36	0	21.08	21.25	21.14	22.5	3
15	64QAM	36	20	21.00	21.11	21.05		
15	64QAM	36	39	21.02	21.09	20.93		
15	64QAM	75	0	21.15	21.24	21.14		
15	256QAM	1	0	19.19	19.14	19.07	20.5	5
15	256QAM	1	37	19.08	19.20	19.10		
15	256QAM	1	74	19.04	19.14	18.99		
15	256QAM	36	0	19.03	19.19	19.07	20.5	5
15	256QAM	36	20	19.09	19.15	19.06		
15	256QAM	36	39	19.12	19.10	19.02		
15	256QAM	75	0	19.03	19.21	19.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.14	24.13	24.12	25.5	0
10	QPSK	1	25	24.07	24.11	24.10		
10	QPSK	1	49	24.00	24.12	24.01		
10	QPSK	25	0	23.11	23.17	23.02	24.5	1
10	QPSK	25	12	23.13	23.10	23.04		
10	QPSK	25	25	22.94	23.04	23.03		
10	QPSK	50	0	23.12	23.13	23.02		
10	16QAM	1	0	23.04	23.20	23.10	24.5	1
10	16QAM	1	25	23.06	23.11	23.00		
10	16QAM	1	49	23.00	23.10	22.98		
10	16QAM	25	0	22.14	22.13	22.05	23.5	2
10	16QAM	25	12	22.07	22.11	22.07		
10	16QAM	25	25	21.93	22.13	22.05		
10	16QAM	50	0	22.17	22.17	22.11		
10	64QAM	1	0	22.10	22.24	22.12	23.5	2
10	64QAM	1	25	22.09	22.00	21.96		
10	64QAM	1	49	22.04	22.19	22.10		
10	64QAM	25	0	21.10	21.18	21.06	22.5	3
10	64QAM	25	12	21.04	21.10	21.10		
10	64QAM	25	25	21.02	21.14	21.00		
10	64QAM	50	0	21.15	21.22	21.04		
10	256QAM	1	0	19.13	19.18	19.00	20.5	5
10	256QAM	1	25	19.12	19.19	19.13		
10	256QAM	1	49	18.99	19.15	18.97		
10	256QAM	25	0	19.05	19.26	19.07	20.5	5
10	256QAM	25	12	19.11	19.05	19.11		
10	256QAM	25	25	19.13	19.14	19.05		
10	256QAM	50	0	18.99	19.21	19.03		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.07	24.20	24.06	25.5	0
5	QPSK	1	12	24.09	24.11	24.01		
5	QPSK	1	24	23.97	24.13	23.99		
5	QPSK	12	0	23.07	23.16	23.07	24.5	1
5	QPSK	12	7	23.12	23.09	23.12		
5	QPSK	12	13	22.94	23.00	22.99		
5	QPSK	25	0	23.12	23.24	23.02		
5	16QAM	1	0	23.14	23.21	23.05	24.5	1
5	16QAM	1	12	23.11	23.09	23.03		
5	16QAM	1	24	23.00	23.13	23.04		
5	16QAM	12	0	22.11	22.22	22.06	23.5	2
5	16QAM	12	7	22.05	22.05	22.11		
5	16QAM	12	13	21.93	22.09	21.96		
5	16QAM	25	0	22.11	22.15	22.15		
5	64QAM	1	0	22.12	22.24	22.19	23.5	2
5	64QAM	1	12	22.13	22.04	21.94		
5	64QAM	1	24	21.97	22.19	22.12		
5	64QAM	12	0	21.11	21.27	21.14	22.5	3
5	64QAM	12	7	21.11	21.09	21.12		
5	64QAM	12	13	21.03	21.15	21.02		
5	64QAM	25	0	21.10	21.23	21.07		
5	256QAM	1	0	19.08	19.15	19.10	20.5	5
5	256QAM	1	12	19.14	19.24	19.16		
5	256QAM	1	24	18.98	19.14	19.04		
5	256QAM	12	0	19.04	19.24	19.08	20.5	5
5	256QAM	12	7	19.16	19.08	19.01		
5	256QAM	12	13	19.11	19.11	19.02		
5	256QAM	25	0	18.99	19.18	18.98		

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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	24.13	24.18	24.19	24.00	24.05	25.5	0
20	QPSK	1	49	24.06	24.11	24.17	23.92	24.01		
20	QPSK	1	99	24.02	24.09	24.16	23.91	23.93		
20	QPSK	50	0	23.14	23.19	23.21	23.02	23.05	24.5	1
20	QPSK	50	24	23.03	23.09	23.20	22.97	22.98		
20	QPSK	50	50	22.99	23.11	23.20	22.89	22.97		
20	QPSK	100	0	23.19	23.22	23.19	22.95	23.04		
20	16QAM	1	0	23.10	23.23	23.14	22.95	23.06	24.5	1
20	16QAM	1	49	23.06	23.10	23.15	22.91	22.97		
20	16QAM	1	99	22.99	23.07	23.22	22.88	22.94		
20	16QAM	50	0	22.13	22.13	22.23	22.08	22.06	23.5	2
20	16QAM	50	24	22.04	22.05	22.16	22.00	21.96		
20	16QAM	50	50	21.99	22.11	22.16	21.85	22.03		
20	16QAM	100	0	22.18	22.25	22.19	21.97	22.09		
20	64QAM	1	0	22.14	22.21	22.10	21.98	22.00	23.5	2
20	64QAM	1	49	22.02	22.09	22.12	21.88	21.99		
20	64QAM	1	99	22.00	22.04	22.26	21.83	21.93		
20	64QAM	50	0	21.16	21.18	21.17	20.99	21.01	22.5	3
20	64QAM	50	24	21.08	21.11	21.19	20.99	20.93		
20	64QAM	50	50	20.97	21.16	21.19	20.92	20.91		
20	64QAM	100	0	21.15	21.19	21.21	20.92	21.02		
20	256QAM	1	0	19.10	19.18	19.19	19.01	19.10	20.5	5
20	256QAM	1	49	19.05	19.05	19.21	18.94	18.95		
20	256QAM	1	99	18.94	19.15	19.20	18.86	18.99		
20	256QAM	50	0	19.13	19.18	19.15	18.93	19.01	20.5	5
20	256QAM	50	24	19.16	19.20	19.14	18.89	19.08		
20	256QAM	50	50	19.05	19.10	19.12	18.89	18.96		
20	256QAM	100	0	18.99	19.12	19.18	18.82	18.97		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.10	24.06	24.12	23.93	23.94	25.50	0
15	QPSK	1	37	24.04	24.07	24.11	23.82	23.93		
15	QPSK	1	74	23.94	23.96	24.10	23.78	23.85		
15	QPSK	36	0	23.11	23.09	23.09	22.98	22.94	24.5	1
15	QPSK	36	20	22.97	22.98	23.14	22.85	22.93		
15	QPSK	36	39	22.92	23.05	23.08	22.78	22.87		
15	QPSK	75	0	23.08	23.17	23.14	22.86	23.01		
15	16QAM	1	0	22.97	23.19	23.03	22.90	22.93	24.5	1
15	16QAM	1	37	23.03	23.05	23.08	22.82	22.83		
15	16QAM	1	74	22.91	22.98	23.17	22.84	22.89		
15	16QAM	36	0	22.00	22.05	22.18	22.00	21.94	23.5	2
15	16QAM	36	20	21.97	22.01	22.05	21.95	21.82		
15	16QAM	36	39	21.88	22.07	22.05	21.83	21.97		
15	16QAM	75	0	22.05	22.17	22.12	21.85	22.06		
15	64QAM	1	0	22.02	22.11	22.05	21.92	21.88	23.5	2
15	64QAM	1	37	21.91	22.02	22.08	21.83	21.88		
15	64QAM	1	74	21.91	21.92	22.23	21.77	21.90		
15	64QAM	36	0	21.04	21.12	21.07	20.93	20.97	22.5	3
15	64QAM	36	20	20.96	21.07	21.05	20.85	20.84		
15	64QAM	36	39	20.86	21.03	21.08	20.78	20.88		
15	64QAM	75	0	21.03	21.08	21.09	20.86	20.98		
15	256QAM	1	0	19.02	19.15	19.09	18.92	19.05	20.5	5
15	256QAM	1	37	18.93	19.01	19.18	18.84	18.84		
15	256QAM	1	74	18.91	19.04	19.17	18.73	18.87		
15	256QAM	36	0	19.09	19.12	19.06	18.90	18.96	20.5	5
15	256QAM	36	20	19.07	19.08	19.07	18.75	19.05		
15	256QAM	36	39	18.99	19.03	19.04	18.80	18.88		
15	256QAM	75	0	18.97	19.10	19.13	18.73	18.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.00	24.11	24.06	23.96	23.96	25.50	0
10	QPSK	1	25	24.04	24.03	24.12	23.81	23.88		
10	QPSK	1	49	23.90	23.99	24.09	23.79	23.91		
10	QPSK	25	0	23.04	23.14	23.11	22.95	22.98	24.5	1
10	QPSK	25	12	23.01	23.00	23.09	22.93	22.91		
10	QPSK	25	25	22.86	22.98	23.08	22.85	22.94		
10	QPSK	50	0	23.12	23.14	23.12	22.91	22.97		
10	16QAM	1	0	23.07	23.12	23.05	22.89	22.93	24.5	1
10	16QAM	1	25	23.02	22.97	23.05	22.84	22.91		
10	16QAM	1	49	22.85	22.99	23.14	22.76	22.84		
10	16QAM	25	0	22.08	22.06	22.16	21.94	21.93	23.5	2
10	16QAM	25	12	21.97	21.93	22.09	21.96	21.91		
10	16QAM	25	25	21.90	22.05	22.12	21.74	21.91		
10	16QAM	50	0	22.15	22.18	22.13	21.93	21.97		
10	64QAM	1	0	22.07	22.17	22.06	21.85	21.97	23.5	2
10	64QAM	1	25	21.99	22.05	21.99	21.79	21.96		
10	64QAM	1	49	21.94	21.95	22.20	21.76	21.87		
10	64QAM	25	0	21.06	21.10	21.07	20.91	20.93	22.5	3
10	64QAM	25	12	20.99	21.05	21.16	20.90	20.80		
10	64QAM	25	25	20.83	21.05	21.11	20.88	20.79		
10	64QAM	50	0	21.02	21.16	21.15	20.84	20.96		
10	256QAM	1	0	19.00	19.05	19.09	18.87	18.98	20.5	5
10	256QAM	1	25	18.97	18.98	19.08	18.88	18.85		
10	256QAM	1	49	18.91	19.06	19.06	18.73	18.89		
10	256QAM	25	0	19.05	19.11	19.09	18.81	18.90	20.5	5
10	256QAM	25	12	19.10	19.12	19.00	18.81	19.05		
10	256QAM	25	25	18.99	19.08	19.02	18.78	18.93		
10	256QAM	50	0	18.89	19.03	19.14	18.78	18.88		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.00	24.07	24.17	23.92	23.92	25.50	0
5	QPSK	1	12	24.02	24.02	24.03	23.79	23.90		
5	QPSK	1	24	23.98	24.04	24.05	23.83	23.82		
5	QPSK	12	0	23.05	23.06	23.19	22.91	23.01	24.5	1
5	QPSK	12	7	22.94	22.97	23.13	22.90	22.94		
5	QPSK	12	13	22.94	23.07	23.12	22.82	22.94		
5	QPSK	25	0	23.06	23.12	23.14	22.83	23.00		
5	16QAM	1	0	23.00	23.15	23.05	22.84	22.98	24.5	1
5	16QAM	1	12	23.04	23.02	23.03	22.83	22.86		
5	16QAM	1	24	22.87	23.02	23.09	22.84	22.89		
5	16QAM	12	0	22.10	22.09	22.15	22.00	22.00	23.5	2
5	16QAM	12	7	21.95	21.97	22.13	21.95	21.88		
5	16QAM	12	13	21.86	22.05	22.10	21.75	21.90		
5	16QAM	25	0	22.05	22.19	22.05	21.91	22.05		
5	64QAM	1	0	22.10	22.19	21.97	21.87	21.92	23.5	2
5	64QAM	1	12	21.94	22.04	22.02	21.82	21.91		
5	64QAM	1	24	21.86	22.02	22.22	21.76	21.87		
5	64QAM	12	0	21.08	21.10	21.09	20.92	20.94	22.5	3
5	64QAM	12	7	20.96	21.07	21.16	20.90	20.83		
5	64QAM	12	13	20.89	21.11	21.09	20.81	20.79		
5	64QAM	25	0	21.04	21.16	21.12	20.84	20.98		
5	256QAM	1	0	19.04	19.14	19.16	18.88	19.03	20.5	5
5	256QAM	1	12	19.02	18.93	19.15	18.90	18.91		
5	256QAM	1	24	18.80	19.13	19.10	18.84	18.90		
5	256QAM	12	0	19.04	19.12	19.12	18.88	18.93	20.5	5
5	256QAM	12	7	19.05	19.10	19.01	18.83	18.98		
5	256QAM	12	13	18.96	19.03	19.02	18.81	18.84		
5	256QAM	25	0	18.95	19.07	19.13	18.70	18.94		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.43	21.52	21.46	23	0
20	QPSK	1	49	21.36	21.48	21.37		
20	QPSK	1	99	21.31	21.47	21.41		
20	QPSK	50	0	20.47	20.54	20.40	22	1
20	QPSK	50	24	20.35	20.48	20.39		
20	QPSK	50	50	20.27	20.52	20.35		
20	QPSK	100	0	20.45	20.53	20.40		
20	16QAM	1	0	20.48	20.47	20.49	22	1
20	16QAM	1	49	20.36	20.54	20.34		
20	16QAM	1	99	20.33	20.52	20.43		
20	16QAM	50	0	19.47	19.56	19.43	21	2
20	16QAM	50	24	19.30	19.52	19.43		
20	16QAM	50	50	19.33	19.55	19.40		
20	16QAM	100	0	19.47	19.52	19.36		
20	64QAM	1	0	19.54	19.47	19.46	21	2
20	64QAM	1	49	19.40	19.58	19.37		
20	64QAM	1	99	19.31	19.47	19.37		
20	64QAM	50	0	18.53	18.59	18.43	20	3
20	64QAM	50	24	18.31	18.46	18.45		
20	64QAM	50	50	18.29	18.48	18.30		
20	64QAM	100	0	18.49	18.53	18.41		
20	256QAM	1	0	16.48	16.57	16.41	18	5
20	256QAM	1	49	16.38	16.50	16.39		
20	256QAM	1	99	16.21	16.50	16.34		
20	256QAM	50	0	16.47	16.53	16.46	18	5
20	256QAM	50	24	16.47	16.49	16.44		
20	256QAM	50	50	16.32	16.56	16.30		
20	256QAM	100	0	16.27	16.55	16.38		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.36	21.49	21.36	23	0
15	QPSK	1	37	21.31	21.37	21.32		
15	QPSK	1	74	21.17	21.45	21.37		
15	QPSK	36	0	20.42	20.47	20.29	22	1
15	QPSK	36	20	20.32	20.34	20.34		
15	QPSK	36	39	20.15	20.48	20.25		
15	QPSK	75	0	20.39	20.40	20.35		
15	16QAM	1	0	20.42	20.39	20.41	22	1
15	16QAM	1	37	20.25	20.41	20.30		
15	16QAM	1	74	20.22	20.40	20.35		
15	16QAM	36	0	19.36	19.45	19.33	21	2
15	16QAM	36	20	19.24	19.49	19.34		
15	16QAM	36	39	19.28	19.42	19.36		
15	16QAM	75	0	19.44	19.44	19.23		
15	64QAM	1	0	19.42	19.39	19.39	21	2
15	64QAM	1	37	19.28	19.51	19.33		
15	64QAM	1	74	19.21	19.39	19.30		
15	64QAM	36	0	18.49	18.48	18.36	20	3
15	64QAM	36	20	18.27	18.41	18.42		
15	64QAM	36	39	18.26	18.38	18.18		
15	64QAM	75	0	18.37	18.40	18.38		
15	256QAM	1	0	16.37	16.54	16.30	18	5
15	256QAM	1	37	16.25	16.41	16.35		
15	256QAM	1	74	16.09	16.40	16.21		
15	256QAM	36	0	16.43	16.48	16.43	18	5
15	256QAM	36	20	16.37	16.43	16.37		
15	256QAM	36	39	16.19	16.44	16.17		
15	256QAM	75	0	16.17	16.48	16.28		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.40	21.49	21.42	23	0
10	QPSK	1	25	21.27	21.38	21.28		
10	QPSK	1	49	21.25	21.38	21.30		
10	QPSK	25	0	20.34	20.50	20.29	22	1
10	QPSK	25	12	20.31	20.38	20.26		
10	QPSK	25	25	20.22	20.40	20.23		
10	QPSK	50	0	20.36	20.46	20.38		
10	16QAM	1	0	20.34	20.34	20.37	22	1
10	16QAM	1	25	20.30	20.41	20.24		
10	16QAM	1	49	20.20	20.39	20.37		
10	16QAM	25	0	19.38	19.45	19.32	21	2
10	16QAM	25	12	19.25	19.43	19.39		
10	16QAM	25	25	19.21	19.45	19.35		
10	16QAM	50	0	19.38	19.48	19.34		
10	64QAM	1	0	19.51	19.35	19.37	21	2
10	64QAM	1	25	19.37	19.51	19.30		
10	64QAM	1	49	19.18	19.44	19.28		
10	64QAM	25	0	18.49	18.45	18.35	20	3
10	64QAM	25	12	18.25	18.32	18.33		
10	64QAM	25	25	18.19	18.40	18.24		
10	64QAM	50	0	18.36	18.48	18.27		
10	256QAM	1	0	16.39	16.50	16.29	18	5
10	256QAM	1	25	16.31	16.44	16.35		
10	256QAM	1	49	16.11	16.41	16.29		
10	256QAM	25	0	16.36	16.50	16.43	18	5
10	256QAM	25	12	16.41	16.40	16.39		
10	256QAM	25	25	16.27	16.45	16.24		
10	256QAM	50	0	16.21	16.43	16.32		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.38	21.45	21.42	23	0
5	QPSK	1	12	21.31	21.40	21.35		
5	QPSK	1	24	21.20	21.40	21.38		
5	QPSK	12	0	20.37	20.48	20.26	22	1
5	QPSK	12	7	20.24	20.45	20.27		
5	QPSK	12	13	20.16	20.49	20.29		
5	QPSK	25	0	20.39	20.42	20.28		
5	16QAM	1	0	20.41	20.42	20.43	22	1
5	16QAM	1	12	20.23	20.41	20.26		
5	16QAM	1	24	20.21	20.45	20.35		
5	16QAM	12	0	19.40	19.51	19.37	21	2
5	16QAM	12	7	19.28	19.41	19.34		
5	16QAM	12	13	19.28	19.50	19.29		
5	16QAM	25	0	19.39	19.45	19.30		
5	64QAM	1	0	19.47	19.42	19.41	21	2
5	64QAM	1	12	19.36	19.49	19.35		
5	64QAM	1	24	19.17	19.40	19.35		
5	64QAM	12	0	18.48	18.47	18.40	20	3
5	64QAM	12	7	18.24	18.33	18.38		
5	64QAM	12	13	18.18	18.40	18.28		
5	64QAM	25	0	18.36	18.40	18.37		
5	256QAM	1	0	16.38	16.50	16.29	18	5
5	256QAM	1	12	16.30	16.47	16.35		
5	256QAM	1	24	16.15	16.37	16.22		
5	256QAM	12	0	16.40	16.44	16.32	18	5
5	256QAM	12	7	16.43	16.47	16.38		
5	256QAM	12	13	16.20	16.54	16.27		
5	256QAM	25	0	16.18	16.48	16.25		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.62	20.71	20.67	20.69	22	0
20	QPSK	1	49	20.58	20.68	20.64	20.62		
20	QPSK	1	99	20.50	20.65	20.59	20.57		
20	QPSK	50	0	19.58	19.72	19.71	19.66	21	1
20	QPSK	50	24	19.56	19.68	19.60	19.65		
20	QPSK	50	50	19.55	19.60	19.62	19.59		
20	QPSK	100	0	19.65	19.70	19.73	19.73		
20	16QAM	1	0	19.65	19.66	19.63	19.71	21	1
20	16QAM	1	49	19.58	19.65	19.61	19.63		
20	16QAM	1	99	19.47	19.68	19.57	19.62		
20	16QAM	50	0	18.63	18.68	18.73	18.60	20	2
20	16QAM	50	24	18.52	18.72	18.66	18.68		
20	16QAM	50	50	18.58	18.55	18.64	18.57		
20	16QAM	100	0	18.59	18.69	18.72	18.68		
20	64QAM	1	0	18.59	18.63	18.58	18.71	20	2
20	64QAM	1	49	18.55	18.62	18.57	18.68		
20	64QAM	1	99	18.42	18.71	18.55	18.66		
20	64QAM	50	0	17.58	17.78	17.67	17.64	19	3
20	64QAM	50	24	17.51	17.70	17.63	17.61		
20	64QAM	50	50	17.60	17.60	17.63	17.62		
20	64QAM	100	0	17.67	17.71	17.75	17.75		
20	256QAM	1	0	15.56	15.75	15.72	15.61	17	5
20	256QAM	1	49	15.53	15.63	15.66	15.61		
20	256QAM	1	99	15.59	15.60	15.62	15.55		
20	256QAM	50	0	15.63	15.76	15.72	15.68	17	5
20	256QAM	50	24	15.69	15.69	15.66	15.76		
20	256QAM	50	50	15.64	15.68	15.61	15.62		
20	256QAM	100	0	15.50	15.66	15.59	15.58		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.56	20.64	20.57	20.61	22	0
15	QPSK	1	37	20.53	20.65	20.52	20.51		
15	QPSK	1	74	20.43	20.59	20.55	20.48		
15	QPSK	36	0	19.46	19.67	19.57	19.58	21	1
15	QPSK	36	20	19.54	19.55	19.58	19.51		
15	QPSK	36	39	19.46	19.51	19.56	19.55		
15	QPSK	75	0	19.51	19.58	19.64	19.60		
15	16QAM	1	0	19.58	19.60	19.54	19.60	21	1
15	16QAM	1	37	19.45	19.63	19.48	19.55		
15	16QAM	1	74	19.44	19.60	19.48	19.49		
15	16QAM	36	0	18.56	18.66	18.70	18.55	20	2
15	16QAM	36	20	18.47	18.61	18.63	18.64		
15	16QAM	36	39	18.47	18.50	18.52	18.46		
15	16QAM	75	0	18.48	18.64	18.67	18.56		
15	64QAM	1	0	18.46	18.51	18.53	18.68	20	2
15	64QAM	1	37	18.43	18.60	18.43	18.61		
15	64QAM	1	74	18.30	18.60	18.48	18.55		
15	64QAM	36	0	17.56	17.70	17.58	17.57	19	3
15	64QAM	36	20	17.41	17.58	17.51	17.51		
15	64QAM	36	39	17.48	17.52	17.52	17.53		
15	64QAM	75	0	17.64	17.67	17.62	17.61		
15	256QAM	1	0	15.48	15.70	15.69	15.52	17	5
15	256QAM	1	37	15.39	15.59	15.60	15.52		
15	256QAM	1	74	15.57	15.55	15.50	15.47		
15	256QAM	36	0	15.59	15.70	15.60	15.64	17	5
15	256QAM	36	20	15.61	15.62	15.62	15.66		
15	256QAM	36	39	15.56	15.60	15.51	15.52		
15	256QAM	75	0	15.42	15.60	15.51	15.53		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.56	20.66	20.60	20.57	22	0
10	QPSK	1	25	20.46	20.54	20.61	20.55		
10	QPSK	1	49	20.47	20.53	20.52	20.53		
10	QPSK	25	0	19.46	19.67	19.66	19.56	21	1
10	QPSK	25	12	19.43	19.61	19.53	19.62		
10	QPSK	25	25	19.44	19.54	19.56	19.45		
10	QPSK	50	0	19.61	19.61	19.68	19.63		
10	16QAM	1	0	19.51	19.57	19.56	19.67	21	1
10	16QAM	1	25	19.45	19.59	19.56	19.50		
10	16QAM	1	49	19.40	19.62	19.47	19.56		
10	16QAM	25	0	18.53	18.62	18.64	18.51	20	2
10	16QAM	25	12	18.41	18.67	18.62	18.55		
10	16QAM	25	25	18.54	18.49	18.57	18.50		
10	16QAM	50	0	18.57	18.61	18.60	18.55		
10	64QAM	1	0	18.49	18.55	18.48	18.67	20	2
10	64QAM	1	25	18.50	18.52	18.45	18.57		
10	64QAM	1	49	18.32	18.58	18.51	18.63		
10	64QAM	25	0	17.45	17.65	17.54	17.59	19	3
10	64QAM	25	12	17.39	17.60	17.59	17.50		
10	64QAM	25	25	17.49	17.48	17.50	17.58		
10	64QAM	50	0	17.65	17.61	17.64	17.67		
10	256QAM	1	0	15.48	15.67	15.65	15.47	17	5
10	256QAM	1	25	15.47	15.52	15.54	15.49		
10	256QAM	1	49	15.47	15.51	15.53	15.41		
10	256QAM	25	0	15.53	15.70	15.64	15.64	17	5
10	256QAM	25	12	15.64	15.67	15.57	15.68		
10	256QAM	25	25	15.59	15.57	15.54	15.52		
10	256QAM	50	0	15.45	15.60	15.56	15.50		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.59	20.62	20.53	20.63	22	0
5	QPSK	1	12	20.51	20.54	20.54	20.53		
5	QPSK	1	24	20.40	20.61	20.51	20.52		
5	QPSK	12	0	19.56	19.68	19.63	19.53	21	1
5	QPSK	12	7	19.42	19.59	19.51	19.58		
5	QPSK	12	13	19.50	19.50	19.54	19.51		
5	QPSK	25	0	19.53	19.63	19.70			
5	16QAM	1	0	19.58	19.62	19.58	19.61	21	1
5	16QAM	1	12	19.51	19.56	19.53	19.55		
5	16QAM	1	24	19.41	19.63	19.52	19.49		
5	16QAM	12	0	18.50	18.54	18.61	18.56	20	2
5	16QAM	12	7	18.38	18.58	18.57	18.63		
5	16QAM	12	13	18.55	18.44	18.56	18.48		
5	16QAM	25	0	18.47	18.62	18.66	18.61		
5	64QAM	1	0	18.47	18.52	18.47	18.66	20	2
5	64QAM	1	12	18.45	18.53	18.53	18.60		
5	64QAM	1	24	18.38	18.62	18.45	18.53		
5	64QAM	12	0	17.50	17.70	17.54	17.60	19	3
5	64QAM	12	7	17.45	17.57	17.51	17.56		
5	64QAM	12	13	17.58	17.53	17.53	17.55		
5	64QAM	25	0	17.62	17.63	17.65	17.68		
5	256QAM	1	0	15.46	15.71	15.63	15.54	17	5
5	256QAM	1	12	15.42	15.54	15.54	15.53		
5	256QAM	1	24	15.46	15.50	15.53	15.47		
5	256QAM	12	0	15.51	15.69	15.64	15.60	17	5
5	256QAM	12	7	15.67	15.63	15.56	15.63		
5	256QAM	12	13	15.60	15.60	15.53	15.53		
5	256QAM	25	0	15.38	15.53	15.53	15.44		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	25.07	25.13	25.09	26	0
20	QPSK	1	49	24.95	25.10	25.05		
20	QPSK	1	99	24.98	25.06	24.95		
20	QPSK	50	0	24.03	24.16	24.08	25	1
20	QPSK	50	24	23.96	24.09	24.03		
20	QPSK	50	50	23.92	24.04	23.99		
20	QPSK	100	0	24.04	24.13	24.14		
20	16QAM	1	0	24.11	24.11	24.07	25	1
20	16QAM	1	49	23.89	24.09	24.07		
20	16QAM	1	99	24.01	24.09	23.94		
20	16QAM	50	0	23.08	23.19	23.04	24	2
20	16QAM	50	24	22.96	23.10	23.00		
20	16QAM	50	50	22.98	23.05	23.03		
20	16QAM	100	0	23.03	23.17	23.18		
20	64QAM	1	0	23.12	23.10	23.07	24	2
20	64QAM	1	49	22.88	23.11	23.08		
20	64QAM	1	99	23.02	23.10	22.97		
20	64QAM	50	0	22.04	22.19	22.06	23	3
20	64QAM	50	24	21.99	22.05	22.00		
20	64QAM	50	50	21.97	22.08	21.96		
20	64QAM	100	0	22.02	22.07	22.20		
20	256QAM	1	0	19.97	20.12	20.13	21	5
20	256QAM	1	49	19.97	20.07	20.02		
20	256QAM	1	99	19.93	19.99	19.99		
20	256QAM	50	0	20.09	20.08	20.19	21	5
20	256QAM	50	24	20.09	20.08	20.07		
20	256QAM	50	50	19.86	20.04	20.07		
20	256QAM	100	0	19.96	20.08	19.96		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.95	25.01	25.06	26	0
15	QPSK	1	37	24.82	25.00	24.98		
15	QPSK	1	74	24.84	24.98	24.83		
15	QPSK	36	0	24.00	24.10	24.02	25	1
15	QPSK	36	20	23.86	24.01	23.98		
15	QPSK	36	39	23.82	23.90	23.86		
15	QPSK	75	0	23.96	24.09	24.03		
15	16QAM	1	0	24.06	24.08	24.00	25	1
15	16QAM	1	37	23.80	24.00	23.94		
15	16QAM	1	74	23.95	24.03	23.90		
15	16QAM	36	0	23.00	23.12	22.96	24	2
15	16QAM	36	20	22.90	23.02	22.96		
15	16QAM	36	39	22.93	22.98	22.92		
15	16QAM	75	0	22.94	23.14	23.05		
15	64QAM	1	0	23.01	23.01	22.94	24	2
15	64QAM	1	37	22.83	23.01	23.03		
15	64QAM	1	74	22.88	23.07	22.91		
15	64QAM	36	0	21.98	22.14	22.02	23	3
15	64QAM	36	20	21.90	21.94	21.91		
15	64QAM	36	39	21.88	21.96	21.92		
15	64QAM	75	0	21.94	21.95	22.13		
15	256QAM	1	0	19.85	20.01	20.01	21	5
15	256QAM	1	37	19.95	19.95	19.93		
15	256QAM	1	74	19.88	19.92	19.91		
15	256QAM	36	0	20.07	20.05	20.17	21	5
15	256QAM	36	20	19.98	19.98	19.96		
15	256QAM	36	39	19.79	19.99	19.98		
15	256QAM	75	0	19.88	19.95	19.91		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	25.02	25.08	25.02	26	0
10	QPSK	1	25	24.83	25.07	25.00		
10	QPSK	1	49	24.89	25.00	24.91		
10	QPSK	25	0	23.90	24.04	23.99	25	1
10	QPSK	25	12	23.90	24.06	23.94		
10	QPSK	25	25	23.80	23.98	23.96		
10	QPSK	50	0	23.97	24.08	24.09		
10	16QAM	1	0	24.07	24.05	24.00	25	1
10	16QAM	1	25	23.83	23.99	23.99		
10	16QAM	1	49	23.90	24.01	23.91		
10	16QAM	25	0	22.96	23.06	22.98	24	2
10	16QAM	25	12	22.88	23.07	22.93		
10	16QAM	25	25	22.90	22.94	22.99		
10	16QAM	50	0	22.99	23.12	23.08		
10	64QAM	1	0	23.01	23.00	22.97	24	2
10	64QAM	1	25	22.81	23.02	22.99		
10	64QAM	1	49	22.90	22.96	22.91		
10	64QAM	25	0	21.91	22.17	21.98	23	3
10	64QAM	25	12	21.88	21.93	21.95		
10	64QAM	25	25	21.85	22.00	21.90		
10	64QAM	50	0	21.94	22.05	22.10		
10	256QAM	1	0	19.88	20.07	20.00	21	5
10	256QAM	1	25	19.85	20.02	19.89		
10	256QAM	1	49	19.86	19.92	19.88		
10	256QAM	25	0	19.96	20.00	20.16	21	5
10	256QAM	25	12	20.06	19.98	19.96		
10	256QAM	25	25	19.77	19.96	19.97		
10	256QAM	50	0	19.90	20.02	19.83		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.98	24.99	25.03	26	0
5	QPSK	1	12	24.84	25.02	24.95		
5	QPSK	1	24	24.85	24.96	24.90		
5	QPSK	12	0	23.93	24.08	23.94	25	1
5	QPSK	12	7	23.92	23.98	23.94		
5	QPSK	12	13	23.88	23.93	23.88		
5	QPSK	25	0	23.96	24.10	24.03		
5	16QAM	1	0	23.99	24.02	24.03	25	1
5	16QAM	1	12	23.77	24.03	23.96		
5	16QAM	1	24	23.95	24.05	23.81		
5	16QAM	12	0	23.01	23.09	22.93	24	2
5	16QAM	12	7	22.86	23.01	22.97		
5	16QAM	12	13	22.96	22.99	22.90		
5	16QAM	25	0	22.94	23.05	23.14		
5	64QAM	1	0	23.09	23.04	23.05	24	2
5	64QAM	1	12	22.83	23.08	23.04		
5	64QAM	1	24	22.92	22.97	22.83		
5	64QAM	12	0	21.96	22.10	22.01	23	3
5	64QAM	12	7	21.90	22.02	21.90		
5	64QAM	12	13	21.87	22.04	21.90		
5	64QAM	25	0	21.95	22.03	22.07		
5	256QAM	1	0	19.93	20.05	20.05	21	5
5	256QAM	1	12	19.88	20.03	19.95		
5	256QAM	1	24	19.79	19.97	19.90		
5	256QAM	12	0	20.05	20.04	20.14	21	5
5	256QAM	12	7	20.00	19.98	19.94		
5	256QAM	12	13	19.75	19.98	20.03		
5	256QAM	25	0	19.91	20.04	19.90		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.95	24.07	24.01	24.00	25	0
20	QPSK	1	49	23.90	24.04	23.93	23.87		
20	QPSK	1	99	23.86	24.00	23.90	23.97		
20	QPSK	50	0	22.95	23.07	22.97	23.06	24	1
20	QPSK	50	24	22.96	23.05	22.93	22.88		
20	QPSK	50	50	22.81	23.03	22.96	22.96		
20	QPSK	100	0	22.94	23.03	23.04	22.96		
20	16QAM	1	0	22.90	23.02	23.05	22.99	24	1
20	16QAM	1	49	22.89	23.01	22.99	22.90		
20	16QAM	1	99	22.88	23.02	22.89	22.92		
20	16QAM	50	0	21.94	22.05	21.96	22.10	23	2
20	16QAM	50	24	22.00	22.07	21.96	21.90		
20	16QAM	50	50	21.76	22.05	21.91	21.95		
20	16QAM	100	0	21.98	22.07	22.04	21.95		
20	64QAM	1	0	21.95	22.02	22.00	22.05	23	2
20	64QAM	1	49	21.84	22.05	22.04	21.89		
20	64QAM	1	99	21.86	22.03	21.84	21.86		
20	64QAM	50	0	20.99	21.07	20.95	21.08	22	3
20	64QAM	50	24	20.99	21.03	20.88	20.84		
20	64QAM	50	50	20.79	21.05	21.00	20.91		
20	64QAM	100	0	20.93	21.03	21.04	21.01		
20	256QAM	1	0	18.94	19.13	18.96	19.06	20	5
20	256QAM	1	49	18.96	19.00	18.88	18.92		
20	256QAM	1	99	18.85	19.05	18.97	18.98		
20	256QAM	50	0	18.92	19.04	19.01	18.96	20	5
20	256QAM	50	24	18.92	18.97	19.03	19.01		
20	256QAM	50	50	18.94	18.95	19.03	18.96		
20	256QAM	100	0	18.94	18.99	18.86	18.89		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.91	24.02	23.89	23.95	25	0
15	QPSK	1	37	23.86	23.99	23.88	23.80		
15	QPSK	1	74	23.73	23.86	23.85	23.87		
15	QPSK	36	0	22.85	22.93	22.91	22.92	24	1
15	QPSK	36	20	22.88	22.96	22.87	22.79		
15	QPSK	36	39	22.73	22.97	22.84	22.88		
15	QPSK	75	0	22.92	22.94	23.02	22.88		
15	16QAM	1	0	22.79	23.00	22.93	22.93	24	1
15	16QAM	1	37	22.77	22.90	22.91	22.83		
15	16QAM	1	74	22.84	22.99	22.75	22.83		
15	16QAM	36	0	21.83	21.99	21.82	22.08	23	2
15	16QAM	36	20	21.92	22.03	21.86	21.86		
15	16QAM	36	39	21.74	21.94	21.78	21.84		
15	16QAM	75	0	21.96	21.95	21.92	21.93		
15	64QAM	1	0	21.90	21.95	21.88	21.95	23	2
15	64QAM	1	37	21.72	21.95	21.94	21.84		
15	64QAM	1	74	21.81	22.01	21.81	21.79		
15	64QAM	36	0	20.89	21.04	20.86	21.03	22	3
15	64QAM	36	20	20.96	20.89	20.80	20.82		
15	64QAM	36	39	20.72	20.99	20.95	20.88		
15	64QAM	75	0	20.87	20.98	20.94	20.91		
15	256QAM	1	0	18.89	19.10	18.85	18.99	20	5
15	256QAM	1	37	18.84	18.96	18.76	18.84		
15	256QAM	1	74	18.77	18.98	18.85	18.87		
15	256QAM	36	0	18.86	18.95	18.90	18.93	20	5
15	256QAM	36	20	18.80	18.83	18.96	18.88		
15	256QAM	36	39	18.88	18.81	18.99	18.86		
15	256QAM	75	0	18.83	18.96	18.75	18.79		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.88	23.94	23.90	23.94	25	0
10	QPSK	1	25	23.82	23.93	23.86	23.77		
10	QPSK	1	49	23.73	23.91	23.77	23.84		
10	QPSK	25	0	22.83	23.01	22.94	23.00	24	1
10	QPSK	25	12	22.83	23.01	22.83	22.76		
10	QPSK	25	25	22.77	23.00	22.89	22.88		
10	QPSK	50	0	22.84	22.93	22.99	22.85		
10	16QAM	1	0	22.87	22.90	22.98	22.87	24	1
10	16QAM	1	25	22.85	22.98	22.97	22.84		
10	16QAM	1	49	22.85	22.94	22.79	22.80		
10	16QAM	25	0	21.85	21.97	21.86	21.98	23	2
10	16QAM	25	12	21.86	21.93	21.91	21.82		
10	16QAM	25	25	21.66	21.99	21.83	21.86		
10	16QAM	50	0	21.85	22.00	21.92	21.86		
10	64QAM	1	0	21.92	21.92	21.90	22.03	23	2
10	64QAM	1	25	21.75	21.97	21.93	21.83		
10	64QAM	1	49	21.81	21.96	21.76	21.78		
10	64QAM	25	0	20.86	20.96	20.92	21.04	22	3
10	64QAM	25	12	20.92	20.90	20.78	20.79		
10	64QAM	25	25	20.65	21.00	20.89	20.86		
10	64QAM	50	0	20.89	20.93	20.95	20.95		
10	256QAM	1	0	18.81	19.00	18.87	19.01	20	5
10	256QAM	1	25	18.91	18.86	18.74	18.82		
10	256QAM	1	49	18.81	19.00	18.92	18.85		
10	256QAM	25	0	18.81	18.91	18.97	18.94	20	5
10	256QAM	25	12	18.80	18.89	19.00	18.91		
10	256QAM	25	25	18.80	18.91	18.96	18.82		
10	256QAM	50	0	18.81	18.93	18.74	18.83		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.87	24.01	23.94	23.92	25	0
5	QPSK	1	12	23.86	23.97	23.89	23.83		
5	QPSK	1	24	23.77	23.92	23.85	23.92		
5	QPSK	12	0	22.86	22.93	22.91	22.96	24	1
5	QPSK	12	7	22.94	23.00	22.79	22.81		
5	QPSK	12	13	22.73	22.98	22.91	22.88		
5	QPSK	25	0	22.89	22.97	23.02	22.92		
5	16QAM	1	0	22.79	22.96	23.01	22.88	24	1
5	16QAM	1	12	22.82	22.90	22.90	22.83		
5	16QAM	1	24	22.78	22.95	22.85	22.87		
5	16QAM	12	0	21.82	22.02	21.88	21.96	23	2
5	16QAM	12	7	21.87	21.97	21.84	21.77		
5	16QAM	12	13	21.64	21.93	21.80	21.85		
5	16QAM	25	0	21.86	22.04	22.00	21.86		
5	64QAM	1	0	21.89	21.88	21.90	21.96	23	2
5	64QAM	1	12	21.71	21.94	21.94	21.77		
5	64QAM	1	24	21.77	21.96	21.78	21.82		
5	64QAM	12	0	20.94	21.00	20.83	20.95	22	3
5	64QAM	12	7	20.93	20.92	20.80	20.73		
5	64QAM	12	13	20.74	20.95	20.89	20.78		
5	64QAM	25	0	20.79	20.92	21.00	20.94		
5	256QAM	1	0	18.89	19.09	18.90	19.00	20	5
5	256QAM	1	12	18.93	18.91	18.75	18.80		
5	256QAM	1	24	18.81	19.03	18.83	18.94		
5	256QAM	12	0	18.86	19.01	18.96	18.82	20	5
5	256QAM	12	7	18.88	18.89	18.95	18.96		
5	256QAM	12	13	18.83	18.92	19.00	18.88		
5	256QAM	25	0	18.85	18.93	18.78	18.82		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.04	24.10	24.08	25.5	0
20	QPSK	1	49	23.91	24.05	24.03		
20	QPSK	1	99	24.00	24.03	24.06		
20	QPSK	50	0	23.04	23.15	23.11	24.5	1
20	QPSK	50	24	22.86	23.10	22.98		
20	QPSK	50	50	23.03	23.02	23.07		
20	QPSK	100	0	23.10	23.10	23.10		
20	16QAM	1	0	23.03	23.08	23.10	24.5	1
20	16QAM	1	49	22.93	23.06	22.99		
20	16QAM	1	99	23.00	22.99	23.10		
20	16QAM	50	0	22.03	22.17	22.15	23.5	2
20	16QAM	50	24	21.83	22.10	22.03		
20	16QAM	50	50	21.98	22.04	22.01		
20	16QAM	100	0	22.06	22.07	22.07		
20	64QAM	1	0	22.04	22.07	22.09	23.5	2
20	64QAM	1	49	21.98	22.10	22.04		
20	64QAM	1	99	22.00	21.98	22.06		
20	64QAM	50	0	21.01	21.20	21.11	22.5	3
20	64QAM	50	24	20.89	21.15	20.96		
20	64QAM	50	50	21.02	21.01	21.02		
20	64QAM	100	0	21.15	21.13	21.05		
20	256QAM	1	0	19.06	19.18	19.10	20.5	5
20	256QAM	1	49	18.84	19.10	18.99		
20	256QAM	1	99	18.98	19.05	19.06		
20	256QAM	50	0	19.09	19.10	19.15	20.5	5
20	256QAM	50	24	18.97	19.14	19.09		
20	256QAM	50	50	18.88	19.10	19.02		
20	256QAM	100	0	19.01	19.02	19.14		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.00	23.98	23.99	25.5	0
15	QPSK	1	37	23.77	23.92	23.93		
15	QPSK	1	74	23.93	23.99	24.00		
15	QPSK	36	0	23.02	23.06	23.00	24.5	1
15	QPSK	36	20	22.74	23.04	22.93		
15	QPSK	36	39	22.92	22.94	23.02		
15	QPSK	75	0	23.03	23.05	23.07		
15	16QAM	1	0	22.96	22.95	23.06	24.5	1
15	16QAM	1	37	22.81	22.96	22.95		
15	16QAM	1	74	22.87	22.90	23.02		
15	16QAM	36	0	21.98	22.05	22.06	23.5	2
15	16QAM	36	20	21.70	22.02	21.96		
15	16QAM	36	39	21.95	21.95	21.99		
15	16QAM	75	0	22.00	22.00	21.96		
15	64QAM	1	0	21.97	22.02	21.98	23.5	2
15	64QAM	1	37	21.90	21.97	22.00		
15	64QAM	1	74	21.97	21.85	22.01		
15	64QAM	36	0	20.89	21.15	21.04	22.5	3
15	64QAM	36	20	20.85	21.06	20.87		
15	64QAM	36	39	20.95	20.92	20.91		
15	64QAM	75	0	21.08	21.04	21.01		
15	256QAM	1	0	19.01	19.12	18.99	20.5	5
15	256QAM	1	37	18.72	19.01	18.92		
15	256QAM	1	74	18.95	18.94	18.96		
15	256QAM	36	0	18.95	19.05	19.11	20.5	5
15	256QAM	36	20	18.95	19.00	19.00		
15	256QAM	36	39	18.84	19.02	18.97		
15	256QAM	75	0	18.93	18.97	19.05		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.96	23.98	24.02	25.5	0
10	QPSK	1	25	23.83	24.01	23.98		
10	QPSK	1	49	23.87	23.99	23.94		
10	QPSK	25	0	23.00	23.08	22.98	24.5	1
10	QPSK	25	12	22.82	22.97	22.94		
10	QPSK	25	25	22.92	22.99	22.98		
10	QPSK	50	0	23.06	23.03	23.07		
10	16QAM	1	0	22.94	23.04	23.04	24.5	1
10	16QAM	1	25	22.83	23.03	22.92		
10	16QAM	1	49	22.87	22.96	22.98		
10	16QAM	25	0	21.99	22.12	22.10	23.5	2
10	16QAM	25	12	21.78	22.02	21.93		
10	16QAM	25	25	21.88	21.98	21.90		
10	16QAM	50	0	22.00	21.93	21.94		
10	64QAM	1	0	21.94	21.99	22.01	23.5	2
10	64QAM	1	25	21.87	21.98	21.91		
10	64QAM	1	49	21.88	21.84	21.98		
10	64QAM	25	0	20.93	21.06	20.98	22.5	3
10	64QAM	25	12	20.83	21.03	20.89		
10	64QAM	25	25	20.99	20.96	20.94		
10	64QAM	50	0	21.13	21.03	20.97		
10	256QAM	1	0	19.01	19.05	19.01	20.5	5
10	256QAM	1	25	18.72	18.98	18.93		
10	256QAM	1	49	18.94	19.00	18.99		
10	256QAM	25	0	18.95	19.05	19.12	20.5	5
10	256QAM	25	12	18.86	19.00	18.97		
10	256QAM	25	25	18.84	18.99	18.94		
10	256QAM	50	0	18.97	19.00	19.11		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.01	24.04	23.97	25.5	0
5	QPSK	1	12	23.88	23.97	23.91		
5	QPSK	1	24	23.94	23.95	24.02		
5	QPSK	12	0	22.95	23.02	22.98	24.5	1
5	QPSK	12	7	22.84	22.98	22.84		
5	QPSK	12	13	22.91	22.98	22.93		
5	QPSK	25	0	23.00	23.03	23.03		
5	16QAM	1	0	22.98	22.97	22.98	24.5	1
5	16QAM	1	12	22.85	22.95	22.89		
5	16QAM	1	24	22.90	22.91	23.03		
5	16QAM	12	0	22.00	22.09	22.08	23.5	2
5	16QAM	12	7	21.75	22.07	21.94		
5	16QAM	12	13	21.87	22.01	21.95		
5	16QAM	25	0	21.93	21.95	21.96		
5	64QAM	1	0	21.91	21.95	22.06	23.5	2
5	64QAM	1	12	21.89	22.08	21.91		
5	64QAM	1	24	21.93	21.91	21.96		
5	64QAM	12	0	20.91	21.14	21.02	22.5	3
5	64QAM	12	7	20.81	21.12	20.86		
5	64QAM	12	13	20.98	20.93	20.94		
5	64QAM	25	0	21.07	21.00	21.00		
5	256QAM	1	0	19.04	19.09	18.99	20.5	5
5	256QAM	1	12	18.79	18.99	18.87		
5	256QAM	1	24	18.87	18.92	18.93		
5	256QAM	12	0	19.03	19.06	19.13	20.5	5
5	256QAM	12	7	18.89	19.02	19.04		
5	256QAM	12	13	18.86	19.05	18.99		
5	256QAM	25	0	18.92	18.95	19.08		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.32	23.40	23.35	23.29	25	0
20	QPSK	1	49	23.28	23.36	23.30	23.25		
20	QPSK	1	99	23.30	23.35	23.30	23.21		
20	QPSK	50	0	22.26	22.43	22.38	22.31	24	1
20	QPSK	50	24	22.31	22.38	22.32	22.28		
20	QPSK	50	50	22.30	22.39	22.25	22.26		
20	QPSK	100	0	22.38	22.37	22.33	22.24		
20	16QAM	1	0	22.29	22.36	22.32	22.27	24	1
20	16QAM	1	49	22.31	22.31	22.34	22.25		
20	16QAM	1	99	22.27	22.33	22.32	22.16		
20	16QAM	50	0	21.21	21.41	21.37	21.27	23	2
20	16QAM	50	24	21.34	21.41	21.28	21.26		
20	16QAM	50	50	21.31	21.38	21.24	21.23		
20	16QAM	100	0	21.35	21.36	21.30	21.21		
20	64QAM	1	0	21.24	21.41	21.29	21.31	23	2
20	64QAM	1	49	21.28	21.25	21.33	21.27		
20	64QAM	1	99	21.28	21.36	21.35	21.21		
20	64QAM	50	0	20.29	20.41	20.32	20.28	22	3
20	64QAM	50	24	20.29	20.32	20.31	20.27		
20	64QAM	50	50	20.35	20.39	20.27	20.28		
20	64QAM	100	0	20.41	20.31	20.38	20.20		
20	256QAM	1	0	18.30	18.44	18.33	18.30	20	5
20	256QAM	1	49	18.30	18.37	18.30	18.30		
20	256QAM	1	99	18.27	18.40	18.26	18.22		
20	256QAM	50	0	18.43	18.42	18.31	18.19	20	5
20	256QAM	50	24	18.35	18.40	18.34	18.28		
20	256QAM	50	50	18.26	18.26	18.34	18.27		
20	256QAM	100	0	18.26	18.37	18.32	18.21		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.23	23.37	23.28	23.16	25	0
15	QPSK	1	37	23.24	23.27	23.28	23.22		
15	QPSK	1	74	23.27	23.30	23.25	23.11		
15	QPSK	36	0	22.15	22.38	22.34	22.25	24	1
15	QPSK	36	20	22.21	22.25	22.21	22.20		
15	QPSK	36	39	22.25	22.29	22.12	22.22		
15	QPSK	75	0	22.29	22.23	22.28	22.12		
15	16QAM	1	0	22.17	22.26	22.22	22.22	24	1
15	16QAM	1	37	22.24	22.21	22.26	22.17		
15	16QAM	1	74	22.19	22.28	22.22	22.06		
15	16QAM	36	0	21.13	21.28	21.23	21.25	23	2
15	16QAM	36	20	21.27	21.28	21.20	21.15		
15	16QAM	36	39	21.19	21.28	21.11	21.12		
15	16QAM	75	0	21.22	21.27	21.18	21.11		
15	64QAM	1	0	21.21	21.37	21.24	21.17	23	2
15	64QAM	1	37	21.15	21.15	21.19	21.24		
15	64QAM	1	74	21.18	21.33	21.23	21.17		
15	64QAM	36	0	20.23	20.28	20.19	20.17	22	3
15	64QAM	36	20	20.23	20.20	20.23	20.16		
15	64QAM	36	39	20.26	20.35	20.24	20.16		
15	64QAM	75	0	20.37	20.26	20.33	20.09		
15	256QAM	1	0	18.24	18.32	18.23	18.24	20	5
15	256QAM	1	37	18.23	18.33	18.27	18.23		
15	256QAM	1	74	18.24	18.30	18.19	18.09		
15	256QAM	36	0	18.38	18.34	18.29	18.05	20	5
15	256QAM	36	20	18.32	18.32	18.21	18.25		
15	256QAM	36	39	18.15	18.12	18.29	18.17		
15	256QAM	75	0	18.20	18.28	18.24	18.14		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.26	23.29	23.22	23.23	25	0
10	QPSK	1	25	23.22	23.28	23.23	23.19		
10	QPSK	1	49	23.24	23.33	23.17	23.08		
10	QPSK	25	0	22.16	22.37	22.34	22.26	24	1
10	QPSK	25	12	22.27	22.24	22.26	22.20		
10	QPSK	25	25	22.24	22.36	22.17	22.18		
10	QPSK	50	0	22.34	22.29	22.21	22.11		
10	16QAM	1	0	22.18	22.25	22.25	22.23	24	1
10	16QAM	1	25	22.18	22.18	22.31	22.12		
10	16QAM	1	49	22.13	22.26	22.28	22.09		
10	16QAM	25	0	21.15	21.28	21.26	21.21	23	2
10	16QAM	25	12	21.25	21.36	21.25	21.18		
10	16QAM	25	25	21.26	21.32	21.14	21.14		
10	16QAM	50	0	21.30	21.27	21.20	21.18		
10	64QAM	1	0	21.13	21.33	21.26	21.22	23	2
10	64QAM	1	25	21.25	21.16	21.19	21.16		
10	64QAM	1	49	21.22	21.27	21.32	21.15		
10	64QAM	25	0	20.20	20.34	20.20	20.15	22	3
10	64QAM	25	12	20.26	20.22	20.19	20.19		
10	64QAM	25	25	20.26	20.28	20.15	20.21		
10	64QAM	50	0	20.28	20.27	20.26	20.13		
10	256QAM	1	0	18.21	18.31	18.25	18.26	20	5
10	256QAM	1	25	18.26	18.27	18.17	18.24		
10	256QAM	1	49	18.13	18.27	18.16	18.12		
10	256QAM	25	0	18.37	18.39	18.24	18.06	20	5
10	256QAM	25	12	18.32	18.27	18.20	18.16		
10	256QAM	25	25	18.21	18.16	18.31	18.15		
10	256QAM	50	0	18.17	18.25	18.26	18.17		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.23	23.36	23.23	23.22	25	0
5	QPSK	1	12	23.16	23.34	23.27	23.12		
5	QPSK	1	24	23.20	23.25	23.25	23.10		
5	QPSK	12	0	22.23	22.35	22.32	22.22	24	1
5	QPSK	12	7	22.22	22.36	22.22	22.15		
5	QPSK	12	13	22.18	22.33	22.14	22.12		
5	QPSK	25	0	22.29	22.31	22.24	22.20		
5	16QAM	1	0	22.19	22.30	22.19	22.16	24	1
5	16QAM	1	12	22.17	22.21	22.23	22.21		
5	16QAM	1	24	22.17	22.26	22.26	22.07		
5	16QAM	12	0	21.16	21.35	21.27	21.14	23	2
5	16QAM	12	7	21.29	21.30	21.18	21.23		
5	16QAM	12	13	21.18	21.28	21.16	21.11		
5	16QAM	25	0	21.26	21.26	21.27	21.14		
5	64QAM	1	0	21.22	21.33	21.24	21.19	23	2
5	64QAM	1	12	21.15	21.16	21.21	21.23		
5	64QAM	1	24	21.14	21.25	21.26	21.09		
5	64QAM	12	0	20.20	20.29	20.19	20.15	22	3
5	64QAM	12	7	20.25	20.28	20.19	20.16		
5	64QAM	12	13	20.27	20.35	20.21	20.18		
5	64QAM	25	0	20.27	20.23	20.26	20.10		
5	256QAM	1	0	18.18	18.31	18.26	18.16	20	5
5	256QAM	1	12	18.25	18.25	18.24	18.21		
5	256QAM	1	24	18.22	18.31	18.22	18.19		
5	256QAM	12	0	18.39	18.34	18.23	18.09	20	5
5	256QAM	12	7	18.31	18.29	18.23	18.23		
5	256QAM	12	13	18.15	18.13	18.21	18.16		
5	256QAM	25	0	18.20	18.32	18.28	18.14		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.52	23.55	23.48	25	0
20	QPSK	1	49	23.48	23.51	23.42		
20	QPSK	1	99	23.39	23.48	23.40		
20	QPSK	50	0	22.50	22.60	22.44	24	1
20	QPSK	50	24	22.44	22.50	22.39		
20	QPSK	50	50	22.34	22.47	22.41		
20	QPSK	100	0	22.50	22.57	22.50		
20	16QAM	1	0	22.53	22.55	22.54	24	1
20	16QAM	1	49	22.54	22.54	22.39		
20	16QAM	1	99	22.39	22.46	22.35		
20	16QAM	50	0	21.45	21.56	21.47	23	2
20	16QAM	50	24	21.44	21.54	21.44		
20	16QAM	50	50	21.28	21.44	21.36		
20	16QAM	100	0	21.49	21.58	21.46		
20	64QAM	1	0	21.56	21.60	21.49	23	2
20	64QAM	1	49	21.55	21.57	21.45		
20	64QAM	1	99	21.39	21.48	21.39		
20	64QAM	50	0	20.47	20.60	20.50	22	3
20	64QAM	50	24	20.46	20.50	20.39		
20	64QAM	50	50	20.39	20.42	20.38		
20	64QAM	100	0	20.50	20.58	20.54		
20	256QAM	1	0	18.44	18.55	18.44	20	5
20	256QAM	1	49	18.44	18.52	18.35		
20	256QAM	1	99	18.39	18.49	18.47		
20	256QAM	50	0	18.55	18.54	18.51	20	5
20	256QAM	50	24	18.48	18.50	18.49		
20	256QAM	50	50	18.51	18.48	18.34		
20	256QAM	100	0	18.37	18.50	18.34		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.47	23.46	23.45	25	0
15	QPSK	1	37	23.35	23.46	23.32		
15	QPSK	1	74	23.30	23.35	23.34		
15	QPSK	36	0	22.48	22.50	22.34	24	1
15	QPSK	36	20	22.36	22.47	22.27		
15	QPSK	36	39	22.23	22.43	22.38		
15	QPSK	75	0	22.41	22.51	22.41		
15	16QAM	1	0	22.42	22.50	22.45	24	1
15	16QAM	1	37	22.42	22.48	22.29		
15	16QAM	1	74	22.25	22.37	22.26		
15	16QAM	36	0	21.40	21.49	21.41	23	2
15	16QAM	36	20	21.36	21.41	21.31		
15	16QAM	36	39	21.18	21.32	21.32		
15	16QAM	75	0	21.37	21.46	21.33		
15	64QAM	1	0	21.43	21.46	21.46	23	2
15	64QAM	1	37	21.53	21.52	21.42		
15	64QAM	1	74	21.28	21.39	21.34		
15	64QAM	36	0	20.35	20.54	20.42	22	3
15	64QAM	36	20	20.39	20.42	20.37		
15	64QAM	36	39	20.34	20.34	20.33		
15	64QAM	75	0	20.40	20.56	20.48		
15	256QAM	1	0	18.32	18.49	18.41	20	5
15	256QAM	1	37	18.39	18.42	18.30		
15	256QAM	1	74	18.36	18.37	18.40		
15	256QAM	36	0	18.46	18.49	18.41	20	5
15	256QAM	36	20	18.41	18.43	18.37		
15	256QAM	36	39	18.37	18.45	18.30		
15	256QAM	75	0	18.33	18.38	18.23		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.39	23.45	23.42	25	0
10	QPSK	1	25	23.44	23.38	23.38		
10	QPSK	1	49	23.33	23.40	23.30		
10	QPSK	25	0	22.41	22.54	22.33	24	1
10	QPSK	25	12	22.39	22.46	22.30		
10	QPSK	25	25	22.28	22.35	22.30		
10	QPSK	50	0	22.37	22.48	22.43		
10	16QAM	1	0	22.48	22.46	22.50	24	1
10	16QAM	1	25	22.44	22.50	22.35		
10	16QAM	1	49	22.31	22.38	22.21		
10	16QAM	25	0	21.42	21.54	21.43	23	2
10	16QAM	25	12	21.42	21.47	21.38		
10	16QAM	25	25	21.26	21.32	21.29		
10	16QAM	50	0	21.46	21.49	21.32		
10	64QAM	1	0	21.47	21.48	21.37	23	2
10	64QAM	1	25	21.46	21.50	21.33		
10	64QAM	1	49	21.30	21.40	21.27		
10	64QAM	25	0	20.33	20.48	20.36	22	3
10	64QAM	25	12	20.42	20.46	20.33		
10	64QAM	25	25	20.26	20.32	20.35		
10	64QAM	50	0	20.39	20.48	20.46		
10	256QAM	1	0	18.41	18.41	18.32	20	5
10	256QAM	1	25	18.41	18.40	18.24		
10	256QAM	1	49	18.34	18.45	18.33		
10	256QAM	25	0	18.42	18.47	18.42	20	5
10	256QAM	25	12	18.41	18.45	18.47		
10	256QAM	25	25	18.45	18.35	18.28		
10	256QAM	50	0	18.31	18.37	18.23		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.42	23.53	23.35	25	0
5	QPSK	1	12	23.36	23.48	23.39		
5	QPSK	1	24	23.27	23.34	23.32		
5	QPSK	12	0	22.44	22.49	22.38	24	1
5	QPSK	12	7	22.33	22.37	22.27		
5	QPSK	12	13	22.30	22.43	22.38		
5	QPSK	25	0	22.48	22.54	22.37		
5	16QAM	1	0	22.50	22.49	22.50	24	1
5	16QAM	1	12	22.49	22.40	22.28		
5	16QAM	1	24	22.31	22.43	22.32		
5	16QAM	12	0	21.39	21.49	21.43	23	2
5	16QAM	12	7	21.41	21.44	21.40		
5	16QAM	12	13	21.19	21.35	21.25		
5	16QAM	25	0	21.40	21.55	21.35		
5	64QAM	1	0	21.52	21.52	21.37	23	2
5	64QAM	1	12	21.42	21.50	21.42		
5	64QAM	1	24	21.26	21.44	21.34		
5	64QAM	12	0	20.45	20.50	20.37	22	3
5	64QAM	12	7	20.36	20.43	20.27		
5	64QAM	12	13	20.31	20.38	20.30		
5	64QAM	25	0	20.42	20.56	20.47		
5	256QAM	1	0	18.38	18.52	18.30	20	5
5	256QAM	1	12	18.30	18.46	18.24		
5	256QAM	1	24	18.32	18.43	18.39		
5	256QAM	12	0	18.50	18.42	18.38	20	5
5	256QAM	12	7	18.44	18.37	18.43		
5	256QAM	12	13	18.41	18.35	18.32		
5	256QAM	25	0	18.24	18.40	18.30		

Band 48 Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.49	22.65	22.55	22.60	24	0
20	QPSK	1	49	22.41	22.59	22.44	22.49		
20	QPSK	1	99	22.44	22.58	22.51	22.47		
20	QPSK	50	0	21.46	21.70	21.54	21.59	23	1
20	QPSK	50	24	21.36	21.57	21.49	21.50		
20	QPSK	50	50	21.40	21.55	21.48	21.46		
20	QPSK	100	0	21.47	21.66	21.61	21.64		
20	16QAM	1	0	21.47	21.62	21.50	21.54	23	1
20	16QAM	1	49	21.39	21.54	21.49	21.47		
20	16QAM	1	99	21.44	21.61	21.56	21.52		
20	16QAM	50	0	20.44	20.74	20.52	20.56	22	2
20	16QAM	50	24	20.36	20.62	20.44	20.46		
20	16QAM	50	50	20.43	20.59	20.53	20.48		
20	16QAM	100	0	20.51	20.71	20.62	20.63		
20	64QAM	1	0	20.48	20.65	20.49	20.51	22	2
20	64QAM	1	49	20.39	20.53	20.44	20.44		
20	64QAM	1	99	20.42	20.65	20.56	20.47		
20	64QAM	50	0	19.42	19.65	19.56	19.63	21	3
20	64QAM	50	24	19.41	19.57	19.51	19.50		
20	64QAM	50	50	19.40	19.54	19.51	19.49		
20	64QAM	100	0	19.51	19.68	19.56	19.60		
20	256QAM	1	0	17.44	17.71	17.51	17.57	19	5
20	256QAM	1	49	17.40	17.56	17.51	17.55		
20	256QAM	1	99	17.37	17.54	17.49	17.42		
20	256QAM	50	0	17.41	17.61	17.61	17.69	19	5
20	256QAM	50	24	17.45	17.66	17.53	17.57		
20	256QAM	50	50	17.37	17.50	17.46	17.43		
20	256QAM	100	0	17.40	17.60	17.56	17.56		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.42	22.54	22.48	22.49	24	0
15	QPSK	1	37	22.34	22.48	22.40	22.40		
15	QPSK	1	74	22.31	22.54	22.38	22.42		
15	QPSK	36	0	21.32	21.68	21.41	21.50	23	1
15	QPSK	36	20	21.24	21.54	21.41	21.45		
15	QPSK	36	39	21.30	21.50	21.43	21.33		
15	QPSK	75	0	21.40	21.60	21.56	21.62		
15	16QAM	1	0	21.34	21.58	21.45	21.43	23	1
15	16QAM	1	37	21.30	21.43	21.39	21.40		
15	16QAM	1	74	21.30	21.52	21.52	21.46		
15	16QAM	36	0	20.36	20.71	20.45	20.45	22	2
15	16QAM	36	20	20.23	20.58	20.40	20.42		
15	16QAM	36	39	20.39	20.57	20.49	20.42		
15	16QAM	75	0	20.40	20.68	20.56	20.58		
15	64QAM	1	0	20.38	20.55	20.43	20.44	22	2
15	64QAM	1	37	20.33	20.50	20.37	20.40		
15	64QAM	1	74	20.40	20.61	20.48	20.45		
15	64QAM	36	0	19.32	19.62	19.43	19.56	21	3
15	64QAM	36	20	19.35	19.55	19.49	19.42		
15	64QAM	36	39	19.36	19.46	19.37	19.36		
15	64QAM	75	0	19.46	19.54	19.52	19.54		
15	256QAM	1	0	17.38	17.65	17.45	17.51	19	5
15	256QAM	1	37	17.31	17.50	17.45	17.47		
15	256QAM	1	74	17.27	17.46	17.38	17.31		
15	256QAM	36	0	17.34	17.49	17.55	17.60	19	5
15	256QAM	36	20	17.38	17.60	17.46	17.45		
15	256QAM	36	39	17.27	17.40	17.38	17.29		
15	256QAM	75	0	17.34	17.51	17.51	17.46		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.42	22.56	22.45	22.51	24	0
10	QPSK	1	25	22.33	22.47	22.34	22.45		
10	QPSK	1	49	22.39	22.46	22.44	22.35		
10	QPSK	25	0	21.36	21.68	21.47	21.52	23	1
10	QPSK	25	12	21.29	21.45	21.42	21.45		
10	QPSK	25	25	21.30	21.42	21.36	21.32		
10	QPSK	50	0	21.41	21.52	21.52	21.59		
10	16QAM	1	0	21.42	21.54	21.38	21.49	23	1
10	16QAM	1	25	21.36	21.48	21.41	21.43		
10	16QAM	1	49	21.31	21.54	21.43	21.49		
10	16QAM	25	0	20.39	20.64	20.46	20.52	22	2
10	16QAM	25	12	20.23	20.57	20.35	20.36		
10	16QAM	25	25	20.37	20.47	20.50	20.36		
10	16QAM	50	0	20.49	20.58	20.54	20.54		
10	64QAM	1	0	20.36	20.54	20.41	20.42	22	2
10	64QAM	1	25	20.29	20.45	20.40	20.42		
10	64QAM	1	49	20.37	20.63	20.49	20.44		
10	64QAM	25	0	19.36	19.56	19.49	19.49	21	3
10	64QAM	25	12	19.35	19.43	19.42	19.37		
10	64QAM	25	25	19.34	19.45	19.41	19.42		
10	64QAM	50	0	19.43	19.61	19.48	19.53		
10	256QAM	1	0	17.31	17.67	17.48	17.46	19	5
10	256QAM	1	25	17.31	17.50	17.38	17.43		
10	256QAM	1	49	17.24	17.41	17.39	17.29		
10	256QAM	25	0	17.37	17.54	17.58	17.59	19	5
10	256QAM	25	12	17.40	17.61	17.49	17.45		
10	256QAM	25	25	17.31	17.40	17.38	17.39		
10	256QAM	50	0	17.28	17.51	17.44	17.44		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.39	22.52	22.50	22.56	24	0
5	QPSK	1	12	22.34	22.56	22.37	22.38		
5	QPSK	1	24	22.32	22.45	22.38	22.37		
5	QPSK	12	0	21.35	21.66	21.44	21.55	23	1
5	QPSK	12	7	21.23	21.50	21.37	21.39		
5	QPSK	12	13	21.34	21.44	21.37	21.34		
5	QPSK	25	0	21.37	21.55	21.50	21.52		
5	16QAM	1	0	21.34	21.58	21.42	21.41	23	1
5	16QAM	1	12	21.26	21.47	21.40	21.33		
5	16QAM	1	24	21.38	21.48	21.51	21.41		
5	16QAM	12	0	20.35	20.63	20.39	20.50	22	2
5	16QAM	12	7	20.29	20.48	20.41	20.40		
5	16QAM	12	13	20.32	20.53	20.42	20.38		
5	16QAM	25	0	20.49	20.66	20.51	20.49		
5	64QAM	1	0	20.42	20.62	20.39	20.40	22	2
5	64QAM	1	12	20.37	20.43	20.41	20.39		
5	64QAM	1	24	20.36	20.55	20.52	20.36		
5	64QAM	12	0	19.28	19.61	19.48	19.57	21	3
5	64QAM	12	7	19.35	19.48	19.41	19.46		
5	64QAM	12	13	19.27	19.40	19.44	19.46		
5	64QAM	25	0	19.38	19.56	19.54	19.51		
5	256QAM	1	0	17.38	17.65	17.41	17.52	19	5
5	256QAM	1	12	17.36	17.45	17.38	17.45		
5	256QAM	1	24	17.28	17.47	17.38	17.40		
5	256QAM	12	0	17.30	17.47	17.52	17.63	19	5
5	256QAM	12	7	17.39	17.54	17.46	17.47		
5	256QAM	12	13	17.31	17.45	17.35	17.32		
5	256QAM	25	0	17.34	17.53	17.42	17.49		

Reduced Power Mode for DSI1_Main PA

GSM850 Ant 0 DSI1	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	32.81	32.85	32.77	34.00	23.81	23.85	23.77	25.00
GPRS 1 Tx slot	32.68	32.76	32.73	34.00	23.68	23.76	23.73	25.00
GPRS 2 Tx slots	29.59	29.61	29.57	31.00	23.59	23.61	23.57	25.00
GPRS 3 Tx slots	27.61	27.66	27.57	29.20	23.35	23.40	23.31	24.94
GPRS 4 Tx slots	26.08	26.17	26.14	28.00	23.08	23.17	23.14	25.00
EDGE 1 Tx slot	25.89	25.93	25.79	27.00	16.89	16.93	16.79	18.00
EDGE 2 Tx slots	23.31	23.40	23.31	24.00	17.31	17.40	17.31	18.00
EDGE 3 Tx slots	21.42	21.53	21.47	22.20	17.16	17.27	17.21	17.94
EDGE 4 Tx slots	19.81	19.85	19.79	21.00	16.81	16.85	16.79	18.00

Band		WCDMA V Ant 0 DSI1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.53	24.60	24.49	25.00
3GPP Rel 99	RMC 12.2Kbps	24.62	24.64	24.60	25.00
3GPP Rel 6	HSDPA Subtest-1	23.64	23.67	23.63	24.00
3GPP Rel 6	HSDPA Subtest-2	23.60	23.68	23.56	24.00
3GPP Rel 6	HSDPA Subtest-3	23.06	23.10	23.09	23.50
3GPP Rel 6	HSDPA Subtest-4	23.10	23.20	23.07	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.67	23.62	23.58	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.66	23.61	23.58	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.10	23.10	23.11	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	23.17	23.19	23.05	23.50
3GPP Rel 6	HSUPA Subtest-1	23.59	23.59	23.55	24.00
3GPP Rel 6	HSUPA Subtest-2	21.58	21.64	21.63	22.00
3GPP Rel 6	HSUPA Subtest-3	22.68	22.62	22.61	23.00
3GPP Rel 6	HSUPA Subtest-4	21.64	21.60	21.66	22.00
3GPP Rel 6	HSUPA Subtest-5	23.60	23.63	23.54	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.06	21.12	21.05	21.50

GSM850 Ant 1 DSI1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.53	28.54	28.47	30.00	19.53	19.54	19.47	21.00
GPRS 1 Tx slot	28.38	28.38	28.36	30.00	19.38	19.38	19.36	21.00
GPRS 2 Tx slots	25.36	25.39	25.27	27.00	19.36	19.39	19.27	21.00
GPRS 3 Tx slots	23.28	23.42	23.29	25.20	19.02	19.16	19.03	20.94
GPRS 4 Tx slots	22.04	22.16	22.08	24.00	19.04	19.16	19.08	21.00
EDGE 1 Tx slot	26.04	26.13	26.01	27.50	17.04	17.13	17.01	18.50
EDGE 2 Tx slots	23.45	23.65	23.49	24.50	17.45	17.65	17.49	18.50
EDGE 3 Tx slots	21.59	21.68	21.62	22.70	17.33	17.42	17.36	18.44
EDGE 4 Tx slots	20.04	20.11	19.93	21.50	17.04	17.11	16.93	18.50

Band		WCDMA V Ant 1 DSI1			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.42	18.44	18.50	19.50
3GPP Rel 99	RMC 12.2Kbps	18.47	18.59	18.51	19.50
3GPP Rel 6	HSDPA Subtest-1	17.54	17.54	17.47	18.50
3GPP Rel 6	HSDPA Subtest-2	17.44	17.49	17.55	18.50
3GPP Rel 6	HSDPA Subtest-3	16.97	17.08	17.05	18.00
3GPP Rel 6	HSDPA Subtest-4	16.98	17.13	16.97	18.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.39	17.60	17.55	18.50
3GPP Rel 8	DC-HSDPA Subtest-2	17.50	17.48	17.48	18.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.97	17.00	17.01	18.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.96	17.16	16.99	18.00
3GPP Rel 6	HSUPA Subtest-1	17.56	17.61	17.47	18.50
3GPP Rel 6	HSUPA Subtest-2	15.38	15.56	15.46	16.50
3GPP Rel 6	HSUPA Subtest-3	16.44	16.48	16.52	17.50
3GPP Rel 6	HSUPA Subtest-4	15.42	15.48	15.52	16.50
3GPP Rel 6	HSUPA Subtest-5	17.51	17.62	17.53	18.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.94	15.03	14.94	16.00

GSM1900 Ant 2 DSI1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.97	28.07	28.02	29.50	18.97	19.07	19.02	20.50
GPRS 1 Tx slot	27.94	28.11	27.99	29.50	18.94	19.11	18.99	20.50
GPRS 2 Tx slots	24.74	24.96	24.86	26.50	18.74	18.96	18.86	20.50
GPRS 3 Tx slots	22.87	22.92	22.95	24.70	18.61	18.66	18.69	20.44
GPRS 4 Tx slots	21.57	21.64	21.51	23.50	18.57	18.64	18.51	20.50
EDGE 1 Tx slot	25.42	25.54	25.40	27.00	16.42	16.54	16.40	18.00
EDGE 2 Tx slots	22.69	22.78	22.72	24.00	16.69	16.78	16.72	18.00
EDGE 3 Tx slots	20.87	20.90	20.86	22.20	16.61	16.64	16.60	17.94
EDGE 4 Tx slots	20.00	20.07	19.96	21.00	17.00	17.07	16.96	18.00

Band		WCDMA IV Ant 2 DSI1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Rx Channel		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.54	16.56	16.45	18.00
3GPP Rel 99	RMC 12.2Kbps	16.54	16.67	16.56	18.00
3GPP Rel 6	HSDPA Subtest-1	15.51	15.61	15.53	17.00
3GPP Rel 6	HSDPA Subtest-2	15.47	15.62	15.55	17.00
3GPP Rel 6	HSDPA Subtest-3	15.07	15.23	14.97	16.50
3GPP Rel 6	HSDPA Subtest-4	15.03	15.17	14.99	16.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.50	15.64	15.50	17.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.56	15.58	15.55	17.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.01	15.07	14.98	16.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.02	15.19	14.97	16.50
3GPP Rel 6	HSUPA Subtest-1	15.56	15.56	15.53	17.00
3GPP Rel 6	HSUPA Subtest-2	13.57	13.69	13.51	15.00
3GPP Rel 6	HSUPA Subtest-3	14.52	14.65	14.55	16.00
3GPP Rel 6	HSUPA Subtest-4	13.59	13.71	13.57	15.00
3GPP Rel 6	HSUPA Subtest-5	15.56	15.55	15.54	17.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.04	13.18	13.06	14.50

Band		WCDMA II Ant 3 DSI1			Tune-up Limit (dBm)	WCDMA IV Ant 3 DSI1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.33	16.44	16.37	17.00	16.97	16.94	16.89	18.00
3GPP Rel 99	RMC 12.2Kbps	16.48	16.52	16.46	17.00	16.96	17.08	16.99	18.00
3GPP Rel 6	HSDPA Subtest-1	15.40	15.56	15.45	16.00	15.90	16.04	15.86	17.00
3GPP Rel 6	HSDPA Subtest-2	15.41	15.49	15.49	16.00	16.00	16.01	16.04	17.00
3GPP Rel 6	HSDPA Subtest-3	14.91	14.99	15.01	15.50	15.57	15.60	15.51	16.50
3GPP Rel 6	HSDPA Subtest-4	14.93	14.99	15.01	15.50	15.44	15.55	15.43	16.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.45	15.51	15.46	16.00	15.99	16.06	15.97	17.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.48	15.54	15.53	16.00	15.90	16.05	15.94	17.00
3GPP Rel 8	DC-HSDPA Subtest-3	14.87	15.14	15.10	15.50	15.54	15.61	15.47	16.50
3GPP Rel 8	DC-HSDPA Subtest-4	14.91	15.05	14.90	15.50	15.49	15.58	15.51	16.50
3GPP Rel 6	HSUPA Subtest-1	15.53	15.61	15.48	16.00	15.88	15.95	15.96	17.00
3GPP Rel 6	HSUPA Subtest-2	13.43	13.50	13.51	14.00	13.98	13.97	13.98	15.00
3GPP Rel 6	HSUPA Subtest-3	14.47	14.64	14.50	15.00	14.97	15.00	14.86	16.00
3GPP Rel 6	HSUPA Subtest-4	13.51	13.55	13.49	14.00	14.01	14.00	13.92	15.00
3GPP Rel 6	HSUPA Subtest-5	15.45	15.48	15.49	16.00	16.01	16.11	15.93	17.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.88	12.99	13.00	13.50	13.50	13.58	13.45	14.50

GSM1900 Ant 5 DSI1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.00	30.05	29.96	31.00	21.00	21.05	20.96	22.00
GPRS 1 Tx slot	29.94	30.00	29.90	31.00	20.94	21.00	20.90	22.00
GPRS 2 Tx slots	26.85	26.90	26.86	28.00	20.85	20.90	20.86	22.00
GPRS 3 Tx slots	24.87	24.94	24.88	26.20	20.61	20.68	20.62	21.94
GPRS 4 Tx slots	23.60	23.65	23.61	25.00	20.60	20.65	20.61	22.00
EDGE 1 Tx slot	25.46	25.48	25.40	27.00	16.46	16.48	16.40	18.00
EDGE 2 Tx slots	22.55	22.66	22.59	24.00	16.55	16.66	16.59	18.00
EDGE 3 Tx slots	21.08	21.10	20.98	22.20	16.82	16.84	16.72	17.94
EDGE 4 Tx slots	20.45	20.54	20.40	21.00	17.45	17.54	17.40	18.00

Band		WCDMA II Ant 5 DSI1			Tune-up Limit (dBm)	WCDMA IV Ant 5 DSI1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.00	24.07	24.11	25.00	23.11	23.28	23.26	24.50
3GPP Rel 99	RMC 12.2Kbps	24.10	24.18	24.15	25.00	23.23	23.31	23.28	24.50
3GPP Rel 6	HSDPA Subtest-1	23.09	23.17	23.10	24.00	22.24	22.26	22.30	23.50
3GPP Rel 6	HSDPA Subtest-2	23.13	23.19	23.15	24.00	22.21	22.27	22.25	23.50
3GPP Rel 6	HSDPA Subtest-3	22.60	22.70	22.64	23.50	21.77	21.79	21.73	23.00
3GPP Rel 6	HSDPA Subtest-4	22.57	22.69	22.60	23.50	21.78	21.87	21.77	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.12	23.19	23.10	24.00	22.19	22.26	22.22	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.13	23.22	23.14	24.00	22.23	22.33	22.34	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	22.58	22.62	22.61	23.50	21.73	21.82	21.74	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	22.61	22.63	22.61	23.50	21.72	21.77	21.75	23.00
3GPP Rel 6	HSUPA Subtest-1	23.12	23.15	23.11	24.00	22.18	22.35	22.24	23.50
3GPP Rel 6	HSUPA Subtest-2	21.07	21.15	21.16	22.00	20.19	20.31	20.33	21.50
3GPP Rel 6	HSUPA Subtest-3	22.14	22.16	22.10	23.00	21.28	21.34	21.23	22.50
3GPP Rel 6	HSUPA Subtest-4	21.15	21.19	21.11	22.00	20.17	20.29	20.28	21.50
3GPP Rel 6	HSUPA Subtest-5	23.13	23.20	23.15	24.00	22.23	22.28	22.28	23.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.57	20.72	20.66	21.50	19.70	19.85	19.77	21.00

Band 5 Ant 0 DSI1

BW [MHz]	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	25.31	25.35	25.32	25.7	0
10	QPSK	1	25	25.29	25.33	25.19		
10	QPSK	1	49	25.21	25.27	25.23		
10	QPSK	25	0	24.29	24.41	24.36	24.7	1
10	QPSK	25	12	24.28	24.38	24.16		
10	QPSK	25	25	24.19	24.27	24.22		
10	QPSK	50	0	24.30	24.35	24.27		
10	16QAM	1	0	24.28	24.31	24.26	24.7	1
10	16QAM	1	25	24.28	24.34	24.16		
10	16QAM	1	49	24.11	24.22	24.17		
10	16QAM	25	0	23.24	23.43	23.41	23.7	2
10	16QAM	25	12	23.23	23.41	23.21		
10	16QAM	25	25	23.15	23.22	23.18		
10	16QAM	50	0	23.35	23.36	23.25		
10	64QAM	1	0	23.34	23.25	23.28	23.7	2
10	64QAM	1	25	23.26	23.39	23.19		
10	64QAM	1	49	23.16	23.22	23.18		
10	64QAM	25	0	22.24	22.42	22.33	22.7	3
10	64QAM	25	12	22.28	22.33	22.10		
10	64QAM	25	25	22.20	22.23	22.24		
10	64QAM	50	0	22.33	22.39	22.30		
10	256QAM	1	0	20.26	20.41	20.38	20.7	5
10	256QAM	1	25	20.23	20.41	20.21		
10	256QAM	1	49	20.15	20.30	20.23		
10	256QAM	25	0	20.32	20.40	20.28	20.7	5
10	256QAM	25	12	20.23	20.31	20.21		
10	256QAM	25	25	20.29	20.31	20.13		
10	256QAM	50	0	20.08	20.18	20.20		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	25.22	25.28	25.24	25.7	0
5	QPSK	1	12	25.25	25.25	25.13		
5	QPSK	1	24	25.15	25.18	25.18		
5	QPSK	12	0	24.20	24.34	24.25	24.7	1
5	QPSK	12	7	24.21	24.26	24.05		
5	QPSK	12	13	24.10	24.16	24.13		
5	QPSK	25	0	24.22	24.23	24.21		
5	16QAM	1	0	24.16	24.24	24.15	24.7	1
5	16QAM	1	12	24.21	24.27	24.08		
5	16QAM	1	24	24.03	24.13	24.15		
5	16QAM	12	0	23.15	23.34	23.31	23.7	2
5	16QAM	12	7	23.16	23.32	23.19		
5	16QAM	12	13	23.08	23.14	23.10		
5	16QAM	25	0	23.21	23.24	23.20		
5	64QAM	1	0	23.21	23.20	23.17	23.7	2
5	64QAM	1	12	23.17	23.29	23.06		
5	64QAM	1	24	23.04	23.19	23.07		
5	64QAM	12	0	22.16	22.30	22.29	22.7	3
5	64QAM	12	7	22.22	22.19	21.97		
5	64QAM	12	13	22.13	22.10	22.18		
5	64QAM	25	0	22.26	22.25	22.24		
5	256QAM	1	0	20.16	20.31	20.25	20.7	5
5	256QAM	1	12	20.21	20.29	20.08		
5	256QAM	1	24	20.11	20.21	20.16		
5	256QAM	12	0	20.21	20.33	20.14	20.7	5
5	256QAM	12	7	20.09	20.26	20.08		
5	256QAM	12	13	20.25	20.24	20.08		
5	256QAM	25	0	20.05	20.11	20.07		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	25.20	25.26	25.23	25.7	0
3	QPSK	1	8	25.20	25.25	25.08		
3	QPSK	1	14	25.08	25.16	25.13		
3	QPSK	8	0	24.18	24.31	24.31	24.7	1
3	QPSK	8	4	24.25	24.31	24.07		
3	QPSK	8	7	24.10	24.23	24.18		
3	QPSK	15	0	24.22	24.25	24.14		
3	16QAM	1	0	24.26	24.18	24.20	24.7	1
3	16QAM	1	8	24.19	24.32	24.12		
3	16QAM	1	14	24.01	24.11	24.09		
3	16QAM	8	0	23.20	23.31	23.34	23.7	2
3	16QAM	8	4	23.18	23.27	23.07		
3	16QAM	8	7	23.09	23.12	23.11		
3	16QAM	15	0	23.32	23.29	23.20		
3	64QAM	1	0	23.31	23.23	23.19	23.7	2
3	64QAM	1	8	23.19	23.26	23.14		
3	64QAM	1	14	23.12	23.19	23.14		
3	64QAM	8	0	22.18	22.28	22.21	22.7	3
3	64QAM	8	4	22.16	22.20	22.00		
3	64QAM	8	7	22.08	22.17	22.13		
3	64QAM	15	0	22.25	22.32	22.26		
3	256QAM	1	0	20.20	20.37	20.24	20.7	5
3	256QAM	1	8	20.17	20.31	20.14		
3	256QAM	1	14	20.13	20.23	20.09		
3	256QAM	8	0	20.18	20.36	20.21	20.7	5
3	256QAM	8	4	20.16	20.17	20.12		
3	256QAM	8	7	20.16	20.18	20.03		
3	256QAM	15	0	20.04	20.10	20.08		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	25.19	25.30	25.29	25.7	0
1.4	QPSK	1	3	25.24	25.21	25.17		
1.4	QPSK	1	5	25.10	25.25	25.17		
1.4	QPSK	3	0	25.16	25.20	25.24		
1.4	QPSK	3	1	25.18	25.19	25.12		
1.4	QPSK	3	3	25.02	25.16	25.12		
1.4	QPSK	6	0	24.28	24.27	24.21	24.7	1
1.4	16QAM	1	0	24.21	24.28	24.16	24.7	1
1.4	16QAM	1	3	24.16	24.24	24.04		
1.4	16QAM	1	5	24.05	24.15	24.14		
1.4	16QAM	3	0	24.22	24.14	24.13		
1.4	16QAM	3	1	24.07	24.19	24.06		
1.4	16QAM	3	3	24.08	24.15	23.95		
1.4	16QAM	6	0	23.23	23.26	23.20	23.7	2
1.4	64QAM	1	0	23.22	23.13	23.22	23.7	2
1.4	64QAM	1	3	23.20	23.26	23.16		
1.4	64QAM	1	5	23.12	23.20	23.08		
1.4	64QAM	3	0	23.19	23.22	23.06		
1.4	64QAM	3	1	23.16	23.02	23.12		
1.4	64QAM	3	3	23.08	23.13	23.10		
1.4	64QAM	6	0	22.29	22.31	22.25	22.7	3
1.4	256QAM	1	0	20.13	20.28	20.32	20.7	5
1.4	256QAM	1	3	20.15	20.31	20.13		
1.4	256QAM	1	5	20.13	20.19	20.16		
1.4	256QAM	3	0	20.20	20.26	20.16		
1.4	256QAM	3	1	20.09	20.28	20.17		
1.4	256QAM	3	3	20.24	20.23	20.01		
1.4	256QAM	6	0	19.97	20.16	20.09	20.7	5

Band 26 Ant 0 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	25.33	25.36	25.35	25.7	0
15	QPSK	1	37	25.23	25.30	25.17		
15	QPSK	1	74	25.17	25.25	25.26		
15	QPSK	36	0	24.26	24.42	24.39	24.7	1
15	QPSK	36	20	24.26	24.35	24.11		
15	QPSK	36	39	24.15	24.26	24.19		
15	QPSK	75	0	24.32	24.37	24.29		
15	16QAM	1	0	24.26	24.31	24.23	24.7	1
15	16QAM	1	37	24.29	24.27	24.17		
15	16QAM	1	74	24.05	24.19	24.12		
15	16QAM	36	0	23.22	23.45	23.36	23.7	2
15	16QAM	36	20	23.23	23.44	23.23		
15	16QAM	36	39	23.10	23.16	23.14		
15	16QAM	75	0	23.39	23.34	23.22		
15	64QAM	1	0	23.36	23.21	23.20	23.7	2
15	64QAM	1	37	23.18	23.34	23.11		
15	64QAM	1	74	23.16	23.17	23.21		
15	64QAM	36	0	22.28	22.34	22.28	22.7	3
15	64QAM	36	20	22.23	22.26	22.03		
15	64QAM	36	39	22.19	22.20	22.23		
15	64QAM	75	0	22.37	22.41	22.30		
15	256QAM	1	0	20.23	20.45	20.42	20.7	5
15	256QAM	1	37	20.21	20.43	20.22		
15	256QAM	1	74	20.07	20.32	20.16		
15	256QAM	36	0	20.27	20.42	20.25	20.7	5
15	256QAM	36	20	20.22	20.30	20.19		
15	256QAM	36	39	20.29	20.28	20.08		
15	256QAM	75	0	20.07	20.17	20.22		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	25.28	25.26	25.30	25.7	0
10	QPSK	1	25	25.15	25.28	25.06		
10	QPSK	1	49	25.16	25.17	25.17		
10	QPSK	25	0	24.21	24.36	24.38	24.7	1
10	QPSK	25	12	24.15	24.30	24.07		
10	QPSK	25	25	24.13	24.26	24.20		
10	QPSK	50	0	24.31	24.33	24.29		
10	16QAM	1	0	24.16	24.28	24.21	24.7	1
10	16QAM	1	25	24.21	24.16	24.08		
10	16QAM	1	49	23.97	24.11	24.01		
10	16QAM	25	0	23.22	23.46	23.28	23.7	2
10	16QAM	25	12	23.16	23.40	23.17		
10	16QAM	25	25	23.01	23.08	23.12		
10	16QAM	50	0	23.38	23.29	23.14		
10	64QAM	1	0	23.33	23.19	23.18	23.7	2
10	64QAM	1	25	23.19	23.25	23.11		
10	64QAM	1	49	23.13	23.07	23.19		
10	64QAM	25	0	22.21	22.29	22.27	22.7	3
10	64QAM	25	12	22.22	22.26	21.95		
10	64QAM	25	25	22.13	22.16	22.17		
10	64QAM	50	0	22.28	22.39	22.24		
10	256QAM	1	0	20.20	20.45	20.38	20.7	5
10	256QAM	1	25	20.14	20.35	20.18		
10	256QAM	1	49	20.07	20.29	20.13		
10	256QAM	25	0	20.26	20.33	20.26	20.7	5
10	256QAM	25	12	20.23	20.26	20.08		
10	256QAM	25	25	20.18	20.21	20.03		
10	256QAM	50	0	20.03	20.14	20.21		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	25.32	25.35	25.32	25.7	0
5	QPSK	1	12	25.21	25.26	25.10		
5	QPSK	1	24	25.13	25.25	25.16		
5	QPSK	12	0	24.16	24.31	24.34	24.7	1
5	QPSK	12	7	24.22	24.27	24.06		
5	QPSK	12	13	24.06	24.17	24.14		
5	QPSK	25	0	24.32	24.32	24.24		
5	16QAM	1	0	24.26	24.21	24.17	24.7	1
5	16QAM	1	12	24.22	24.18	24.09		
5	16QAM	1	24	24.03	24.17	24.03		
5	16QAM	12	0	23.15	23.35	23.36	23.7	2
5	16QAM	12	7	23.21	23.37	23.12		
5	16QAM	12	13	23.02	23.08	23.07		
5	16QAM	25	0	23.36	23.26	23.21		
5	64QAM	1	0	23.28	23.16	23.19	23.7	2
5	64QAM	1	12	23.12	23.30	23.12		
5	64QAM	1	24	23.09	23.08	23.13		
5	64QAM	12	0	22.20	22.33	22.20	22.7	3
5	64QAM	12	7	22.16	22.19	22.00		
5	64QAM	12	13	22.09	22.17	22.15		
5	64QAM	25	0	22.38	22.31	22.30		
5	256QAM	1	0	20.14	20.37	20.42	20.7	5
5	256QAM	1	12	20.10	20.43	20.23		
5	256QAM	1	24	19.97	20.25	20.10		
5	256QAM	12	0	20.17	20.35	20.23	20.7	5
5	256QAM	12	7	20.21	20.22	20.10		
5	256QAM	12	13	20.26	20.19	20.04		
5	256QAM	25	0	20.02	20.14	20.19		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	25.33	25.26	25.33	25.7	0
3	QPSK	1	8	25.22	25.26	25.10		
3	QPSK	1	14	25.15	25.15	25.20		
3	QPSK	8	0	24.15	24.34	24.38	24.7	1
3	QPSK	8	4	24.16	24.26	24.10		
3	QPSK	8	7	24.09	24.17	24.15		
3	QPSK	15	0	24.24	24.31	24.24		
3	16QAM	1	0	24.20	24.23	24.21	24.7	1
3	16QAM	1	8	24.26	24.21	24.11		
3	16QAM	1	14	23.99	24.15	24.02		
3	16QAM	8	0	23.17	23.38	23.28	23.7	2
3	16QAM	8	4	23.14	23.44	23.22		
3	16QAM	8	7	22.99	23.15	23.10		
3	16QAM	15	0	23.28	23.30	23.18		
3	64QAM	1	0	23.28	23.16	23.12	23.7	2
3	64QAM	1	8	23.13	23.34	23.07		
3	64QAM	1	14	23.08	23.10	23.18		
3	64QAM	8	0	22.20	22.31	22.21	22.7	3
3	64QAM	8	4	22.21	22.23	21.97		
3	64QAM	8	7	22.13	22.16	22.23		
3	64QAM	15	0	22.28	22.33	22.27		
3	256QAM	1	0	20.24	20.37	20.42	20.7	5
3	256QAM	1	8	20.21	20.44	20.21		
3	256QAM	1	14	20.07	20.24	20.15		
3	256QAM	8	0	20.22	20.37	20.16	20.7	5
3	256QAM	8	4	20.12	20.21	20.19		
3	256QAM	8	7	20.27	20.25	19.98		
3	256QAM	15	0	20.05	20.08	20.16		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	25.09	25.27	25.20	25.7	0
1.4	QPSK	1	3	25.22	25.11	25.13		
1.4	QPSK	1	5	25.06	25.16	25.13		
1.4	QPSK	3	0	25.07	25.18	25.16		
1.4	QPSK	3	1	25.12	25.09	25.06		
1.4	QPSK	3	3	24.95	25.11	25.12		
1.4	QPSK	6	0	24.26	24.18	24.11	24.7	1
1.4	16QAM	1	0	24.17	24.19	24.06	24.7	1
1.4	16QAM	1	3	24.09	24.19	24.00		
1.4	16QAM	1	5	23.96	24.15	24.08		
1.4	16QAM	3	0	24.20	24.03	24.03		
1.4	16QAM	3	1	24.06	24.15	23.96		
1.4	16QAM	3	3	24.04	24.10	23.88		
1.4	16QAM	6	0	23.18	23.17	23.10	23.7	2
1.4	64QAM	1	0	23.15	23.11	23.23	23.7	2
1.4	64QAM	1	3	23.13	23.22	23.13		
1.4	64QAM	1	5	23.01	23.13	22.97		
1.4	64QAM	3	0	23.14	23.19	22.98		
1.4	64QAM	3	1	23.13	22.93	23.01		
1.4	64QAM	3	3	23.05	23.14	23.04		
1.4	64QAM	6	0	22.20	22.28	22.19	22.7	3
1.4	256QAM	1	0	20.04	20.18	20.30	20.7	5
1.4	256QAM	1	3	20.08	20.22	20.09		
1.4	256QAM	1	5	20.04	20.20	20.13		
1.4	256QAM	3	0	20.20	20.23	20.17		
1.4	256QAM	3	1	20.06	20.27	20.10		
1.4	256QAM	3	3	20.25	20.20	20.00		
1.4	256QAM	6	0	19.95	20.05	20.00	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	19.17	19.18	19.14	20.2	0
10	QPSK	1	25	19.00	19.07	18.96		
10	QPSK	1	49	19.17	19.03	19.00		
10	QPSK	25	0	19.12	19.10	19.16	20.2	0
10	QPSK	25	12	18.96	19.03	18.90		
10	QPSK	25	25	19.14	19.03	18.94		
10	QPSK	50	0	19.16	19.09	19.10		
10	16QAM	1	0	18.92	19.00	18.94	20.2	0
10	16QAM	1	25	19.09	19.01	18.93		
10	16QAM	1	49	19.07	19.17	19.07		
10	16QAM	25	0	18.94	19.05	18.91	20.2	0
10	16QAM	25	12	19.08	18.93	18.90		
10	16QAM	25	25	19.11	18.99	19.15		
10	16QAM	50	0	18.89	18.99	18.89		
10	64QAM	1	0	19.15	18.94	18.86	20.2	0
10	64QAM	1	25	19.16	19.08	19.00		
10	64QAM	1	49	18.90	18.93	18.88		
10	64QAM	25	0	19.14	19.16	19.03	20.2	0
10	64QAM	25	12	18.90	19.02	18.89		
10	64QAM	25	25	19.12	18.99	18.98		
10	64QAM	50	0	19.13	19.08	19.06		
10	256QAM	1	0	19.16	19.07	19.08	20.2	0
10	256QAM	1	25	18.97	19.08	18.94		
10	256QAM	1	49	19.11	19.00	18.98		
10	256QAM	25	0	19.12	19.04	19.06	20.2	0
10	256QAM	25	12	18.94	19.01	18.81		
10	256QAM	25	25	19.15	18.99	18.87		
10	256QAM	50	0	19.08	19.07	19.04		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.04	19.08	19.10	20.2	0
5	QPSK	1	12	18.86	19.05	18.93		
5	QPSK	1	24	19.04	18.90	18.87		
5	QPSK	12	0	19.05	18.96	19.12	20.2	0
5	QPSK	12	7	18.88	18.95	18.80		
5	QPSK	12	13	19.03	18.99	18.84		
5	QPSK	25	0	19.04	19.00	19.05		
5	16QAM	1	0	18.79	18.94	18.89	20.2	0
5	16QAM	1	12	19.01	18.89	18.90		
5	16QAM	1	24	18.97	19.13	18.99		
5	16QAM	12	0	18.89	18.98	18.82	20.2	0
5	16QAM	12	7	18.99	18.83	18.84		
5	16QAM	12	13	18.99	18.94	19.11		
5	16QAM	25	0	18.80	18.85	18.82		
5	64QAM	1	0	19.07	18.89	18.82	20.2	0
5	64QAM	1	12	19.11	18.95	18.97		
5	64QAM	1	24	18.77	18.82	18.85		
5	64QAM	12	0	19.06	19.05	18.89	20.2	0
5	64QAM	12	7	18.83	18.93	18.80		
5	64QAM	12	13	19.06	18.85	18.92		
5	64QAM	25	0	18.99	19.02	19.00		
5	256QAM	1	0	19.12	18.98	19.01	20.2	0
5	256QAM	1	12	18.93	19.01	18.82		
5	256QAM	1	24	19.02	18.96	18.94		
5	256QAM	12	0	19.09	18.93	18.92	20.2	0
5	256QAM	12	7	18.85	18.97	18.74		
5	256QAM	12	13	19.13	18.93	18.84		
5	256QAM	25	0	19.00	18.99	19.00		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.06	19.07	19.07	20.2	0
3	QPSK	1	8	18.92	19.04	18.86		
3	QPSK	1	14	19.15	18.96	18.97		
3	QPSK	8	0	19.05	18.99	19.10	20.2	0
3	QPSK	8	4	18.87	18.92	18.81		
3	QPSK	8	7	19.01	18.90	18.89		
3	QPSK	15	0	19.04	18.96	19.04		
3	16QAM	1	0	18.86	18.90	18.92	20.2	0
3	16QAM	1	8	19.01	18.96	18.82		
3	16QAM	1	14	18.97	19.06	18.94		
3	16QAM	8	0	18.85	19.00	18.86	20.2	0
3	16QAM	8	4	19.01	18.81	18.82		
3	16QAM	8	7	19.08	18.88	19.03		
3	16QAM	15	0	18.78	18.96	18.84		
3	64QAM	1	0	19.08	18.84	18.73	20.2	0
3	64QAM	1	8	19.11	18.98	18.93		
3	64QAM	1	14	18.85	18.88	18.84		
3	64QAM	8	0	19.00	19.11	18.90	20.2	0
3	64QAM	8	4	18.76	18.99	18.79		
3	64QAM	8	7	19.07	18.91	18.89		
3	64QAM	15	0	19.07	18.99	18.99		
3	256QAM	1	0	19.06	19.05	19.04	20.2	0
3	256QAM	1	8	18.86	19.00	18.85		
3	256QAM	1	14	19.03	18.92	18.88		
3	256QAM	8	0	19.07	19.01	18.99	20.2	0
3	256QAM	8	4	18.90	18.88	18.73		
3	256QAM	8	7	19.05	18.96	18.81		
3	256QAM	15	0	18.98	19.00	18.98		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.07	19.08	19.08	20.2	0
1.4	QPSK	1	3	18.91	19.02	18.94		
1.4	QPSK	1	5	19.04	18.96	18.96		
1.4	QPSK	3	0	19.05	19.01	19.10		
1.4	QPSK	3	1	18.87	18.92	18.85		
1.4	QPSK	3	3	19.08	18.92	18.88		
1.4	QPSK	6	0	19.06	18.97	19.01	20.2	0
1.4	16QAM	1	0	18.90	18.89	18.82	20.2	0
1.4	16QAM	1	3	19.04	18.99	18.80		
1.4	16QAM	1	5	18.94	19.10	18.97		
1.4	16QAM	3	0	18.89	18.94	18.86		
1.4	16QAM	3	1	19.05	18.81	18.80		
1.4	16QAM	3	3	19.06	18.94	19.06		
1.4	16QAM	6	0	18.86	18.96	18.80	20.2	0
1.4	64QAM	1	0	19.03	18.86	18.84	20.2	0
1.4	64QAM	1	3	19.03	18.97	18.97		
1.4	64QAM	1	5	18.79	18.82	18.77		
1.4	64QAM	3	0	19.11	19.06	18.96		
1.4	64QAM	3	1	18.85	18.91	18.77		
1.4	64QAM	3	3	19.07	18.92	18.95		
1.4	64QAM	6	0	19.07	18.98	18.98	20.2	0
1.4	256QAM	1	0	19.10	19.04	19.01	20.2	0
1.4	256QAM	1	3	18.84	19.00	18.91		
1.4	256QAM	1	5	18.99	18.90	18.94		
1.4	256QAM	3	0	19.08	18.98	19.02		
1.4	256QAM	3	1	18.82	18.90	18.78		
1.4	256QAM	3	3	19.12	18.91	18.83		
1.4	256QAM	6	0	19.02	19.03	18.92	20.2	0

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BW [MHz]	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	19.15	19.16	19.07	20.2	0
15	QPSK	1	37	18.87	19.03	18.84		
15	QPSK	1	74	19.10	18.91	18.94		
15	QPSK	36	0	18.99	18.98	19.11	20.2	0
15	QPSK	36	20	18.87	19.01	18.86		
15	QPSK	36	39	19.07	18.93	18.92		
15	QPSK	75	0	19.13	18.99	19.07		
15	16QAM	1	0	18.88	18.97	18.86	20.2	0
15	16QAM	1	37	19.05	18.90	18.89		
15	16QAM	1	74	18.96	19.05	19.04		
15	16QAM	36	0	18.90	18.98	18.78	20.2	0
15	16QAM	36	20	18.99	18.88	18.78		
15	16QAM	36	39	18.97	18.88	19.10		
15	16QAM	75	0	18.85	18.87	18.76		
15	64QAM	1	0	19.01	18.86	18.76	20.2	0
15	64QAM	1	37	19.09	18.95	18.98		
15	64QAM	1	74	18.80	18.83	18.82		
15	64QAM	36	0	19.01	19.14	18.90	20.2	0
15	64QAM	36	20	18.83	18.92	18.83		
15	64QAM	36	39	19.07	18.92	18.84		
15	64QAM	75	0	19.02	19.03	19.00		
15	256QAM	1	0	19.12	19.03	19.00	20.2	0
15	256QAM	1	37	18.95	19.03	18.89		
15	256QAM	1	74	18.98	18.97	18.94		
15	256QAM	36	0	19.04	18.92	19.02	20.2	0
15	256QAM	36	20	18.85	18.96	18.77		
15	256QAM	36	39	19.04	18.94	18.81		
15	256QAM	75	0	19.06	19.02	18.92		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.10	19.11	19.00	20.2	0
10	QPSK	1	25	18.77	18.93	18.77		
10	QPSK	1	49	19.03	18.87	18.86		
10	QPSK	25	0	18.89	18.90	19.00	20.2	0
10	QPSK	25	12	18.75	18.90	18.81		
10	QPSK	25	25	18.95	18.81	18.85		
10	QPSK	50	0	19.00	18.90	18.96		
10	16QAM	1	0	18.75	18.91	18.81	20.2	0
10	16QAM	1	25	18.91	18.87	18.76		
10	16QAM	1	49	18.94	19.02	18.94		
10	16QAM	25	0	18.78	18.90	18.67	20.2	0
10	16QAM	25	12	18.96	18.84	18.65		
10	16QAM	25	25	18.94	18.84	19.05		
10	16QAM	50	0	18.73	18.74	18.64		
10	64QAM	1	0	18.88	18.72	18.63	20.2	0
10	64QAM	1	25	19.01	18.89	18.84		
10	64QAM	1	49	18.73	18.79	18.76		
10	64QAM	25	0	18.94	19.07	18.82	20.2	0
10	64QAM	25	12	18.77	18.78	18.76		
10	64QAM	25	25	18.97	18.87	18.74		
10	64QAM	50	0	18.99	18.93	18.92		
10	256QAM	1	0	19.00	19.00	18.91	20.2	0
10	256QAM	1	25	18.87	19.01	18.76		
10	256QAM	1	49	18.93	18.89	18.88		
10	256QAM	25	0	18.95	18.90	18.98	20.2	0
10	256QAM	25	12	18.74	18.90	18.70		
10	256QAM	25	25	18.95	18.88	18.77		
10	256QAM	50	0	18.96	18.99	18.86		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.13	19.12	19.03	20.2	0
5	QPSK	1	12	18.74	18.91	18.79		
5	QPSK	1	24	19.06	18.88	18.83		
5	QPSK	12	0	18.96	18.93	19.06	20.2	0
5	QPSK	12	7	18.79	18.98	18.74		
5	QPSK	12	13	19.02	18.91	18.84		
5	QPSK	25	0	19.04	18.85	19.02		
5	16QAM	1	0	18.76	18.84	18.74	20.2	0
5	16QAM	1	12	18.98	18.83	18.85		
5	16QAM	1	24	18.89	19.03	18.91		
5	16QAM	12	0	18.80	18.90	18.72	20.2	0
5	16QAM	12	7	18.92	18.76	18.69		
5	16QAM	12	13	18.89	18.83	19.05		
5	16QAM	25	0	18.78	18.83	18.63		
5	64QAM	1	0	18.90	18.81	18.66	20.2	0
5	64QAM	1	12	18.99	18.85	18.85		
5	64QAM	1	24	18.75	18.81	18.69		
5	64QAM	12	0	18.96	19.10	18.86	20.2	0
5	64QAM	12	7	18.78	18.90	18.75		
5	64QAM	12	13	19.03	18.89	18.73		
5	64QAM	25	0	18.95	18.89	18.95		
5	256QAM	1	0	18.98	18.90	18.97	20.2	0
5	256QAM	1	12	18.82	18.96	18.81		
5	256QAM	1	24	18.89	18.93	18.82		
5	256QAM	12	0	18.93	18.86	18.94	20.2	0
5	256QAM	12	7	18.82	18.93	18.71		
5	256QAM	12	13	18.97	18.87	18.71		
5	256QAM	25	0	18.94	18.97	18.90		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.10	19.11	18.99	20.2	0
3	QPSK	1	8	18.84	18.99	18.82		
3	QPSK	1	14	19.00	18.79	18.90		
3	QPSK	8	0	18.91	18.85	19.04	20.2	0
3	QPSK	8	4	18.83	18.89	18.73		
3	QPSK	8	7	19.00	18.91	18.87		
3	QPSK	15	0	19.02	18.88	19.02		
3	16QAM	1	0	18.78	18.89	18.80	20.2	0
3	16QAM	1	8	19.02	18.86	18.79		
3	16QAM	1	14	18.93	18.96	19.00		
3	16QAM	8	0	18.84	18.94	18.74	20.2	0
3	16QAM	8	4	18.93	18.80	18.73		
3	16QAM	8	7	18.91	18.78	19.01		
3	16QAM	15	0	18.72	18.80	18.69		
3	64QAM	1	0	18.98	18.72	18.66	20.2	0
3	64QAM	1	8	19.03	18.90	18.88		
3	64QAM	1	14	18.68	18.76	18.69		
3	64QAM	8	0	18.95	19.06	18.87	20.2	0
3	64QAM	8	4	18.72	18.78	18.73		
3	64QAM	8	7	18.95	18.86	18.81		
3	64QAM	15	0	18.89	18.93	18.86		
3	256QAM	1	0	18.99	19.00	18.87	20.2	0
3	256QAM	1	8	18.89	19.00	18.85		
3	256QAM	1	14	18.93	18.84	18.88		
3	256QAM	8	0	19.02	18.80	18.93	20.2	0
3	256QAM	8	4	18.74	18.90	18.65		
3	256QAM	8	7	18.96	18.83	18.74		
3	256QAM	15	0	18.99	18.92	18.88		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.07	19.08	19.05	20.2	0
1.4	QPSK	1	3	18.76	19.00	18.79		
1.4	QPSK	1	5	19.03	18.85	18.89		
1.4	QPSK	3	0	18.89	18.86	19.06		
1.4	QPSK	3	1	18.81	18.87	18.81		
1.4	QPSK	3	3	18.98	18.91	18.84		
1.4	QPSK	6	0	19.05	18.90	18.94	20.2	0
1.4	16QAM	1	0	18.76	18.95	18.79	20.2	0
1.4	16QAM	1	3	19.03	18.81	18.81		
1.4	16QAM	1	5	18.93	18.93	18.99		
1.4	16QAM	3	0	18.84	18.90	18.68		
1.4	16QAM	3	1	18.88	18.84	18.67		
1.4	16QAM	3	3	18.91	18.75	19.02		
1.4	16QAM	6	0	18.78	18.82	18.65	20.2	0
1.4	64QAM	1	0	18.91	18.79	18.72	20.2	0
1.4	64QAM	1	3	19.00	18.87	18.88		
1.4	64QAM	1	5	18.68	18.76	18.69		
1.4	64QAM	3	0	18.93	19.03	18.85		
1.4	64QAM	3	1	18.76	18.80	18.79		
1.4	64QAM	3	3	19.04	18.81	18.75		
1.4	64QAM	6	0	18.95	18.94	18.87	20.2	0
1.4	256QAM	1	0	19.00	18.95	18.87	20.2	0
1.4	256QAM	1	3	18.90	18.97	18.86		
1.4	256QAM	1	5	18.90	18.95	18.81		
1.4	256QAM	3	0	18.94	18.80	18.97		
1.4	256QAM	3	1	18.73	18.86	18.66		
1.4	256QAM	3	3	19.01	18.85	18.71		
1.4	256QAM	6	0	18.93	18.93	18.87	20.2	0

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BW [MHz]	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	15.43	15.53	15.36		
20	QPSK	1	49	15.40	15.38	15.25	17	0
20	QPSK	1	99	15.37	15.46	15.28		
20	QPSK	50	0	15.39	15.43	15.29		
20	QPSK	50	24	15.37	15.33	15.23	17	0
20	QPSK	50	50	15.36	15.41	15.07		
20	QPSK	100	0	15.35	15.44	15.29		
20	16QAM	1	0	15.35	15.40	15.30		
20	16QAM	1	49	15.28	15.27	15.15	17	0
20	16QAM	1	99	15.36	15.29	15.17		
20	16QAM	50	0	15.40	15.39	15.26		
20	16QAM	50	24	15.21	15.31	15.16	17	0
20	16QAM	50	50	15.31	15.35	15.37		
20	16QAM	100	0	15.38	15.33	15.23		
20	64QAM	1	0	15.38	15.40	15.35		
20	64QAM	1	49	15.30	15.24	15.15	17	0
20	64QAM	1	99	15.30	15.26	15.21		
20	64QAM	50	0	15.34	15.32	15.24		
20	64QAM	50	24	15.29	15.18	15.23	17	0
20	64QAM	50	50	15.22	15.28	15.02		
20	64QAM	100	0	15.30	15.34	15.19		
20	256QAM	1	0	15.35	15.45	15.26		
20	256QAM	1	49	15.23	15.35	15.17	17	0
20	256QAM	1	99	15.36	15.29	15.14		
20	256QAM	50	0	15.41	15.42	15.28		
20	256QAM	50	24	15.24	15.16	15.15	17	0
20	256QAM	50	50	15.21	15.35	15.23		
20	256QAM	100	0	15.40	15.33	15.19		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.37	15.39	15.32		
15	QPSK	1	37	15.25	15.24	15.21	17	0
15	QPSK	1	74	15.25	15.35	15.24		
15	QPSK	36	0	15.34	15.35	15.20		
15	QPSK	36	20	15.30	15.28	15.19	17	0
15	QPSK	36	39	15.30	15.37	15.14		
15	QPSK	75	0	15.28	15.40	15.19		
15	16QAM	1	0	15.29	15.38	15.28		
15	16QAM	1	37	15.18	15.15	15.12	17	0
15	16QAM	1	74	15.34	15.26	15.09		
15	16QAM	36	0	15.38	15.26	15.23		
15	16QAM	36	20	15.13	15.21	15.04	17	0
15	16QAM	36	39	15.28	15.22	15.29		
15	16QAM	75	0	15.33	15.23	15.11		
15	64QAM	1	0	15.24	15.33	15.26		
15	64QAM	1	37	15.17	15.16	15.07	17	0
15	64QAM	1	74	15.24	15.15	15.12		
15	64QAM	36	0	15.26	15.28	15.19		
15	64QAM	36	20	15.16	15.05	15.08	17	0
15	64QAM	36	39	15.18	15.26	15.13		
15	64QAM	75	0	15.24	15.24	15.08		
15	256QAM	1	0	15.26	15.42	15.15		
15	256QAM	1	37	15.14	15.29	15.13	17	0
15	256QAM	1	74	15.23	15.20	15.04		
15	256QAM	36	0	15.37	15.29	15.24		
15	256QAM	36	20	15.16	15.08	15.01	17	0
15	256QAM	36	39	15.08	15.29	15.17		
15	256QAM	75	0	15.37	15.20	15.07		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850	1880	1905		
10	QPSK	1	0	15.29	15.41	15.26		
10	QPSK	1	25	15.31	15.28	15.15	17	0
10	QPSK	1	49	15.27	15.33	15.23		
10	QPSK	25	0	15.32	15.41	15.26		
10	QPSK	25	12	15.31	15.21	15.21	17	0
10	QPSK	25	25	15.23	15.37	15.18		
10	QPSK	50	0	15.30	15.42	15.27		
10	16QAM	1	0	15.29	15.33	15.24		
10	16QAM	1	25	15.23	15.15	15.06	17	0
10	16QAM	1	49	15.29	15.27	15.10		
10	16QAM	25	0	15.32	15.27	15.22		
10	16QAM	25	12	15.13	15.21	15.13	17	0
10	16QAM	25	25	15.24	15.24	15.29		
10	16QAM	50	0	15.34	15.25	15.14		
10	64QAM	1	0	15.35	15.26	15.33		
10	64QAM	1	25	15.22	15.18	15.11	17	0
10	64QAM	1	49	15.20	15.13	15.10		
10	64QAM	25	0	15.29	15.30	15.21		
10	64QAM	25	12	15.26	15.14	15.26	17	0
10	64QAM	25	25	15.09	15.16	15.28		
10	64QAM	50	0	15.26	15.21	15.12		
10	256QAM	1	0	15.29	15.42	15.13		
10	256QAM	1	25	15.09	15.26	15.14	17	0
10	256QAM	1	49	15.23	15.21	15.06		
10	256QAM	25	0	15.29	15.38	15.24		
10	256QAM	25	12	15.14	15.09	15.15	17	0
10	256QAM	25	25	15.14	15.31	15.15		
10	256QAM	50	0	15.28	15.25	15.09		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.36	15.45	15.24		
5	QPSK	1	12	15.28	15.29	15.22	17	0
5	QPSK	1	24	15.30	15.39	15.24		
5	QPSK	12	0	15.36	15.35	15.17		
5	QPSK	12	7	15.31	15.25	15.15	17	0
5	QPSK	12	13	15.27	15.31	15.16		
5	QPSK	25	0	15.29	15.37	15.21		
5	16QAM	1	0	15.32	15.26	15.24		
5	16QAM	1	12	15.17	15.11	15.17	17	0
5	16QAM	1	24	15.22	15.23	15.15		
5	16QAM	12	0	15.29	15.22	15.14		
5	16QAM	12	7	15.11	15.26	15.09	17	0
5	16QAM	12	13	15.19	15.24	15.14		
5	16QAM	25	0	15.29	15.28	15.21		
5	64QAM	1	0	15.32	15.32	15.28		
5	64QAM	1	12	15.21	15.17	15.03	17	0
5	64QAM	1	24	15.20	15.13	15.08		
5	64QAM	12	0	15.28	15.27	15.11		
5	64QAM	12	7	15.22	15.11	15.07	17	0
5	64QAM	12	13	15.12	15.24	15.20		
5	64QAM	25	0	15.25	15.18	15.09		
5	256QAM	1	0	15.31	15.36	15.24		
5	256QAM	1	12	15.16	15.29	15.10	17	0
5	256QAM	1	24	15.27	15.25	15.10		
5	256QAM	12	0	15.30	15.30	15.24		
5	256QAM	12	7	15.11	15.07	15.02	17	0
5	256QAM	12	13	15.18	15.32	15.20		
5	256QAM	25	0	15.26	15.28	15.08		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.39	15.40	15.28		
3	QPSK	1	8	15.28	15.34	15.20	17	0
3	QPSK	1	14	15.27	15.33	15.20		
3	QPSK	8	0	15.36	15.32	15.15		
3	QPSK	8	4	15.23	15.23	15.15	17	0
3	QPSK	8	7	15.27	15.28	15.25		
3	QPSK	15	0	15.23	15.37	15.15		
3	16QAM	1	0	15.31	15.29	15.19		
3	16QAM	1	8	15.23	15.20	15.05	17	0
3	16QAM	1	14	15.29	15.20	15.13		
3	16QAM	8	0	15.26	15.15	15.20		
3	16QAM	8	4	15.11	15.29	15.13	17	0
3	16QAM	8	7	15.25	15.31	15.32		
3	16QAM	15	0	15.34	15.26	15.13		
3	64QAM	1	0	15.32	15.31	15.29		
3	64QAM	1	8	15.22	15.12	15.06	17	0
3	64QAM	1	14	15.19	15.15	15.09		
3	64QAM	8	0	15.25	15.26	15.19		
3	64QAM	8	4	15.26	15.12	15.06	17	0
3	64QAM	8	7	15.18	15.24	15.00		
3	64QAM	15	0	15.20	15.26	15.05		
3	256QAM	1	0	15.32	15.40	15.21		
3	256QAM	1	8	15.11	15.27	15.04	17	0
3	256QAM	1	14	15.23	15.20	15.05		
3	256QAM	8	0	15.28	15.31	15.19		
3	256QAM	8	4	15.12	15.04	15.11	17	0
3	256QAM	8	7	15.13	15.27	15.17		
3	256QAM	15	0	15.30	15.20	15.09		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.38	15.44	15.31		
1.4	QPSK	1	3	15.34	15.34	15.11	17	0
1.4	QPSK	1	5	15.35	15.36	15.23		
1.4	QPSK	3	0	15.29	15.32	15.20		
1.4	QPSK	3	1	15.34	15.21	15.17		
1.4	QPSK	3	3	15.27	15.35	15.18		
1.4	QPSK	6	0	15.22	15.32	15.16	17	0
1.4	16QAM	1	0	15.24	15.35	15.19		
1.4	16QAM	1	3	15.23	15.21	15.09		
1.4	16QAM	1	5	15.30	15.22	15.09	17	0
1.4	16QAM	3	0	15.30	15.21	15.19		
1.4	16QAM	3	1	15.11	15.20	15.08		
1.4	16QAM	3	3	15.27	15.21	15.33		
1.4	16QAM	6	0	15.25	15.26	15.20	17	0
1.4	64QAM	1	0	15.33	15.37	15.23		
1.4	64QAM	1	3	15.24	15.20	15.13		
1.4	64QAM	1	5	15.18	15.20	15.14	17	0
1.4	64QAM	3	0	15.24	15.23	15.10		
1.4	64QAM	3	1	15.15	15.16	15.02		
1.4	64QAM	3	3	15.12	15.15	15.19		
1.4	64QAM	6	0	15.17	15.23	15.11	17	0
1.4	256QAM	1	0	15.22	15.34	15.13		
1.4	256QAM	1	3	15.16	15.22	15.13		
1.4	256QAM	1	5	15.26	15.19	15.04	17	0
1.4	256QAM	3	0	15.27	15.29	15.14		
1.4	256QAM	3	1	15.13	15.09	15.02		
1.4	256QAM	3	3	15.08	15.21	15.12		
1.4	256QAM	6	0	15.27	15.24	15.10	17	0

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BW [MHz]	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	17.90	17.94	17.92		
20	QPSK	1	49	17.70	17.90	17.79	19.2	0
20	QPSK	1	99	17.65	17.73	17.82		
20	QPSK	50	0	17.82	17.86	17.78		
20	QPSK	50	24	17.60	17.84	17.71	19.2	0
20	QPSK	50	50	17.61	17.85	17.74		
20	QPSK	100	0	17.83	17.81	17.81		
20	16QAM	1	0	17.80	17.85	17.82		
20	16QAM	1	49	17.63	17.81	17.71	19.2	0
20	16QAM	1	99	17.53	17.77	17.73		
20	16QAM	50	0	17.69	17.73	17.63		
20	16QAM	50	24	17.50	17.72	17.63	19.2	0
20	16QAM	50	50	17.53	17.78	17.67		
20	16QAM	100	0	17.76	17.74	17.69		
20	64QAM	1	0	17.83	17.81	17.87		
20	64QAM	1	49	17.58	17.79	17.70	19.2	0
20	64QAM	1	99	17.61	17.84	17.70		
20	64QAM	50	0	17.73	17.82	17.68		
20	64QAM	50	24	17.51	17.76	17.58	19.2	0
20	64QAM	50	50	17.54	17.78	17.61		
20	64QAM	100	0	17.79	17.71	17.78		
20	256QAM	1	0	17.85	17.86	17.82		
20	256QAM	1	49	17.60	17.85	17.76	19.2	0
20	256QAM	1	99	17.61	17.76	17.69		
20	256QAM	50	0	17.73	17.81	17.71		
20	256QAM	50	24	17.48	17.74	17.61	19.2	0
20	256QAM	50	50	17.52	17.76	17.67		
20	256QAM	100	0	17.74	17.78	17.77		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.80	17.80	17.82		
15	QPSK	1	37	17.56	17.79	17.74	19.2	0
15	QPSK	1	74	17.56	17.82	17.80		
15	QPSK	36	0	17.80	17.77	17.75		
15	QPSK	36	20	17.57	17.72	17.65	19.2	0
15	QPSK	36	39	17.49	17.76	17.67		
15	QPSK	75	0	17.74	17.77	17.76		
15	16QAM	1	0	17.69	17.73	17.70		
15	16QAM	1	37	17.58	17.70	17.59	19.2	0
15	16QAM	1	74	17.40	17.66	17.68		
15	16QAM	36	0	17.61	17.63	17.66		
15	16QAM	36	20	17.47	17.66	17.51	19.2	0
15	16QAM	36	39	17.47	17.67	17.62		
15	16QAM	75	0	17.70	17.68	17.55		
15	64QAM	1	0	17.72	17.70	17.83		
15	64QAM	1	37	17.55	17.69	17.59	19.2	0
15	64QAM	1	74	17.55	17.74	17.62		
15	64QAM	36	0	17.66	17.75	17.56		
15	64QAM	36	20	17.51	17.73	17.54	19.2	0
15	64QAM	36	39	17.52	17.70	17.54		
15	64QAM	75	0	17.71	17.61	17.76		
15	256QAM	1	0	17.82	17.77	17.74		
15	256QAM	1	37	17.51	17.77	17.73	19.2	0
15	256QAM	1	74	17.48	17.84	17.59		
15	256QAM	36	0	17.69	17.73	17.64		
15	256QAM	36	20	17.46	17.68	17.52	19.2	0
15	256QAM	36	39	17.48	17.67	17.54		
15	256QAM	75	0	17.67	17.76	17.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.80	17.81	17.85		
10	QPSK	1	25	17.57	17.83	17.73	19.2	0
10	QPSK	1	49	17.53	17.88	17.71		
10	QPSK	25	0	17.74	17.83	17.67		
10	QPSK	25	12	17.57	17.79	17.62	19.2	0
10	QPSK	25	25	17.55	17.75	17.71		
10	QPSK	50	0	17.83	17.78	17.75		
10	16QAM	1	0	17.76	17.71	17.79		
10	16QAM	1	25	17.56	17.75	17.57	19.2	0
10	16QAM	1	49	17.42	17.65	17.66		
10	16QAM	25	0	17.66	17.67	17.62		
10	16QAM	25	12	17.48	17.62	17.60	19.2	0
10	16QAM	25	25	17.40	17.70	17.56		
10	16QAM	50	0	17.72	17.63	17.59		
10	64QAM	1	0	17.79	17.69	17.76		
10	64QAM	1	25	17.50	17.72	17.67	19.2	0
10	64QAM	1	49	17.49	17.81	17.61		
10	64QAM	25	0	17.70	17.69	17.59		
10	64QAM	25	12	17.50	17.73	17.50	19.2	0
10	64QAM	25	25	17.49	17.65	17.49		
10	64QAM	50	0	17.69	17.67	17.65		
10	256QAM	1	0	17.77	17.79	17.76		
10	256QAM	1	25	17.52	17.76	17.68	19.2	0
10	256QAM	1	49	17.57	17.68	17.64		
10	256QAM	25	0	17.67	17.70	17.58		
10	256QAM	25	12	17.49	17.68	17.49	19.2	0
10	256QAM	25	25	17.44	17.75	17.55		
10	256QAM	50	0	17.70	17.74	17.66		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.77	17.92	17.85		
5	QPSK	1	12	17.58	17.83	17.71	19.2	0
5	QPSK	1	24	17.60	17.83	17.78		
5	QPSK	12	0	17.71	17.73	17.75		
5	QPSK	12	7	17.55	17.78	17.82	19.2	0
5	QPSK	12	13	17.48	17.74	17.67		
5	QPSK	25	0	17.79	17.68	17.69		
5	16QAM	1	0	17.75	17.75	17.70		
5	16QAM	1	12	17.53	17.73	17.67	19.2	0
5	16QAM	1	24	17.43	17.69	17.66		
5	16QAM	12	0	17.61	17.69	17.67		
5	16QAM	12	7	17.47	17.59	17.51	19.2	0
5	16QAM	12	13	17.48	17.57	17.54		
5	16QAM	25	0	17.69	17.69	17.55		
5	64QAM	1	0	17.70	17.70	17.80		
5	64QAM	1	12	17.45	17.66	17.67	19.2	0
5	64QAM	1	24	17.58	17.74	17.56		
5	64QAM	12	0	17.70	17.72	17.56		
5	64QAM	12	7	17.44	17.70	17.56	19.2	0
5	64QAM	12	13	17.42	17.67	17.58		
5	64QAM	25	0	17.70	17.61	17.70		
5	256QAM	1	0	17.72	17.82	17.74		
5	256QAM	1	12	17.52	17.81	17.69	19.2	0
5	256QAM	1	24	17.57	17.74	17.62		
5	256QAM	12	0	17.62	17.72	17.68		
5	256QAM	12	7	17.44	17.68	17.57	19.2	0
5	256QAM	12	13	17.48	17.74	17.63		
5	256QAM	25	0	17.65	17.73	17.68		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.79	17.83	17.79		
3	QPSK	1	8	17.61	17.83	17.76	19.2	0
3	QPSK	1	14	17.60	17.87	17.76		
3	QPSK	8	0	17.74	17.82	17.74		
3	QPSK	8	4	17.51	17.78	17.60	19.2	0
3	QPSK	8	7	17.49	17.80	17.60		
3	QPSK	15	0	17.81	17.71	17.78		
3	16QAM	1	0	17.67	17.71	17.71		
3	16QAM	1	8	17.54	17.78	17.68	19.2	0
3	16QAM	1	14	17.50	17.73	17.67		
3	16QAM	8	0	17.64	17.69	17.66		
3	16QAM	8	4	17.63	17.81	17.52	19.2	0
3	16QAM	8	7	17.48	17.70	17.57		
3	16QAM	15	0	17.63	17.66	17.66		
3	64QAM	1	0	17.74	17.71	17.78		
3	64QAM	1	8	17.51	17.69	17.58	19.2	0
3	64QAM	1	14	17.53	17.73	17.59		
3	64QAM	8	0	17.67	17.78	17.60		
3	64QAM	8	4	17.43	17.63	17.50	19.2	0
3	64QAM	8	7	17.42	17.73	17.58		
3	64QAM	15	0	17.69	17.66	17.75		
3	256QAM	1	0	17.81	17.77	17.71		
3	256QAM	1	8	17.48	17.82	17.66	19.2	0
3	256QAM	1	14	17.49	17.73	17.56		
3	256QAM	8	0	17.61	17.68	17.64		
3	256QAM	8	4	17.45	17.82	17.55	19.2	0
3	256QAM	8	7	17.40	17.76	17.62		
3	256QAM	15	0	17.66	17.75	17.73		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.78	17.84	17.87		
1.4	QPSK	1	3	17.60	17.83	17.74		
1.4	QPSK	1	5	17.54	17.86	17.73	19.2	0
1.4	QPSK	3	0	17.73	17.83	17.71		
1.4	QPSK	3	1	17.54	17.74	17.62		
1.4	QPSK	3	3	17.48	17.80	17.70		
1.4	QPSK	6	0	17.60	17.73	17.74	19.2	0
1.4	16QAM	1	0	17.72	17.82	17.80		
1.4	16QAM	1	3	17.59	17.72	17.62		
1.4	16QAM	1	5	17.41	17.68	17.62	19.2	0
1.4	16QAM	3	0	17.58	17.64	17.59		
1.4	16QAM	3	1	17.46	17.61	17.58		
1.4	16QAM	3	3	17.40	17.74	17.62		
1.4	16QAM	6	0	17.70	17.63	17.64	19.2	0
1.4	64QAM	1	0	17.76	17.73	17.81		
1.4	64QAM	1	3	17.45	17.73	17.62	19.2	0
1.4	64QAM	1	5	17.57	17.77	17.57		
1.4	64QAM	3	0	17.66	17.77	17.60		
1.4	64QAM	3	1	17.49	17.71	17.48		
1.4	64QAM	3	3	17.48	17.76	17.49	19.2	0
1.4	64QAM	6	0	17.75	17.63	17.74		
1.4	256QAM	1	0	17.82	17.73	17.74		
1.4	256QAM	1	3	17.58	17.73	17.71	19.2	0
1.4	256QAM	1	5	17.53	17.69	17.66		
1.4	256QAM	3	0	17.60	17.78	17.58		
1.4	256QAM	3	1	17.41	17.62	17.52		
1.4	256QAM	3	3	17.44	17.72	17.58		
1.4	256QAM	6	0	17.60	17.75	17.66	19.2	0

Band 7 Ant 2 DSI1

BW [MHz]	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	14.94	15.04	15.02		
20	QPSK	1	49	14.89	14.95	14.94	16.5	0
20	QPSK	1	99	14.86	14.93	14.95		
20	QPSK	50	0	14.89	14.96	14.89		
20	QPSK	50	24	14.81	14.83	14.91	16.5	0
20	QPSK	50	50	14.79	14.82	14.92		
20	QPSK	100	0	14.86	14.83	14.92		
20	16QAM	1	0	14.91	14.92	14.88		
20	16QAM	1	49	14.86	14.89	14.84	16.5	0
20	16QAM	1	99	14.81	14.81	14.83		
20	16QAM	50	0	14.78

Band 2 Ant 3 DSI1

BW [MHz]	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	16.68	16.73	16.64	18	0
20	QPSK	1	49	16.59	16.71	16.65		
20	QPSK	1	99	16.58	16.71	16.52		
20	QPSK	50	0	16.58	16.69	16.58		
20	QPSK	50	24	16.50	16.66	16.53	18	0
20	QPSK	50	50	16.47	16.69	16.38		
20	QPSK	100	0	16.55	16.67	16.51		
20	16QAM	1	0	16.65	16.61	16.52		
20	16QAM	1	49	16.45	16.62	16.57	18	0
20	16QAM	1	99	16.46	16.57	16.41		
20	16QAM	50	0	16.54	16.65	16.52		
20	16QAM	50	24	16.46	16.63	16.45	18	0
20	16QAM	50	50	16.35	16.57	16.30		
20	16QAM	100	0	16.56	16.65	16.49		
20	64QAM	1	0	16.58	16.60	16.54		
20	64QAM	1	49	16.49	16.63	16.53	18	0
20	64QAM	1	99	16.56	16.64	16.46		
20	64QAM	50	0	16.52	16.57	16.49		
20	64QAM	50	24	16.47	16.59	16.41	18	0
20	64QAM	50	50	16.40	16.55	16.34		
20	64QAM	100	0	16.63	16.53	16.47		
20	256QAM	1	0	16.60	16.65	16.56		
20	256QAM	1	49	16.45	16.62	16.57	18	0
20	256QAM	1	99	16.48	16.67	16.48		
20	256QAM	50	0	16.50	16.63	16.54		
20	256QAM	50	24	16.37	16.60	16.45	18	0
20	256QAM	50	50	16.41	16.59	16.36		
20	256QAM	100	0	16.57	16.56	16.56		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.60	16.66	16.58	18	0
15	QPSK	1	37	16.53	16.67	16.58		
15	QPSK	1	74	16.49	16.61	16.46		
15	QPSK	36	0	16.49	16.60	16.49		
15	QPSK	36	20	16.37	16.57	16.40	18	0
15	QPSK	36	39	16.45	16.62	16.25		
15	QPSK	75	0	16.52	16.64	16.48		
15	16QAM	1	0	16.60	16.56	16.45	18	0
15	16QAM	1	37	16.36	16.53	16.48		
15	16QAM	1	74	16.37	16.48	16.37		
15	16QAM	36	0	16.45	16.59	16.40		
15	16QAM	36	20	16.41	16.54	16.40	18	0
15	16QAM	36	39	16.27	16.52	16.22		
15	16QAM	75	0	16.52	16.51	16.47		
15	64QAM	1	0	16.44	16.49	16.51		
15	64QAM	1	37	16.37	16.53	16.43	18	0
15	64QAM	1	74	16.42	16.53	16.40		
15	64QAM	36	0	16.46	16.43	16.44		
15	64QAM	36	20	16.36	16.53	16.38	18	0
15	64QAM	36	39	16.32	16.43	16.27		
15	64QAM	75	0	16.50	16.49	16.40		
15	256QAM	1	0	16.57	16.56	16.42		
15	256QAM	1	37	16.37	16.60	16.54	18	0
15	256QAM	1	74	16.41	16.59	16.44		
15	256QAM	36	0	16.40	16.49	16.46		
15	256QAM	36	20	16.33	16.49	16.37	18	0
15	256QAM	36	39	16.35	16.55	16.19		
15	256QAM	75	0	16.47	16.52	16.45		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.63	16.62	16.44	18	0
10	QPSK	1	25	16.57	16.61	16.62		
10	QPSK	1	49	16.56	16.62	16.38		
10	QPSK	25	0	16.56	16.66	16.47		
10	QPSK	25	12	16.38	16.59	16.44	18	0
10	QPSK	25	25	16.43	16.62	16.38		
10	QPSK	50	0	16.55	16.63	16.55		
10	16QAM	1	0	16.54	16.51	16.47		
10	16QAM	1	25	16.34	16.56	16.44	18	0
10	16QAM	1	49	16.44	16.51	16.34		
10	16QAM	25	0	16.43	16.53	16.48		
10	16QAM	25	12	16.36	16.60	16.42	18	0
10	16QAM	25	25	16.22	16.50	16.23		
10	16QAM	50	0	16.53	16.60	16.36		
10	64QAM	1	0	16.54	16.52	16.45		
10	64QAM	1	25	16.37	16.57	16.45	18	0
10	64QAM	1	49	16.49	16.58	16.37		
10	64QAM	25	0	16.44	16.53	16.37		
10	64QAM	25	12	16.40	16.53	16.33	18	0
10	64QAM	25	25	16.28	16.45	16.31		
10	64QAM	50	0	16.54	16.44	16.42		
10	256QAM	1	0	16.49	16.62	16.46		
10	256QAM	1	25	16.42	16.49	16.54	18	0
10	256QAM	1	49	16.44	16.57	16.38		
10	256QAM	25	0	16.42	16.57	16.44		
10	256QAM	25	12	16.27	16.54	16.44	18	0
10	256QAM	25	25	16.31	16.53	16.24		
10	256QAM	50	0	16.51	16.51	16.48		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1897.5		
5	QPSK	1	0	16.61	16.67	16.54	18	0
5	QPSK	1	12	16.47	16.57	16.61		
5	QPSK	1	24	16.54	16.65	16.40		
5	QPSK	12	0	16.47	16.65	16.48		
5	QPSK	12	7	16.46	16.57	16.42	18	0
5	QPSK	12	13	16.35	16.61	16.30		
5	QPSK	25	0	16.54	16.64	16.53		
5	16QAM	1	0	16.52	16.50	16.39		
5	16QAM	1	12	16.40	16.59	16.50	18	0
5	16QAM	1	24	16.34	16.52	16.37		
5	16QAM	12	0	16.51	16.61	16.46		
5	16QAM	12	7	16.37	16.52	16.32	18	0
5	16QAM	12	13	16.28	16.47	16.26		
5	16QAM	25	0	16.43	16.60	16.39		
5	64QAM	1	0	16.46	16.54	16.46	18	0
5	64QAM	1	12	16.44	16.53	16.44		
5	64QAM	1	24	16.30	16.54	16.39		
5	64QAM	12	0	16.41	16.47	16.45		
5	64QAM	12	7	16.34	16.57	16.30	18	0
5	64QAM	12	13	16.26	16.52	16.30		
5	64QAM	25	0	16.41	16.41	16.40		
5	256QAM	1	0	16.48	16.61	16.48	18	0
5	256QAM	1	12	16.34	16.54	16.47		
5	256QAM	1	24	16.43	16.64	16.42		
5	256QAM	12	0	16.38	16.54	16.47		
5	256QAM	12	7	16.23	16.50	16.39	18	0
5	256QAM	12	13	16.35	16.52	16.15		
5	256QAM	25	0	16.51	16.49	16.53		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.59	16.59	16.53	18	0
3	QPSK	1	8	16.54	16.64	16.59		
3	QPSK	1	14	16.49	16.67	16.41		
3	QPSK	8	0	16.52	16.62	16.49		
3	QPSK	8	4	16.41	16.54	16.39	18	0
3	QPSK	8	7	16.38	16.56	16.27		
3	QPSK	15	0	16.61	16.62	16.52		
3	16QAM	1	0	16.57	16.53	16.46	18	0
3	16QAM	1	8	16.32	16.53	16.46		
3	16QAM	1	14	16.43	16.44	16.37		
3	16QAM	8	0	16.47	16.55	16.42	18	0
3	16QAM	8	4	16.32	16.57	16.41		
3	16QAM	8	7	16.31	16.51	16.20		
3	16QAM	15	0	16.46	16.60	16.38		
3	64QAM	1	0	16.44	16.52	16.43	18	0
3	64QAM	1	8	16.40	16.59	16.44		
3	64QAM	1	14	16.51	16.61	16.41		
3	64QAM	8	0	16.50	16.49	16.37	18	0
3	64QAM	8	4	16.36	16.53	16.33		
3	64QAM	8	7	16.36	16.45	16.24		
3	64QAM	15	0	16.50	16.47	16.37		
3	256QAM	1	0	16.49	16.61	16.47	18	0
3	256QAM	1	8	16.36	16.59	16.45		
3	256QAM	1	14	16.43	16.64	16.45		
3	256QAM	8	0	16.39	16.54	16.42	18	0
3	256QAM	8	4	16.24	16.51	16.40		
3	256QAM	8	7	16.34	16.47	16.20		
3	256QAM	15	0	16.47	16.53	16.47		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.59	16.59	16.50	18	0
1.4	QPSK	1	3	16.53	16.60	16.55		
1.4	QPSK	1	5	16.50	16.65	16.49		
1.4	QPSK	3	0	16.46	16.61	16.47		
1.4	QPSK	3	1	16.41	16.53	16.45		
1.4	QPSK	3	3	16.37	16.67	16.31		
1.4	QPSK	6	0	16.56	16.56	16.58	18	0
1.4	16QAM	1	0	16.57	16.49	16.45	18	0
1.4	16QAM	1	3	16.40	16.54	16.51		
1.4	16QAM	1	5	16.33	16.47	16.35		
1.4	16QAM	3	0	16.45	16.55	16.37		
1.4	16QAM	3	1	16.44	16.53	16.33		
1.4	16QAM	3	3	16.26	16.48	16.27		
1.4	16QAM	6	0	16.49	16.52	16.40	18	0
1.4	64QAM	1	0	16.55	16.54	16.51	18	0
1.4	64QAM	1	3	16.39	16.57	16.49		
1.4	64QAM	1	5	16.48	16.59	16.41		
1.4	64QAM	3	0	16.45	16.48	16.44		
1.4	64QAM	3	1	16.44	16.53	16.38		
1.4	64QAM	3	3	16.32	16.44	16.28		
1.4	64QAM	6	0	16.51	16.43	16.40	18	0
1.4	256QAM	1	0	16.52	16.61	16.54	18	0
1.4	256QAM	1	3	16.37	16.58	16.43		
1.4	256QAM	1	5	16.42	16.64	16.37		
1.4	256QAM	3	0	16.42	16.53	16.48		
1.4	256QAM	3	1	16.29	16.57	16.34		
1.4	256QAM	3	3	16.33	16.56	16.20		
1.4	256QAM	6	0	16.51	16.48	16.45	18	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.54	18.69	18.61	19.2	0
20	QPSK	1	49	18.57	18.59	18.61		
20	QPSK	1	99	18.55	18.53	18.58		
20	QPSK	50	0	18.42	18.67	18.57		
20	QPSK	50	24	18.55	18.54	18.50	19.2	0
20	QPSK	50	50	18.50	18.43	18.48		
20	QPSK	100	0	18.56	18.56	18.51		
20	16QAM	1	0	18.50	18.61	18.55		
20	16QAM	1	49	18.48	18.47	18.51	19.2	0
20	16QAM	1	99	18.41	18.41	18.45		
20	16QAM	50	0	18.38	18.50	18.50		
20	16QAM	50	24	18.45	18.52	18.44	19.2	0
20	16QAM	50	50	18.43	18.33	18.40		
20	16QAM	100	0	18.46	18.53	18.47		
20	64QAM	1	0	18.50	18.56	18.52		
20	64QAM	1	49	18.53	18.46	18.52	19.2	0
20	64QAM	1	99	18.44	18.48	18.52		
20	64QAM	50	0	18.32	18.60	18.51		
20	64QAM	50	24	18.47	18.42	18.41	19.2	0
20	64QAM	50	50	18.37	18.30	18.35		
20	64QAM	100	0	18.41	18.61	18.44		
20	256QAM	1	0	18.46	18.59	18.47		
20	256QAM	1	49	18.48	18.50	18.54	19.2	0
20	256QAM	1	99	18.53	18.42	18.53		
20	256QAM	50	0	18.35	18.55	18.43		
20	256QAM	50	24	18.41	18.42	18.46	19.2	0
20	256QAM	50	50	18.44	18.40	18.35		
20	256QAM	100	0	18.38	18.57	18.41		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.52	18.56	18.57	19.2	0
15	QPSK	1	37	18.45	18.55	18.56		
15	QPSK	1	74	18.48	18.41	18.46		
15	QPSK	36	0	18.33	18.60	18.52		
15	QPSK	36	20	18.42	18.45	18.46	19.2	0
15	QPSK	36	39	18.37	18.34	18.45		
15	QPSK	75	0	18.39	18.61	18.38		
15	16QAM	1	0	18.46	18.48	18.46		
15	16QAM	1	37	18.42	18.35	18.43	19.2	0
15	16QAM	1	74	18.34	18.31	18.39		
15	16QAM	36	0	18.26	18.57	18.41		
15	16QAM	36	20	18.34	18.49	18.33	19.2	0
15	16QAM	36	39	18.35	18.24	18.32		
15	16QAM	75	0	18.38	18.41	18.34		
15	64QAM	1	0	18.39	18.52	18.44		
15	64QAM	1	37	18.50	18.33	18.43	19.2	0
15	64QAM	1	74	18.38	18.34	18.42		
15	64QAM	36	0	18.29	18.57	18.46		
15	64QAM	36	20	18.38	18.39	18.28	19.2	0
15	64QAM	36	39	18.30	18.20	18.24		
15	64QAM	75	0	18.33	18.51	18.35		
15	256QAM	1	0	18.34	18.46	18.41		
15	256QAM	1	37	18.35	18.38	18.47	19.2	0
15	256QAM	1	74	18.49	18.40	18.47		
15	256QAM	36	0	18.27	18.45	18.37		
15	256QAM	36	20	18.31	18.34	18.42	19.2	0
15	256QAM	36	39	18.40	18.31	18.30		
15	256QAM	75	0	18.25	18.48	18.32		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.43	18.57	18.56	19.2	0
10	QPSK	1	25	18.47	18.51	18.54		
10	QPSK	1	49	18.41	18.48	18.44		
10	QPSK	25	0	18.29	18.56	18.46		
10	QPSK	25	12	18.52	18.48	18.37	19.2	0
10	QPSK	25	25	18.42	18.52	18.43		
10	QPSK	50	0	18.43	18.57	18.40		
10	16QAM	1	0	18.40	18.50	18.44		
10	16QAM	1	25	18.38	18.36	18.44	19.2	0
10	16QAM	1	49	18.27	18.28	18.33		
10	16QAM	25	0	18.30	18.52	18.40		
10	16QAM	25	12	18.33	18.48	18.37	19.2	0
10	16QAM	25	25	18.32	18.23	18.26		
10	16QAM	50	0	18.37	18.43	18.37		
10	64QAM	1	0	18.37	18.50	18.48		
10	64QAM	1	25	18.39	18.36	18.42	19.2	0
10	64QAM	1	49	18.35	18.39	18.46		
10	64QAM	25	0	18.22	18.50	18.39		
10	64QAM	25	12	18.36	18.32	18.32	19.2	0
10	64QAM	25	25	18.32	18.21	18.28		
10	64QAM	50	0	18.28	18.51	18.35		
10	256QAM	1	0	18.33	18.48	18.35		
10	256QAM	1	25	18.43	18.41	18.43	19.2	0
10	256QAM	1	49	18.50	18.30	18.44		
10	256QAM	25	0	18.26	18.42	18.33		
10	256QAM	25	12	18.27	18.34	18.39	19.2	0
10	256QAM	25	25	18.37	18.27	18.32		
10	256QAM	50	0	18.32	18.48	18.30		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.48	18.56	18.55	19.2	0
5	QPSK	1	12	18.44	18.54	18.50		
5	QPSK	1	24	18.49	18.50	18.54		
5	QPSK	12	0	18.33	18.59	18.47		
5	QPSK	12	7	18.41	18.45	18.39	19.2	0
5	QPSK	12	13	18.45	18.35	18.43		
5	QPSK	25	0	18.40	18.53	18.43		
5	16QAM	1	0	18.27	18.55	18.47		
5	16QAM	1	12	18.40	18.42	18.49	19.2	0
5	16QAM	1	24	18.29	18.38	18.34		
5	16QAM	12	0	18.27	18.55	18.37		
5	16QAM	12	7	18.34	18.41	18.37	19.2	0
5	16QAM	12	13	18.36	18.38	18.38		
5	16QAM	25	0	18.36	18.49	18.45		
5	64QAM	1	0	18.44	18.51	18.46		
5	64QAM	1	12	18.47	18.41	18.42	19.2	0
5	64QAM	1	24	18.41	18.40	18.48		
5	64QAM	12	0	18.25	18.51	18.42		
5	64QAM	12	7	18.33	18.38	18.35	19.2	0
5	64QAM	12	13	18.25	18.21	18.29		
5	64QAM	25	0	18.30	18.51	18.35		
5	256QAM	1	0	18.34	18.57	18.44		
5	256QAM	1	12	18.45	18.38	18.47	19.2	0
5	256QAM	1	24	18.46	18.33	18.44		
5	256QAM	12	0	18.29	18.53	18.32		
5	256QAM	12	7	18.38	18.36	18.40	19.2	0
5	256QAM	12	13	18.32	18.36	18.32		
5	256QAM	25	0	18.28	18.44	18.33		
Channel				19900	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.45	18.55	18.47	19.2	0
3	QPSK	1	8	18.49	18.48	18.55		
3	QPSK	1	14	18.42	18.40	18.49		
3	QPSK	8	0	18.31	18.55	18.46		
3	QPSK	8	4	18.49	18.51	18.47	19.2	0
3	QPSK	8	7	18.40	18.41	18.44		
3	QPSK	15	0	18.46	18.61	18.48		
3	16QAM	1	0	18.46	18.56	18.42		
3	16QAM	1	8	18.40	18.43	18.43	19.2	0
3	16QAM	1	14	18.38	18.33	18.41		
3	16QAM	8	0	18.27	18.48	18.43		
3	16QAM	8	4	18.39	18.39	18.39	19.2	0
3	16QAM	8	7	18.31	18.29	18.33		
3	16QAM	15	0	18.41	18.51	18.41		
3	64QAM	1	0	18.42	18.46	18.44		
3	64QAM	1	8	18.46	18.41	18.40	19.2	0
3	64QAM	1	14	18.38	18.34	18.49		
3	64QAM	8	0	18.19	18.51	18.46		
3	64QAM	8	4	18.36	18.33	18.39	19.2	0
3	64QAM	8	7	18.29	18.23	18.28		
3	64QAM	15	0	18.31	18.48	18.41		
3	256QAM	1	0	18.42	18.46	18.37		
3	256QAM	1	8	18.43	18.44	18.49	19.2	0
3	256QAM	1	14	18.43	18.51	18.40		
3	256QAM	8	0	18.31	18.51	18.40		
3	256QAM	8	4	18.35	18.35	18.37	19.2	0
3	256QAM	8	7	18.32	18.36	18.23		
3	256QAM	15	0	18.26	18.47	18.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.46	18.59	18.56	19.2	0
1.4	QPSK	1	3	18.51	18.51	18.48		
1.4	QPSK	1	5	18.49	18.40	18.48		
1.4	QPSK	3	0	18.39	18.65	18.48		
1.4	QPSK	3	1	18.52	18.50	18.37		
1.4	QPSK	3	3	18.45	18.35	18.39		
1.4	QPSK	6	0	18.38	18.51	18.43	19.2	0
1.4	16QAM	1	0	18.38	18.51	18.50		
1.4	16QAM	1	3	18.39	18.45	18.46		
1.4	16QAM	1	5	18.34	18.28	18.40	19.2	0
1.4	16QAM	3	0	18.26	18.53	18.38		
1.4	16QAM	3	1	18.36	18.49	18.30		
1.4	16QAM	3	3	18.36	18.19	18.33		
1.4	16QAM	6	0	18.42	18.41	18.44	19.2	0
1.4	64QAM	1	0	18.42	18.48	18.48		
1.4	64QAM	1	3	18.40	18.43	18.47		
1.4	64QAM	1	5	18.33	18.36	18.43	19.2	0
1.4	64QAM	3	0	18.21	18.58	18.37		
1.4	64QAM	3	1	18.44	18.39	18.29		
1.4	64QAM	3	3	18.21	18.21	18.29		
1.4	64QAM	6	0	18.33	18.58	18.42	19.2	0
1.4	256QAM	1	0	18.39	18.54	18.41	19.2	0
1.4	256QAM	1	3	18.36	18.45	18.46		
1.4	256QAM	1	5	18.39	18.29	18.43		
1.4	256QAM	3	0	18.24	18.46	18.40		
1.4	256QAM	3	1	18.32	18.35	18.41		
1.4	256QAM	3	3	18.38	18.27	18.27		
1.4	256QAM	6	0	18.33	18.50	18.36	19.2	0

Band 7 Ant 3 DSI1

BW [MHz]	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	16.60	16.63	16.51	17.2	0
20	QPSK	1	49	16.49	16.56	16.48		
20	QPSK	1	99	16.53	16.51	16.44		
20	QPSK	50	0	16.54	16.58	16.46		
20	QPSK	50	24	16.39	16.50	16.36	17.2	0
20	QPSK	50	50	16.44	16.45	16.38		
20	QPSK	100	0	16.55	16.55	16.45		
20	16QAM	1	0	16.57	16.54	16.43		
20	16QAM	1	49	16.41	16.46	16.38	17.2	0
20	16QAM	1	99	16.42	16.42	16.31		
20	16QAM	50	0	16.41

Band 4 Ant 5 DSI1

BW [MHz]	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	24.32	24.43	24.38	25.7	0
20	QPSK	1	49	24.27	24.39	24.33		
20	QPSK	1	99	24.24	24.38	24.30		
20	QPSK	50	0	23.32	23.41	23.33	24.7	1
20	QPSK	50	24	23.33	23.39	23.31		
20	QPSK	50	50	23.24	23.38	23.35		
20	QPSK	100	0	23.30	23.39	23.40		
20	16QAM	1	0	23.38	23.38	23.40	24.7	1
20	16QAM	1	49	23.30	23.44	23.32		
20	16QAM	1	99	23.18	23.33	23.24		
20	16QAM	50	0	22.36	22.38	22.37	23.7	2
20	16QAM	50	24	22.29	22.34	22.30		
20	16QAM	50	50	22.24	22.38	22.39		
20	16QAM	100	0	22.32	22.40	22.35		
20	64QAM	1	0	22.41	22.43	22.44	23.7	2
20	64QAM	1	49	22.33	22.40	22.36		
20	64QAM	1	99	22.24	22.37	22.30		
20	64QAM	50	0	21.30	21.41	21.32	22.7	3
20	64QAM	50	24	21.30	21.37	21.37		
20	64QAM	50	50	21.25	21.42	21.34		
20	64QAM	100	0	21.25	21.38	21.45		
20	256QAM	1	0	19.32	19.41	19.29	20.7	5
20	256QAM	1	49	19.31	19.37	19.35		
20	256QAM	1	99	19.22	19.36	19.37		
20	256QAM	50	0	19.27	19.43	19.35	20.7	5
20	256QAM	50	24	19.39	19.39	19.40		
20	256QAM	50	50	19.25	19.41	19.31		
20	256QAM	100	0	19.21	19.38	19.22		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.25	24.40	24.31	25.7	0
15	QPSK	1	37	24.24	24.36	24.21		
15	QPSK	1	74	24.21	24.34	24.23		
15	QPSK	36	0	23.22	23.31	23.26	24.7	1
15	QPSK	36	20	23.29	23.26	23.17		
15	QPSK	36	39	23.10	23.29	23.21		
15	QPSK	75	0	23.26	23.31	23.28		
15	16QAM	1	0	23.32	23.32	23.28	24.7	1
15	16QAM	1	37	23.16	23.35	23.19		
15	16QAM	1	74	23.08	23.21	23.17		
15	16QAM	36	0	22.33	22.27	22.31	23.7	2
15	16QAM	36	20	22.20	22.30	22.20		
15	16QAM	36	39	22.22	22.36	22.32		
15	16QAM	75	0	22.29	22.27	22.26		
15	64QAM	1	0	22.28	22.33	22.41	23.7	2
15	64QAM	1	37	22.19	22.30	22.33		
15	64QAM	1	74	22.19	22.26	22.19		
15	64QAM	36	0	21.17	21.35	21.26	22.7	3
15	64QAM	36	20	21.20	21.28	21.26		
15	64QAM	36	39	21.22	21.33	21.29		
15	64QAM	75	0	21.12	21.31	21.43		
15	256QAM	1	0	19.20	19.28	19.18	20.7	5
15	256QAM	1	37	19.24	19.34	19.22		
15	256QAM	1	74	19.16	19.33	19.34		
15	256QAM	36	0	19.20	19.37	19.30	20.7	5
15	256QAM	36	20	19.32	19.30	19.33		
15	256QAM	36	39	19.13	19.31	19.23		
15	256QAM	75	0	19.15	19.32	19.17		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.28	24.38	24.33	25.7	0
10	QPSK	1	25	24.14	24.27	24.29		
10	QPSK	1	49	24.16	24.35	24.19		
10	QPSK	25	0	23.26	23.39	23.29	24.7	1
10	QPSK	25	12	23.25	23.36	23.20		
10	QPSK	25	25	23.15	23.24	23.31		
10	QPSK	50	0	23.17	23.26	23.32		
10	16QAM	1	0	23.26	23.35	23.31	24.7	1
10	16QAM	1	25	23.19	23.31	23.19		
10	16QAM	1	49	23.05	23.24	23.12		
10	16QAM	25	0	22.24	22.27	22.28	23.7	2
10	16QAM	25	12	22.16	22.23	22.19		
10	16QAM	25	25	22.10	22.26	22.27		
10	16QAM	50	0	22.23	22.37	22.23		
10	64QAM	1	0	22.35	22.37	22.33	23.7	2
10	64QAM	1	25	22.27	22.31	22.30		
10	64QAM	1	49	22.11	22.24	22.23		
10	64QAM	25	0	21.25	21.29	21.26	22.7	3
10	64QAM	25	12	21.21	21.28	21.30		
10	64QAM	25	25	21.13	21.40	21.23		
10	64QAM	50	0	21.13	21.35	21.37		
10	256QAM	1	0	19.20	19.34	19.22	20.7	5
10	256QAM	1	25	19.22	19.32	19.22		
10	256QAM	1	49	19.10	19.29	19.31		
10	256QAM	25	0	19.23	19.33	19.31	20.7	5
10	256QAM	25	12	19.33	19.32	19.36		
10	256QAM	25	25	19.15	19.30	19.20		
10	256QAM	50	0	19.13	19.28	19.17		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.19	24.37	24.33	25.7	0
5	QPSK	1	12	24.16	24.36	24.21		
5	QPSK	1	24	24.19	24.24	24.18		
5	QPSK	12	0	23.19	23.29	23.26	24.7	1
5	QPSK	12	7	23.20	23.31	23.23		
5	QPSK	12	13	23.14	23.31	23.30		
5	QPSK	25	0	23.28	23.34	23.35		
5	16QAM	1	0	23.27	23.29	23.36	24.7	1
5	16QAM	1	12	23.25	23.41	23.19		
5	16QAM	1	24	23.15	23.19	23.19		
5	16QAM	12	0	22.30	22.34	22.32	23.7	2
5	16QAM	12	7	22.15	22.31	22.20		
5	16QAM	12	13	22.18	22.26	22.26		
5	16QAM	25	0	22.19	22.36	22.27		
5	64QAM	1	0	22.31	22.35	22.41	23.7	2
5	64QAM	1	12	22.23	22.36	22.31		
5	64QAM	1	24	22.12	22.33	22.17		
5	64QAM	12	0	21.19	21.39	21.20	22.7	3
5	64QAM	12	7	21.23	21.26	21.34		
5	64QAM	12	13	21.13	21.32	21.23		
5	64QAM	25	0	21.17	21.35	21.32		
5	256QAM	1	0	19.21	19.29	19.25	20.7	5
5	256QAM	1	12	19.18	19.33	19.28		
5	256QAM	1	24	19.15	19.32	19.32		
5	256QAM	12	0	19.19	19.34	19.29	20.7	5
5	256QAM	12	7	19.30	19.31	19.27		
5	256QAM	12	13	19.18	19.30	19.19		
5	256QAM	25	0	19.15	19.35	19.11		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.19	24.37	24.27	25.7	0
3	QPSK	1	8	24.21	24.32	24.28		
3	QPSK	1	14	24.18	24.35	24.28		
3	QPSK	8	0	23.29	23.39	23.22	24.7	1
3	QPSK	8	4	23.24	23.33	23.28		
3	QPSK	8	7	23.14	23.28	23.32		
3	QPSK	15	0	23.25	23.33	23.34		
3	16QAM	1	0	23.34	23.31	23.35	24.7	1
3	16QAM	1	8	23.19	23.33	23.24		
3	16QAM	1	14	23.14	23.23	23.11		
3	16QAM	8	0	22.24	22.33	22.30	23.7	2
3	16QAM	8	4	22.23	22.26	22.17		
3	16QAM	8	7	22.20	22.25	22.35		
3	16QAM	15	0	22.18	22.36	22.24		
3	64QAM	1	0	22.31	22.39	22.32	23.7	2
3	64QAM	1	8	22.30	22.35	22.32		
3	64QAM	1	14	22.21	22.30	22.25		
3	64QAM	8	0	21.27	21.31	21.21	22.7	3
3	64QAM	8	4	21.18	21.30	21.25		
3	64QAM	8	7	21.17	21.38	21.23		
3	64QAM	15	0	21.12	21.28	21.42		
3	256QAM	1	0	19.27	19.30	19.19	20.7	5
3	256QAM	1	8	19.17	19.33	19.32		
3	256QAM	1	14	19.15	19.25	19.28		
3	256QAM	8	0	19.20	19.31	19.32	20.7	5
3	256QAM	8	4	19.26	19.34	19.31		
3	256QAM	8	7	19.21	19.36	19.26		
3	256QAM	15	0	19.07	19.25	19.09		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.25	24.41	24.35	25.7	0
1.4	QPSK	1	3	24.22	24.27	24.28		
1.4	QPSK	1	5	24.22	24.33	24.24		
1.4	QPSK	3	0	24.14	24.29	24.23		
1.4	QPSK	3	1	24.14	24.17	24.23		
1.4	QPSK	3	3	24.13	24.28	24.12		
1.4	QPSK	6	0	23.26	23.31	23.30	24.7	1
1.4	16QAM	1	0	23.24	23.34	23.26	24.7	1
1.4	16QAM	1	3	23.24	23.39	23.23		
1.4	16QAM	1	5	23.04	23.27	23.16		
1.4	16QAM	3	0	23.14	23.23	23.18		
1.4	16QAM	3	1	23.16	23.25	23.24		
1.4	16QAM	3	3	23.18	23.28	23.13		
1.4	16QAM	6	0	22.20	22.36	22.31	23.7	2
1.4	64QAM	1	0	22.30	22.32	22.40	23.7	2
1.4	64QAM	1	3	22.24	22.26	22.26		
1.4	64QAM	1	5	22.14	22.26	22.25		
1.4	64QAM	3	0	22.09	22.31	22.18		
1.4	64QAM	3	1	22.19	22.25	22.36		
1.4	64QAM	3	3	22.21	22.12	22.18		
1.4	64QAM	6	0	21.19	21.27	21.37	22.7	3
1.4	256QAM	1	0	19.21	19.35	19.22	20.7	5
1.4	256QAM	1	3	19.23	19.26	19.29		
1.4	256QAM	1	5	19.13	19.34	19.33		
1.4	256QAM	3	0	19.22	19.31	19.30		
1.4	256QAM	3	1	19.26	19.33	19.30		
1.4	256QAM	3	3	19.17	19.27	19.21		
1.4	256QAM	6	0	19.07	19.32	19.19	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.08	24.10	24.05	25.5	0
20	QPSK	1	49	24.02	24.08	23.95		
20	QPSK	1	99	24.02	24.05	23.95		
20	QPSK	50	0	23.10	23.15	23.10	24.5	1
20	QPSK	50	24	23.05	23.09	22.99		
20	QPSK	50	50	23.01	23.09	22.90		
20	QPSK	100	0	23.04	23.09	23.01		
20	16QAM	1	0	23.12	23.08	23.01	24.5	1
20	16QAM	1	49	23.07	23.05	22.92		
20	16QAM	1	99	22.96	23.05	23.00		
20	16QAM	50	0	22.12	22.10	22.16	23.5	2
20	16QAM	50	24	22.01	22.03	22.05		
20	16QAM	50	50	21.99	22.13	21.91		
20	16QAM	100	0	22.00	22.04	22.07		
20	64QAM	1	0	22.14	22.08	22.01	23.5	2
20	64QAM	1	49	22.07	22.08	21.95		
20	64QAM	1	99	21.99	22.05	21.99		
20	64QAM	50	0	21.13	21.17	21.10	22.5	3
20	64QAM	50	24	21.00	21.09	20.98		
20	64QAM	50	50	20.98	21.14	20.94		
20	64QAM	100	0	21.04	21.08	21.01		
20	256QAM	1	0	19.11	19.19	19.06	20.5	5
20	256QAM	1	49	19.08	19.05	19.04		
20	256QAM	1	99	19.02	19.06	18.89		
20	256QAM	50	0	19.01	19.03	18.99	20.5	5
20	256QAM	50	24	19.08	19.09	19.01		
20	256QAM	50	50	19.11	19.10	18.97		
20	256QAM	100	0	19.01	19.00	19.01		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.05	23.98	24.01	25.5	0
15	QPSK	1	37	23.96	24.04	23.85		
15	QPSK	1	74	23.89	23.99	23.89		
15	QPSK	36	0	23.07	23.11	23.07	24.5	1
15	QPSK	36	20	22.93	22.97	22.96		
15	QPSK	36	39	22.88	22.98	22.86		
15	QPSK	75	0	23.00	22.96	22.93		
15	16QAM	1	0	23.04	22.97	22.96	24.5	1
15	16QAM	1	37	23.02	23.02	22.82		
15	16QAM	1	74	23.03	22.99	22.90		
15	16QAM	36	0	22.01	22.06	22.09	23.5	2
15	16QAM	36	20	21.88	21.92	22.01		
15	16QAM	36	39	21.89	22.02	21.81		
15	16QAM	75	0	21.95	21.98	21.95		
15	64QAM	1	0	22.04	21.99	21.91	23.5	2
15	64QAM	1	37	22.02	21.96	21.92		
15	64QAM	1	74	21.95	21.96	21.87		
15	64QAM	36	0	21.06	21.07	21.00	22.5	3
15	64QAM	36	20	20.94	20.96	20.87		
15	64QAM	36	39	20.87	21.10	20.81		
15	64QAM	75	0	20.99	20.94	20.91		
15	256QAM	1	0	19.01	19.16	18.98	20.5	5
15	256QAM	1	37	19.04	18.93	18.92		
15	256QAM	1	74	18.91	18.99	18.76		
15	256QAM	36	0	18.99	18.96	18.85	20.5	5
15	256QAM	36	20	18.98	18.99	18.95		
15	256QAM	36	39	18.98	18.97	18.95		
15	256QAM	75	0	18.92	18.89	18.95		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.99	24.01	24.02	25.5	0
10	QPSK	1	25	23.88	24.00	23.83		
10	QPSK	1	49	23.90	24.01	23.91		
10	QPSK	25	0	22.97	23.06	23.05	24.5	1
10	QPSK	25	12	22.93	22.97	22.87		
10	QPSK	25	25	22.88	23.02	22.83		
10	QPSK	50	0	22.92	23.00	22.93		
10	16QAM	1	0	22.99	22.97	22.94	24.5	1
10	16QAM	1	25	23.04	22.98	22.89		
10	16QAM	1	49	22.92	22.94	22.91		
10	16QAM	25	0	22.05	22.01	22.14	23.5	2
10	16QAM	25	12	21.92	21.97	21.98		
10	16QAM	25	25	21.90	21.99	21.84		
10	16QAM	50	0	21.96	21.92	21.95		
10	64QAM	1	0	22.10	21.98	21.91	23.5	2
10	64QAM	1	25	22.03	21.95	21.90		
10	64QAM	1	49	21.91	21.98	21.91		
10	64QAM	25	0	21.00	21.04	21.04	22.5	3
10	64QAM	25	12	20.93	20.97	20.84		
10	64QAM	25	25	20.90	21.02	20.87		
10	64QAM	50	0	21.01	20.99	20.87		
10	256QAM	1	0	19.04	19.13	19.02	20.5	5
10	256QAM	1	25	18.98	18.99	18.99		
10	256QAM	1	49	18.91	18.99	18.81		
10	256QAM	25	0	18.89	19.00	18.95	20.5	5
10	256QAM	25	12	19.00	19.07	18.96		
10	256QAM	25	25	19.04	18.99	18.92		
10	256QAM	50	0	18.96	18.88	18.98		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.95	24.05	23.95	25.5	0
5	QPSK	1	12	23.91	23.99	23.84		
5	QPSK	1	24	23.92	23.93	23.87		
5	QPSK	12	0	22.99	23.06	22.97	24.5	1
5	QPSK	12	7	22.99	22.96	22.89		
5	QPSK	12	13	22.97	23.04	22.79		
5	QPSK	25	0	22.90	23.02	22.88		
5	16QAM	1	0	23.07	22.98	22.88	24.5	1
5	16QAM	1	12	22.98	22.98	22.88		
5	16QAM	1	24	22.85	22.99	22.93		
5	16QAM	12	0	21.99	22.06	22.04	23.5	2
5	16QAM	12	7	21.93	21.98	21.93		
5	16QAM	12	13	21.93	22.00	21.79		
5	16QAM	25	0	21.87	21.95	22.05		
5	64QAM	1	0	22.03	21.95	21.90	23.5	2
5	64QAM	1	12	21.98	22.04	21.87		
5	64QAM	1	24	21.92	22.02	21.93		
5	64QAM	12	0	21.00	21.14	21.02	22.5	3
5	64QAM	12	7	20.93	21.07	20.95		
5	64QAM	12	13	20.94	21.07	20.89		
5	64QAM	25	0	20.98	21.00	20.97		
5	256QAM	1	0	19.08	19.05	18.93	20.5	5
5	256QAM	1	12	18.97	18.99	18.95		
5	256QAM	1	24	18.90	19.00	18.83		
5	256QAM	12	0	18.89	18.96	18.89	20.5	5
5	256QAM	12	7	18.97	19.07	18.98		
5	256QAM	12	13	19.08	19.00	18.91		
5	256QAM	25	0	18.94	18.92	18.91		

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BW [MHz]	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	24.42	24.50	24.49	25.7	0
20	QPSK	1	49	24.38	24.39	24.42		
20	QPSK	1	99	24.32	24.43	24.40		
20	QPSK	50	0	23.39	23.48	23.33	24.7	1
20	QPSK	50	24	23.41	23.45	23.33		
20	QPSK	50	50	23.23	23.38	23.35		
20	QPSK	100	0	23.32	23.40	23.47		
20	16QAM	1	0	23.38	23.40	23.45	24.7	1
20	16QAM	1	49	23.37	23.47	23.32		
20	16QAM	1	99	23.18	23.39	23.34		
20	16QAM	50	0	22.42	22.40	22.40	23.7	2
20	16QAM	50	24	22.36	22.35	22.38		
20	16QAM	50	50	22.28	22.40	22.46		
20	16QAM	100	0	22.37	22.43	22.43		
20	64QAM	1	0	22.50	22.45	22.52	23.7	2
20	64QAM	1	49	22.41	22.48	22.46		
20	64QAM	1	99	22.23	22.43	22.30		
20	64QAM	50	0	21.40	21.48	21.38	22.7	3
20	64QAM	50	24	21.36	21.43	21.38		
20	64QAM	50	50	21.35	21.50	21.38		
20	64QAM	100	0	21.30	21.38	21.51		
20	256QAM	1	0	19.35	19.43	19.35	20.7	5
20	256QAM	1	49	19.33	19.37	19.39		
20	256QAM	1	99	19.30	19.40	19.45		
20	256QAM	50	0	19.32	19.48	19.40	20.7	5
20	256QAM	50	24	19.49	19.44	19.43		
20	256QAM	50	50	19.32	19.47	19.32		
20	256QAM	100	0	19.22	19.44	19.22		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.30	24.46	24.36	25.7	0
15	QPSK	1	37	24.33	24.30	24.29		
15	QPSK	1	74	24.29	24.35	24.29		
15	QPSK	36	0	23.30	23.46	23.20	24.7	1
15	QPSK	36	20	23.37	23.31	23.19		
15	QPSK	36	39	23.13	23.30	23.24		
15	QPSK	75	0	23.22	23.36	23.40		
15	16QAM	1	0	23.36	23.30	23.40	24.7	1
15	16QAM	1	37	23.33	23.35	23.21		
15	16QAM	1	74	23.08	23.35	23.25		
15	16QAM	36	0	22.35	22.28	22.33	23.7	2
15	16QAM	36	20	22.26	22.28	22.25		
15	16QAM	36	39	22.16	22.34	22.40		
15	16QAM	75	0	22.28	22.34	22.40		
15	64QAM	1	0	22.40	22.34	22.47	23.7	2
15	64QAM	1	37	22.28	22.43	22.35		
15	64QAM	1	74	22.12	22.37	22.17		
15	64QAM	36	0	21.29	21.45	21.29	22.7	3
15	64QAM	36	20	21.30	21.30	21.26		
15	64QAM	36	39	21.25	21.42	21.29		
15	64QAM	75	0	21.19	21.28	21.48		
15	256QAM	1	0	19.33	19.31	19.30	20.7	5
15	256QAM	1	37	19.20	19.31	19.28		
15	256QAM	1	74	19.21	19.29	19.42		
15	256QAM	36	0	19.18	19.36	19.30	20.7	5
15	256QAM	36	20	19.45	19.41	19.30		
15	256QAM	36	39	19.22	19.34	19.24		
15	256QAM	75	0	19.17	19.32	19.13		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.26	24.37	24.39	25.7	0
10	QPSK	1	25	24.30	24.29	24.39		
10	QPSK	1	49	24.20	24.34	24.33		
10	QPSK	25	0	23.30	23.45	23.24	24.7	1
10	QPSK	25	12	23.28	23.34	23.22		
10	QPSK	25	25	23.19	23.32	23.28		
10	QPSK	50	0	23.30	23.38	23.34		
10	16QAM	1	0	23.28	23.29	23.34	24.7	1
10	16QAM	1	25	23.35	23.38	23.21		
10	16QAM	1	49	23.09	23.37

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BW [MHz]	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	16.23	16.25	16.11	17.5	0
20	QPSK	1	49	16.14	16.10	16.13		
20	QPSK	1	99	16.05	16.08	16.06		
20	QPSK	50	0	16.17	16.22	16.06	17.5	0
20	QPSK	50	24	16.10	16.03	16.08		
20	QPSK	50	50	15.94	16.05	16.01		
20	QPSK	100	0	16.14	16.16	16.03		
20	16QAM	1	0	16.13	16.15	16.01	17.5	0
20	16QAM	1	49	16.11	16.00	16.11		
20	16QAM	1	99	15.93	15.95	15.93		
20	16QAM	50	0	16.12	16.15	15.99	17.5	0
20	16QAM	50	24	16.03	16.00	15.99		
20	16QAM	50	50	15.82	15.96	15.94		
20	16QAM	100	0	16.04	16.13	15.92		
20	64QAM	1	0	16.20	16.11	16.01	17.5	0
20	64QAM	1	49	16.12	15.98	16.00		
20	64QAM	1	99	15.97	16.04	15.97		
20	64QAM	50	0	16.14	16.09	15.98	17.5	0
20	64QAM	50	24	16.01	15.96	15.98		
20	64QAM	50	50	15.89	15.93	15.96		
20	64QAM	100	0	16.01	16.04	15.89		
20	256QAM	1	0	16.17	16.13	16.04	17.5	0
20	256QAM	1	49	16.04	16.03	16.00		
20	256QAM	1	99	16.03	15.99	15.94		
20	256QAM	50	0	16.08	16.17	15.94	17.5	0
20	256QAM	50	24	15.96	15.89	16.01		
20	256QAM	50	50	15.89	16.02	15.90		
20	256QAM	100	0	16.06	16.11	15.96		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.14	16.22	16.08	17.5	0
15	QPSK	1	37	16.02	16.03	16.04		
15	QPSK	1	74	15.92	15.97	16.03		
15	QPSK	36	0	16.09	16.15	16.04	17.5	0
15	QPSK	36	20	15.98	15.96	16.01		
15	QPSK	36	39	15.84	15.96	15.95		
15	QPSK	75	0	16.01	16.07	15.89		
15	16QAM	1	0	16.06	16.10	15.98	17.5	0
15	16QAM	1	37	16.01	15.90	15.97		
15	16QAM	1	74	15.86	15.89	15.81		
15	16QAM	36	0	16.05	16.05	15.88	17.5	0
15	16QAM	36	20	15.98	15.97	15.85		
15	16QAM	36	39	15.79	15.90	15.89		
15	16QAM	75	0	15.92	16.08	15.82		
15	64QAM	1	0	16.15	15.98	15.92	17.5	0
15	64QAM	1	37	16.00	15.87	15.95		
15	64QAM	1	74	15.89	15.92	15.94		
15	64QAM	36	0	16.09	16.07	15.92	17.5	0
15	64QAM	36	20	15.92	15.94	15.90		
15	64QAM	36	39	15.83	15.88	15.90		
15	64QAM	75	0	15.91	15.92	15.79		
15	256QAM	1	0	16.14	16.09	15.97	17.5	0
15	256QAM	1	37	15.92	15.92	15.93		
15	256QAM	1	74	16.01	15.93	15.89		
15	256QAM	36	0	16.01	16.14	15.81	17.5	0
15	256QAM	36	20	15.90	15.84	15.98		
15	256QAM	36	39	15.78	15.99	15.84		
15	256QAM	75	0	15.93	15.99	15.88		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.09	16.13	16.06	17.5	0
10	QPSK	1	25	16.05	16.01	16.11		
10	QPSK	1	49	16.00	15.99	16.01		
10	QPSK	25	0	16.06	16.19	15.97	17.5	0
10	QPSK	25	12	16.04	15.99	15.99		
10	QPSK	25	25	15.85	15.97	15.98		
10	QPSK	50	0	16.03	16.09	15.94		
10	16QAM	1	0	16.11	16.01	15.96	17.5	0
10	16QAM	1	25	16.03	15.86	16.05		
10	16QAM	1	49	15.91	15.86	15.83		
10	16QAM	25	0	16.07	16.08	15.88	17.5	0
10	16QAM	25	12	15.95	15.90	15.86		
10	16QAM	25	25	15.79	15.88	15.85		
10	16QAM	50	0	15.92	16.11	15.89		
10	64QAM	1	0	16.06	16.03	15.91	17.5	0
10	64QAM	1	25	16.00	15.85	15.98		
10	64QAM	1	49	15.89	15.92	15.86		
10	64QAM	25	0	16.02	16.05	15.90	17.5	0
10	64QAM	25	12	15.90	15.92	15.90		
10	64QAM	25	25	15.81	15.87	15.84		
10	64QAM	50	0	15.88	15.97	15.80		
10	256QAM	1	0	16.10	16.01	15.99	17.5	0
10	256QAM	1	25	15.98	15.99	15.90		
10	256QAM	1	49	15.94	15.87	15.89		
10	256QAM	25	0	16.02	16.11	15.81	17.5	0
10	256QAM	25	12	15.90	15.80	15.97		
10	256QAM	25	25	15.77	15.92	15.80		
10	256QAM	50	0	16.00	16.05	15.88		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.09	16.16	16.04	17.5	0
5	QPSK	1	12	16.01	16.01	16.05		
5	QPSK	1	24	15.93	15.99	15.94		
5	QPSK	12	0	16.14	16.17	15.95	17.5	0
5	QPSK	12	7	15.96	15.97	15.96		
5	QPSK	12	13	15.82	15.99	15.97		
5	QPSK	25	0	16.10	16.05	15.97		
5	16QAM	1	0	16.04	16.01	15.95	17.5	0
5	16QAM	1	12	16.06	15.90	16.06		
5	16QAM	1	24	15.90	15.92	15.81		
5	16QAM	12	0	16.07	16.02	15.86	17.5	0
5	16QAM	12	7	15.99	15.95	15.88		
5	16QAM	12	13	15.76	15.94	15.83		
5	16QAM	25	0	15.93	16.00	15.89		
5	64QAM	1	0	16.15	16.03	15.89	17.5	0
5	64QAM	1	12	16.08	15.86	15.92		
5	64QAM	1	24	15.85	15.98	15.85		
5	64QAM	12	0	16.00	16.01	15.85	17.5	0
5	64QAM	12	7	15.98	15.90	15.93		
5	64QAM	12	13	15.86	15.90	15.82		
5	64QAM	25	0	15.95	15.97	15.84		
5	256QAM	1	0	16.04	16.10	16.01	17.5	0
5	256QAM	1	12	15.96	15.95	15.91		
5	256QAM	1	24	15.99	15.94	15.84		
5	256QAM	12	0	15.99	16.12	15.85	17.5	0
5	256QAM	12	7	15.87	15.85	15.93		
5	256QAM	12	13	15.86	15.98	15.83		
5	256QAM	25	0	15.95	16.00	15.83		

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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	16.10	16.15	16.17	16.07	15.97	17.5	0
20	QPSK	1	49	16.05	16.10	16.16	16.00	15.83		
20	QPSK	1	99	15.98	15.95	16.08	16.02	15.96		
20	QPSK	50	0	16.07	16.06	16.14	16.00	15.92	17.5	0
20	QPSK	50	24	16.01	16.02	16.04	15.87	15.80		
20	QPSK	50	50	15.87	15.87	15.97	15.92	15.87		
20	QPSK	100	0	16.03	16.07	16.13	16.04	15.88		
20	16QAM	1	0	16.06	16.11	16.07	16.02	15.94	17.5	0
20	16QAM	1	49	15.94	16.01	16.07	15.88	15.73		
20	16QAM	1	99	15.94	15.90	15.96	15.94	15.86		
20	16QAM	50	0	15.96	15.99	16.01	15.91	15.86	17.5	0
20	16QAM	50	24	15.93	15.88	15.95	15.80	15.71		
20	16QAM	50	50	15.76	15.79	15.94	15.88	15.81		
20	16QAM	100	0	15.91	16.04	16.02	15.99	15.82		
20	64QAM	1	0	16.05	16.04	16.08	16.02	15.94	17.5	0
20	64QAM	1	49	16.00	16.02	16.11	15.91	15.74		
20	64QAM	1	99	15.93	15.83	16.04	15.92	15.88		
20	64QAM	50	0	16.05	15.94	16.03	15.98	15.81	17.5	0
20	64QAM	50	24	15.99	15.97	16.01	15.74	15.73		
20	64QAM	50	50	15.82	15.78	15.89	15.90	15.78		
20	64QAM	100	0	15.92	16.00	16.00	15.97	15.78		
20	256QAM	1	0	15.98	16.06	16.10	16.01	15.86	17.5	0
20	256QAM	1	49	15.99	16.01	16.02	15.93	15.78		
20	256QAM	1	99	15.90	15.87	16.00	15.88	15.93		
20	256QAM	50	0	15.95	16.04	16.04	15.95	15.82	17.5	0
20	256QAM	50	24	15.87	15.96	15.93	15.74	15.77		
20	256QAM	50	50	15.76	15.79	15.89	15.83	15.73		
20	256QAM	100	0	15.92	15.95	16.00	15.92	15.76		
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	16.07	16.04	16.08	15.99	15.86	17.50	0
15	QPSK	1	37	15.96	15.97	16.02	15.89	15.69		
15	QPSK	1	74	15.95	15.89	15.96	15.92	15.94		
15	QPSK	36	0	16.02	16.01	16.07	15.88	15.83	17.5	0
15	QPSK	36	20	15.98	15.97	15.92	15.73	15.74		
15	QPSK	36	39	15.75	15.81	15.87	15.82	15.82		
15	QPSK	75	0	15.89	16.03	16.04	15.95	15.77		
15	16QAM	1	0	15.94	15.99	16.01	15.99	15.89	17.5	0
15	16QAM	1	37	15.89	15.95	15.99	15.83	15.63		
15	16QAM	1	74	15.88	15.83	15.83	15.81	15.79		
15	16QAM	36	0	15.93	15.88	15.89	15.86	15.77	17.5	0
15	16QAM	36	20	15.83	15.79	15.92	15.77	15.66		
15	16QAM	36	39	15.72	15.75	15.89	15.84	15.74		
15	16QAM	75	0	15.87	15.94	15.96	15.87	15.79		
15	64QAM	1	0	16.00	15.97	16.05	15.96	15.80	17.5	0
15	64QAM	1	37	15.93	15.93	16.03	15.81	15.60		
15	64QAM	1	74	15.84	15.78	15.93	15.80	15.74		
15	64QAM	36	0	15.99	15.91	15.90	15.91	15.70	17.5	0
15	64QAM	36	20	15.85	15.84	15.96	15.71	15.70		
15	64QAM	36	39	15.73	15.69	15.86	15.87	15.69		
15	64QAM	75	0	15.87	15.88	15.93	15.90	15.68		
15	256QAM	1	0	15.92	15.94	16.06	15.87	15.84	17.5	0
15	256QAM	1	37	15.90	15.88	15.94	15.80	15.71		
15	256QAM	1	74	15.80	15.77	15.94	15.82	15.79		
15	256QAM	36	0	15.86	15.97	15.94	15.85	15.71	17.5	0
15	256QAM	36	20	15.81	15.82	15.85	15.67	15.71		
15	256QAM	36	39	15.73	15.76	15.85	15.69	15.71		
15	256QAM	75	0	15.88	15.91	15.91	15.79	15.68		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.08	16.03	16.12	15.97	15.91	17.50	0
10	QPSK	1	25	15.92	16.05	16.03	15.91	15.79		
10	QPSK	1	49	15.87	15.86	15.97	15.91	15.88		
10	QPSK	25	0	16.00	15.98	16.04	15.87	15.80	17.5	0
10	QPSK	25	12	15.95	15.94	15.94	15.84	15.76		
10	QPSK	25	25	15.74	15.81	15.92	15.79	15.85		
10	QPSK	50	0	16.00	16.03	16.03	15.97	15.77		
10	16QAM	1	0	16.04	16.05	16.02	15.95	15.86	17.5	0
10	16QAM	1	25	15.92	15.89	16.03	15.79	15.68		
10	16QAM	1	49	15.82	15.82	15.88	15.84	15.75		
10	16QAM	25	0	15.83	15.95	15.98	15.78	15.73	17.5	0
10	16QAM	25	12	15.87	15.77	15.88	15.78	15.64		
10	16QAM	25	25	15.62	15.69	15.91	15.82	15.70		
10	16QAM	50	0	15.79	15.96	15.93	15.89	15.72		
10	64QAM	1	0	15.93	15.91	16.01	15.95	15.90	17.5	0
10	64QAM	1	25	15.96	15.89	16.05	15.88	15.64		
10	64QAM	1	49	15.88	15.72	15.92	15.82	15.84		
10	64QAM	25	0	15.99	15.85	15.92	15.87	15.74	17.5	0
10	64QAM	25	12	15.91	15.87	15.89	15.66	15.65		
10	64QAM	25	25	15.74	15.70	15.83	15.83	15.68		
10	64QAM	50	0	15.79	15.87	15.87	15.93	15.74		
10	256QAM	1	0	15.88	15.95	15.98	15.94	15.81	17.5	0
10	256QAM	1	25	15.94	15.95	15.96	15.88	15.69		
10	256QAM	1	49	15.85	15.77	15.96	15.77	15.83		
10	256QAM	25	0	15.89	15.91	15.98	15.85	15.75	17.5	0
10	256QAM	25	12	15.76	15.90	15.91	15.61	15.71		
10	256QAM	25	25	15.74	15.73	15.75	15.72	15.66		
10	256QAM	50	0	15.78	15.90	15.90	15.82	15.72		
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	16.02	16.12	16.11	15.96	15.84	17.50	0
5	QPSK	1	12	16.02	16.03	16.08	15.95	15.71		
5	QPSK	1	24	15.88	15.87	15.97	15.90	15.85		
5	QPSK	12	0	16.01	15.92	16.03	15.95	15.84	17.5	0
5	QPSK	12	7	15.92	15.99	15.94	15.83	15.70		
5	QPSK	12	13	15.78	15.77	15.93	15.83	15.76		
5	QPSK	25	0	15.97	15.95	16.10	15.97	15.83		
5	16QAM	1	0	15.95	16.08	15.99	15.92	15.81	17.5	0
5	16QAM	1	12	15.84	15.94	15.93	15.85	15.59		
5	16QAM	1	24	15.83	15.76	15.93	15.88	15.73		
5	16QAM	12	0	15.88	15.92	15.89	15.85	15.78	17.5	0
5	16QAM	12	7	15.86	15.85	15.84	15.73	15.61		
5	16QAM	12	13	15.64	15.72	15.86	15.81	15.70		
5	16QAM	25	0	15.85	15.92	15.96	15.95	15.74		
5	64QAM	1	0	16.01	15.92	15.98	15.98	15.86	17.5	0
5	64QAM	1	12	15.88	15.94	16.05	15.86	15.70		
5	64QAM	1	24	15.83	15.81	15.92	15.83	15.81		
5	64QAM	12	0	15.95	15.86	16.00	15.96	15.73	17.5	0
5	64QAM	12	7	15.92	15.92	15.93	15.69	15.60		
5	64QAM	12	13	15.73	15.75	15.85	15.78	15.73		
5	64QAM	25	0	15.82	15.95	15.92	15.85	15.66		
5	256QAM	1	0	15.91	15.93	16.05	15.98	15.80	17.5	0
5	256QAM	1	12	15.94	15.98	15.91	15.83	15.75		
5	256QAM	1	24	15.85	15.79	15.88	15.77	15.89		
5	256QAM	12	0	15.83	15.92	16.02	15.82	15.69	17.5	0
5	256QAM	12	7	15.78	15.82	15.86	15.65	15.72		
5	256QAM	12	13	15.72	15.69	15.79	15.74	15.64		
5	256QAM	25	0	15.81	15.91	15.91	15.88	15.68		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.45	18.46	18.40		
20	QPSK	1	49	18.34	18.43	18.37	18.7	0
20	QPSK	1	99	18.39	18.40	18.34		
20	QPSK	50	0	18.32	18.40	18.32		
20	QPSK	50	24	18.21	18.40	18.29	18.7	0
20	QPSK	50	50	18.35	18.33	18.25		
20	QPSK	100	0	18.33	18.37	18.31		
20	16QAM	1	0	18.37	18.38	18.37		
20	16QAM	1	49	18.31	18.40	18.34	18.7	0
20	16QAM	1	99	18.36	18.29	18.28		
20	16QAM	50	0	18.25	18.34	18.23		
20	16QAM	50	24	18.08	18.29	18.23	18.7	0
20	16QAM	50	50	18.27	18.29	18.14		
20	16QAM	100	0	18.26	18.25	18.27		
20	64QAM	1	0	18.32	18.39	18.32		
20	64QAM	1	49	18.27	18.33	18.33	18.7	0
20	64QAM	1	99	18.36	18.27	18.25		
20	64QAM	50	0	18.27	18.32	18.19		
20	64QAM	50	24	18.11	18.33	18.18	18.7	0
20	64QAM	50	50	18.27	18.27	18.18		
20	64QAM	100	0	18.29	18.33	18.21		
20	256QAM	1	0	18.39	18.37	18.35		
20	256QAM	1	49	18.26	18.31	18.34	18.7	0
20	256QAM	1	99	18.33	18.32	18.29		
20	256QAM	50	0	18.21	18.27	18.24		
20	256QAM	50	24	18.15	18.34	18.20	18.7	0
20	256QAM	50	50	18.24	18.26	18.11		
20	256QAM	100	0	18.24	18.32	18.22		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.32	18.39	18.27		
15	QPSK	1	37	18.28	18.35	18.24	18.7	0
15	QPSK	1	74	18.36	18.30	18.21		
15	QPSK	36	0	18.25	18.32	18.21		
15	QPSK	36	20	18.07	18.34	18.27	18.7	0
15	QPSK	36	39	18.21	18.27	18.22		
15	QPSK	75	0	18.22	18.31	18.27		
15	16QAM	1	0	18.34	18.28	18.31		
15	16QAM	1	37	18.20	18.32	18.23	18.7	0
15	16QAM	1	74	18.31	18.17	18.22		
15	16QAM	36	0	18.19	18.27	18.15		
15	16QAM	36	20	17.94	18.24	18.13	18.7	0
15	16QAM	36	39	18.25	18.18	18.01		
15	16QAM	75	0	18.22	18.12	18.24		
15	64QAM	1	0	18.24	18.36	18.28		
15	64QAM	1	37	18.25	18.21	18.21	18.7	0
15	64QAM	1	74	18.30	18.22	18.14		
15	64QAM	36	0	18.23	18.24	18.06		
15	64QAM	36	20	18.03	18.22	18.14	18.7	0
15	64QAM	36	39	18.19	18.19	18.09		
15	64QAM	75	0	18.25	18.24	18.11		
15	256QAM	1	0	18.32	18.30	18.23		
15	256QAM	1	37	18.20	18.28	18.22	18.7	0
15	256QAM	1	74	18.30	18.21	18.16		
15	256QAM	36	0	18.10	18.15	18.11		
15	256QAM	36	20	18.07	18.25	18.17	18.7	0
15	256QAM	36	39	18.18	18.21	18.06		
15	256QAM	75	0	18.15	18.22	18.18		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.33	18.41	18.28		
10	QPSK	1	25	18.25	18.32	18.28	18.7	0
10	QPSK	1	49	18.33	18.28	18.27		
10	QPSK	25	0	18.27	18.38	18.21		
10	QPSK	25	12	18.09	18.33	18.25	18.7	0
10	QPSK	25	25	18.31	18.26	18.19		
10	QPSK	50	0	18.23	18.35	18.24		
10	16QAM	1	0	18.34	18.27	18.24		
10	16QAM	1	25	18.22	18.34	18.31	18.7	0
10	16QAM	1	49	18.30	18.26	18.22		
10	16QAM	25	0	18.21	18.28	18.09		
10	16QAM	25	12	18.02	18.15	18.10	18.7	0
10	16QAM	25	25	18.19	18.18	18.05		
10	16QAM	50	0	18.18	18.22	18.19		
10	64QAM	1	0	18.27	18.30	18.18		
10	64QAM	1	25	18.13	18.24	18.22	18.7	0
10	64QAM	1	49	18.23	18.20	18.18		
10	64QAM	25	0	18.16	18.24	18.06		
10	64QAM	25	12	18.01	18.31	18.15	18.7	0
10	64QAM	25	25	18.23	18.18	18.13		
10	64QAM	50	0	18.25	18.20	18.12		
10	256QAM	1	0	18.32	18.29	18.23		
10	256QAM	1	25	18.14	18.18	18.26	18.7	0
10	256QAM	1	49	18.21	18.29	18.17		
10	256QAM	25	0	18.14	18.13	18.21		
10	256QAM	25	12	18.09	18.27	18.10	18.7	0
10	256QAM	25	25	18.12	18.13	18.06		
10	256QAM	50	0	18.16	18.20	18.16		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.36	18.40	18.28		
5	QPSK	1	12	18.30	18.41	18.29	18.7	0
5	QPSK	1	24	18.31	18.31	18.29		
5	QPSK	12	0	18.30	18.31	18.28		
5	QPSK	12	7	18.16	18.36	18.20	18.7	0
5	QPSK	12	13	18.22	18.28	18.14		
5	QPSK	25	0	18.26	18.32	18.19		
5	16QAM	1	0	18.34	18.30	18.31		
5	16QAM	1	12	18.25	18.29	18.24	18.7	0
5	16QAM	1	24	18.33	18.20	18.15		
5	16QAM	12	0	18.18	18.31	18.16		
5	16QAM	12	7	18.02	18.24	18.19	18.7	0
5	16QAM	12	13	18.15	18.26	18.11		
5	16QAM	25	0	18.24	18.21	18.15		
5	64QAM	1	0	18.27	18.25	18.20		
5	64QAM	1	12	18.19	18.25	18.27	18.7	0
5	64QAM	1	24	18.28	18.16	18.13		
5	64QAM	12	0	18.22	18.22	18.10		
5	64QAM	12	7	18.09	18.21	18.08	18.7	0
5	64QAM	12	13	18.23	18.22	18.06		
5	64QAM	25	0	18.17	18.22	18.15		
5	256QAM	1	0	18.31	18.34	18.30		
5	256QAM	1	12	18.21	18.25	18.27	18.7	0
5	256QAM	1	24	18.28	18.19	18.21		
5	256QAM	12	0	18.17	18.14	18.12		
5	256QAM	12	7	18.09	18.23	18.06	18.7	0
5	256QAM	12	13	18.12	18.21	18.04		
5	256QAM	25	0	18.13	18.24	18.10		

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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	18.39	18.30	18.50	18.20	18.32		
20	QPSK	1	49	18.23	18.14	18.42	18.21	18.23	18.7	0
20	QPSK	1	99	18.35	18.29	18.36	18.19	18.17		
20	QPSK	50	0	18.31	18.25	18.45	18.17	18.18		
20	QPSK	50	24	18.09	18.05	18.39	18.15	18.14	18.7	0
20	QPSK	50	50	18.22	18.20	18.24	18.17	18.12		
20	QPSK	100	0	18.31	18.22	18.43	18.07	18.18		
20	16QAM	1	0	18.30	18.21	18.40	18.15	18.20		
20	16QAM	1	49	18.18	18.00	18.32	18.19	18.18	18.7	0
20	16QAM	1	99	18.28	18.16	18.33	18.10	18.06		
20	16QAM	50	0	18.28	18.12	18.34	18.04	18.15		
20	16QAM	50	24	18.01	18.00	18.28	18.08	18.11	18.7	0
20	16QAM	50	50	18.19	18.09	18.14	18.12	17.99		
20	16QAM	100	0	18.25	18.09	18.38	18.03	18.11		
20	64QAM	1	0	18.35	18.21	18.41	18.13	18.20		
20	64QAM	1	49	18.10	18.09	18.37	18.11	18.19	18.7	0
20	64QAM	1	99	18.27	18.18	18.29	18.14	18.04		
20	64QAM	50	0	18.23	18.13	18.35	18.10	18.07		
20	64QAM	50	24	18.02	17.99	18.33	18.02	18.00	18.7	0
20	64QAM	50	50	18.10	18.07	18.22	18.03	18.05		
20	64QAM	100	0	18.24	18.08	18.35	17.96	18.12		
20	256QAM	1	0	18.35	18.25	18.38	18.15	18.29		
20	256QAM	1	49	18.20	18.04	18.37	18.07	18.19	18.7	0
20	256QAM	1	99	18.33	18.18	18.34	18.06	18.14		
20	256QAM	50	0	18.24	18.20	18.40	18.05	18.11		
20	256QAM	50	24	17.98	17.93	18.35	18.06	18.08	18.7	0
20	256QAM	50	50	18.11	18.06	18.22	18.12	18.03		
20	256QAM	100	0	18.23	18.10	18.39	18.00	18.08		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.35	18.26	18.37	18.06	18.22		
15	QPSK	1	37	18.13	18.01	18.30	18.17	18.17	18.70	0
15	QPSK	1	74	18.28	18.20	18.28	18.07	18.08		
15	QPSK	36	0	18.20	18.11	18.33	18.13	18.12		
15	QPSK	36	20	17.99	17.96	18.35	18.06	18.01	18.7	0
15	QPSK	36	39	18.14	18.09	18.19	18.03	18.05		
15	QPSK	75	0	18.27	18.11	18.40	17.94	18.16		
15	16QAM	1	0	18.20	18.13	18.32	18.10	18.07		
15	16QAM	1	37	18.07	17.97	18.29	18.15	18.12	18.7	0
15	16QAM	1	74	18.19	18.13	18.20	18.00	17.96		
15	16QAM	36	0	18.17	18.07	18.28	18.00	18.11		
15	16QAM	36	20	17.89	17.93	18.17	18.03	18.08	18.7	0
15	16QAM	36	39	18.16	18.00	18.05	17.98	17.95		
15	16QAM	75	0	18.11	17.97	18.27	17.91	18.06		
15	64QAM	1	0	18.32	18.11	18.32	18.04	18.07		
15	64QAM	1	37	17.97	17.98	18.34	18.07	18.16	18.7	0
15	64QAM	1	74	18.24	18.11	18.16	18.04	17.92		
15	64QAM	36	0	18.10	18.07	18.30	18.00	17.95		
15	64QAM	36	20	17.96	17.90	18.19	18.00	17.97	18.7	0
15	64QAM	36	39	18.01	17.94	18.18	17.92	18.03		
15	64QAM	75	0	18.11	17.99	18.24	17.91	18.06		
15	256QAM	1	0	18.26	18.16	18.25	18.03	18.24		
15	256QAM	1	37	18.15	17.97	18.31	17.97	18.12	18.7	0
15	256QAM	1	74	18.22	18.11	18.23	18.04	18.00		
15	256QAM	36	0	18.18	18.09	18.29	17.97	18.06		
15	256QAM	36	20	17.84	17.91	18.25	18.03	18.03	18.7	0
15	256QAM	36	39	18.01	17.94	18.10	18.09	17.97		
15	256QAM	75	0	18.13	17.99	18.36	17.93	18.05		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.33	18.18	18.46	18.12	18.23		
10	QPSK	1	25	18.19	18.01	18.30	18.09	18.19	18.70	0
10	QPSK	1	49	18.31	18.24	18.23	18.12	18.14		
10	QPSK	25	0	18.25	18.12	18.31	18.09	18.13		
10	QPSK	25	12	18.06	18.02	18.28	18.04	18.02	18.7	0
10	QPSK	25	25	18.16	18.12	18.13	18.14	18.08		
10	QPSK	50	0	18.27	18.19	18.34	18.00	18.11		
10	16QAM	1	0	18.21	18.14	18.36	18.08	18.06		
10	16QAM	1	25	18.11	17.93	18.26	18.09	18.08	18.7	0
10	16QAM	1	49	18.23	18.05	18.23	18.02	18.00		
10	16QAM	25	0	18.24	18.10	18.29	17.92	18.08		
10	16QAM	25	12	17.98	17.91	18.15	18.04	18.08	18.7	0
10	16QAM	25	25	18.07	17.98	18.06	18.04	17.93		
10	16QAM	50	0	18.19	18.03	18.33	17.94	18.02		
10	64QAM	1	0	18.25	18.18	18.35	18.03	18.11		
10	64QAM	1	25	18.01	18.06	18.29	17.99	18.07	18.7	0
10	64QAM	1	49	18.23	18.05	18.16	18.10	17.91		
10	64QAM	25	0	18.11	18.07	18.25	17.97	18.02		
10	64QAM	25	12	17.91	17.89	18.29	17.90	17.87	18.7	0
10	64QAM	25	25	17.99	18.04	18.09	17.99	17.92		
10	64QAM	50	0	18.12	18.01	18.22	17.87	18.03		
10	256QAM	1	0	18.26	18.23	18.24	18.05	18.22		
10	256QAM	1	25	18.15	17.93	18.27	17.94	18.11	18.7	0
10	256QAM	1	49	18.30	18.09	18.32	18.03	18.06		
10	256QAM	25	0	18.10	18.09	18.30	17.94	17.98		
10	256QAM	25	12	17.91	17.81	18.26	18.03	18.01	18.7	0
10	256QAM	25	25	18.08	17.96	18.10	18.09	17.94		
10	256QAM	50	0	18.19	18.03	18.34	17.92	18.05		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.26	18.20	18.42	18.17	18.24		
5	QPSK	1	12	18.19	18.04	18.31	18.12	18.10	18.70	0
5	QPSK	1	24	18.32	18.19	18.33	18.14	18.06		
5	QPSK	12	0	18.29	18.13	18.33	18.13	18.15		
5	QPSK	12	7	18.01	17.95	18.26	18.07	18.09	18.7	0
5	QPSK	12	13	18.09	18.07	18.15	18.07	18.07		
5	QPSK	25	0	18.28	18.10	18.40	17.98	18.12		
5	16QAM	1	0	18.27	18.17	18.33	18.03	18.06		
5	16QAM	1	12	18.06	17.89	18.22	18.12	18.06	18.7	0
5	16QAM	1	24	18.26	18.12	18.20	18.08	17.98		
5	16QAM	12	0	18.15	18.09	18.23	17.95	18.12		
5	16QAM	12	7	17.97	17.94	18.20	18.04	18.04	18.7	0
5	16QAM	12	13	18.09	18.03	18.07	18.04	17.95		
5	16QAM	25	0	18.19	18.02	18.32	17.91	17.98		
5	64QAM	1	0	18.26	18.09	18.37	18.06	18.14		
5	64QAM	1	12	18.04	18.06	18.35	18.02	18.10	18.7	0
5	64QAM	1	24	18.15	18.11	18.20	18.07	18.01		
5	64QAM	12	0	18.15	18.08	18.30	17.98	18.00		
5	64QAM	12	7	17.97	17.96	18.19	17.90	17.89	18.7	0
5	64QAM	12	13	17.97	17.97	18.10	17.94	17.98		
5	64QAM	25	0	18.17	17.96	18.25	17.90	18.02		
5	256QAM	1	0	18.26	18.18	18.36	18.12	18.18		
5	256QAM	1	12	18.16	18.01	18.25	18.00	18.08	18.7	0
5	256QAM	1	24	18.24	18.14	18.24	18.03	18.08		
5	256QAM	12	0	18.11	18.11	18.28	17.93	18.04		
5	256QAM	12	7	17.93	17.79	18.22	18.02	17.98	18.7	0
5	256QAM	12	13	17.99	18.04	18.19	18.03	17.97		
5	256QAM	25	0	18.16	18.00	18.31	17.89	18.02		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.11	18.16	18.13	19.5	0
20	QPSK	1	49	18.01	18.11	18.04		
20	QPSK	1	99	17.99	18.11	18.03		
20	QPSK	50	0	18.05	18.10	18.02	19.5	0
20	QPSK	50	24	17.94	18.04	17.91		
20	QPSK	50	50	17.85	18.04	17.91		
20	QPSK	100	0	18.07	18.08	18.05		
20	16QAM	1	0	18.05	18.07	18.03	19.5	0
20	16QAM	1	49	17.92	18.05	17.98		
20	16QAM	1	99	17.87	18.05	17.92		
20	16QAM	50	0	18.01	18.00	17.92	19.5	0
20	16QAM	50	24	17.88	17.96	17.82		
20	16QAM	50	50	17.76	17.98	17.78		
20	16QAM	100	0	18.04	17.98	17.98		
20	64QAM	1	0	18.01	18.08	18.01	19.5	0
20	64QAM	1	49	17.95	18.03	18.01		
20	64QAM	1	99	17.96	18.04	17.93		
20	64QAM	50	0	18.03	18.08	17.91	19.5	0
20	64QAM	50	24	17.92	17.97	17.88		
20	64QAM	50	50	17.73	18.01	17.85		
20	64QAM	100	0	18.00	17.96	17.93		
20	256QAM	1	0	18.07	18.09	18.06	19.5	0
20	256QAM	1	49	17.93	18.08	17.92		
20	256QAM	1	99	17.85	18.03	17.89		
20	256QAM	50	0	17.98	18.05	17.91	19.5	0
20	256QAM	50	24	17.82	17.93	17.87		
20	256QAM	50	50	17.75	17.90	17.87		
20	256QAM	100	0	18.05	18.02	17.93		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.99	18.11	17.99	19.5	0
15	QPSK	1	37	17.92	18.08	18.00		
15	QPSK	1	74	17.85	18.05	17.92		
15	QPSK	36	0	17.93	17.96	17.91	19.5	0
15	QPSK	36	20	17.83	17.95	17.87		
15	QPSK	36	39	17.76	18.00	17.77		
15	QPSK	75	0	18.01	18.02	17.93		
15	16QAM	1	0	18.00	18.03	17.98	19.5	0
15	16QAM	1	37	17.81	17.92	17.87		
15	16QAM	1	74	17.83	17.92	17.81		
15	16QAM	36	0	17.89	17.98	17.89	19.5	0
15	16QAM	36	20	17.83	17.87	17.74		
15	16QAM	36	39	17.67	17.88	17.70		
15	16QAM	75	0	17.98	17.86	17.94		
15	64QAM	1	0	17.93	18.02	17.90	19.5	0
15	64QAM	1	37	17.86	17.92	17.96		
15	64QAM	1	74	17.91	18.01	17.81		
15	64QAM	36	0	17.98	18.00	17.86	19.5	0
15	64QAM	36	20	17.81	17.91	17.77		
15	64QAM	36	39	17.64	17.90	17.76		
15	64QAM	75	0	17.89	17.90	17.79		
15	256QAM	1	0	17.96	18.03	18.00	19.5	0
15	256QAM	1	37	17.86	18.02	17.86		
15	256QAM	1	74	17.81	18.00	17.83		
15	256QAM	36	0	17.89	17.91	17.85	19.5	0
15	256QAM	36	20	17.76	17.84	17.75		
15	256QAM	36	39	17.71	17.82	17.74		
15	256QAM	75	0	17.99	17.91	17.82		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.09	18.11	18.02	19.5	0
10	QPSK	1	25	17.92	18.05	17.95		
10	QPSK	1	49	17.94	18.03	17.95		
10	QPSK	25	0	17.97	18.01	17.93	19.5	0
10	QPSK	25	12	17.85	17.97	17.78		
10	QPSK	25	25	17.71	17.95	17.88		
10	QPSK	50	0	18.04	17.97	17.92		
10	16QAM	1	0	18.00	17.97	17.90	19.5	0
10	16QAM	1	25	17.83	17.92	17.95		
10	16QAM	1	49	17.83	17.98	17.88		
10	16QAM	25	0	17.95	17.97	17.83	19.5	0
10	16QAM	25	12	17.76	17.86	17.68		
10	16QAM	25	25	17.72	17.91	17.74		
10	16QAM	50	0	17.91	17.88	17.90		
10	64QAM	1	0	17.88	17.96	17.92	19.5	0
10	64QAM	1	25	17.93	17.97	17.91		
10	64QAM	1	49	17.84	17.94	17.88		
10	64QAM	25	0	17.89	17.96	17.87	19.5	0
10	64QAM	25	12	17.83	17.85	17.86		
10	64QAM	25	25	17.63	17.99	17.72		
10	64QAM	50	0	17.86	17.93	17.88		
10	256QAM	1	0	18.04	18.04	17.95	19.5	0
10	256QAM	1	25	17.80	18.04	17.86		
10	256QAM	1	49	17.81	17.94	17.78		
10	256QAM	25	0	17.92	17.98	17.85	19.5	0
10	256QAM	25	12	17.69	17.81	17.78		
10	256QAM	25	25	17.72	17.84	17.84		
10	256QAM	50	0	17.92	17.92	17.88		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.01	18.13	18.02	19.5	0
5	QPSK	1	12	17.98	18.07	17.95		
5	QPSK	1	24	17.96	17.99	17.91		
5	QPSK	12	0	17.99	18.03	17.97	19.5	0
5	QPSK	12	7	17.83	17.95	17.85		
5	QPSK	12	13	17.73	17.91	17.87		
5	QPSK	25	0	18.02	18.02	18.01		
5	16QAM	1	0	17.95	18.04	17.95	19.5	0
5	16QAM	1	12	17.79	17.99	17.96		
5	16QAM	1	24	17.76	17.94	17.85		
5	16QAM	12	0	17.88	17.91	17.90	19.5	0
5	16QAM	12	7	17.80	17.91	17.71		
5	16QAM	12	13	17.64	17.87	17.73		
5	16QAM	25	0	17.92	17.84	17.89		
5	64QAM	1	0	17.99	18.04	17.90	19.5	0
5	64QAM	1	12	17.85	18.00	17.90		
5	64QAM	1	24	17.85	17.95	17.85		
5	64QAM	12	0	17.98	18.05	17.89	19.5	0
5	64QAM	12	7	17.88	17.91	17.81		
5	64QAM	12	13	17.62	17.92	17.81		
5	64QAM	25	0	17.88	17.88	17.81		
5	256QAM	1	0	18.02	18.03	17.98	19.5	0
5	256QAM	1	12	17.89	18.03	17.79		
5	256QAM	1	24	17.81	17.92	17.78		
5	256QAM	12	0	17.94	17.95	17.86	19.5	0
5	256QAM	12	7	17.73	17.90	17.80		
5	256QAM	12	13	17.63	17.78	17.78		
5	256QAM	25	0	17.95	17.98	17.86		

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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	17.99	17.98	18.14	18.05	17.99	19.5	0
20	QPSK	1	49	18.02	17.84	18.06	18.00	17.89		
20	QPSK	1	99	17.93	17.92	18.07	17.86	17.86		
20	QPSK	50	0	17.87	17.93	18.09	17.95	17.85	19.5	0
20	QPSK	50	24	17.89	17.78	18.03	17.97	17.77		
20	QPSK	50	50	17.80	17.87	17.97	17.72	17.78		
20	QPSK	100	0	17.94	17.92	18.06	18.00	17.94		
20	16QAM	1	0	17.87	17.92	18.05	17.99	17.97	19.5	0
20	16QAM	1	49	17.96	17.72	17.95	17.94	17.79		
20	16QAM	1	99	17.83	17.90	17.94	17.77	17.73		
20	16QAM	50	0	17.81	17.90	17.97	17.89	17.76	19.5	0
20	16QAM	50	24	17.81	17.76	17.99	17.84	17.73		
20	16QAM	50	50	17.69	17.82	17.83	17.68	17.66		
20	16QAM	100	0	17.92	17.87	17.98	17.92	17.87		
20	64QAM	1	0	17.89	17.93	18.06	17.99	17.85	19.5	0
20	64QAM	1	49	18.00	17.81	17.92	17.94	17.79		
20	64QAM	1	99	17.82	17.82	18.00	17.79	17.78		
20	64QAM	50	0	17.83	17.89	18.02	17.89	17.78	19.5	0
20	64QAM	50	24	17.85	17.75	18.00	17.88	17.65		
20	64QAM	50	50	17.66	17.79	17.87	17.64	17.66		
20	64QAM	100	0	17.88	17.86	17.96	17.93	17.81		
20	256QAM	1	0	17.91	17.92	18.01	18.00	17.89	19.5	0
20	256QAM	1	49	17.92	17.71	17.95	17.89	17.84		
20	256QAM	1	99	17.80	17.88	17.99	17.81	17.80		
20	256QAM	50	0	17.80	17.81	17.99	17.88	17.76	19.5	0
20	256QAM	50	24	17.86	17.73	17.89	17.89	17.72		
20	256QAM	50	50	17.68	17.80	17.88	17.64	17.66		
20	256QAM	100	0	17.92	17.82	17.97	17.87	17.86		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.91	17.89	18.01	18.01	17.95	19.50	0
15	QPSK	1	37	17.99	17.74	18.00	17.86	17.82		
15	QPSK	1	74	17.85	17.83	17.99	17.76	17.82		
15	QPSK	36	0	17.80	17.87	17.95	17.84	17.78	19.5	0
15	QPSK	36	20	17.81	17.66	18.00	17.88	17.65		
15	QPSK	36	39	17.70	17.81	17.93	17.68	17.68		
15	QPSK	75	0	17.84	17.79	17.97	17.95	17.84		
15	16QAM	1	0	17.76	17.81	17.93	17.91	17.84	19.5	0
15	16QAM	1	37	17.85	17.65	17.85	17.91	17.72		
15	16QAM	1	74	17.77	17.85	17.86	17.63	17.71		
15	16QAM	36	0	17.71	17.77	17.94	17.85	17.71	19.5	0
15	16QAM	36	20	17.67	17.63	17.92	17.78	17.67		
15	16QAM	36	39	17.67	17.77	17.79	17.61	17.54		
15	16QAM	75	0	17.86	17.83	17.84	17.88	17.74		
15	64QAM	1	0	17.81	17.89	18.04	17.89	17.80	19.5	0
15	64QAM	1	37	17.97	17.76	17.83	17.90	17.65		
15	64QAM	1	74	17.68	17.73	17.95	17.70	17.71		
15	64QAM	36	0	17.76	17.84	17.95	17.78	17.72	19.5	0
15	64QAM	36	20	17.78	17.68	17.91	17.79	17.51		
15	64QAM	36	39	17.57	17.67	17.82	17.51	17.62		
15	64QAM	75	0	17.80	17.81	17.93	17.87	17.74		
15	256QAM	1	0	17.77	17.85	17.94	17.94	17.77	19.5	0
15	256QAM	1	37	17.89	17.60	17.86	17.85	17.75		
15	256QAM	1	74	17.71	17.85	17.87	17.68	17.66		
15	256QAM	36	0	17.77	17.70	17.92	17.83	17.70	19.5	0
15	256QAM	36	20	17.77	17.59	17.84	17.75	17.68		
15	256QAM	36	39	17.57	17.76	17.83	17.62	17.53		
15	256QAM	75	0	17.83	17.72	17.84	17.81	17.79		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.90	17.87	18.04	17.95	17.95	19.50	0
10	QPSK	1	25	17.99	17.77	17.94	17.88	17.84		
10	QPSK	1	49	17.90	17.83	18.03	17.76	17.83		
10	QPSK	25	0	17.83	17.85	18.01	17.87	17.73	19.5	0
10	QPSK	25	12	17.82	17.70	17.90	17.85	17.74		
10	QPSK	25	25	17.70	17.78	17.87	17.62	17.68		
10	QPSK	50	0	17.86	17.82	17.96	17.88	17.84		
10	16QAM	1	0	17.79	17.88	17.98	17.86	17.84	19.5	0
10	16QAM	1	25	17.83	17.60	17.91	17.87	17.75		
10	16QAM	1	49	17.76	17.83	17.82	17.65	17.59		
10	16QAM	25	0	17.78	17.80	17.89	17.79	17.73	19.5	0
10	16QAM	25	12	17.71	17.67	17.88	17.71	17.63		
10	16QAM	25	25	17.63	17.70	17.80	17.58	17.55		
10	16QAM	50	0	17.84	17.85	17.86	17.82	17.84		
10	64QAM	1	0	17.85	17.82	17.98	17.94	17.80	19.5	0
10	64QAM	1	25	17.90	17.77	17.81	17.91	17.69		
10	64QAM	1	49	17.77	17.71	17.88	17.68	17.65		
10	64QAM	25	0	17.77	17.82	18.00	17.83	17.73	19.5	0
10	64QAM	25	12	17.79	17.66	17.97	17.75	17.56		
10	64QAM	25	25	17.57	17.77	17.83	17.61	17.54		
10	64QAM	50	0	17.76	17.77	17.91	17.80	17.73		
10	256QAM	1	0	17.83	17.85	17.90	17.91	17.79	19.5	0
10	256QAM	1	25	17.89	17.66	17.86	17.77	17.76		
10	256QAM	1	49	17.74	17.82	17.86	17.68	17.72		
10	256QAM	25	0	17.71	17.78	17.97	17.84	17.74	19.5	0
10	256QAM	25	12	17.80	17.61	17.78	17.83	17.58		
10	256QAM	25	25	17.56	17.77	17.74	17.53	17.60		
10	256QAM	50	0	17.87	17.78	17.90	17.84	17.83		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.96	17.94	18.06	17.97	17.94	19.50	0
5	QPSK	1	12	17.89	17.71	18.02	17.91	17.75		
5	QPSK	1	24	17.85	17.81	17.98	17.81	17.83		
5	QPSK	12	0	17.83	17.89	17.96	17.83	17.75	19.5	0
5	QPSK	12	7	17.82	17.65	17.93	17.85	17.73		
5	QPSK	12	13	17.77	17.82	17.86	17.61	17.68		
5	QPSK	25	0	17.81	17.87	17.92	17.90	17.89		
5	16QAM	1	0	17.80	17.80	17.93	17.87	17.91	19.5	0
5	16QAM	1	12	17.90	17.67	17.87	17.80	17.66		
5	16QAM	1	24	17.74	17.83	17.81	17.71	17.70		
5	16QAM	12	0	17.76	17.83	17.83	17.81	17.63	19.5	0
5	16QAM	12	7	17.68	17.65	17.95	17.74	17.61		
5	16QAM	12	13	17.63	17.68	17.69	17.65	17.61		
5	16QAM	25	0	17.85	17.74	17.89	17.87	17.84		
5	64QAM	1	0	17.81	17.82	18.03	17.90	17.74	19.5	0
5	64QAM	1	12	17.89	17.76	17.84	17.82	17.73		
5	64QAM	1	24	17.71	17.79	17.93	17.71	17.68		
5	64QAM	12	0	17.73	17.80	17.95	17.81	17.72	19.5	0
5	64QAM	12	7	17.79	17.68	17.86	17.76	17.53		
5	64QAM	12	13	17.59	17.70	17.79	17.50	17.55		
5	64QAM	25	0	17.80	17.73	17.88	17.87	17.69		
5	256QAM	1	0	17.86	17.89	17.98	17.89	17.80	19.5	0
5	256QAM	1	12	17.85	17.64	17.83	17.85	17.81		
5	256QAM	1	24	17.78	17.84	17.97	17.79	17.75		
5	256QAM	12	0	17.67	17.70	17.89	17.74	17.62	19.5	0
5	256QAM	12	7	17.83	17.62	17.77	17.80	17.61		
5	256QAM	12	13	17.61	17.66	17.76	17.54	17.58		
5	256QAM	25	0	17.79	17.71	17.86	17.83	17.82		

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BW [MHz]	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	24.21	24.24	24.19	25.5	0
20	QPSK	1	49	24.18	24.20	24.14		
20	QPSK	1	99	24.10	24.17	24.09		
20	QPSK	50	0	23.20	23.28	23.14	24.5	1
20	QPSK	50	24	23.16	23.22	23.17		
20	QPSK	50	50	23.07	23.12	23.10		
20	QPSK	100	0	23.16	23.27	23.15		
20	16QAM	1	0	23.16	23.24	23.18	24.5	1
20	16QAM	1	49	23.19	23.17	23.09		
20	16QAM	1	99	23.09	23.20	23.12		
20	16QAM	50	0	22.23	22.25	22.12	23.5	2
20	16QAM	50	24	22.13	22.17	22.13		
20	16QAM	50	50	22.02	22.16	22.09		
20	16QAM	100	0	22.20	22.26	22.18		
20	64QAM	1	0	22.16	22.29	22.23	23.5	2
20	64QAM	1	49	22.16	22.14	22.03		
20	64QAM	1	99	22.10	22.26	22.16		
20	64QAM	50	0	21.14	21.30	21.19	22.5	3
20	64QAM	50	24	21.14	21.18	21.18		
20	64QAM	50	50	21.11	21.17	21.05		
20	64QAM	100	0	21.19	21.32	21.16		
20	256QAM	1	0	19.22	19.26	19.13	20.5	5
20	256QAM	1	49	19.19	19.27	19.20		
20	256QAM	1	99	19.07	19.17	19.10		
20	256QAM	50	0	19.15	19.28	19.16	20.5	5
20	256QAM	50	24	19.20	19.18	19.14		
20	256QAM	50	50	19.15	19.16	19.11		
20	256QAM	100	0	19.11	19.25	19.09		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.18	24.13	24.13	25.5	0
15	QPSK	1	37	24.15	24.10	24.11		
15	QPSK	1	74	23.98	24.11	24.01		
15	QPSK	36	0	23.08	23.17	23.05	24.5	1
15	QPSK	36	20	23.09	23.13	23.04		
15	QPSK	36	39	22.93	23.09	22.99		
15	QPSK	75	0	23.03	23.17	23.11		
15	16QAM	1	0	23.13	23.14	23.16	24.5	1
15	16QAM	1	37	23.06	23.08	23.01		
15	16QAM	1	74	23.05	23.14	22.99		
15	16QAM	36	0	22.11	22.19	22.03	23.5	2
15	16QAM	36	20	22.03	22.14	22.04		
15	16QAM	36	39	21.90	22.07	22.05		
15	16QAM	75	0	22.16	22.15	22.09		
15	64QAM	1	0	22.09	22.26	22.11	23.5	2
15	64QAM	1	37	22.06	22.10	21.96		
15	64QAM	1	74	22.05	22.12	22.12		
15	64QAM	36	0	21.08	21.25	21.14	22.5	3
15	64QAM	36	20	21.00	21.11	21.05		
15	64QAM	36	39	21.02	21.09	20.93		
15	64QAM	75	0	21.15	21.24	21.14		
15	256QAM	1	0	19.19	19.14	19.07	20.5	5
15	256QAM	1	37	19.08	19.20	19.10		
15	256QAM	1	74	19.04	19.14	18.99		
15	256QAM	36	0	19.03	19.19	19.07	20.5	5
15	256QAM	36	20	19.09	19.15	19.06		
15	256QAM	36	39	19.12	19.10	19.02		
15	256QAM	75	0	19.03	19.21	19.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.14	24.13	24.12	25.5	0
10	QPSK	1	25	24.07	24.11	24.10		
10	QPSK	1	49	24.00	24.12	24.01		
10	QPSK	25	0	23.11	23.17	23.02	24.5	1
10	QPSK	25	12	23.13	23.10	23.04		
10	QPSK	25	25	22.94	23.04	23.03		
10	QPSK	50	0	23.12	23.13	23.02		
10	16QAM	1	0	23.04	23.20	23.10	24.5	1
10	16QAM	1	25	23.06	23.11	23.00		
10	16QAM	1	49	23.00	23.10	22.98		
10	16QAM	25	0	22.14	22.13	22.05	23.5	2
10	16QAM	25	12	22.07	22.11	22.07		
10	16QAM	25	25	21.93	22.13	22.05		
10	16QAM	50	0	22.17	22.17	22.11		
10	64QAM	1	0	22.10	22.24	22.12	23.5	2
10	64QAM	1	25	22.09	22.00	21.96		
10	64QAM	1	49	22.04	22.19	22.10		
10	64QAM	25	0	21.10	21.18	21.06	22.5	3
10	64QAM	25	12	21.04	21.10	21.10		
10	64QAM	25	25	21.02	21.14	21.00		
10	64QAM	50	0	21.15	21.22	21.04		
10	256QAM	1	0	19.13	19.18	19.00	20.5	5
10	256QAM	1	25	19.12	19.19	19.13		
10	256QAM	1	49	18.99	19.15	18.97		
10	256QAM	25	0	19.05	19.26	19.07	20.5	5
10	256QAM	25	12	19.11	19.05	19.11		
10	256QAM	25	25	19.13	19.14	19.05		
10	256QAM	50	0	18.99	19.21	19.03		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.07	24.20	24.06	25.5	0
5	QPSK	1	12	24.09	24.11	24.01		
5	QPSK	1	24	23.97	24.13	23.99		
5	QPSK	12	0	23.07	23.16	23.07	24.5	1
5	QPSK	12	7	23.12	23.09	23.12		
5	QPSK	12	13	22.94	23.00	22.99		
5	QPSK	25	0	23.12	23.24	23.02		
5	16QAM	1	0	23.14	23.21	23.05	24.5	1
5	16QAM	1	12	23.11	23.09	23.03		
5	16QAM	1	24	23.00	23.13	23.04		
5	16QAM	12	0	22.11	22.22	22.06	23.5	2
5	16QAM	12	7	22.05	22.05	22.11		
5	16QAM	12	13	21.93	22.09	21.96		
5	16QAM	25	0	22.11	22.15	22.15		
5	64QAM	1	0	22.12	22.24	22.19	23.5	2
5	64QAM	1	12	22.13	22.04	21.94		
5	64QAM	1	24	21.97	22.19	22.12		
5	64QAM	12	0	21.11	21.27	21.14	22.5	3
5	64QAM	12	7	21.11	21.09	21.12		
5	64QAM	12	13	21.03	21.15	21.02		
5	64QAM	25	0	21.10	21.23	21.07		
5	256QAM	1	0	19.08	19.15	19.10	20.5	5
5	256QAM	1	12	19.14	19.24	19.16		
5	256QAM	1	24	18.98	19.14	19.04		
5	256QAM	12	0	19.04	19.24	19.08	20.5	5
5	256QAM	12	7	19.16	19.08	19.01		
5	256QAM	12	13	19.11	19.11	19.02		
5	256QAM	25	0	18.99	19.18	18.98		

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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	24.13	24.18	24.19	24.00	24.05	25.5	0
20	QPSK	1	49	24.06	24.11	24.17	23.92	24.01		
20	QPSK	1	99	24.02	24.09	24.16	23.91	23.93		
20	QPSK	50	0	23.14	23.19	23.21	23.02	23.05	24.5	1
20	QPSK	50	24	23.03	23.09	23.20	22.97	22.98		
20	QPSK	50	50	22.99	23.11	23.20	22.89	22.97		
20	QPSK	100	0	23.19	23.22	23.19	22.95	23.04		
20	16QAM	1	0	23.10	23.23	23.14	22.95	23.06	24.5	1
20	16QAM	1	49	23.06	23.10	23.15	22.91	22.97		
20	16QAM	1	99	22.99	23.07	23.22	22.88	22.94		
20	16QAM	50	0	22.13	22.13	22.23	22.08	22.06	23.5	2
20	16QAM	50	24	22.04	22.05	22.16	22.00	21.96		
20	16QAM	50	50	21.99	22.11	22.16	21.85	22.03		
20	16QAM	100	0	22.18	22.25	22.19	21.97	22.09		
20	64QAM	1	0	22.14	22.21	22.10	21.98	22.00	23.5	2
20	64QAM	1	49	22.02	22.09	22.12	21.88	21.99		
20	64QAM	1	99	22.00	22.04	22.26	21.83	21.93		
20	64QAM	50	0	21.16	21.18	21.17	20.99	21.01	22.5	3
20	64QAM	50	24	21.08	21.11	21.19	20.99	20.93		
20	64QAM	50	50	20.97	21.16	21.19	20.92	20.91		
20	64QAM	100	0	21.15	21.19	21.21	20.92	21.02		
20	256QAM	1	0	19.10	19.18	19.19	19.01	19.10	20.5	5
20	256QAM	1	49	19.05	19.05	19.21	18.94	18.95		
20	256QAM	1	99	18.94	19.15	19.20	18.86	18.99		
20	256QAM	50	0	19.13	19.18	19.15	18.93	19.01	20.5	5
20	256QAM	50	24	19.16	19.20	19.14	18.89	19.08		
20	256QAM	50	50	19.05	19.10	19.12	18.89	18.96		
20	256QAM	100	0	18.99	19.12	19.18	18.82	18.97		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.10	24.06	24.12	23.93	23.94	25.50	0
15	QPSK	1	37	24.04	24.07	24.11	23.82	23.93		
15	QPSK	1	74	23.94	23.96	24.10	23.78	23.85		
15	QPSK	36	0	23.11	23.09	23.09	22.98	22.94	24.5	1
15	QPSK	36	20	22.97	22.98	23.14	22.85	22.93		
15	QPSK	36	39	22.92	23.05	23.08	22.78	22.87		
15	QPSK	75	0	23.08	23.17	23.14	22.86	23.01		
15	16QAM	1	0	22.97	23.19	23.03	22.90	22.93	24.5	1
15	16QAM	1	37	23.03	23.05	23.08	22.82	22.83		
15	16QAM	1	74	22.91	22.98	23.17	22.84	22.89		
15	16QAM	36	0	22.00	22.05	22.18	22.00	21.94	23.5	2
15	16QAM	36	20	21.97	22.01	22.05	21.95	21.82		
15	16QAM	36	39	21.88	22.07	22.05	21.83	21.97		
15	16QAM	75	0	22.05	22.17	22.12	21.85	22.06		
15	64QAM	1	0	22.02	22.11	22.05	21.92	21.88	23.5	2
15	64QAM	1	37	21.91	22.02	22.08	21.83	21.88		
15	64QAM	1	74	21.91	21.92	22.23	21.77	21.90		
15	64QAM	36	0	21.04	21.12	21.07	20.93	20.97	22.5	3
15	64QAM	36	20	20.96	21.07	21.05	20.85	20.84		
15	64QAM	36	39	20.86	21.03	21.08	20.78	20.88		
15	64QAM	75	0	21.03	21.08	21.09	20.86	20.98		
15	256QAM	1	0	19.02	19.15	19.09	18.92	19.05	20.5	5
15	256QAM	1	37	18.93	19.01	19.18	18.84	18.84		
15	256QAM	1	74	18.91	19.04	19.17	18.73	18.87		
15	256QAM	36	0	19.09	19.12	19.06	18.90	18.96	20.5	5
15	256QAM	36	20	19.07	19.08	19.07	18.75	19.05		
15	256QAM	36	39	18.99	19.03	19.04	18.80	18.88		
15	256QAM	75	0	18.97	19.10	19.13	18.73	18.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.00	24.11	24.06	23.96	23.96	25.50	0
10	QPSK	1	25	24.04	24.03	24.12	23.81	23.88		
10	QPSK	1	49	23.90	23.99	24.09	23.79	23.91		
10	QPSK	25	0	23.04	23.14	23.11	22.95	22.98	24.5	1
10	QPSK	25	12	23.01	23.00	23.09	22.93	22.91		
10	QPSK	25	25	22.86	22.98	23.08	22.85	22.94		
10	QPSK	50	0	23.12	23.14	23.12	22.91	22.97		
10	16QAM	1	0	23.07	23.12	23.05	22.89	22.93	24.5	1
10	16QAM	1	25	23.02	22.97	23.05	22.84	22.91		
10	16QAM	1	49	22.85	22.99	23.14	22.76	22.84		
10	16QAM	25	0	22.08	22.06	22.16	21.94	21.93	23.5	2
10	16QAM	25	12	21.97	21.93	22.09	21.96	21.91		
10	16QAM	25	25	21.90	22.05	22.12	21.74	21.91		
10	16QAM	50	0	22.15	22.18	22.13	21.93	21.97		
10	64QAM	1	0	22.07	22.17	22.06	21.85	21.97	23.5	2
10	64QAM	1	25	21.99	22.05	21.99	21.79	21.96		
10	64QAM	1	49	21.94	21.95	22.20	21.76	21.87		
10	64QAM	25	0	21.06	21.10	21.07	20.91	20.93	22.5	3
10	64QAM	25	12	20.99	21.05	21.16	20.90	20.80		
10	64QAM	25	25	20.83	21.05	21.11	20.88	20.79		
10	64QAM	50	0	21.02	21.16	21.15	20.84	20.96		
10	256QAM	1	0	19.00	19.05	19.09	18.87	18.98	20.5	5
10	256QAM	1	25	18.97	18.98	19.08	18.88	18.85		
10	256QAM	1	49	18.91	19.06	19.06	18.73	18.89		
10	256QAM	25	0	19.05	19.11	19.09	18.81	18.90	20.5	5
10	256QAM	25	12	19.10	19.12	19.00	18.81	19.05		
10	256QAM	25	25	18.99	19.08	19.02	18.78	18.93		
10	256QAM	50	0	18.89	19.03	19.14	18.78	18.88		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.00	24.07	24.17	23.92	23.92	25.50	0
5	QPSK	1	12	24.02	24.02	24.03	23.79	23.90		
5	QPSK	1	24	23.98	24.04	24.05	23.83	23.82		
5	QPSK	12	0	23.05	23.06	23.19	22.91	23.01	24.5	1
5	QPSK	12	7	22.94	22.97	23.13	22.90	22.94		
5	QPSK	12	13	22.94	23.07	23.12	22.82	22.94		
5	QPSK	25	0	23.06	23.12	23.14	22.83	23.00		
5	16QAM	1	0	23.00	23.15	23.05	22.84	22.98	24.5	1
5	16QAM	1	12	23.04	23.02	23.03	22.83	22.86		
5	16QAM	1	24	22.87	23.02	23.09	22.84	22.89		
5	16QAM	12	0	22.10	22.09	22.15	22.00	22.00	23.5	2
5	16QAM	12	7	21.95	21.97	22.13	21.95	21.88		
5	16QAM	12	13	21.86	22.05	22.10	21.75	21.90		
5	16QAM	25	0	22.05	22.19	22.05	21.91	22.05		
5	64QAM	1	0	22.10	22.19	21.97	21.87	21.92	23.5	2
5	64QAM	1	12	21.94	22.04	22.02	21.82	21.91		
5	64QAM	1	24	21.86	22.02	22.22	21.76	21.87		
5	64QAM	12	0	21.08	21.10	21.09	20.92	20.94	22.5	3
5	64QAM	12	7	20.96	21.07	21.16	20.90	20.83		
5	64QAM	12	13	20.89	21.11	21.09	20.81	20.79		
5	64QAM	25	0	21.04	21.16	21.12	20.84	20.98		
5	256QAM	1	0	19.04	19.14	19.16	18.88	19.03	20.5	5
5	256QAM	1	12	19.02	18.93	19.15	18.90	18.91		
5	256QAM	1	24	18.80	19.13	19.10	18.84	18.90		
5	256QAM	12	0	19.04	19.12	19.12	18.88	18.93	20.5	5
5	256QAM	12	7	19.05	19.10	19.01	18.83	18.98		
5	256QAM	12	13	18.96	19.03	19.02	18.81	18.84		
5	256QAM	25	0	18.95	19.07	19.13	18.70	18.94		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.97	20.03	19.99	21.5	0
20	QPSK	1	49	19.82	20.02	19.92		
20	QPSK	1	99	19.77	19.94	19.86		
20	QPSK	50	0	19.85	20.00	19.86	21.5	0
20	QPSK	50	24	19.75	19.92	19.87		
20	QPSK	50	50	19.75	19.84	19.75		
20	QPSK	100	0	19.95	19.97	19.86		
20	16QAM	1	0	19.85	19.89	19.95	21.5	0
20	16QAM	1	49	19.79	19.89	19.87		
20	16QAM	1	99	19.65	19.83	19.80		
20	16QAM	50	0	19.41	19.48	19.51	21	0.5
20	16QAM	50	24	19.31	19.50	19.41		
20	16QAM	50	50	19.28	19.45	19.41		
20	16QAM	100	0	19.40	19.52	19.31		
20	64QAM	1	0	19.28	19.44	19.33	21	0.5
20	64QAM	1	49	19.22	19.34	19.23		
20	64QAM	1	99	19.49	19.46	19.36		
20	64QAM	50	0	18.42	18.52	18.45	20	1.5
20	64QAM	50	24	18.35	18.47	18.48		
20	64QAM	50	50	18.31	18.43	18.30		
20	64QAM	100	0	18.36	18.46	18.38		
20	256QAM	1	0	16.42	16.47	16.46	18	3.5
20	256QAM	1	49	16.36	16.50	16.45		
20	256QAM	1	99	16.29	16.47	16.38		
20	256QAM	50	0	16.35	16.47	16.39	18	3.5
20	256QAM	50	24	16.29	16.47	16.39		
20	256QAM	50	50	16.20	16.30	16.27		
20	256QAM	100	0	16.50	16.41	16.34		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.94	19.99	19.93	21.5	0
15	QPSK	1	37	19.72	19.99	19.82		
15	QPSK	1	74	19.66	19.84	19.76		
15	QPSK	36	0	19.72	19.92	19.73	21.5	0
15	QPSK	36	20	19.69	19.79	19.81		
15	QPSK	36	39	19.65	19.70	19.67		
15	QPSK	75	0	19.92	19.87	19.74		
15	16QAM	1	0	19.80	19.80	19.83	21.5	0
15	16QAM	1	37	19.71	19.83	19.80		
15	16QAM	1	74	19.57	19.73	19.74		
15	16QAM	36	0	19.35	19.42	19.43	21	0.5
15	16QAM	36	20	19.25	19.40	19.29		
15	16QAM	36	39	19.25	19.35	19.27		
15	16QAM	75	0	19.31	19.44	19.27		
15	64QAM	1	0	19.17	19.41	19.29	21	0.5
15	64QAM	1	37	19.10	19.30	19.17		
15	64QAM	1	74	19.45	19.35	19.24		
15	64QAM	36	0	18.37	18.41	18.39	20	1.5
15	64QAM	36	20	18.28	18.42	18.43		
15	64QAM	36	39	18.22	18.30	18.18		
15	64QAM	75	0	18.32	18.35	18.26		
15	256QAM	1	0	16.38	16.41	16.40	18	3.5
15	256QAM	1	37	16.28	16.40	16.37		
15	256QAM	1	74	16.21	16.34	16.25		
15	256QAM	36	0	16.27	16.35	16.32	18	3.5
15	256QAM	36	20	16.24	16.34	16.26		
15	256QAM	36	39	16.12	16.21	16.19		
15	256QAM	75	0	16.45	16.39	16.20		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.85	19.94	19.86	21.5	0
10	QPSK	1	25	19.76	19.99	19.80		
10	QPSK	1	49	19.68	19.82	19.73		
10	QPSK	25	0	19.80	19.89	19.78	21.5	0
10	QPSK	25	12	19.62	19.81	19.73		
10	QPSK	25	25	19.63	19.72	19.66		
10	QPSK	50	0	19.87	19.85	19.74		
10	16QAM	1	0	19.77	19.77	19.86	21.5	0
10	16QAM	1	25	19.69	19.86	19.84		
10	16QAM	1	49	19.56	19.77	19.70		
10	16QAM	25	0	19.33	19.38	19.38	21	0.5
10	16QAM	25	12	19.24	19.46	19.37		
10	16QAM	25	25	19.19	19.38	19.37		
10	16QAM	50	0	19.27	19.47	19.26		
10	64QAM	1	0	19.18	19.38	19.20	21	0.5
10	64QAM	1	25	19.18	19.22	19.18		
10	64QAM	1	49	19.44	19.42	19.34		
10	64QAM	25	0	18.28	18.44	18.36	20	1.5
10	64QAM	25	12	18.30	18.34	18.39		
10	64QAM	25	25	18.24	18.31	18.25		
10	64QAM	50	0	18.26	18.41	18.28		
10	256QAM	1	0	16.35	16.34	16.40	18	3.5
10	256QAM	1	25	16.23	16.41	16.41		
10	256QAM	1	49	16.16	16.40	16.32		
10	256QAM	25	0	16.26	16.43	16.33	18	3.5
10	256QAM	25	12	16.25	16.43	16.29		
10	256QAM	25	25	16.17	16.25	16.21		
10	256QAM	50	0	16.41	16.32	16.22		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.84	19.94	19.89	21.5	0
5	QPSK	1	12	19.73	19.89	19.79		
5	QPSK	1	24	19.70	19.83	19.75		
5	QPSK	12	0	19.80	19.93	19.75	21.5	0
5	QPSK	12	7	19.69	19.82	19.82		
5	QPSK	12	13	19.71	19.73	19.67		
5	QPSK	25	0	19.90	19.95	19.73		
5	16QAM	1	0	19.76	19.79	19.91	21.5	0
5	16QAM	1	12	19.68	19.76	19.81		
5	16QAM	1	24	19.54	19.81	19.69		
5	16QAM	12	0	19.30	19.37	19.45	21	0.5
5	16QAM	12	7	19.28	19.43	19.30		
5	16QAM	12	13	19.24	19.41	19.29		
5	16QAM	25	0	19.27	19.39	19.20		
5	64QAM	1	0	19.21	19.35	19.29	21	0.5
5	64QAM	1	12	19.14	19.25	19.14		
5	64QAM	1	24	19.43	19.44	19.33		
5	64QAM	12	0	18.37	18.47	18.35	20	1.5
5	64QAM	12	7	18.30	18.40	18.38		
5	64QAM	12	13	18.24	18.32	18.26		
5	64QAM	25	0	18.23	18.36	18.33		
5	256QAM	1	0	16.30	16.34	16.35	18	3.5
5	256QAM	1	12	16.31	16.46	16.32		
5	256QAM	1	24	16.16	16.40	16.34		
5	256QAM	12	0	16.23	16.41	16.36	18	3.5
5	256QAM	12	7	16.25	16.41	16.36		
5	256QAM	12	13	16.15	16.27	16.13		
5	256QAM	25	0	16.42	16.28	16.21		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.60	19.73	19.65	19.65	21	0
20	QPSK	1	49	19.58	19.64	19.60	19.66		
20	QPSK	1	99	19.55	19.63	19.63	19.54		
20	QPSK	50	0	19.52	19.69	19.53	19.53	21	0
20	QPSK	50	24	19.49	19.53	19.46	19.62		
20	QPSK	50	50	19.46	19.49	19.56	19.45		
20	QPSK	100	0	19.49	19.66	19.56	19.60		
20	16QAM	1	0	19.51	19.60	19.62	19.62	21	0
20	16QAM	1	49	19.52	19.55	19.52	19.61		
20	16QAM	1	99	19.46	19.58	19.56	19.52		
20	16QAM	50	0	18.61	18.69	18.65	18.67	20	1
20	16QAM	50	24	18.63	18.69	18.58	18.61		
20	16QAM	50	50	18.59	18.59	18.68	18.51		
20	16QAM	100	0	18.58	18.70	18.58	18.51		
20	64QAM	1	0	18.45	18.59	18.41	18.63	20	1
20	64QAM	1	49	18.42	18.51	18.59	18.49		
20	64QAM	1	99	18.47	18.71	18.53	18.66		
20	64QAM	50	0	17.60	17.69	17.69	17.68	19	2
20	64QAM	50	24	17.52	17.66	17.61	17.70		
20	64QAM	50	50	17.60	17.57	17.65	17.56		
20	64QAM	100	0	17.56	17.70	17.59	17.59		
20	256QAM	1	0	15.61	15.70	15.63	15.67	17	4
20	256QAM	1	49	15.57	15.64	15.66	15.63		
20	256QAM	1	99	15.51	15.61	15.68	15.50		
20	256QAM	50	0	15.51	15.67	15.56	15.49	17	4
20	256QAM	50	24	15.54	15.59	15.48	15.64		
20	256QAM	50	50	15.46	15.54	15.53	15.43		
20	256QAM	100	0	15.48	15.65	15.53	15.62		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.53	19.61	19.53	19.53	21	0
15	QPSK	1	37	19.46	19.62	19.55	19.63		
15	QPSK	1	74	19.44	19.60	19.56	19.48		
15	QPSK	36	0	19.46	19.65	19.51	19.46	21	0
15	QPSK	36	20	19.36	19.44	19.39	19.55		
15	QPSK	36	39	19.41	19.38	19.53	19.41		
15	QPSK	75	0	19.45	19.52	19.49	19.50		
15	16QAM	1	0	19.38	19.51	19.57	19.59	21	0
15	16QAM	1	37	19.38	19.50	19.49	19.48		
15	16QAM	1	74	19.39	19.46	19.47	19.44		
15	16QAM	36	0	18.50	18.67	18.60	18.62	20	1
15	16QAM	36	20	18.57	18.56	18.52	18.47		
15	16QAM	36	39	18.50	18.54	18.62	18.49		
15	16QAM	75	0	18.53	18.58	18.47	18.46		
15	64QAM	1	0	18.41	18.51	18.30	18.60	20	1
15	64QAM	1	37	18.37	18.47	18.56	18.46		
15	64QAM	1	74	18.41	18.63	18.45	18.63		
15	64QAM	36	0	17.57	17.58	17.61	17.64	19	2
15	64QAM	36	20	17.47	17.63	17.51	17.61		
15	64QAM	36	39	17.55	17.48	17.60	17.47		
15	64QAM	75	0	17.52	17.68	17.51	17.48		
15	256QAM	1	0	15.54	15.60	15.54	15.65	17	4
15	256QAM	1	37	15.48	15.56	15.57	15.61		
15	256QAM	1	74	15.44	15.50	15.64	15.42		
15	256QAM	36	0	15.48	15.60	15.48	15.38	17	4
15	256QAM	36	20	15.50	15.47	15.42	15.60		
15	256QAM	36	39	15.42	15.41	15.50	15.33		
15	256QAM	75	0	15.38	15.60	15.48	15.52		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.50	19.65	19.53	19.59	21	0
10	QPSK	1	25	19.55	19.61	19.54	19.59		
10	QPSK	1	49	19.43	19.52	19.53	19.51		
10	QPSK	25	0	19.41	19.59	19.40	19.46	21	0
10	QPSK	25	12	19.37	19.45	19.39	19.49		
10	QPSK	25	25	19.44	19.35	19.51	19.39		
10	QPSK	50	0	19.38	19.55	19.44	19.52		
10	16QAM	1	0	19.39	19.49	19.54	19.49	21	0
10	16QAM	1	25	19.43	19.43	19.45	19.56		
10	16QAM	1	49	19.43	19.49	19.51	19.39		
10	16QAM	25	0	18.48	18.58	18.58	18.62	20	1
10	16QAM	25	12	18.50	18.66	18.47	18.55		
10	16QAM	25	25	18.46	18.52	18.64	18.44		
10	16QAM	50	0	18.44	18.64	18.50	18.41		
10	64QAM	1	0	18.37	18.56	18.28	18.58	20	1
10	64QAM	1	25	18.38	18.40	18.54	18.41		
10	64QAM	1	49	18.34	18.61	18.50	18.57		
10	64QAM	25	0	17.58	17.66	17.61	17.56	19	2
10	64QAM	25	12	17.38	17.53	17.52	17.58		
10	64QAM	25	25	17.47	17.49	17.58	17.48		
10	64QAM	50	0	17.53	17.62	17.49	17.48		
10	256QAM	1	0	15.55	15.59	15.52	15.57	17	4
10	256QAM	1	25	15.52	15.55	15.53	15.50		
10	256QAM	1	49	15.38	15.51	15.65	15.47		
10	256QAM	25	0	15.47	15.64	15.46	15.38	17	4
10	256QAM	25	12	15.43	15.54	15.42	15.61		
10	256QAM	25	25	15.42	15.42	15.40	15.36		
10	256QAM	50	0	15.35	15.57	15.42	15.49		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.52	19.68	19.53	19.57	21	0
5	QPSK	1	12	19.56	19.56	19.56	19.61		
5	QPSK	1	24	19.44	19.54	19.56	19.51		
5	QPSK	12	0	19.48	19.56	19.42	19.48	21	0
5	QPSK	12	7	19.46	19.47	19.43	19.49		
5	QPSK	12	13	19.39	19.36	19.47	19.41		
5	QPSK	25	0	19.41	19.61	19.45	19.56		
5	16QAM	1	0	19.38	19.54	19.59	19.52	21	0
5	16QAM	1	12	19.50	19.44	19.46	19.52		
5	16QAM	1	24	19.32	19.47	19.53	19.49		
5	16QAM	12	0	18.57	18.66	18.61	18.54	20	1
5	16QAM	12	7	18.58	18.61	18.45	18.47		
5	16QAM	12	13	18.54	18.50	18.65	18.41		
5	16QAM	25	0	18.47	18.56	18.46	18.38		
5	64QAM	1	0	18.35	18.50	18.34	18.55	20	1
5	64QAM	1	12	18.35	18.42	18.48	18.36		
5	64QAM	1	24	18.34	18.58	18.45	18.53		
5	64QAM	12	0	17.47	17.63	17.61	17.56	19	2
5	64QAM	12	7	17.42	17.55	17.47	17.62		
5	64QAM	12	13	17.51	17.47	17.58	17.53		
5	64QAM	25	0	17.44	17.67	17.46	17.50		
5	256QAM	1	0	15.55	15.62	15.50	15.58	17	4
5	256QAM	1	12	15.49	15.57	15.61	15.54		
5	256QAM	1	24	15.45	15.48	15.64	15.43		
5	256QAM	12	0	15.43	15.59	15.51	15.45	17	4
5	256QAM	12	7	15.45	15.56	15.44	15.57		
5	256QAM	12	13	15.33	15.41	15.46	15.36		
5	256QAM	25	0	15.45	15.57	15.48	15.56		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	15.41	15.65	15.56	16.5	0
20	QPSK	1	49	15.39	15.47	15.59		
20	QPSK	1	99	15.48	15.48	15.62		
20	QPSK	50	0	15.47	15.51	15.59	16.5	0
20	QPSK	50	24	15.48	15.46	15.50		
20	QPSK	50	50	15.48	15.55	15.54		
20	QPSK	100	0	15.39	15.45	15.57		
20	16QAM	1	0	15.43	15.52	15.58	16.5	0
20	16QAM	1	49	15.50	15.52	15.60		
20	16QAM	1	99	15.47	15.52	15.52		
20	16QAM	50	0	15.50	15.52	15.55	16.5	0
20	16QAM	50	24	15.42	15.50	15.57		
20	16QAM	50	50	15.48	15.47	15.57		
20	16QAM	100	0	15.42	15.48	15.62		
20	64QAM	1	0	15.49	15.56	15.56	16.5	0
20	64QAM	1	49	15.49	15.51	15.52		
20	64QAM	1	99	15.39	15.45	15.59		
20	64QAM	50	0	15.50	15.50	15.53	16.5	0
20	64QAM	50	24	15.42	15.48	15.54		
20	64QAM	50	50	15.45	15.49	15.50		
20	64QAM	100	0	15.43	15.46	15.56		
20	256QAM	1	0	15.46	15.52	15.54	16.5	0
20	256QAM	1	49	15.45	15.55	15.59		
20	256QAM	1	99	15.45	15.55	15.57		
20	256QAM	50	0	15.49	15.56	15.50	16.5	0
20	256QAM	50	24	15.41	15.53	15.61		
20	256QAM	50	50	15.42	15.48	15.50		
20	256QAM	100	0	15.47	15.55	15.55		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	15.29	15.43	15.47	16.5	0
15	QPSK	1	37	15.37	15.44	15.50		
15	QPSK	1	74	15.34	15.39	15.45		
15	QPSK	36	0	15.35	15.40	15.42	16.5	0
15	QPSK	36	20	15.31	15.37	15.49		
15	QPSK	36	39	15.39	15.42	15.49		
15	QPSK	75	0	15.41	15.45	15.49		
15	16QAM	1	0	15.34	15.37	15.48	16.5	0
15	16QAM	1	37	15.36	15.39	15.41		
15	16QAM	1	74	15.38	15.45	15.41		
15	16QAM	36	0	15.37	15.44	15.40	16.5	0
15	16QAM	36	20	15.33	15.44	15.49		
15	16QAM	36	39	15.34	15.35	15.47		
15	16QAM	75	0	15.34	15.44	15.48		
15	64QAM	1	0	15.34	15.43	15.45	16.5	0
15	64QAM	1	37	15.40	15.42	15.44		
15	64QAM	1	74	15.36	15.42	15.48		
15	64QAM	36	0	15.36	15.43	15.48	16.5	0
15	64QAM	36	20	15.39	15.36	15.48		
15	64QAM	36	39	15.37	15.41	15.47		
15	64QAM	75	0	15.31	15.47	15.48		
15	256QAM	1	0	15.33	15.46	15.51	16.5	0
15	256QAM	1	37	15.32	15.40	15.49		
15	256QAM	1	74	15.31	15.37	15.50		
15	256QAM	36	0	15.35	15.38	15.42	16.5	0
15	256QAM	36	20	15.37	15.45	15.43		
15	256QAM	36	39	15.31	15.45	15.43		
15	256QAM	75	0	15.41	15.46	15.47		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	15.39	15.41	15.43	16.5	0
10	QPSK	1	25	15.33	15.38	15.50		
10	QPSK	1	49	15.31	15.43	15.44		
10	QPSK	25	0	15.35	15.39	15.45	16.5	0
10	QPSK	25	12	15.31	15.36	15.52		
10	QPSK	25	25	15.38	15.40	15.42		
10	QPSK	50	0	15.33	15.41	15.49		
10	16QAM	1	0	15.40	15.38	15.40	16.5	0
10	16QAM	1	25	15.35	15.36	15.47		
10	16QAM	1	49	15.34	15.42	15.45		
10	16QAM	25	0	15.36	15.38	15.45	16.5	0
10	16QAM	25	12	15.35	15.46	15.45		
10	16QAM	25	25	15.36	15.47	15.47		
10	16QAM	50	0	15.31	15.40	15.48		
10	64QAM	1	0	15.29	15.36	15.45	16.5	0
10	64QAM	1	25	15.34	15.42	15.49		
10	64QAM	1	49	15.34	15.38	15.48		
10	64QAM	25	0	15.32	15.46	15.47	16.5	0
10	64QAM	25	12	15.33	15.45	15.48		
10	64QAM	25	25	15.39	15.42	15.47		
10	64QAM	50	0	15.29	15.43	15.48		
10	256QAM	1	0	15.32	15.40	15.46	16.5	0
10	256QAM	1	25	15.35	15.38	15.49		
10	256QAM	1	49	15.35	15.39	15.41		
10	256QAM	25	0	15.34	15.36	15.47	16.5	0
10	256QAM	25	12	15.37	15.43	15.49		
10	256QAM	25	25	15.38	15.43	15.44		
10	256QAM	50	0	15.30	15.47	15.51		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	15.40	15.42	15.40	16.5	0
5	QPSK	1	12	15.30	15.47	15.49		
5	QPSK	1	24	15.41	15.39	15.46		
5	QPSK	12	0	15.32	15.40	15.41	16.5	0
5	QPSK	12	7	15.39	15.39	15.44		
5	QPSK	12	13	15.41	15.40	15.45		
5	QPSK	25	0	15.30	15.41	15.41		
5	16QAM	1	0	15.35	15.42	15.50	16.5	0
5	16QAM	1	12	15.34	15.35	15.48		
5	16QAM	1	24	15.35	15.35	15.51		
5	16QAM	12	0	15.34	15.37	15.51	16.5	0
5	16QAM	12	7	15.36	15.41	15.41		
5	16QAM	12	13	15.38	15.39	15.47		
5	16QAM	25	0	15.30	15.45	15.41		
5	64QAM	1	0	15.31	15.38	15.48	16.5	0
5	64QAM	1	12	15.37	15.46	15.51		
5	64QAM	1	24	15.39	15.36	15.47		
5	64QAM	12	0	15.32	15.37	15.44	16.5	0
5	64QAM	12	7	15.31	15.38	15.42		
5	64QAM	12	13	15.35	15.44	15.51		
5	64QAM	25	0	15.30	15.35	15.40		
5	256QAM	1	0	15.32	15.47	15.41	16.5	0
5	256QAM	1	12	15.37	15.44	15.49		
5	256QAM	1	24	15.32	15.37	15.45		
5	256QAM	12	0	15.40	15.45	15.46	16.5	0
5	256QAM	12	7	15.37	15.40	15.49		
5	256QAM	12	13	15.33	15.44	15.45		
5	256QAM	25	0	15.30	15.39	15.44		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	15.91	16.15	16.00	16.01	17	0
20	QPSK	1	49	15.91	16.07	16.03	15.96		
20	QPSK	1	99	15.94	16.11	16.02	16.01		
20	QPSK	50	0	15.89	16.05	16.05	16.05	17	0
20	QPSK	50	24	15.92	16.07	16.06	15.96		
20	QPSK	50	50	15.91	16.03	16.05	16.03		
20	QPSK	100	0	15.93	16.10	15.98	16.05		
20	16QAM	1	0	15.90	16.08	16.00	15.98	17	0
20	16QAM	1	49	15.97	16.13	15.99	15.95		
20	16QAM	1	99	15.91	16.12	16.03	16.02		
20	16QAM	50	0	15.90	16.09	15.95	16.00	17	0
20	16QAM	50	24	15.95	16.05	15.95	15.99		
20	16QAM	50	50	15.91	16.07	16.00	16.03		
20	16QAM	100	0	15.91	16.03	16.05	15.95		
20	64QAM	1	0	15.98	16.12	15.99	16.05	17	0
20	64QAM	1	49	16.00	16.06	15.98	16.02		
20	64QAM	1	99	16.00	16.09	16.00	15.99		
20	64QAM	50	0	15.90	16.11	16.02	15.95	17	0
20	64QAM	50	24	15.96	16.13	16.07	15.95		
20	64QAM	50	50	15.89	16.11	15.97	15.99		
20	64QAM	100	0	15.96	16.13	16.01	15.98		
20	256QAM	1	0	15.96	16.03	15.95	15.99	17	0
20	256QAM	1	49	15.97	16.07	15.95	16.03		
20	256QAM	1	99	16.01	16.02	16.05	16.00		
20	256QAM	50	0	15.99	16.05	16.03	15.98	17	0
20	256QAM	50	24	16.00	16.08	16.03	15.97		
20	256QAM	50	50	15.89	16.02	16.03	15.97		
20	256QAM	100	0	15.96	16.06	15.96	16.04		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	15.87	15.93	15.94	15.95	17	0
15	QPSK	1	37	15.87	16.00	15.86	15.95		
15	QPSK	1	74	15.81	15.96	15.96	15.92		
15	QPSK	36	0	15.82	15.91	15.85	15.93	17	0
15	QPSK	36	20	15.89	15.91	15.87	15.86		
15	QPSK	36	39	15.86	16.00	15.95	15.93		
15	QPSK	75	0	15.91	16.00	15.86	15.93		
15	16QAM	1	0	15.86	16.02	15.90	15.91	17	0
15	16QAM	1	37	15.86	15.92	15.95	15.88		
15	16QAM	1	74	15.88	15.95	15.97	15.95		
15	16QAM	36	0	15.85	15.98	15.86	15.90	17	0
15	16QAM	36	20	15.85	15.92	15.92	15.88		
15	16QAM	36	39	15.82	15.92	15.93	15.85		
15	16QAM	75	0	15.82	16.00	15.88	15.89		
15	64QAM	1	0	15.86	15.98	15.86	15.87	17	0
15	64QAM	1	37	15.80	15.98	15.89	15.92		
15	64QAM	1	74	15.86	15.99	15.87	15.91		
15	64QAM	36	0	15.86	15.96	15.90	15.92	17	0
15	64QAM	36	20	15.84	16.02	15.92	15.91		
15	64QAM	36	39	15.84	15.92	15.96	15.91		
15	64QAM	75	0	15.84	15.92	15.90	15.95		
15	256QAM	1	0	15.79	15.97	15.95	15.85	17	0
15	256QAM	1	37	15.85	15.95	15.86	15.86		
15	256QAM	1	74	15.89	15.96	15.94	15.91		
15	256QAM	36	0	15.83	16.01	15.88	15.88	17	0
15	256QAM	36	20	15.84	15.96	15.90	15.86		
15	256QAM	36	39	15.80	15.97	15.89	15.89		
15	256QAM	75	0	15.80	15.98	15.90	15.91		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	15.85	15.91	15.92	15.85	17	0
10	QPSK	1	25	15.88	16.00	15.94	15.86		
10	QPSK	1	49	15.89	15.97	15.89	15.95		
10	QPSK	25	0	15.83	15.99	15.96	15.95	17	0
10	QPSK	25	12	15.88	16.00	15.86	15.90		
10	QPSK	25	25	15.85	15.94	15.88	15.88		
10	QPSK	50	0	15.80	15.99	15.93	15.93		
10	16QAM	1	0	15.85	16.01	15.88	15.95	17	0
10	16QAM	1	25	15.80	16.00	15.90	15.94		
10	16QAM	1	49	15.82	16.03	15.89	15.90		
10	16QAM	25	0	15.88	15.94	15.96	15.84	17	0
10	16QAM	25	12	15.82	16.01	15.90	15.85		
10	16QAM	25	25	15.89	16.01	15.93	15.96		
10	16QAM	50	0	15.84	15.99	15.86	15.90		
10	64QAM	1	0	15.89	16.02	15.90	15.93	17	0
10	64QAM	1	25	15.88	15.95	15.94	15.84		
10	64QAM	1	49	15.91	15.99	15.86	15.87		
10	64QAM	25	0	15.85	15.92	15.89	15.95	17	0
10	64QAM	25	12	15.90	16.01	15.91	15.91		
10	64QAM	25	25	15.88	15.98	15.95	15.95		
10	64QAM	50	0	15.86	16.00	15.85	15.85		
10	256QAM	1	0	15.82	15.92	15.97	15.93	17	0
10	256QAM	1	25	15.84	15.91	15.95	15.96		
10	256QAM	1	49	15.86	15.94	15.89	15.93		
10	256QAM	25	0	15.86	15.97	15.90	15.94	17	0
10	256QAM	25	12	15.82	16.01	15.87	15.88		
10	256QAM	25	25	15.79	15.98	15.91	15.91		
10	256QAM	50	0	15.87	16.00	15.96	15.95		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	15.85	15.92	15.95	15.95	17	0
5	QPSK	1	12	15.80	15.98	15.96	15.85		
5	QPSK	1	24	15.82	16.00	15.94	15.87		
5	QPSK	12	0	15.79	15.96	15.90	15.87	17	0
5	QPSK	12	7	15.82	15.94	15.95	15.93		
5	QPSK	12	13	15.82	15.91	15.93	15.87		
5	QPSK	25	0	15.84	15.95	15.95	15.88		
5	16QAM	1	0	15.82	15.96	15.86	15.91	17	0
5	16QAM	1	12	15.88	15.92	15.91	15.87		
5	16QAM	1	24	15.80	16.00	15.96	15.87		
5	16QAM	12	0	15.90	16.01	15.86	15.95	17	0
5	16QAM	12	7	15.90	15.94	15.97	15.90		
5	16QAM	12	13	15.91	15.94	15.86	15.86		
5	16QAM	25	0	15.81	15.94	15.90	15.90		
5	64QAM	1	0	15.80	15.95	15.92	15.93	17	0
5	64QAM	1	12	15.89	15.94	15.95	15.86		
5	64QAM	1	24	15.80	15.99	15.97	15.84		
5	64QAM	12	0	15.87	15.93	15.96	15.89	17	0
5	64QAM	12	7	15.80	16.02	15.96	15.89		
5	64QAM	12	13	15.87	15.95	15.87	15.95		
5	64QAM	25	0	15.89	15.92	15.93	15.95		
5	256QAM	1	0	15.87	15.99	15.87	15.93	17	0
5	256QAM	1	12	15.87	15.98	15.96	15.87		
5	256QAM	1	24	15.82	15.93	15.93	15.93		
5	256QAM	12	0	15.85	15.98	15.94	15.87	17	0
5	256QAM	12	7	15.79	15.97	15.93	15.91		
5	256QAM	12	13	15.79	15.92	15.89	15.94		
5	256QAM	25	0	15.82	16.02	15.96	15.87		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.08	17.21	17.10	18.5	0
20	QPSK	1	49	16.98	17.11	17.04		
20	QPSK	1	99	17.04	17.07	17.09		
20	QPSK	50	0	17.09	17.06	17.09	18.5	0
20	QPSK	50	24	17.08	17.15	17.10		
20	QPSK	50	50	17.09	17.07	17.12		
20	QPSK	100	0	17.00	17.13	17.07		
20	16QAM	1	0	17.02	17.09	17.07	18.5	0
20	16QAM	1	49	17.09	17.14	17.06		
20	16QAM	1	99	16.99	17.14	17.06		
20	16QAM	50	0	17.03	17.12	17.10	18.5	0
20	16QAM	50	24	17.02	17.11	17.06		
20	16QAM	50	50	17.03	17.13	17.09		
20	16QAM	100	0	17.08	17.11	17.06		
20	64QAM	1	0	17.09	17.08	17.10	18.5	0
20	64QAM	1	49	17.09	17.10	17.03		
20	64QAM	1	99	17.00	17.08	17.07		
20	64QAM	50	0	17.01	17.15	17.07	18.5	0
20	64QAM	50	24	17.00	17.10	17.05		
20	64QAM	50	50	17.01	17.07	17.08		
20	64QAM	100	0	17.09	17.05	17.13		
20	256QAM	1	0	17.07	17.14	17.13	18.5	0
20	256QAM	1	49	17.03	17.13	17.06		
20	256QAM	1	99	17.06	17.08	17.03		
20	256QAM	50	0	17.09	17.13	17.12	18.5	0
20	256QAM	50	24	17.09	17.16	17.03		
20	256QAM	50	50	17.06	17.10	17.12		
20	256QAM	100	0	17.04	17.11	17.02		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	16.94	17.02	16.99	18.5	0
15	QPSK	1	37	16.96	16.98	17.00		
15	QPSK	1	74	16.92	17.01	17.00		
15	QPSK	36	0	16.99	16.99	17.03	18.5	0
15	QPSK	36	20	16.99	17.03	17.01		
15	QPSK	36	39	16.93	17.05	16.95		
15	QPSK	75	0	17.00	16.97	17.03		
15	16QAM	1	0	16.88	16.99	16.99	18.5	0
15	16QAM	1	37	16.94	16.96	17.03		
15	16QAM	1	74	16.97	16.98	16.93		
15	16QAM	36	0	16.89	17.03	16.95	18.5	0
15	16QAM	36	20	16.95	16.96	16.98		
15	16QAM	36	39	16.98	17.03	16.94		
15	16QAM	75	0	16.89	17.01	16.93		
15	64QAM	1	0	16.96	16.94	17.03	18.5	0
15	64QAM	1	37	16.96	16.97	16.95		
15	64QAM	1	74	16.90	17.06	17.02		
15	64QAM	36	0	16.90	16.94	17.00	18.5	0
15	64QAM	36	20	16.98	17.00	16.99		
15	64QAM	36	39	17.00	16.96	16.97		
15	64QAM	75	0	16.91	16.95	16.96		
15	256QAM	1	0	16.92	17.00	16.93	18.5	0
15	256QAM	1	37	16.92	17.01	16.94		
15	256QAM	1	74	16.99	16.94	16.96		
15	256QAM	36	0	16.98	17.02	16.99	18.5	0
15	256QAM	36	20	16.91	17.03	17.02		
15	256QAM	36	39	16.88	17.06	16.96		
15	256QAM	75	0	16.91	16.96	16.97		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	16.97	17.00	16.93	18.5	0
10	QPSK	1	25	16.95	17.00	16.98		
10	QPSK	1	49	16.92	16.96	17.00		
10	QPSK	25	0	16.89	17.02	16.93	18.5	0
10	QPSK	25	12	16.97	16.96	17.02		
10	QPSK	25	25	16.91	17.02	16.92		
10	QPSK	50	0	16.89	17.06	16.96		
10	16QAM	1	0	16.95	17.01	16.96	18.5	0
10	16QAM	1	25	16.98	17.02	16.95		
10	16QAM	1	49	16.90	17.02	17.03		
10	16QAM	25	0	17.00	17.03	17.00	18.5	0
10	16QAM	25	12	16.97	17.01	17.02		
10	16QAM	25	25	16.99	16.98	16.95		
10	16QAM	50	0	16.88	16.99	16.98		
10	64QAM	1	0	16.89	17.05	16.97	18.5	0
10	64QAM	1	25	16.95	17.06	16.94		
10	64QAM	1	49	16.95	17.04	16.96		
10	64QAM	25	0	16.95	17.00	17.00	18.5	0
10	64QAM	25	12	16.90	17.03	16.99		
10	64QAM	25	25	16.95	17.05	16.97		
10	64QAM	50	0	16.89	16.99	16.98		
10	256QAM	1	0	16.96	17.05	17.02	18.5	0
10	256QAM	1	25	16.92	16.96	17.02		
10	256QAM	1	49	16.89	17.01	16.98		
10	256QAM	25	0	16.99	17.02	17.01	18.5	0
10	256QAM	25	12	16.93	16.99	16.93		
10	256QAM	25	25	16.98	16.99	16.94		
10	256QAM	50	0	16.88	16.97	17.04		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	16.90	16.95	17.03	18.5	0
5	QPSK	1	12	16.98	16.94	16.93		
5	QPSK	1	24	17.00	17.05	16.93		
5	QPSK	12	0	16.94	17.02	16.94	18.5	0
5	QPSK	12	7	16.90	17.02	17.03		
5	QPSK	12	13	16.91	17.06	17.01		
5	QPSK	25	0	16.97	17.04	16.95		
5	16QAM	1	0	16.96	16.96	16.94	18.5	0
5	16QAM	1	12	16.98	16.95	16.98		
5	16QAM	1	24	16.89	17.06	16.93		
5	16QAM	12	0	16.91	17.05	16.99	18.5	0
5	16QAM	12	7	16.91	16.96	17.01		
5	16QAM	12	13	16.94	16.96	17.00		
5	16QAM	25	0	16.99	17.05	17.00		
5	64QAM	1	0	16.96	16.97	17.01	18.5	0
5	64QAM	1	12	16.95	17.04	17.01		
5	64QAM	1	24	16.95	16.95	17.00		
5	64QAM	12	0	17.00	17.02	17.03	18.5	0
5	64QAM	12	7	16.98	17.02	17.00		
5	64QAM	12	13	16.91	17.00	17.00		
5	64QAM	25	0	16.92	17.06	16.97		
5	256QAM	1	0	16.96	17.01	16.92	18.5	0
5	256QAM	1	12	16.97	16.96	16.98		
5	256QAM	1	24	16.95	17.05	16.97		
5	256QAM	12	0	16.93	16.99	17.03	18.5	0
5	256QAM	12	7	16.98	16.97	17.00		
5	256QAM	12	13	16.98	16.96	16.95		
5	256QAM	25	0	16.93	16.95	17.04		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.29	18.49	18.32	18.28	20	0
20	QPSK	1	49	18.31	18.39	18.32	18.31		
20	QPSK	1	99	18.26	18.43	18.31	18.30		
20	QPSK	50	0	18.34	18.37	18.32	18.23	20	0
20	QPSK	50	24	18.35	18.46	18.33	18.32		
20	QPSK	50	50	18.28	18.37	18.31	18.23		
20	QPSK	100	0	18.36	18.45	18.32	18.28		
20	16QAM	1	0	18.37	18.40	18.37	18.27	20	0
20	16QAM	1	49	18.31	18.44	18.36	18.34		
20	16QAM	1	99	18.31	18.45	18.39	18.34		
20	16QAM	50	0	18.34	18.36	18.40	18.30	20	0
20	16QAM	50	24	18.37	18.46	18.33	18.29		
20	16QAM	50	50	18.36	18.40	18.30	18.31		
20	16QAM	100	0	18.28	18.45	18.30	18.34		
20	64QAM	1	0	18.36	18.35	18.30	18.23	20	0
20	64QAM	1	49	18.36	18.40	18.37	18.28		
20	64QAM	1	99	18.32	18.37	18.36	18.23		
20	64QAM	50	0	18.35	18.42	18.35	18.26	20	0
20	64QAM	50	24	18.27	18.37	18.37	18.27		
20	64QAM	50	50	18.33	18.35	18.32	18.28		
20	64QAM	100	0	18.29	18.34	18.30	18.33		
20	256QAM	1	0	18.29	18.44	18.31	18.27	20	0
20	256QAM	1	49	18.34	18.44	18.35	18.24		
20	256QAM	1	99	18.28	18.37	18.38	18.23		
20	256QAM	50	0	18.26	18.43	18.38	18.25	20	0
20	256QAM	50	24	18.36	18.35	18.33	18.23		
20	256QAM	50	50	18.28	18.38	18.41	18.29		
20	256QAM	100	0	18.27	18.35	18.38	18.30		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.25	18.27	18.30	18.24	20	0
15	QPSK	1	37	18.21	18.24	18.28	18.16		
15	QPSK	1	74	18.25	18.26	18.29	18.20		
15	QPSK	36	0	18.19	18.35	18.25	18.19	20	0
15	QPSK	36	20	18.19	18.24	18.22	18.20		
15	QPSK	36	39	18.17	18.29	18.21	18.23		
15	QPSK	75	0	18.26	18.35	18.28	18.21		
15	16QAM	1	0	18.26	18.33	18.27	18.17	20	0
15	16QAM	1	37	18.17	18.28	18.29	18.20		
15	16QAM	1	74	18.24	18.29	18.21	18.20		
15	16QAM	36	0	18.20	18.31	18.26	18.18	20	0
15	16QAM	36	20	18.28	18.28	18.26	18.18		
15	16QAM	36	39	18.23	18.35	18.29	18.24		
15	16QAM	75	0	18.22	18.28	18.23	18.21		
15	64QAM	1	0	18.26	18.35	18.29	18.13	20	0
15	64QAM	1	37	18.26	18.30	18.22	18.21		
15	64QAM	1	74	18.28	18.31	18.23	18.23		
15	64QAM	36	0	18.27	18.25	18.30	18.21	20	0
15	64QAM	36	20	18.17	18.24	18.29	18.21		
15	64QAM	36	39	18.16	18.29	18.20	18.15		
15	64QAM	75	0	18.19	18.34	18.22	18.22		
15	256QAM	1	0	18.28	18.28	18.26	18.16	20	0
15	256QAM	1	37	18.23	18.26	18.22	18.22		
15	256QAM	1	74	18.20	18.34	18.25	18.22		
15	256QAM	36	0	18.21	18.35	18.28	18.23	20	0
15	256QAM	36	20	18.18	18.29	18.26	18.14		
15	256QAM	36	39	18.17	18.26	18.30	18.21		
15	256QAM	75	0	18.18	18.34	18.20	18.19		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.26	18.36	18.28	18.15	20	0
10	QPSK	1	25	18.28	18.29	18.22	18.24		
10	QPSK	1	49	18.21	18.30	18.30	18.17		
10	QPSK	25	0	18.21	18.25	18.23	18.15	20	0
10	QPSK	25	12	18.17	18.26	18.24	18.21		
10	QPSK	25	25	18.21	18.31	18.22	18.22		
10	QPSK	50	0	18.18	18.32	18.30	18.19		
10	16QAM	1	0	18.20	18.32	18.24	18.14	20	0
10	16QAM	1	25	18.21	18.30	18.25	18.23		
10	16QAM	1	49	18.17	18.25	18.24	18.23		
10	16QAM	25	0	18.19	18.24	18.29	18.17	20	0
10	16QAM	25	12	18.26	18.25	18.25	18.21		
10	16QAM	25	25	18.21	18.26	18.31	18.17		
10	16QAM	50	0	18.22	18.24	18.30	18.24		
10	64QAM	1	0	18.27	18.27	18.24	18.17	20	0
10	64QAM	1	25	18.26	18.27	18.22	18.15		
10	64QAM	1	49	18.20	18.25	18.29	18.16		
10	64QAM	25	0	18.21	18.25	18.29	18.19	20	0
10	64QAM	25	12	18.17	18.24	18.29	18.19		
10	64QAM	25	25	18.17	18.29	18.25	18.22		
10	64QAM	50	0	18.28	18.29	18.29	18.19		
10	256QAM	1	0	18.16	18.29	18.30	18.23	20	0
10	256QAM	1	25	18.16	18.34	18.30	18.23		
10	256QAM	1	49	18.16	18.29	18.20	18.17		
10	256QAM	25	0	18.23	18.27	18.25	18.17	20	0
10	256QAM	25	12	18.27	18.26	18.28	18.20		
10	256QAM	25	25	18.19	18.34	18.27	18.14		
10	256QAM	50	0	18.20	18.28	18.24	18.18		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.27	18.35	18.29	18.24	20	0
5	QPSK	1	12	18.19	18.28	18.22	18.22		
5	QPSK	1	24	18.26	18.26	18.31	18.15		
5	QPSK	12	0	18.22	18.30	18.23	18.15	20	0
5	QPSK	12	7	18.27	18.33	18.23	18.17		
5	QPSK	12	13	18.21	18.29	18.20	18.20		
5	QPSK	25	0	18.26	18.27	18.20	18.22		
5	16QAM	1	0	18.20	18.34	18.23	18.20	20	0
5	16QAM	1	12	18.25	18.34	18.19	18.19		
5	16QAM	1	24	18.17	18.33	18.21	18.25		
5	16QAM	12	0	18.20	18.31	18.31	18.18	20	0
5	16QAM	12	7	18.27	18.32	18.19	18.15		
5	16QAM	12	13	18.18	18.34	18.21	18.21		
5	16QAM	25	0	18.26	18.34	18.20	18.20		
5	64QAM	1	0	18.28	18.32	18.23	18.21	20	0
5	64QAM	1	12	18.28	18.30	18.31	18.19		
5	64QAM	1	24	18.24	18.34	18.30	18.24		
5	64QAM	12	0	18.20	18.26	18.23	18.16	20	0
5	64QAM	12	7	18.22	18.25	18.30	18.19		
5	64QAM	12	13	18.26	18.28	18.25	18.21		
5	64QAM	25	0	18.23	18.32	18.30	18.24		
5	256QAM	1	0	18.17	18.26	18.28	18.21	20	0
5	256QAM	1	12	18.20	18.29	18.21	18.22		
5	256QAM	1	24	18.24	18.31	18.28	18.19		
5	256QAM	12	0	18.17	18.31	18.30	18.16	20	0
5	256QAM	12	7	18.25	18.35	18.21	18.23		
5	256QAM	12	13	18.20	18.36	18.23	18.17		
5	256QAM	25	0	18.20	18.33	18.25	18.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.52	23.55	23.48	25	0
20	QPSK	1	49	23.48	23.51	23.42		
20	QPSK	1	99	23.39	23.48	23.40		
20	QPSK	50	0	22.50	22.60	22.44	24	1
20	QPSK	50	24	22.44	22.50	22.39		
20	QPSK	50	50	22.34	22.47	22.41		
20	QPSK	100	0	22.50	22.57	22.50		
20	16QAM	1	0	22.53	22.55	22.54	24	1
20	16QAM	1	49	22.54	22.54	22.39		
20	16QAM	1	99	22.39	22.46	22.35		
20	16QAM	50	0	21.45	21.56	21.47	23	2
20	16QAM	50	24	21.44	21.54	21.44		
20	16QAM	50	50	21.28	21.44	21.36		
20	16QAM	100	0	21.49	21.58	21.46		
20	64QAM	1	0	21.56	21.60	21.49	23	2
20	64QAM	1	49	21.55	21.57	21.45		
20	64QAM	1	99	21.39	21.48	21.39		
20	64QAM	50	0	20.47	20.60	20.50	22	3
20	64QAM	50	24	20.46	20.50	20.39		
20	64QAM	50	50	20.39	20.42	20.38		
20	64QAM	100	0	20.50	20.58	20.54		
20	256QAM	1	0	18.44	18.55	18.44	20	5
20	256QAM	1	49	18.44	18.52	18.35		
20	256QAM	1	99	18.39	18.49	18.47		
20	256QAM	50	0	18.55	18.54	18.51	20	5
20	256QAM	50	24	18.48	18.50	18.49		
20	256QAM	50	50	18.51	18.48	18.34		
20	256QAM	100	0	18.37	18.50	18.34		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.47	23.46	23.45	25	0
15	QPSK	1	37	23.35	23.46	23.32		
15	QPSK	1	74	23.30	23.35	23.34		
15	QPSK	36	0	22.48	22.50	22.34	24	1
15	QPSK	36	20	22.36	22.47	22.27		
15	QPSK	36	39	22.23	22.43	22.38		
15	QPSK	75	0	22.41	22.51	22.41		
15	16QAM	1	0	22.42	22.50	22.45	24	1
15	16QAM	1	37	22.42	22.48	22.29		
15	16QAM	1	74	22.25	22.37	22.26		
15	16QAM	36	0	21.40	21.49	21.41	23	2
15	16QAM	36	20	21.36	21.41	21.31		
15	16QAM	36	39	21.18	21.32	21.32		
15	16QAM	75	0	21.37	21.46	21.33		
15	64QAM	1	0	21.43	21.46	21.46	23	2
15	64QAM	1	37	21.53	21.52	21.42		
15	64QAM	1	74	21.28	21.39	21.34		
15	64QAM	36	0	20.35	20.54	20.42	22	3
15	64QAM	36	20	20.39	20.42	20.37		
15	64QAM	36	39	20.34	20.34	20.33		
15	64QAM	75	0	20.40	20.56	20.48		
15	256QAM	1	0	18.32	18.49	18.41	20	5
15	256QAM	1	37	18.39	18.42	18.30		
15	256QAM	1	74	18.36	18.37	18.40		
15	256QAM	36	0	18.46	18.49	18.41	20	5
15	256QAM	36	20	18.41	18.43	18.37		
15	256QAM	36	39	18.37	18.45	18.30		
15	256QAM	75	0	18.33	18.38	18.23		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.39	23.45	23.42	25	0
10	QPSK	1	25	23.44	23.38	23.38		
10	QPSK	1	49	23.33	23.40	23.30		
10	QPSK	25	0	22.41	22.54	22.33	24	1
10	QPSK	25	12	22.39	22.46	22.30		
10	QPSK	25	25	22.28	22.35	22.30		
10	QPSK	50	0	22.37	22.48	22.43		
10	16QAM	1	0	22.48	22.46	22.50	24	1
10	16QAM	1	25	22.44	22.50	22.35		
10	16QAM	1	49	22.31	22.38	22.21		
10	16QAM	25	0	21.42	21.54	21.43	23	2
10	16QAM	25	12	21.42	21.47	21.38		
10	16QAM	25	25	21.26	21.32	21.29		
10	16QAM	50	0	21.46	21.49	21.32		
10	64QAM	1	0	21.47	21.48	21.37	23	2
10	64QAM	1	25	21.46	21.50	21.33		
10	64QAM	1	49	21.30	21.40	21.27		
10	64QAM	25	0	20.33	20.48	20.36	22	3
10	64QAM	25	12	20.42	20.46	20.33		
10	64QAM	25	25	20.26	20.32	20.35		
10	64QAM	50	0	20.39	20.48	20.46		
10	256QAM	1	0	18.41	18.41	18.32	20	5
10	256QAM	1	25	18.41	18.40	18.24		
10	256QAM	1	49	18.34	18.45	18.33		
10	256QAM	25	0	18.42	18.47	18.42	20	5
10	256QAM	25	12	18.41	18.45	18.47		
10	256QAM	25	25	18.45	18.35	18.28		
10	256QAM	50	0	18.31	18.37	18.23		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.42	23.53	23.35	25	0
5	QPSK	1	12	23.36	23.48	23.39		
5	QPSK	1	24	23.27	23.34	23.32		
5	QPSK	12	0	22.44	22.49	22.38	24	1
5	QPSK	12	7	22.33	22.37	22.27		
5	QPSK	12	13	22.30	22.43	22.38		
5	QPSK	25	0	22.48	22.54	22.37		
5	16QAM	1	0	22.50	22.49	22.50	24	1
5	16QAM	1	12	22.49	22.40	22.28		
5	16QAM	1	24	22.31	22.43	22.32		
5	16QAM	12	0	21.39	21.49	21.43	23	2
5	16QAM	12	7	21.41	21.44	21.40		
5	16QAM	12	13	21.19	21.35	21.25		
5	16QAM	25	0	21.40	21.55	21.35		
5	64QAM	1	0	21.52	21.52	21.37	23	2
5	64QAM	1	12	21.42	21.50	21.42		
5	64QAM	1	24	21.26	21.44	21.34		
5	64QAM	12	0	20.45	20.50	20.37	22	3
5	64QAM	12	7	20.36	20.43	20.27		
5	64QAM	12	13	20.31	20.38	20.30		
5	64QAM	25	0	20.42	20.56	20.47		
5	256QAM	1	0	18.38	18.52	18.30	20	5
5	256QAM	1	12	18.30	18.46	18.24		
5	256QAM	1	24	18.32	18.43	18.39		
5	256QAM	12	0	18.50	18.42	18.38	20	5
5	256QAM	12	7	18.44	18.37	18.43		
5	256QAM	12	13	18.41	18.35	18.32		
5	256QAM	25	0	18.24	18.40	18.30		

Band 48 Ant 8 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.49	22.65	22.55	22.60	24	0
20	QPSK	1	49	22.41	22.59	22.44	22.49		
20	QPSK	1	99	22.44	22.58	22.51	22.47		
20	QPSK	50	0	21.46	21.70	21.54	21.59	23	1
20	QPSK	50	24	21.36	21.57	21.49	21.50		
20	QPSK	50	50	21.40	21.55	21.48	21.46		
20	QPSK	100	0	21.47	21.66	21.61	21.64		
20	16QAM	1	0	21.47	21.62	21.50	21.54	23	1
20	16QAM	1	49	21.39	21.54	21.49	21.47		
20	16QAM	1	99	21.44	21.61	21.56	21.52		
20	16QAM	50	0	20.44	20.74	20.52	20.56	22	2
20	16QAM	50	24	20.36	20.62	20.44	20.46		
20	16QAM	50	50	20.43	20.59	20.53	20.48		
20	16QAM	100	0	20.51	20.71	20.62	20.63		
20	64QAM	1	0	20.48	20.65	20.49	20.51	22	2
20	64QAM	1	49	20.39	20.53	20.44	20.44		
20	64QAM	1	99	20.42	20.65	20.56	20.47		
20	64QAM	50	0	19.42	19.65	19.56	19.63	21	3
20	64QAM	50	24	19.41	19.57	19.51	19.50		
20	64QAM	50	50	19.40	19.54	19.51	19.49		
20	64QAM	100	0	19.51	19.68	19.56	19.60		
20	256QAM	1	0	17.44	17.71	17.51	17.57	19	5
20	256QAM	1	49	17.40	17.56	17.51	17.55		
20	256QAM	1	99	17.37	17.54	17.49	17.42		
20	256QAM	50	0	17.41	17.61	17.61	17.69	19	5
20	256QAM	50	24	17.45	17.66	17.53	17.57		
20	256QAM	50	50	17.37	17.50	17.46	17.43		
20	256QAM	100	0	17.40	17.60	17.56	17.56		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.42	22.54	22.48	22.49	24	0
15	QPSK	1	37	22.34	22.48	22.40	22.40		
15	QPSK	1	74	22.31	22.54	22.38	22.42		
15	QPSK	36	0	21.32	21.68	21.41	21.50	23	1
15	QPSK	36	20	21.24	21.54	21.41	21.45		
15	QPSK	36	39	21.30	21.50	21.43	21.33		
15	QPSK	75	0	21.40	21.60	21.56	21.62		
15	16QAM	1	0	21.34	21.58	21.45	21.43	23	1
15	16QAM	1	37	21.30	21.43	21.39	21.40		
15	16QAM	1	74	21.30	21.52	21.52	21.46		
15	16QAM	36	0	20.36	20.71	20.45	20.45	22	2
15	16QAM	36	20	20.23	20.58	20.40	20.42		
15	16QAM	36	39	20.39	20.57	20.49	20.42		
15	16QAM	75	0	20.40	20.68	20.56	20.58		
15	64QAM	1	0	20.38	20.55	20.43	20.44	22	2
15	64QAM	1	37	20.33	20.50	20.37	20.40		
15	64QAM	1	74	20.40	20.61	20.48	20.45		
15	64QAM	36	0	19.32	19.62	19.43	19.56	21	3
15	64QAM	36	20	19.35	19.55	19.49	19.42		
15	64QAM	36	39	19.36	19.46	19.37	19.36		
15	64QAM	75	0	19.46	19.54	19.52	19.54		
15	256QAM	1	0	17.38	17.65	17.45	17.51	19	5
15	256QAM	1	37	17.31	17.50	17.45	17.47		
15	256QAM	1	74	17.27	17.46	17.38	17.31		
15	256QAM	36	0	17.34	17.49	17.55	17.60	19	5
15	256QAM	36	20	17.38	17.60	17.46	17.45		
15	256QAM	36	39	17.27	17.40	17.38	17.29		
15	256QAM	75	0	17.34	17.51	17.51	17.46		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.42	22.56	22.45	22.51	24	0
10	QPSK	1	25	22.33	22.47	22.34	22.45		
10	QPSK	1	49	22.39	22.46	22.44	22.35		
10	QPSK	25	0	21.36	21.68	21.47	21.52	23	1
10	QPSK	25	12	21.29	21.45	21.42	21.45		
10	QPSK	25	25	21.30	21.42	21.36	21.32		
10	QPSK	50	0	21.41	21.52	21.52	21.59		
10	16QAM	1	0	21.42	21.54	21.38	21.49	23	1
10	16QAM	1	25	21.36	21.48	21.41	21.43		
10	16QAM	1	49	21.31	21.54	21.43	21.49		
10	16QAM	25	0	20.39	20.64	20.46	20.52	22	2
10	16QAM	25	12	20.23	20.57	20.35	20.36		
10	16QAM	25	25	20.37	20.47	20.50	20.36		
10	16QAM	50	0	20.49	20.58	20.54	20.54		
10	64QAM	1	0	20.36	20.54	20.41	20.42	22	2
10	64QAM	1	25	20.29	20.45	20.40	20.42		
10	64QAM	1	49	20.37	20.63	20.49	20.44		
10	64QAM	25	0	19.36	19.56	19.49	19.49	21	3
10	64QAM	25	12	19.35	19.43	19.42	19.37		
10	64QAM	25	25	19.34	19.45	19.41	19.42		
10	64QAM	50	0	19.43	19.61	19.48	19.53		
10	256QAM	1	0	17.31	17.67	17.48	17.46	19	5
10	256QAM	1	25	17.31	17.50	17.38	17.43		
10	256QAM	1	49	17.24	17.41	17.39	17.29		
10	256QAM	25	0	17.37	17.54	17.58	17.59	19	5
10	256QAM	25	12	17.40	17.61	17.49	17.45		
10	256QAM	25	25	17.31	17.40	17.38	17.39		
10	256QAM	50	0	17.28	17.51	17.44	17.44		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.39	22.52	22.50	22.56	24	0
5	QPSK	1	12	22.34	22.56	22.37	22.38		
5	QPSK	1	24	22.32	22.45	22.38	22.37		
5	QPSK	12	0	21.35	21.66	21.44	21.55	23	1
5	QPSK	12	7	21.23	21.50	21.37	21.39		
5	QPSK	12	13	21.34	21.44	21.37	21.34		
5	QPSK	25	0	21.37	21.55	21.50	21.52		
5	16QAM	1	0	21.34	21.58	21.42	21.41	23	1
5	16QAM	1	12	21.26	21.47	21.40	21.33		
5	16QAM	1	24	21.38	21.48	21.51	21.41		
5	16QAM	12	0	20.35	20.63	20.39	20.50	22	2
5	16QAM	12	7	20.29	20.48	20.41	20.40		
5	16QAM	12	13	20.32	20.53	20.42	20.38		
5	16QAM	25	0	20.49	20.66	20.51	20.49		
5	64QAM	1	0	20.42	20.62	20.39	20.40	22	2
5	64QAM	1	12	20.37	20.43	20.41	20.39		
5	64QAM	1	24	20.36	20.55	20.52	20.36		
5	64QAM	12	0	19.28	19.61	19.48	19.57	21	3
5	64QAM	12	7	19.35	19.48	19.41	19.46		
5	64QAM	12	13	19.27	19.40	19.44	19.46		
5	64QAM	25	0	19.38	19.56	19.54	19.51		
5	256QAM	1	0	17.38	17.65	17.41	17.52	19	5
5	256QAM	1	12	17.36	17.45	17.38	17.45		
5	256QAM	1	24	17.28	17.47	17.38	17.40		
5	256QAM	12	0	17.30	17.47	17.52	17.63	19	5
5	256QAM	12	7	17.39	17.54	17.46	17.47		
5	256QAM	12	13	17.31	17.45	17.35	17.32		
5	256QAM	25	0	17.34	17.53	17.42	17.49		

Reduced Power Mode for DSI3_Main PA

GSM850 Ant 0 DSI3	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	32.81	32.85	32.77	34.00	23.81	23.85	23.77	25.00
GPRS 1 Tx slot	32.68	32.76	32.73	34.00	23.68	23.76	23.73	25.00
GPRS 2 Tx slots	29.59	29.61	29.57	31.00	23.59	23.61	23.57	25.00
GPRS 3 Tx slots	27.61	27.66	27.57	29.20	23.35	23.40	23.31	24.94
GPRS 4 Tx slots	26.08	26.17	26.14	28.00	23.08	23.17	23.14	25.00
EDGE 1 Tx slot	25.89	25.93	25.79	27.00	16.89	16.93	16.79	18.00
EDGE 2 Tx slots	23.31	23.40	23.31	24.00	17.31	17.40	17.31	18.00
EDGE 3 Tx slots	21.42	21.53	21.47	22.20	17.16	17.27	17.21	17.94
EDGE 4 Tx slots	19.81	19.85	19.79	21.00	16.81	16.85	16.79	18.00

Band		WCDMA V Ant 0 DSI3			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.53	24.60	24.49	25.00
3GPP Rel 99	RMC 12.2Kbps	24.62	24.64	24.60	25.00
3GPP Rel 6	HSDPA Subtest-1	23.64	23.67	23.63	24.00
3GPP Rel 6	HSDPA Subtest-2	23.60	23.68	23.56	24.00
3GPP Rel 6	HSDPA Subtest-3	23.06	23.10	23.09	23.50
3GPP Rel 6	HSDPA Subtest-4	23.10	23.20	23.07	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.67	23.62	23.58	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.66	23.61	23.58	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.10	23.10	23.11	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	23.17	23.19	23.05	23.50
3GPP Rel 6	HSUPA Subtest-1	23.59	23.59	23.55	24.00
3GPP Rel 6	HSUPA Subtest-2	21.58	21.64	21.63	22.00
3GPP Rel 6	HSUPA Subtest-3	22.68	22.62	22.61	23.00
3GPP Rel 6	HSUPA Subtest-4	21.64	21.60	21.66	22.00
3GPP Rel 6	HSUPA Subtest-5	23.60	23.63	23.54	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.06	21.12	21.05	21.50

GSM850 Ant 1 DSI3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.01	33.00	32.96	34.50	24.01	24.00	23.96	25.50
GPRS 1 Tx slot	32.86	32.92	32.87	34.50	23.86	23.92	23.87	25.50
GPRS 2 Tx slots	29.81	29.87	29.83	31.50	23.81	23.87	23.83	25.50
GPRS 3 Tx slots	27.83	27.91	27.80	29.70	23.57	23.65	23.54	25.44
GPRS 4 Tx slots	26.53	26.70	26.62	28.50	23.53	23.70	23.62	25.50
EDGE 1 Tx slot	26.04	26.13	26.01	27.50	17.04	17.13	17.01	18.50
EDGE 2 Tx slots	23.45	23.65	23.49	24.50	17.45	17.65	17.49	18.50
EDGE 3 Tx slots	21.59	21.68	21.62	22.70	17.33	17.42	17.36	18.44
EDGE 4 Tx slots	20.04	20.11	19.93	21.50	17.04	17.11	16.93	18.50

Band		WCDMA V Ant 1 DSI3			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.39	20.52	20.51	21.50
3GPP Rel 99	RMC 12.2Kbps	20.47	20.53	20.46	21.50
3GPP Rel 6	HSDPA Subtest-1	19.50	19.57	19.47	20.50
3GPP Rel 6	HSDPA Subtest-2	19.47	19.47	19.50	20.50
3GPP Rel 6	HSDPA Subtest-3	18.94	19.05	18.99	20.00
3GPP Rel 6	HSDPA Subtest-4	19.04	19.03	19.03	20.00
3GPP Rel 8	DC-HSDPA Subtest-1	19.45	19.50	19.61	20.50
3GPP Rel 8	DC-HSDPA Subtest-2	19.58	19.48	19.53	20.50
3GPP Rel 8	DC-HSDPA Subtest-3	18.94	19.02	19.06	20.00
3GPP Rel 8	DC-HSDPA Subtest-4	19.02	19.09	19.08	20.00
3GPP Rel 6	HSUPA Subtest-1	19.49	19.62	19.53	20.50
3GPP Rel 6	HSUPA Subtest-2	17.40	17.52	17.50	18.50
3GPP Rel 6	HSUPA Subtest-3	18.40	18.43	18.47	19.50
3GPP Rel 6	HSUPA Subtest-4	17.50	17.52	17.59	18.50
3GPP Rel 6	HSUPA Subtest-5	19.53	19.55	19.52	20.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.03	17.02	16.93	18.00

GSM1900 Ant 2 DSI3	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	29.97	30.10	29.99	31.50	20.97	21.10	20.99	22.50
GPRS 1 Tx slot	29.98	30.07	30.03	31.50	20.98	21.07	21.03	22.50
GPRS 2 Tx slots	26.77	26.91	26.84	28.50	20.77	20.91	20.84	22.50
GPRS 3 Tx slots	24.83	24.93	24.90	26.70	20.57	20.67	20.64	22.44
GPRS 4 Tx slots	23.53	23.65	23.56	25.50	20.53	20.65	20.56	22.50
EDGE 1 Tx slot	25.42	25.54	25.40	27.00	16.42	16.54	16.40	18.00
EDGE 2 Tx slots	22.69	22.78	22.72	24.00	16.69	16.78	16.72	18.00
EDGE 3 Tx slots	20.87	20.90	20.86	22.20	16.61	16.64	16.60	17.94
EDGE 4 Tx slots	20.00	20.07	19.96	21.00	17.00	17.07	16.96	18.00

Band		WCDMA IV Ant 2 DSI3			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Rx Channel		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.05	22.05	22.00	23.50
3GPP Rel 99	RMC 12.2Kbps	22.01	22.10	22.08	23.50
3GPP Rel 6	HSDPA Subtest-1	21.03	21.10	21.14	22.50
3GPP Rel 6	HSDPA Subtest-2	21.00	21.17	21.07	22.50
3GPP Rel 6	HSDPA Subtest-3	20.48	20.68	20.49	22.00
3GPP Rel 6	HSDPA Subtest-4	20.52	20.60	20.44	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	20.99	21.20	21.02	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.11	21.12	20.99	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	20.49	20.61	20.47	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	20.56	20.64	20.45	22.00
3GPP Rel 6	HSUPA Subtest-1	21.06	21.08	20.98	22.50
3GPP Rel 6	HSUPA Subtest-2	18.98	19.19	19.05	20.50
3GPP Rel 6	HSUPA Subtest-3	20.00	20.16	20.10	21.50
3GPP Rel 6	HSUPA Subtest-4	19.08	19.15	19.10	20.50
3GPP Rel 6	HSUPA Subtest-5	21.10	21.06	20.97	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.56	18.64	18.62	20.00

Band		WCDMA II Ant 3 DSI3			Tune-up Limit (dBm)	WCDMA IV Ant 3 DSI3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.89	20.92	20.90	21.50	22.88	23.00	22.97	24.00
3GPP Rel 99	RMC 12.2Kbps	20.89	21.06	20.97	21.50	22.99	23.01	22.95	24.00
3GPP Rel 6	HSDPA Subtest-1	19.91	20.00	20.04	20.50	21.97	22.07	21.85	23.00
3GPP Rel 6	HSDPA Subtest-2	19.98	20.09	20.04	20.50	21.96	21.96	21.99	23.00
3GPP Rel 6	HSDPA Subtest-3	19.44	19.46	19.52	20.00	21.57	21.53	21.53	22.50
3GPP Rel 6	HSDPA Subtest-4	19.41	19.57	19.42	20.00	21.51	21.51	21.47	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.96	20.08	20.04	20.50	21.98	21.99	22.06	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.93	20.04	19.98	20.50	21.92	22.11	21.90	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.44	19.57	19.48	20.00	21.49	21.52	21.53	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.45	19.45	19.50	20.00	21.52	21.59	21.43	22.50
3GPP Rel 6	HSUPA Subtest-1	19.94	20.05	19.93	20.50	21.95	22.03	21.95	23.00
3GPP Rel 6	HSUPA Subtest-2	18.01	18.06	17.98	18.50	19.97	20.02	19.88	21.00
3GPP Rel 6	HSUPA Subtest-3	18.97	19.11	19.00	19.50	21.01	20.96	20.92	22.00
3GPP Rel 6	HSUPA Subtest-4	17.98	18.06	17.90	18.50	19.94	19.95	19.94	21.00
3GPP Rel 6	HSUPA Subtest-5	19.91	20.04	20.02	20.50	21.96	22.09	21.99	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.36	17.51	17.43	18.00	19.52	19.62	19.46	20.50

GSM1900 Ant 5 DSI3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.00	30.05	29.96	31.00	21.00	21.05	20.96	22.00
GPRS 1 Tx slot	29.94	30.00	29.90	31.00	20.94	21.00	20.90	22.00
GPRS 2 Tx slots	26.85	26.90	26.86	28.00	20.85	20.90	20.86	22.00
GPRS 3 Tx slots	24.87	24.94	24.88	26.20	20.61	20.68	20.62	21.94
GPRS 4 Tx slots	23.60	23.65	23.61	25.00	20.60	20.65	20.61	22.00
EDGE 1 Tx slot	25.46	25.48	25.40	27.00	16.46	16.48	16.40	18.00
EDGE 2 Tx slots	22.55	22.66	22.59	24.00	16.55	16.66	16.59	18.00
EDGE 3 Tx slots	21.08	21.10	20.98	22.20	16.82	16.84	16.72	17.94
EDGE 4 Tx slots	20.45	20.54	20.40	21.00	17.45	17.54	17.40	18.00

Band		WCDMA II Ant 5 DSI3			Tune-up Limit (dBm)	WCDMA IV Ant 5 DSI3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.99	21.09	21.13	22.00	20.60	20.78	20.71	22.00
3GPP Rel 99	RMC 12.2Kbps	21.14	21.15	21.11	22.00	20.78	20.87	20.74	22.00
3GPP Rel 6	HSDPA Subtest-1	20.11	20.21	20.08	21.00	19.79	19.82	19.78	21.00
3GPP Rel 6	HSDPA Subtest-2	20.13	20.17	20.20	21.00	19.75	19.77	19.74	21.00
3GPP Rel 6	HSDPA Subtest-3	19.58	19.66	19.69	20.50	19.29	19.32	19.18	20.50
3GPP Rel 6	HSDPA Subtest-4	19.57	19.73	19.65	20.50	19.27	19.33	19.21	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.16	20.22	20.09	21.00	19.65	19.74	19.69	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.15	20.27	20.11	21.00	19.74	19.88	19.86	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.59	19.65	19.62	20.50	19.19	19.32	19.25	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.55	19.64	19.56	20.50	19.27	19.31	19.28	20.50
3GPP Rel 6	HSUPA Subtest-1	20.14	20.17	20.12	21.00	19.66	19.81	19.71	21.00
3GPP Rel 6	HSUPA Subtest-2	18.07	18.17	18.13	19.00	17.64	17.81	17.84	19.00
3GPP Rel 6	HSUPA Subtest-3	19.13	19.20	19.15	20.00	18.83	18.86	18.72	20.00
3GPP Rel 6	HSUPA Subtest-4	18.15	18.24	18.05	19.00	17.65	17.83	17.72	19.00
3GPP Rel 6	HSUPA Subtest-5	20.15	20.18	20.10	21.00	19.77	19.72	19.82	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.58	17.67	17.67	18.50	17.21	17.39	17.33	18.50

Band 5 Ant 0 DSI3

BW [MHz]	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	24.29	24.51	24.22	24.7	0
10	QPSK	1	25	24.45	24.43	24.31		
10	QPSK	1	49	24.41	24.44	24.30		
10	QPSK	25	0	24.37	24.43	24.34	24.7	0
10	QPSK	25	12	24.41	24.43	24.30		
10	QPSK	25	25	24.36	24.34	24.23		
10	QPSK	50	0	24.39	24.39	24.23		
10	16QAM	1	0	24.30	24.40	24.26	24.7	0
10	16QAM	1	25	24.35	24.43	24.27		
10	16QAM	1	49	24.45	24.47	24.23		
10	16QAM	25	0	23.33	23.51	23.30	23.7	1
10	16QAM	25	12	23.34	23.40	23.14		
10	16QAM	25	25	23.34	23.52	23.27		
10	16QAM	50	0	23.31	23.56	23.30		
10	64QAM	1	0	23.24	23.41	23.21	23.7	1
10	64QAM	1	25	23.37	23.46	23.22		
10	64QAM	1	49	23.34	23.50	23.14		
10	64QAM	25	0	22.37	22.44	22.16	22.7	2
10	64QAM	25	12	22.21	22.38	22.20		
10	64QAM	25	25	22.34	22.56	22.15		
10	64QAM	50	0	22.36	22.54	22.22		
10	256QAM	1	0	20.22	20.42	20.19	20.7	4
10	256QAM	1	25	20.34	20.53	20.30		
10	256QAM	1	49	20.30	20.43	20.31		
10	256QAM	25	0	20.24	20.43	20.18	20.7	4
10	256QAM	25	12	20.32	20.42	20.18		
10	256QAM	25	25	20.24	20.39	20.17		
10	256QAM	50	0	20.26	20.49	20.22		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.25	24.30	24.10	24.7	0
5	QPSK	1	12	24.28	24.34	24.19		
5	QPSK	1	24	24.39	24.34	24.18		
5	QPSK	12	0	24.20	24.35	24.27	24.7	0
5	QPSK	12	7	24.38	24.24	24.27		
5	QPSK	12	13	24.22	24.21	24.17		
5	QPSK	25	0	24.25	24.36	24.09		
5	16QAM	1	0	24.18	24.31	24.25	24.7	0
5	16QAM	1	12	24.29	24.26	24.23		
5	16QAM	1	24	24.44	24.37	24.14		
5	16QAM	12	0	23.18	23.45	23.22	23.7	1
5	16QAM	12	7	23.25	23.37	23.08		
5	16QAM	12	13	23.15	23.41	23.23		
5	16QAM	25	0	23.23	23.48	23.20		
5	64QAM	1	0	23.21	23.25	23.08	23.7	1
5	64QAM	1	12	23.27	23.37	23.17		
5	64QAM	1	24	23.28	23.36	23.10		
5	64QAM	12	0	22.24	22.38	22.01	22.7	2
5	64QAM	12	7	22.18	22.26	22.01		
5	64QAM	12	13	22.16	22.42	22.02		
5	64QAM	25	0	22.34	22.45	22.06		
5	256QAM	1	0	20.08	20.27	20.11	20.7	4
5	256QAM	1	12	20.30	20.42	20.29		
5	256QAM	1	24	20.28	20.35	20.14		
5	256QAM	12	0	20.11	20.25	20.10	20.7	4
5	256QAM	12	7	20.26	20.35	20.10		
5	256QAM	12	13	20.17	20.33	20.12		
5	256QAM	25	0	20.22	20.39	20.19		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.23	24.39	24.20	24.7	0
3	QPSK	1	8	24.39	24.34	24.19		
3	QPSK	1	14	24.27	24.33	24.21		
3	QPSK	8	0	24.30	24.27	24.21	24.7	0
3	QPSK	8	4	24.33	24.42	24.13		
3	QPSK	8	7	24.18	24.29	24.13		
3	QPSK	15	0	24.27	24.20	24.09		
3	16QAM	1	0	24.19	24.29	24.24	24.7	0
3	16QAM	1	8	24.20	24.28	24.09		
3	16QAM	1	14	24.43	24.40	24.07		
3	16QAM	8	0	23.26	23.40	23.13	23.7	1
3	16QAM	8	4	23.30	23.33	22.97		
3	16QAM	8	7	23.25	23.43	23.15		
3	16QAM	15	0	23.17	23.46	23.15		
3	64QAM	1	0	23.18	23.37	23.13	23.7	1
3	64QAM	1	8	23.21	23.34	23.17		
3	64QAM	1	14	23.23	23.35	23.10		
3	64QAM	8	0	22.30	22.38	21.97	22.7	2
3	64QAM	8	4	22.06	22.35	22.08		
3	64QAM	8	7	22.26	22.44	22.11		
3	64QAM	15	0	22.35	22.40	22.08		
3	256QAM	1	0	20.10	20.39	20.08	20.7	4
3	256QAM	1	8	20.28	20.43	20.13		
3	256QAM	1	14	20.28	20.31	20.25		
3	256QAM	8	0	20.10	20.39	20.07	20.7	4
3	256QAM	8	4	20.27	20.34	20.16		
3	256QAM	8	7	20.14	20.37	20.14		
3	256QAM	15	0	20.21	20.42	20.13		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.19	24.40	24.13	24.7	0
1.4	QPSK	1	3	24.37	24.37	24.23		
1.4	QPSK	1	5	24.30	24.37	24.17		
1.4	QPSK	3	0	24.18	24.41	24.21		
1.4	QPSK	3	1	24.29	24.24	24.23		
1.4	QPSK	3	3	24.23	24.19	24.19		
1.4	QPSK	6	0	24.37	24.30	24.05	24.7	0
1.4	16QAM	1	0	24.22	24.23	24.11	24.7	0
1.4	16QAM	1	3	24.31	24.41	24.17		
1.4	16QAM	1	5	24.33	24.31	24.14		
1.4	16QAM	3	0	23.16	23.47	23.16		
1.4	16QAM	3	1	23.19	23.35	23.05		
1.4	16QAM	3	3	23.29	23.41	23.25		
1.4	16QAM	6	0	23.13	23.42	23.27	23.7	1
1.4	64QAM	1	0	23.13	23.30	23.07	23.7	1
1.4	64QAM	1	3	23.25	23.32	23.18		
1.4	64QAM	1	5	23.32	23.38	23.02		
1.4	64QAM	3	0	22.36	22.29	22.14		
1.4	64QAM	3	1	22.14	22.28	22.13		
1.4	64QAM	3	3	22.24	22.54	22.15		
1.4	64QAM	6	0	22.26	22.47	22.19	22.7	2
1.4	256QAM	1	0	20.21	20.38	20.15	20.7	4
1.4	256QAM	1	3	20.27	20.45	20.25		
1.4	256QAM	1	5	20.11	20.41	20.16		
1.4	256QAM	3	0	20.07	20.26	20.04		
1.4	256QAM	3	1	20.28	20.40	20.00		
1.4	256QAM	3	3	20.18	20.23	20.08		
1.4	256QAM	6	0	20.24	20.40	20.12	20.7	4

Band 26 Ant 0 DSI3

BW [MHz]	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	24.78	24.91	24.89	25.2	0
15	QPSK	1	37	24.64	24.87	24.67		
15	QPSK	1	74	24.64	24.81	24.74		
15	QPSK	36	0	23.73	23.99	23.93	24.7	0.5
15	QPSK	36	20	23.81	23.87	23.68		
15	QPSK	36	39	23.66	23.67	23.71		
15	QPSK	75	0	23.80	23.81	23.80		
15	16QAM	1	0	23.83	23.75	23.70	24.7	0.5
15	16QAM	1	37	23.81	23.78	23.71		
15	16QAM	1	74	23.48	23.76	23.59		
15	16QAM	36	0	22.80	22.95	22.93	23.7	1.5
15	16QAM	36	20	22.72	23.01	22.72		
15	16QAM	36	39	22.60	22.68	22.70		
15	16QAM	75	0	22.83	22.92	22.67		
15	64QAM	1	0	22.77	22.69	22.76	23.7	1.5
15	64QAM	1	37	22.74	22.84	22.58		
15	64QAM	1	74	22.67	22.64	22.74		
15	64QAM	36	0	21.77	21.87	21.83	22.7	2.5
15	64QAM	36	20	21.69	21.81	21.50		
15	64QAM	36	39	21.73	21.76	21.81		
15	64QAM	75	0	21.83	21.87	21.85		
15	256QAM	1	0	19.77	19.88	20.00	20.7	4.5
15	256QAM	1	37	19.72	19.97	19.69		
15	256QAM	1	74	19.62	19.78	19.63		
15	256QAM	36	0	19.82	19.93	19.83	20.7	4.5
15	256QAM	36	20	19.72	19.79	19.74		
15	256QAM	36	39	19.72	19.72	19.58		
15	256QAM	75	0	19.56	19.63	19.64		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.66	24.76	24.83	25.2	0
10	QPSK	1	25	24.54	24.73	24.61		
10	QPSK	1	49	24.60	24.69	24.63		
10	QPSK	25	0	23.71	23.86	23.75	24.7	0.5
10	QPSK	25	12	23.75	23.72	23.49		
10	QPSK	25	25	23.62	23.50	23.69		
10	QPSK	50	0	23.70	23.69	23.70		
10	16QAM	1	0	23.70	23.64	23.60	24.7	0.5
10	16QAM	1	25	23.72	23.71	23.55		
10	16QAM	1	49	23.33	23.67	23.57		
10	16QAM	25	0	22.65	22.85	22.79	23.7	1.5
10	16QAM	25	12	22.54	22.85	22.59		
10	16QAM	25	25	22.50	22.57	22.51		
10	16QAM	50	0	22.79	22.87	22.59		
10	64QAM	1	0	22.63	22.63	22.60	23.7	1.5
10	64QAM	1	25	22.71	22.65	22.45		
10	64QAM	1	49	22.51	22.52	22.71		
10	64QAM	25	0	21.75	21.76	21.66	22.7	2.5
10	64QAM	25	12	21.56	21.64	21.36		
10	64QAM	25	25	21.69	21.58	21.74		
10	64QAM	50	0	21.78	21.74	21.75		
10	256QAM	1	0	19.72	19.72	19.92	20.7	4.5
10	256QAM	1	25	19.65	19.90	19.59		
10	256QAM	1	49	19.47	19.61	19.45		
10	256QAM	25	0	19.69	19.88	19.78	20.7	4.5
10	256QAM	25	12	19.70	19.76	19.69		
10	256QAM	25	25	19.60	19.68	19.43		
10	256QAM	50	0	19.48	19.45	19.61		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.73	24.64	24.74	25.2	0
5	QPSK	1	12	24.46	24.85	24.53		
5	QPSK	1	24	24.46	24.63	24.59		
5	QPSK	12	0	23.57	23.89	23.80	24.7	0.5
5	QPSK	12	7	23.70	23.75	23.61		
5	QPSK	12	13	23.50	23.56	23.62		
5	QPSK	25	0	23.69	23.70	23.76		
5	16QAM	1	0	23.73	23.61	23.56	24.7	0.5
5	16QAM	1	12	23.65	23.60	23.68		
5	16QAM	1	24	23.40	23.63	23.49		
5	16QAM	12	0	22.77	22.87	22.86	23.7	1.5
5	16QAM	12	7	22.60	22.99	22.60		
5	16QAM	12	13	22.51	22.50	22.53		
5	16QAM	25	0	22.77	22.76	22.65		
5	64QAM	1	0	22.65	22.56	22.64	23.7	1.5
5	64QAM	1	12	22.65	22.71	22.44		
5	64QAM	1	24	22.58	22.61	22.71		
5	64QAM	12	0	21.60	21.72	21.78	22.7	2.5
5	64QAM	12	7	21.59	21.64	21.37		
5	64QAM	12	13	21.61	21.60	21.74		
5	64QAM	25	0	21.80	21.77	21.69		
5	256QAM	1	0	19.61	19.77	19.96	20.7	4.5
5	256QAM	1	12	19.60	19.86	19.61		
5	256QAM	1	24	19.54	19.75	19.52		
5	256QAM	12	0	19.76	19.74	19.64	20.7	4.5
5	256QAM	12	7	19.69	19.66	19.59		
5	256QAM	12	13	19.66	19.65	19.41		
5	256QAM	25	0	19.49	19.45	19.51		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.72	24.75	24.79	25.2	0
3	QPSK	1	8	24.47	24.76	24.51		
3	QPSK	1	14	24.61	24.75	24.59		
3	QPSK	8	0	23.67	23.93	23.82	24.7	0.5
3	QPSK	8	4	23.78	23.72	23.66		
3	QPSK	8	7	23.48	23.55	23.65		
3	QPSK	15	0	23.77	23.78	23.75		
3	16QAM	1	0	23.72	23.67	23.64	24.7	0.5
3	16QAM	1	8	23.66	23.61	23.54		
3	16QAM	1	14	23.33	23.59	23.46		
3	16QAM	8	0	22.61	22.88	22.74	23.7	1.5
3	16QAM	8	4	22.65	22.92	22.60		
3	16QAM	8	7	22.45	22.58	22.67		
3	16QAM	15	0	22.74	22.73	22.53		
3	64QAM	1	0	22.72	22.56	22.72	23.7	1.5
3	64QAM	1	8	22.66	22.82	22.57		
3	64QAM	1	14	22.53	22.57	22.61		
3	64QAM	8	0	21.75	21.82	21.72	22.7	2.5
3	64QAM	8	4	21.65	21.68	21.38		
3	64QAM	8	7	21.58	21.58	21.69		
3	64QAM	15	0	21.73	21.78	21.81		
3	256QAM	1	0	19.59	19.86	19.87	20.7	4.5
3	256QAM	1	8	19.69	19.93	19.57		
3	256QAM	1	14	19.58	19.62	19.60		
3	256QAM	8	0	19.75	19.89	19.79	20.7	4.5
3	256QAM	8	4	19.58	19.72	19.71		
3	256QAM	8	7	19.62	19.57	19.43		
3	256QAM	15	0	19.50	19.50	19.51		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.71	24.74	24.82	25.2	0
1.4	QPSK	1	3	24.61	24.69	24.55		
1.4	QPSK	1	5	24.51	24.63	24.55		
1.4	QPSK	3	0	23.68	23.97	23.83		
1.4	QPSK	3	1	23.67	23.84	23.58		
1.4	QPSK	3	3	23.65	23.53	23.57		
1.4	QPSK	6	0	24.18	24.32	24.36	24.7	0.5
1.4	16QAM	1	0	24.22	24.27	24.27	24.7	0.5
1.4	16QAM	1	3	24.26	24.29	24.27		
1.4	16QAM	1	5	24.21	24.29	24.27		
1.4	16QAM	3	0	24.24	24.30	24.41		
1.4	16QAM	3	1	24.19	24.25	24.31		
1.4	16QAM	3	3	24.16	24.27	24.31		
1.4	16QAM	6	0	23.27	23.32	23.38	23.7	1.5
1.4	64QAM	1	0	23.16	23.18	23.34	23.7	1.5
1.4	64QAM	1	3	23.22	23.20	23.36		
1.4	64QAM	1	5	23.29	23.32	23.25		
1.4	64QAM	3	0	23.18	23.20	23.38		
1.4	64QAM	3	1	23.16	23.17	23.29		
1.4	64QAM	3	3	23.12	23.32	23.24		
1.4	64QAM	6	0	22.29	22.29	22.24	22.7	2.5
1.4	256QAM	1	0	20.30	20.25	20.23	20.7	4.5
1.4	256QAM	1	3	20.19	20.28	20.38		
1.4	256QAM	1	5	20.25	20.26	20.33		
1.4	256QAM	3	0	20.14	20.20	20.26		
1.4	256QAM	3	1	20.26	20.27	20.34		
1.4	256QAM	3	3	20.28	20.27	20.38		
1.4	256QAM	6	0	20.17	20.20	20.24	20.7	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.59	20.68	20.63		
10	QPSK	1	25	20.51	20.60	20.53	21.7	0
10	QPSK	1	49	20.60	20.53	20.54		
10	QPSK	25	0	20.55	20.62	20.57		
10	QPSK	25	12	20.47	20.54	20.50	21.7	0
10	QPSK	25	25	20.52	20.40	20.52		
10	QPSK	50	0	20.55	20.58	20.57		
10	16QAM	1	0	20.52	20.57	20.54		
10	16QAM	1	25	20.39	20.50	20.48	21.7	0
10	16QAM	1	49	20.50	20.39	20.51		
10	16QAM	25	0	20.41	20.50	20.46		
10	16QAM	25	12	20.43	20.45	20.41	21.7	0
10	16QAM	25	25	20.43	20.33	20.45		
10	16QAM	50	0	20.46	20.45	20.52		
10	64QAM	1	0	20.48	20.51	20.42		
10	64QAM	1	25	20.30	20.42	20.46	21.7	0
10	64QAM	1	49	20.38	20.33	20.47		
10	64QAM	25	0	20.47	20.51	20.54		
10	64QAM	25	12	20.36	20.46	20.45	21.7	0
10	64QAM	25	25	20.46	20.35	20.48		
10	64QAM	50	0	20.44	20.55	20.47		
10	256QAM	1	0	19.53	19.59	19.62		
10	256QAM	1	25	19.48	19.50	19.46	20.7	1
10	256QAM	1	49	19.57	19.41	19.50		
10	256QAM	25	0	19.51	19.57	19.60		
10	256QAM	25	12	19.52	19.57	19.50	20.7	1
10	256QAM	25	25	19.40	19.49	19.51		
10	256QAM	50	0	19.55	19.41	19.52		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.50	20.56	20.56		
5	QPSK	1	12	20.39	20.47	20.47	21.7	0
5	QPSK	1	24	20.54	20.39	20.41		
5	QPSK	12	0	20.41	20.53	20.48		
5	QPSK	12	7	20.43	20.51	20.43	21.7	0
5	QPSK	12	13	20.48	20.31	20.39		
5	QPSK	25	0	20.46	20.51	20.45		
5	16QAM	1	0	20.43	20.51	20.48		
5	16QAM	1	12	20.36	20.47	20.44	21.7	0
5	16QAM	1	24	20.39	20.30	20.43		
5	16QAM	12	0	20.29	20.37	20.32		
5	16QAM	12	7	20.33	20.38	20.32	21.7	0
5	16QAM	12	13	20.33	20.26	20.32		
5	16QAM	25	0	20.39	20.41	20.43		
5	64QAM	1	0	20.36	20.49	20.36		
5	64QAM	1	12	20.24	20.29	20.41	21.7	0
5	64QAM	1	24	20.24	20.27	20.41		
5	64QAM	12	0	20.43	20.48	20.45		
5	64QAM	12	7	20.25	20.41	20.34	21.7	0
5	64QAM	12	13	20.33	20.27	20.40		
5	64QAM	25	0	20.37	20.43	20.43		
5	256QAM	1	0	19.46	19.56	19.57		
5	256QAM	1	12	19.36	19.37	19.37	20.7	1
5	256QAM	1	24	19.46	19.33	19.36		
5	256QAM	12	0	19.39	19.44	19.51		
5	256QAM	12	7	19.41	19.53	19.41	20.7	1
5	256QAM	12	13	19.26	19.45	19.44		
5	256QAM	25	0	19.51	19.29	19.48		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.52	20.63	20.56		
3	QPSK	1	8	20.45	20.52	20.47	21.7	0
3	QPSK	1	14	20.55	20.43	20.48		
3	QPSK	8	0	20.47	20.49	20.47		
3	QPSK	8	4	20.39	20.50	20.41	21.7	0
3	QPSK	8	7	20.48	20.32	20.43		
3	QPSK	15	0	20.47	20.52	20.50		
3	16QAM	1	0	20.43	20.47	20.41		
3	16QAM	1	8	20.32	20.45	20.41	21.7	0
3	16QAM	1	14	20.45	20.36	20.40		
3	16QAM	8	0	20.35	20.46	20.33		
3	16QAM	8	4	20.31	20.31	20.37	21.7	0
3	16QAM	8	7	20.35	20.29	20.35		
3	16QAM	15	0	20.33	20.40	20.44		
3	64QAM	1	0	20.41	20.42	20.37		
3	64QAM	1	8	20.17	20.40	20.38	21.7	0
3	64QAM	1	14	20.35	20.30	20.44		
3	64QAM	8	0	20.37	20.41	20.49		
3	64QAM	8	4	20.22	20.38	20.41	21.7	0
3	64QAM	8	7	20.36	20.23	20.34		
3	64QAM	15	0	20.33	20.50	20.45		
3	256QAM	1	0	19.45	19.53	19.55		
3	256QAM	1	8	19.37	19.46	19.43	20.7	1
3	256QAM	1	14	19.44	19.35	19.44		
3	256QAM	8	0	19.37	19.54	19.50		
3	256QAM	8	4	19.49	19.52	19.38	20.7	1
3	256QAM	8	7	19.37	19.47	19.40		
3	256QAM	15	0	19.44	19.37	19.46		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.57	20.62	20.49		
1.4	QPSK	1	3	20.42	20.51	20.39		
1.4	QPSK	1	5	20.50	20.42	20.48	21.7	0
1.4	QPSK	3	0	20.52	20.57	20.46		
1.4	QPSK	3	1	20.44	20.41	20.38		
1.4	QPSK	3	3	20.40	20.37	20.41		
1.4	QPSK	6	0	20.49	20.48	20.46	21.7	0
1.4	16QAM	1	0	20.40	20.47	20.46		
1.4	16QAM	1	3	20.36	20.38	20.37		
1.4	16QAM	1	5	20.42	20.33	20.38	21.7	0
1.4	16QAM	3	0	20.29	20.38	20.37		
1.4	16QAM	3	1	20.38	20.36	20.28		
1.4	16QAM	3	3	20.32	20.28	20.31		
1.4	16QAM	6	0	20.42	20.43	20.49	21.7	0
1.4	64QAM	1	0	20.34	20.44	20.39		
1.4	64QAM	1	3	20.23	20.33	20.39		
1.4	64QAM	1	5	20.32	20.27	20.40	21.7	0
1.4	64QAM	3	0	20.34	20.40	20.51		
1.4	64QAM	3	1	20.28	20.33	20.34		
1.4	64QAM	3	3	20.38	20.32	20.39		
1.4	64QAM	6	0	20.38	20.50	20.41	21.7	0
1.4	256QAM	1	0	19.40	19.55	19.56		
1.4	256QAM	1	3	19.35	19.47	19.32		
1.4	256QAM	1	5	19.43	19.30	19.41	20.7	1
1.4	256QAM	3	0	19.47	19.49	19.55		
1.4	256QAM	3	1	19.39	19.46	19.37		
1.4	256QAM	3	3	19.34	19.42	19.41		
1.4	256QAM	6	0	19.49	19.37	19.43	20.7	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.61	21.63	21.50		
15	QPSK	1	37	21.53	21.56	21.50	22.7	0
15	QPSK	1	74	21.54	21.54	21.45		
15	QPSK	36	0	21.50	21.58	21.43		
15	QPSK	36	20	21.46	21.47	21.42	22.7	0
15	QPSK	36	39	21.43	21.43	21.37		
15	QPSK	75	0	21.54	21.55	21.37		
15	16QAM	1	0	21.55	21.51	21.45		
15	16QAM	1	37	21.45	21.52	21.40	22.7	0
15	16QAM	1	74	21.51	21.45	21.31		
15	16QAM	36	0	21.54	21.56	21.45		
15	16QAM	36	20	21.39	21.45	21.37	22.7	0
15	16QAM	36	39	21.52	21.52	21.38		
15	16QAM	75	0	21.41	21.45	21.32		
15	64QAM	1	0	21.51	21.50	21.37		
15	64QAM	1	37	21.42	21.46	21.37	22.7	0
15	64QAM	1	74	21.41	21.46	21.32		
15	64QAM	36	0	21.42	21.46	21.33		
15	64QAM	36	20	21.38	21.44	21.32	22.7	0
15	64QAM	36	39	21.30	21.40	21.35		
15	64QAM	75	0	21.45	21.53	21.34		
15	256QAM	1	0	19.63	19.62	19.49		
15	256QAM	1	37	19.52	19.61	19.55	20.7	2
15	256QAM	1	74	19.60	19.58	19.45		
15	256QAM	36	0	19.51	19.62	19.44		
15	256QAM	36	20	19.42	19.42	19.46	20.7	2
15	256QAM	36	39	19.37	19.42	19.42		
15	256QAM	75	0	19.54	19.58	19.31		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.59	21.56	21.39		
10	QPSK	1	25	21.47	21.49	21.38	22.7	0
10	QPSK	1	49	21.45	21.49	21.43		
10	QPSK	25	0	21.37	21.53	21.37		
10	QPSK	25	12	21.34	21.33	21.33	22.7	0
10	QPSK	25	25	21.33	21.38	21.29		
10	QPSK	50	0	21.48	21.44	21.26		
10	16QAM	1	0	21.48	21.39	21.36		
10	16QAM	1	25	21.35	21.45	21.31	22.7	0
10	16QAM	1	49	21.46	21.36	21.22		
10	16QAM	25	0	21.41	21.51	21.34		
10	16QAM	25	12	21.30	21.42	21.30	22.7	0
10	16QAM	25	25	21.47	21.46	21.25		
10	16QAM	50	0	21.28	21.39	21.29		
10	64QAM	1	0	21.37	21.38	21.26		
10	64QAM	1	25	21.28	21.42	21.25	22.7	0
10	64QAM	1	49	21.28	21.35	21.29		
10	64QAM	25	0	21.33	21.42	21.19		
10	64QAM	25	12	21.30	21.36	21.18	22.7	0
10	64QAM	25	25	21.24	21.26	21.29		
10	64QAM	50	0	21.33	21.51	21.23		
10	256QAM	1	0	19.58	19.49	19.39		
10	256QAM	1	25	19.42	19.57	19.46	20.7	2
10	256QAM	1	49	19.50	19.50	19.40		
10	256QAM	25	0	19.43	19.59	19.36		
10	256QAM	25	12	19.32	19.34	19.34	20.7	2
10	256QAM	25	25	19.25	19.38	19.29		
10	256QAM	50	0	19.44	19.52	19.19		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.54	21.60	21.40		
5	QPSK	1	12	21.49	21.44	21.36	22.7	0
5	QPSK	1	24	21.41	21.40	21.41		
5	QPSK	12	0	21.40	21.54	21.40		
5	QPSK	12	7	21.36	21.35	21.39	22.7	0
5	QPSK	12	13	21.33	21.38	21.33		
5	QPSK	25	0	21.47	21.47	21.25		
5	16QAM	1	0	21.45	21.38	21.33		
5	16QAM	1	12	21.35	21.40	21.36	22.7	0
5	16QAM	1	24	21.48	21.35	21.18		
5	16QAM	12	0	21.46	21.50	21.34		
5	16QAM	12	7	21.27	21.37	21.29	22.7	0
5	16QAM	12	13	21.46	21.50	21.25		
5	16QAM	25	0	21.37	21.40	21.23		
5	64QAM	1	0	21.46	21.46	21.33		
5	64QAM	1	12	21.34	21.33	21.34	22.7	0
5	64QAM	1	24	21.29	21.35	21.29		
5	64QAM	12	0	21.30	21.36	21.31		
5	64QAM	12	7	21.31	21.39	21.21	22.7	0
5	64QAM	12	13	21.18	21.26	21.24		
5	64QAM	25	0	21.34	21.39	21.23		
5	256QAM	1	0	19.61	19.53	19.42		
5	256QAM	1	12	19.40	19.59	19.49	20.7	2
5	256QAM	1	24	19.53	19.49	19.32		
5	256QAM	12	0	19.39	19.55	19.31		
5	256QAM	12	7	19.37	19.28	19.38	20.7	2
5	256QAM	12	13	19.34	19.28	19.38		
5	256QAM	25	0	19.47	19.53	19.18		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.52	21.50	21.39		
3	QPSK	1	8	21.41	21.51	21.38	22.7	0
3	QPSK	1	14	21.46	21.48	21.36		
3	QPSK	8	0	21.44	21.51	21.34		
3	QPSK	8	4	21.35	21.44	21.35	22.7	0
3	QPSK	8	7	21.34	21.31	21.25		
3	QPSK	15	0	21.47	21.53	21.33		
3	16QAM	1	0	21.49	21.38	21.43		
3	16QAM	1	8	21.33	21.44	21.36	22.7	0
3	16QAM	1	14	21.39	21.33	21.26		
3	16QAM	8	0	21.42	21.51	21.34		
3	16QAM	8	4	21.31	21.36	21.31	22.7	0
3	16QAM	8	7	21.49	21.45	21.30		
3	16QAM	15	0	21.34	21.38	21.30		
3	64QAM	1	0	21.38	21.46	21.23		
3	64QAM	1	8	21.34	21.44	21.28	22.7	0
3	64QAM	1	14	21.34	21.43	21.28		
3	64QAM	8	0	21.32	21.41	21.28		
3	64QAM	8	4	21.29	21.38	21.24	22.7	0
3	64QAM	8	7	21.21	21.34	21.26		
3	64QAM	15	0	21.34	21.39	21.27		
3	256QAM	1	0	19.57	19.49	19.36		
3	256QAM	1	8	19.46	19.58	19.46	20.7	2
3	256QAM	1	14	19.54	19.49	19.41		
3	256QAM	8	0	19.48	19.52	19.33		
3	256QAM	8	4	19.36	19.39	19.41	20.7	2
3	256QAM	8	7	19.29	19.30	19.39		
3	256QAM	15	0	19.45	19.47	19.18		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.50	21.54	21.44		
1.4	QPSK	1	3	21.41	21.47	21.46		
1.4	QPSK	1	5	21.45	21.42	21.35	22.7	0
1.4	QPSK	3	0	21.45	21.49	21.35		
1.4	QPSK	3	1	21.37	21.41	21.31		
1.4	QPSK	3	3	21.36	21.41	21.31		
1.4	QPSK	6	0	21.41	21.51	21.24	22.7	0
1.4	16QAM	1	0	21.44	21.45	21.31		
1.4	16QAM	1	3	21.39	21.38	21.35		
1.4	16QAM	1	5	21.41	21.34	21.20	22.7	0
1.4	16QAM	3	0	21.46	21.51	21.40		
1.4	16QAM	3	1	21.26	21.35	21.27		
1.4	16QAM	3	3	21.50	21.44	21.30		
1.4	16QAM	6	0	21.29	21.42	21.19	22.7	0
1.4	64QAM	1	0	21.44	21.42	21.33		
1.4	64QAM	1	3	21.31	21.38	21.32		
1.4	64QAM	1	5	21.39	21.44	21.24	22.7	0
1.4	64QAM	3	0	21.39	21.41	21.28		
1.4	64QAM	3	1	21.28	21.41	21.22		
1.4	64QAM	3	3	21.17	21.30	21.27		
1.4	64QAM	6	0	21.36	21.51	21.27	22.7	0
1.4	256QAM	1	0	19.61	19.53	19.44		
1.4	256QAM	1	3	19.47	19.50	19.48		
1.4	256QAM	1	5	19.52	19.50	19.42	20.7	2
1.4	256QAM	3	0	19.45	19.56	19.39		
1.4	256QAM	3	1	19.30	19.38	19.44		
1.4	256QAM	3	3	19.31	19.38	19.30		
1.4	256QAM	6	0	19.40	19.54	19.21	20.7	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.43	21.47	21.36	23	0
20	QPSK	1	49	21.30	21.43	21.32		
20	QPSK	1	99	21.42	21.37	21.32		
20	QPSK	50	0	21.38	21.45	21.23		
20	QPSK	50	24	21.23	21.40	21.29	23	0
20	QPSK	50	50	21.29	21.29	21.22		
20	QPSK	100	0	21.39	21.43	21.26		
20	16QAM	1	0	21.39	21.41	21.30		
20	16QAM	1	49	21.22	21.37	21.26	23	0
20	16QAM	1	99	21.34	21.31	21.30		
20	16QAM	50	0	21.35	21.35	21.12		
20	16QAM	50	24	21.13	21.32	21.23	23	0
20	16QAM	50	50	21.19	21.21	21.09		
20	16QAM	100	0	21.34	21.30	21.17		
20	64QAM	1	0	21.28	21.38	21.20		
20	64QAM	1	49	21.11	21.31	21.22	23	0
20	64QAM	1	99	21.32	21.26	21.25		
20	64QAM	50	0	20.39	20.46	20.26		
20	64QAM	50	24	20.21	20.38	20.28	22	1
20	64QAM	50	50	20.26	20.32	20.27		
20	64QAM	100	0	20.36	20.42	20.27		
20	256QAM	1	0	18.33	18.41	18.24		
20	256QAM	1	49	18.18	18.40	18.31	20	3
20	256QAM	1	99	18.26	18.25	18.16		
20	256QAM	50	0	18.39	18.40	18.22		
20	256QAM	50	24	18.38	18.42	18.27	20	3
20	256QAM	50	50	18.20	18.32	18.28		
20	256QAM	100	0	18.35	18.29	18.31		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.33	21.42	21.31	23	0
15	QPSK	1	37	21.33	21.36	21.22		
15	QPSK	1	74	21.37	21.25	21.26		
15	QPSK	36	0	21.26	21.42	21.19		
15	QPSK	36	20	21.09	21.30	21.23	23	0
15	QPSK	36	39	21.25	21.24	21.20		
15	QPSK	75	0	21.32	21.33	21.23		
15	16QAM	1	0	21.25	21.36	21.28		
15	16QAM	1	37	21.14	21.26	21.16	23	0
15	16QAM	1	74	21.26	21.17	21.22		
15	16QAM	36	0	21.31	21.30	21.09		
15	16QAM	36	20	21.09	21.29	21.10	23	0
15	16QAM	36	39	21.07	21.17	21.01		
15	16QAM	75	0	21.30	21.26	21.05		
15	64QAM	1	0	21.20	21.33	21.07		
15	64QAM	1	37	21.00	21.24	21.19	23	0
15	64QAM	1	74	21.22	21.21	21.22		
15	64QAM	36	0	20.28	20.33	20.23		
15	64QAM	36	20	20.19	20.29	20.28	22	1
15	64QAM	36	39	20.17	20.24	20.16		
15	64QAM	75	0	20.32	20.33	20.19		
15	256QAM	1	0	18.21	18.38	18.19		
15	256QAM	1	37	18.05	18.27	18.18	20	3
15	256QAM	1	74	18.19	18.21	18.04		
15	256QAM	36	0	18.31	18.36	18.16		
15	256QAM	36	20	18.25	18.29	18.13	20	3
15	256QAM	36	39	18.16	18.26	18.21		
15	256QAM	75	0	18.26	18.23	18.18		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850	1880	1905		
10	QPSK	1	0	21.30	21.42	21.30	23	0
10	QPSK	1	25	21.28	21.32	21.18		
10	QPSK	1	49	21.39	21.33	21.25		
10	QPSK	25	0	21.30	21.36	21.11		
10	QPSK	25	12	21.11	21.32	21.19	23	0
10	QPSK	25	25	21.19	21.26	21.14		
10	QPSK	50	0	21.28	21.34	21.21		
10	16QAM	1	0	21.31	21.34	21.17		
10	16QAM	1	25	21.18	21.32	21.17	23	0
10	16QAM	1	49	21.30	21.22	21.26		
10	16QAM	25	0	21.30	21.33	21.09		
10	16QAM	25	12	21.11	21.28	21.15	23	0
10	16QAM	25	25	21.12	21.17	21.00		
10	16QAM	50	0	21.29	21.25	21.05		
10	64QAM	1	0	21.22	21.36	21.18		
10	64QAM	1	25	21.00	21.22	21.16	23	0
10	64QAM	1	49	21.28	21.17	21.20		
10	64QAM	25	0	20.25	20.35	20.23		
10	64QAM	25	12	20.08	20.30	20.25	22	1
10	64QAM	25	25	20.17	20.25	20.19		
10	64QAM	50	0	20.23	20.30	20.15		
10	256QAM	1	0	18.27	18.33	18.21		
10	256QAM	1	25	18.15	18.35	18.27	20	3
10	256QAM	1	49	18.17	18.20	18.11		
10	256QAM	25	0	18.25	18.35	18.19		
10	256QAM	25	12	18.16	18.35	18.17	20	3
10	256QAM	25	25	18.16	18.26	18.21		
10	256QAM	50	0	18.32	18.23	18.18		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.32	21.41	21.23	23	0
5	QPSK	1	12	21.21	21.31	21.28		
5	QPSK	1	24	21.34	21.23	21.22		
5	QPSK	12	0	21.31	21.35	21.16		
5	QPSK	12	7	21.15	21.27	21.18	23	0
5	QPSK	12	13	21.23	21.26	21.09		
5	QPSK	25	0	21.29	21.35	21.17		
5	16QAM	1	0	21.26	21.33	21.27		
5	16QAM	1	12	21.23	21.33	21.13	23	0
5	16QAM	1	24	21.23	21.29	21.27		
5	16QAM	12	0	21.25	21.30	21.06		
5	16QAM	12	7	21.10	21.23	21.15	23	0
5	16QAM	12	13	21.14	21.19	21.03		
5	16QAM	25	0	21.23	21.26	21.14		
5	64QAM	1	0	21.16	21.32	21.11		
5	64QAM	1	12	21.00	21.27	21.09	23	0
5	64QAM	1	24	21.21	21.15	21.14		
5	64QAM	12	0	20.35	20.44	20.24		
5	64QAM	12	7	20.10	20.29	20.23	22	1
5	64QAM	12	13	20.19	20.27	20.23		
5	64QAM	25	0	20.30	20.33	20.22		
5	256QAM	1	0	18.23	18.30	18.17		
5	256QAM	1	12	18.05	18.32	18.20	20	3
5	256QAM	1	24	18.23	18.13	18.12		
5	256QAM	12	0	18.29	18.29	18.10		
5	256QAM	12	7	18.33	18.35	18.18	20	3
5	256QAM	12	13	18.13	18.20	18.24		
5	256QAM	25	0	18.33	18.25	18.23		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.35	21.34	21.22	23	0
3	QPSK	1	8	21.22	21.36	21.18		
3	QPSK	1	14	21.32	21.34	21.28		
3	QPSK	8	0	21.28	21.32	21.18		
3	QPSK	8	4	21.18	21.26	21.27	23	0
3	QPSK	8	7	21.25	21.21	21.15		
3	QPSK	15	0	21.26	21.37	21.23		
3	16QAM	1	0	21.33	21.31	21.21		
3	16QAM	1	8	21.10	21.27	21.19	23	0
3	16QAM	1	14	21.21	21.27	21.22		
3	16QAM	8	0	21.22	21.22	21.07		
3	16QAM	8	4	21.09	21.24	21.12	23	0
3	16QAM	8	7	21.07	21.15	21.04		
3	16QAM	15	0	21.20	21.19	21.04		
3	64QAM	1	0	21.21	21.29	21.17	23	0
3	64QAM	1	8	21.02	21.24	21.08		
3	64QAM	1	14	21.28	21.23	21.17		
3	64QAM	8	0	20.35	20.43	20.19		
3	64QAM	8	4	20.09	20.24	20.22	22	1
3	64QAM	8	7	20.18	20.22	20.20		
3	64QAM	15	0	20.22	20.34	20.22		
3	256QAM	1	0	18.20	18.39	18.13		
3	256QAM	1	8	18.13	18.35	18.20	20	3
3	256QAM	1	14	18.15	18.17	18.05		
3	256QAM	8	0	18.26	18.35	18.09		
3	256QAM	8	4	18.24	18.36	18.21	20	3
3	256QAM	8	7	18.15	18.21	18.18		
3	256QAM	15	0	18.28	18.22	18.22		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.33	21.33	21.23	23	0
1.4	QPSK	1	3	21.17	21.38	21.20		
1.4	QPSK	1	5	21.37	21.25	21.23		
1.4	QPSK	3	0	21.32	21.36	21.15		
1.4	QPSK	3	1	21.12	21.31	21.23		
1.4	QPSK	3	3	21.18	21.26	21.18		
1.4	QPSK	6	0	21.31	21.31	21.23	23	0
1.4	16QAM	1	0	21.37	21.38	21.28		
1.4	16QAM	1	3	21.12	21.32	21.23		
1.4	16QAM	1	5	21.23	21.25	21.18	23	0
1.4	16QAM	3	0	21.31	21.30	21.04		
1.4	16QAM	3	1	21.06	21.21	21.18		
1.4	16QAM	3	3	21.15	21.10	21.02		
1.4	16QAM	6	0	21.24	21.21	21.05	23	0
1.4	64QAM	1	0	21.22	21.25	21.14		
1.4	64QAM	1	3	21.03	21.22	21.11		
1.4	64QAM	1	5	21.19	21.22	21.14	23	0
1.4	64QAM	3	0	21.19	21.22	21.05		
1.4	64QAM	3	1	21.13	21.09	21.10		
1.4	64QAM	3	3	21.16	21.15	21.09		
1.4	64QAM	6	0	20.33	20.31	20.13	22	1
1.4	256QAM	1	0	18.26	18.35	18.21		
1.4	256QAM	1	3	18.14	18.29	18.25		
1.4	256QAM	1	5	18.19	18.15	18.11	20	3
1.4	256QAM	3	0	18.34	18.28	18.09		
1.4	256QAM	3	1	18.25	18.38	18.16		
1.4	256QAM	3	3	18.07	18.24	18.18		
1.4	256QAM	6	0	18.28	18.24	18.20	20	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.38	22.45	22.35	23.7	0
20	QPSK	1	49	22.19	22.43	22.33		
20	QPSK	1	99	22.22	22.39	22.36		
20	QPSK	50	0	22.35	22.39	22.30		
20	QPSK	50	24	22.11	22.37	22.24	23.7	0
20	QPSK	50	50	22.15	22.25	22.27		
20	QPSK	100	0	22.31	22.20	22.10		
20	16QAM	1	0	22.32	22.34	22.22		
20	16QAM	1	49	22.10	22.38	22.29	23.7	0
20	16QAM	1	99	22.18	22.24	22.17		
20	16QAM	50	0	22.02	22.29	22.16		
20	16QAM	50	24	21.99	22.30	22.10	23.7	0
20	16QAM	50	50	22.12	22.21	22.16		
20	16QAM	100	0	22.25	22.22	22.25		
20	64QAM	1	0	22.25	22.20	22.10		
20	64QAM	1	49	22.03	22.33	22.23	23.7	0
20	64QAM	1	99	22.06	22.18	22.11		
20	64QAM	50	0	21.37	21.44	21.25		
20	64QAM	50	24	21.15	21.42	21.19	22.7	1
20	64QAM	50	50	21.16	21.31	21.27		
20	64QAM	100	0	21.25	21.34	21.26		
20	256QAM	1	0	19.38	19.37	19.30		
20	256QAM	1	49	19.11	19.32	19.27	20.7	3
20	256QAM	1	99	19.21	19.30	19.27		
20	256QAM	50	0	19.26	19.34	19.27		
20	256QAM	50	24	19.28	19.37	19.23	20.7	3
20	256QAM	50	50	19.07	19.41	19.29		
20	256QAM	100	0	19.19	19.25	19.16		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.26	22.38	22.30	23.7	0
15	QPSK	1	37	22.15	22.35	22.25		
15	QPSK	1	74	22.15	22.22	22.17		
15	QPSK	36	0	22.32	22.28	22.21		
15	QPSK	36	20	22.03	22.34	22.22	23.7	0
15	QPSK	36	39	22.04	22.23	22.18		
15	QPSK	75	0	22.28	22.23	22.26		
15	16QAM	1	0	22.30	22.30	22.13		
15	16QAM	1	37	22.01	22.36	22.18	23.7	0
15	16QAM	1	74	22.07	22.12	22.13		
15	16QAM	36	0	22.11	22.21	22.11		
15	16QAM	36	20	21.90	22.22	22.08	23.7	0
15	16QAM	36	39	21.99	22.09	22.13		
15	16QAM	75	0	22.22	22.13	22.17		
15	64QAM	1	0	22.21	22.14	22.01		
15	64QAM	1	37	21.98	22.31	22.12	23.7	0
15	64QAM	1	74	22.00	22.13	22.00		
15	64QAM	36	0	21.31	21.37	21.22		
15	64QAM	36	20	21.08	21.33	21.16	22.7	1
15	64QAM	36	39	21.09	21.21	21.23		
15	64QAM	75	0	21.17	21.28	21.22		
15	256QAM	1	0	19.32	19.31	19.22		
15	256QAM	1	37	18.98	19.20	19.22	20.7	3
15	256QAM	1	74	19.07	19.17	19.15		
15	256QAM	36	0	19.22	19.28	19.21		
15	256QAM	36	20	19.22	19.34	19.22	20.7	3
15	256QAM	36	39	18.98	19.21	19.17		
15	256QAM	75	0	19.06	19.11	19.07		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.27	22.32	22.19	23.7	0
10	QPSK	1	25	22.11	22.37	22.20		
10	QPSK	1	49	22.15	22.23	22.17		
10	QPSK	25	0	22.29	22.27	22.19		
10	QPSK	25	12	22.08	22.24	22.19	23.7	0
10	QPSK	25	25	22.08	22.22	22.17		
10	QPSK	50	0	22.28	22.24	22.27		
10	16QAM	1	0	22.23	22.24	22.13		
10	16QAM	1	25	22.05	22.25	22.22	23.7	0
10	16QAM	1	49	22.12	22.13	22.13		
10	16QAM	25	0	22.13	22.19	22.06		
10	16QAM	25	12	21.88	22.26	22.07	23.7	0
10	16QAM	25	25	22.09	22.11	22.04		
10	16QAM	50	0	22.11	22.13	22.19		
10	64QAM	1	0	22.14	22.10	21.98		
10	64QAM	1	25	21.94	22.24	22.21	23.7	0
10	64QAM	1	49	22.01	22.08	22.01		
10	64QAM	25	0	21.34	21.38	21.23		
10	64QAM	25	12	21.01	21.32	21.07	22.7	1
10	64QAM	25	25	21.09	21.18	21.22		
10	64QAM	50	0	21.15	21.26	21.22		
10	256QAM	1	0	19.32	19.24	19.20		
10	256QAM	1	25	19.07	19.24	19.13	20.7	3
10	256QAM	1	49	19.14	19.26	19.14		
10	256QAM	25	0	19.23	19.28	19.18		
10	256QAM	25	12	19.17	19.28	19.13	20.7	3
10	256QAM	25	25	18.95	19.31	19.18		
10	256QAM	50	0	19.14	19.11	19.05		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.29	22.36	22.29	23.7	0
5	QPSK	1	12	22.10	22.35	22.29		
5	QPSK	1	24	22.17	22.26	22.27		
5	QPSK	12	0	22.21	22.32	22.19		
5	QPSK	12	7	22.06	22.33	22.18	23.7	0
5	QPSK	12	13	22.11	22.22	22.18		
5	QPSK	25	0	22.20	22.23	22.24		
5	16QAM	1	0	22.23	22.30	22.14		
5	16QAM	1	12	21.97	22.27	22.25	23.7	0
5	16QAM	1	24	22.06	22.12	22.12		
5	16QAM	12	0	22.16	22.23	22.06		
5	16QAM	12	7	21.95	22.24	21.99	23.7	0
5	16QAM	12	13	22.01	22.22	22.02		
5	16QAM	25	0	22.14	22.14	22.20		
5	64QAM	1	0	22.15	22.09	22.02		
5	64QAM	1	12	21.99	22.28	22.21	23.7	0
5	64QAM	1	24	21.96	22.09	22.05		
5	64QAM	12	0	21.33	21.34	21.15		
5	64QAM	12	7	21.08	21.35	21.15	22.7	1
5	64QAM	12	13	21.10	21.20	21.20		
5	64QAM	25	0	21.16	22.12	21.17		
5	256QAM	1	0	19.26	19.30	19.27		
5	256QAM	1	12	19.05	19.29	19.13	20.7	3
5	256QAM	1	24	19.18	19.18	19.18		
5	256QAM	12	0	19.09	19.28	19.10		
5	256QAM	12	7	19.16	19.29	19.12	20.7	3
5	256QAM	12	13	19.00	19.28	19.20		
5	256QAM	25	0	19.15	19.12	19.05		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.31	22.42	22.26	23.7	0
3	QPSK	1	8	22.09	22.38	22.30		
3	QPSK	1	14	22.21	22.27	22.18		
3	QPSK	8	0	22.30	22.29	22.19		
3	QPSK	8	4	22.03	22.31	22.18	23.7	0
3	QPSK	8	7	22.10	22.12	22.17		
3	QPSK	15	0	22.27	22.22	22.24		
3	16QAM	1	0	22.23	22.21	22.12		
3	16QAM	1	8	21.97	22.31	22.21	23.7	0
3	16QAM	1	14	22.07	22.18	22.14		
3	16QAM	8	0	22.17	22.18	22.10		
3	16QAM	8	4	21.95	22.16	22.12	23.7	0
3	16QAM	8	7	22.06	22.17	22.13		
3	16QAM	15	0	22.15	22.13	22.15		
3	64QAM	1	0	22.17	22.09	22.01		
3	64QAM	1	8	21.91	22.04	22.03	23.7	0
3	64QAM	1	14	22.03	22.13	22.00		
3	64QAM	8	0	21.24	21.34	21.13		
3	64QAM	8	4	21.13	21.31	21.07	22.7	1
3	64QAM	8	7	21.06	21.28	21.20		
3	64QAM	15	0	21.12	21.23	21.21		
3	256QAM	1	0	19.31	19.25	19.25		
3	256QAM	1	8	19.07	19.30	19.19	20.7	3
3	256QAM	1	14	19.11	19.23	19.19		
3	256QAM	8	0	19.20	19.26	19.20		
3	256QAM	8	4	19.23	19.29	19.17	20.7	3
3	256QAM	8	7	19.02	19.29	19.22		
3	256QAM	15	0	19.17	19.22	19.08		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.32	22.33	22.30	23.7	0
1.4	QPSK	1	3	22.09	22.35	22.25		
1.4	QPSK	1	5	22.20	22.26	22.24		
1.4	QPSK	3	0	22.32	22.35	22.25		
1.4	QPSK	3	1	21.97	22.23	22.19		
1.4	QPSK	3	3	22.04	22.14	22.13		
1.4	QPSK	6	0	22.29	22.25	22.17	23.7	0
1.4	16QAM	1	0	22.21	22.26	22.17		
1.4	16QAM	1	3	21.97	22.24	22.16		
1.4	16QAM	1	5	22.10	22.15	22.08	23.7	0
1.4	16QAM	3	0	22.16	22.26	22.07		
1.4	16QAM	3	1	21.92	22.17	22.00		
1.4	16QAM	3	3	22.08	22.18	22.03		
1.4	16QAM	6	0	22.12	22.17	22.17	23.7	0
1.4	64QAM	1	0	22.15	22.13	22.06		
1.4	64QAM	1	3	21.96	22.30	22.14		
1.4	64QAM	1	5	21.93	22.04	22.07	23.7	0
1.4	64QAM	3	0	22.03	22.03	21.97		
1.4	64QAM	3	1	21.89	22.28	22.05		
1.4	64QAM	3	3	21.83	21.97	22.03		
1.4	64QAM	6	0	21.12	21.28	21.16	22.7	1
1.4	256QAM	1	0	19.26	19.35	19.26		
1.4	256QAM	1	3	19.02	19.21	19.17		
1.4	256QAM	1	5	19.19	19.23	19.24	20.7	3
1.4	256QAM	3	0	19.22	19.32	19.16		
1.4	256QAM	3	1	19.23	19.26	19.15		
1.4	256QAM	3	3	18.94	19.30	19.15		
1.4	256QAM	6	0	19.15	19.12	19.12	20.7	3

Band 7 Ant 2 DSI3

BW [MHz]	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	17.93	18.07	17.98	19.5	0
20	QPSK	1	49	17.99	17.94	17.94		
20	QPSK	1	99	17.97	17.97	18.00		
20	QPSK	50	0	17.85	18.03	17.93		
20	QPSK	50	24	17.90	17.89	17.81	19.5	0
20	QPSK	50	50	17.80	17.80	17.94		
20	QPSK	100	0	17.93	17.96	17.95		
20	16QAM	1	0	17.80	17.96	17.95		
20	16QAM	1	49	17.88	17.82	17.85	19.5	0
20	16QAM	1	99	17.81	17.86	17.92		
20	16QAM	50	0	17.75	17

Band 2 Ant 3 DSI3

BW [MHz]	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	18800	18900		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.68	20.77	20.70		
20	QPSK	1	49	20.55	20.68	20.65	22	0
20	QPSK	1	99	20.52	20.62	20.50		
20	QPSK	50	0	20.60	20.73	20.56		
20	QPSK	50	24	20.43	20.64	20.51	22	0
20	QPSK	50	50	20.41	20.60	20.40		
20	QPSK	100	0	20.55	20.67	20.56		
20	16QAM	1	0	20.61	20.68	20.60		
20	16QAM	1	49	20.47	20.54	20.54	22	0
20	16QAM	1	99	20.39	20.59	20.42		
20	16QAM	50	0	20.47	20.66	20.52		
20	16QAM	50	24	20.32	20.56	20.40	22	0
20	16QAM	50	50	20.30	20.52	20.38		
20	16QAM	100	0	20.44	20.57	20.47		
20	64QAM	1	0	20.48	20.62	20.56		
20	64QAM	1	49	20.39	20.41	20.51	22	0
20	64QAM	1	99	20.35	20.56	20.30		
20	64QAM	50	0	20.54	20.66	20.44		
20	64QAM	50	24	20.37	20.55	20.41	22	0
20	64QAM	50	50	20.36	20.48	20.29		
20	64QAM	100	0	20.49	20.63	20.51		
20	256QAM	1	0	19.10	19.18	19.05		
20	256QAM	1	49	18.89	19.19	18.95	20.5	1.5
20	256QAM	1	99	18.94	19.09	18.89		
20	256QAM	50	0	19.08	19.19	19.10		
20	256QAM	50	24	19.06	19.20	19.06	20.5	1.5
20	256QAM	50	50	18.98	19.03	18.98		
20	256QAM	100	0	18.93	19.06	18.92		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.65	20.67	20.65		
15	QPSK	1	37	20.47	20.58	20.49	22	0
15	QPSK	1	74	20.41	20.66	20.39		
15	QPSK	36	0	20.47	20.63	20.52		
15	QPSK	36	20	20.30	20.51	20.40	22	0
15	QPSK	36	39	20.31	20.50	20.33		
15	QPSK	75	0	20.47	20.56	20.44		
15	16QAM	1	0	20.51	20.65	20.46		
15	16QAM	1	37	20.34	20.51	20.50	22	0
15	16QAM	1	74	20.35	20.52	20.38		
15	16QAM	36	0	20.40	20.63	20.46		
15	16QAM	36	20	20.19	20.46	20.28	22	0
15	16QAM	36	39	20.23	20.49	20.29		
15	16QAM	75	0	20.41	20.50	20.43		
15	64QAM	1	0	20.46	20.53	20.48		
15	64QAM	1	37	20.36	20.31	20.45	22	0
15	64QAM	1	74	20.25	20.46	20.25		
15	64QAM	36	0	20.42	20.62	20.31		
15	64QAM	36	20	20.24	20.47	20.38	22	0
15	64QAM	36	39	20.23	20.42	20.18		
15	64QAM	75	0	20.41	20.53	20.47		
15	256QAM	1	0	19.00	19.09	18.92		
15	256QAM	1	37	18.81	19.10	18.84	20.5	1.5
15	256QAM	1	74	18.88	19.05	18.82		
15	256QAM	36	0	19.01	19.10	19.05		
15	256QAM	36	20	19.02	19.10	19.02	20.5	1.5
15	256QAM	36	39	18.87	18.98	19.03		
15	256QAM	75	0	18.82	19.00	18.84		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.56	20.66	20.60		
10	QPSK	1	25	20.50	20.63	20.51	22	0
10	QPSK	1	49	20.39	20.64	20.46		
10	QPSK	25	0	20.54	20.62	20.53		
10	QPSK	25	12	20.34	20.58	20.39	22	0
10	QPSK	25	25	20.34	20.58	20.27		
10	QPSK	50	0	20.49	20.63	20.43		
10	16QAM	1	0	20.58	20.55	20.56		
10	16QAM	1	25	20.34	20.51	20.49	22	0
10	16QAM	1	49	20.30	20.55	20.30		
10	16QAM	25	0	20.44	20.62	20.41		
10	16QAM	25	12	20.20	20.47	20.34	22	0
10	16QAM	25	25	20.23	20.46	20.25		
10	16QAM	50	0	20.36	20.47	20.37		
10	64QAM	1	0	20.41	20.53	20.46		
10	64QAM	1	25	20.37	20.30	20.42	22	0
10	64QAM	1	49	20.30	20.51	20.19		
10	64QAM	25	0	20.44	20.58	20.40		
10	64QAM	25	12	20.33	20.43	20.28	22	0
10	64QAM	25	25	20.29	20.37	20.26		
10	64QAM	50	0	20.38	20.55	20.48		
10	256QAM	1	0	19.03	19.10	19.11		
10	256QAM	1	25	18.80	19.17	18.89	20.5	1.5
10	256QAM	1	49	18.87	18.99	18.86		
10	256QAM	25	0	19.03	19.16	18.99		
10	256QAM	25	12	19.01	19.16	18.93	20.5	1.5
10	256QAM	25	25	18.95	18.98	19.05		
10	256QAM	50	0	18.91	18.99	18.94		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.54	20.73	20.62		
5	QPSK	1	12	20.42	20.54	20.56	22	0
5	QPSK	1	24	20.49	20.64	20.38		
5	QPSK	12	0	20.48	20.68	20.50		
5	QPSK	12	7	20.41	20.54	20.44	22	0
5	QPSK	12	13	20.32	20.53	20.27		
5	QPSK	25	0	20.43	20.58	20.53		
5	16QAM	1	0	20.54	20.55	20.47		
5	16QAM	1	12	20.43	20.47	20.47	22	0
5	16QAM	1	24	20.36	20.47	20.30		
5	16QAM	12	0	20.38	20.60	20.44		
5	16QAM	12	7	20.25	20.50	20.29	22	0
5	16QAM	12	13	20.21	20.49	20.29		
5	16QAM	25	0	20.33	20.46	20.39		
5	64QAM	1	0	20.41	20.57	20.44		
5	64QAM	1	12	20.35	20.34	20.39	22	0
5	64QAM	1	24	20.24	20.43	20.23		
5	64QAM	12	0	20.49	20.63	20.35		
5	64QAM	12	7	20.24	20.42	20.32	22	0
5	64QAM	12	13	20.34	20.41	20.18		
5	64QAM	25	0	20.44	20.53	20.48		
5	256QAM	1	0	19.06	19.10	18.98		
5	256QAM	1	12	18.85	19.08	18.84	20.5	1.5
5	256QAM	1	24	18.89	19.04	18.85		
5	256QAM	12	0	18.97	19.16	18.97		
5	256QAM	12	7	18.98	19.11	18.99	20.5	1.5
5	256QAM	12	13	18.90	18.93	19.00		
5	256QAM	25	0	18.86	18.97	18.84		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.63	20.72	20.64		
3	QPSK	1	8	20.49	20.65	20.52	22	0
3	QPSK	1	14	20.44	20.64	20.39		
3	QPSK	8	0	20.48	20.62	20.49		
3	QPSK	8	4	20.31	20.51	20.37	22	0
3	QPSK	8	7	20.38	20.49	20.34		
3	QPSK	15	0	20.51	20.56	20.46		
3	16QAM	1	0	20.55	20.55	20.58		
3	16QAM	1	8	20.35	20.40	20.47	22	0
3	16QAM	1	14	20.37	20.55	20.29		
3	16QAM	8	0	20.33	20.58	20.45		
3	16QAM	8	4	20.28	20.40	20.34	22	0
3	16QAM	8	7	20.21	20.42	20.24		
3	16QAM	15	0	20.40	20.45	20.42		
3	64QAM	1	0	20.34	20.56	20.43		
3	64QAM	1	8	20.29	20.34	20.43	22	0
3	64QAM	1	14	20.27	20.47	20.16		
3	64QAM	8	0	20.50	20.54	20.36		
3	64QAM	8	4	20.31	20.48	20.33	22	0
3	64QAM	8	7	20.24	20.45	20.27		
3	64QAM	15	0	20.36	20.56	20.46		
3	256QAM	1	0	18.96	19.12	18.98		
3	256QAM	1	8	18.75	19.06	18.88	20.5	1.5
3	256QAM	1	14	18.86	19.00	18.78		
3	256QAM	8	0	19.02	19.09	19.08		
3	256QAM	8	4	18.99	19.14	19.03	20.5	1.5
3	256QAM	8	7	18.95	19.00	18.96		
3	256QAM	15	0	18.80	19.00	18.80		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.62	20.73	20.67		
1.4	QPSK	1	3	20.48	20.65	20.53		
1.4	QPSK	1	5	20.49	20.63	20.48	22	0
1.4	QPSK	3	0	20.51	20.70	20.42		
1.4	QPSK	3	1	20.31	20.62	20.45		
1.4	QPSK	3	3	20.30	20.47	20.27		
1.4	QPSK	6	0	20.44	20.54	20.44	22	0
1.4	16QAM	1	0	20.57	20.63	20.54		
1.4	16QAM	1	3	20.45	20.42	20.42		
1.4	16QAM	1	5	20.34	20.55	20.40	22	0
1.4	16QAM	3	0	20.44	20.59	20.39		
1.4	16QAM	3	1	20.22	20.48	20.28		
1.4	16QAM	3	3	20.18	20.40	20.32		
1.4	16QAM	6	0	20.33	20.43	20.39	22	0
1.4	64QAM	1	0	20.38	20.53	20.53		
1.4	64QAM	1	3	20.31	20.31	20.43		
1.4	64QAM	1	5	20.30	20.50	20.17	22	0
1.4	64QAM	3	0	20.49	20.61	20.36		
1.4	64QAM	3	1	20.28	20.43	20.37		
1.4	64QAM	3	3	20.27	20.34	20.19		
1.4	64QAM	6	0	20.41	20.50	20.46	22	0
1.4	256QAM	1	0	19.01	19.14	19.00		
1.4	256QAM	1	3	18.76	19.12	18.82		
1.4	256QAM	1	5	18.83	19.06	18.79	20.5	1.5
1.4	256QAM	3	0	18.95	19.17	19.02		
1.4	256QAM	3	1	19.03	19.14	19.02		
1.4	256QAM	3	3	18.89	18.96	18.99		
1.4	256QAM	6	0	18.83	18.94	18.81	20.5	1.5

Band 4 Ant 3 DSI3

BW [MHz]	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	23.53	23.66	23.56		
20	QPSK	1	49	23.49	23.57	23.52	24.2	0
20	QPSK	1	99	23.46	23.53	23.58		
20	QPSK	50	0	23.41	23.59	23.48		
20	QPSK	50	24	23.43	23.52	23.39	24.2	0
20	QPSK	50	50	23.38	23.44	23.56		
20	QPSK	100	0	23.41	23.55	23.50		
20	16QAM	1	0	23.50	23.55	23.51		
20	16QAM	1	49	23.41	23.46	23.46	24.2	0
20	16QAM	1	99	23.35	23.48	23.55		
20	16QAM	50	0	22.92	23.08	22.95		
20	16QAM	50	24	22.97	23.07	22.87	23.7	0.5
20	16QAM	50	50	22.91	22.93	23.00		
20	16QAM	100	0	22.91	23.10	23.01		
20	64QAM	1	0	23.05	23.06	22.99		
20	64QAM	1	49	22.86	22.94	22.94	23.7	0.5
20	64QAM	1	99	22.90	22.98	23.09		
20	64QAM	50	0	21.96	22.04	21.96		
20	64QAM	50	24	21.90	22.06	21.86	22.7	1.5
20	64QAM	50	50	21.90	21.92	22.09		
20	64QAM	100	0	21.89	22.01	21.98		
20	256QAM	1	0	19.86	20.06	19.93		
20	256QAM	1	49	19.96	19.99	19.89	20.7	3.5
20	256QAM	1	99	19.93	19.91	20.10		
20	256QAM	50	0	19.93	20.05	20.01		
20	256QAM	50	24	20.04	20.07	20.02	20.7	3.5
20	256QAM	50	50	19.86	20.01	19.94		
20	256QAM	100	0	19.80	20.01	20.04		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.42	23.54	23.47		
15	QPSK	1	37	23.40	23.49	23.41	24.2	0
15	QPSK	1	74	23.37	23.50	23.51		
15	QPSK	36	0	23.38	23.55	23.40		
15	QPSK	36	20	23.40	23.41	23.27	24.2	0
15	QPSK	36	39	23.31	23.33	23.46		
15	QPSK	75	0	23.30	23.41	23.46		
15	16QAM	1	0	23.40	23.51	23.47		
15	16QAM	1	37	23.35	23.32	23.35	24.2	0
15	16QAM	1	74	23.22	23.37	23.49		
15	16QAM	36	0	22.80	22.94	22.85		
15	16QAM	36	20	22.93	23.03	22.83	23.7	0.5
15	16QAM	36	39	22.79	22.81	22.93		
15	16QAM	75	0	22.81	23.07	22.98		
15	64QAM	1	0	23.02	22.93	22.92		
15	64QAM	1	37	22.82	22.84	22.83	23.7	0.5
15	64QAM	1	74	22.79	22.90	22.99		
15	64QAM	36	0	21.82	21.91	21.89		
15	64QAM	36	20	21.82	22.01	21.76	22.7	1.5
15	64QAM	36	39	21.79	21.89	22.07		
15	64QAM	75	0	21.82	21.89	21.86		
15	256QAM	1	0	19.81	20.01	19.91		
15	256QAM	1	37	19.92	19.97	19.86	20.7	3.5
15	256QAM	1	74	19.86	19.78	20.02		
15	256QAM	36	0	19.91	20.00	19.90		
15	256QAM	36	20	20.00	20.01	19.96	20.7	3.5
15	256QAM	36	39	19.79	19.96	19.89		
15	256QAM	75	0	19.71	19.88	19.95		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.43	23.53	23.43		
10	QPSK	1	25	23.38	23.49	23.48	24.2	0
10	QPSK	1	49	23.39	23.40	23.48		
10	QPSK	25	0	23.34	23.52	23.37		
10	QPSK	25	12	23.36	23.41	23.30	24.2	0
10	QPSK	25	25	23.35	23.45	23.47		
10	QPSK	50	0	23.38	23.44	23.37		
10	16QAM	1	0	23.40	23.44	23.39		
10	16QAM	1	25	23.30	23.43	23.44	24.2	0
10	16QAM	1	49	23.29	23.43	23.50		
10	16QAM	25	0	22.81	23.04	22.84		
10	16QAM	25	12	22.86	22.97	22.77	23.7	0.5
10	16QAM	25	25	22.79	22.88	22.88		
10	16QAM	50	0	22.82	22.98	22.98		
10	64QAM	1	0	22.96	22.98	22.86		
10	64QAM	1	25	22.78	22.80	22.89	23.7	0.5
10	64QAM	1	49	22.88	22.92	23.01		
10	64QAM	25	0	21.83	21.96	21.89		
10	64QAM	25	12	21.84	22.03	21.75	22.7	1.5
10	64QAM	25	25	21.82	21.88	21.98		
10	64QAM	50	0	21.79	21.95	21.95		
10	256QAM	1	0	19.76	20.00	19.87		
10	256QAM	1	25	19.85	19.96	19.81	20.7	3.5
10	256QAM	1	49	19.79	19.79	20.04		
10	256QAM	25	0	19.88	19.94	19.99		
10	256QAM	25	12	19.91	20.02	19.97	20.7	3.5
10	256QAM	25	25	19.75	19.96	19.81		
10	256QAM	50	0	19.75	19.93	19.97		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.40	23.56	23.45		
5	QPSK	1	12	23.44	23.51	23.43	24.2	0
5	QPSK	1	24	23.38	23.39	23.51		
5	QPSK	12	0	23.29	23.53	23.43		
5	QPSK	12	7	23.35	23.47	23.34	24.2	0
5	QPSK	12	13	23.28	23.31	23.43		
5	QPSK	25	0	23.37	23.47	23.40		
5	16QAM	1	0	23.47	23.50	23.43		
5	16QAM	1	12	23.32	23.38	23.34	24.2	0
5	16QAM	1	24	23.24	23.34	23.46		
5	16QAM	12	0	22.78	22.96	22.92		
5	16QAM	12	7	22.95	22.98	22.85	23.7	0.5
5	16QAM	12	13	22.84	22.92	22.95		
5	16QAM	25	0	22.78	22.99	22.91		
5	64QAM	1	0	23.01	23.03	22.92		
5	64QAM	1	12	22.82	22.89	22.81	23.7	0.5
5	64QAM	1	24	22.87	22.87	22.99		
5	64QAM	12	0	21.83	22.01	21.89		
5	64QAM	12	7	21.80	21.96	21.83	22.7	1.5
5	64QAM	12	13	21.86	21.88	22.05		
5	64QAM	25	0	21.76	21.96	21.98		
5	256QAM	1	0	19.84	19.97	19.91		
5	256QAM	1	12	19.92	19.90	19.77	20.7	3.5
5	256QAM	1	24	19.84	19.78	20.03		
5	256QAM	12	0	19.83	19.92	19.92		
5	256QAM	12	7	19.93	20.00	19.97	20.7	3.5
5	256QAM	12	13	19.79	19.92	19.82		
5	256QAM	25	0	19.77	19.91	19.93		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.46	23.61	23.49		
3	QPSK	1	8	23.43	23.47	23.47	24.2	0
3	QPSK	1	14	23.42	23.45	23.56		
3	QPSK	8	0	23.38	23.54	23.42		
3	QPSK	8	4	23.35	23.41	23.28	24.2	0
3	QPSK	8	7	23.28	23.36	23.51		
3	QPSK	15	0	23.28	23.52	23.41		
3	16QAM	1	0	23.47	23.45	23.44		
3	16QAM	1	8	23.30	23.44	23.35	24.2	0
3	16QAM	1	14	23.30	23.46	23.41		
3	16QAM	8	0	22.88	22.98	22.87		
3	16QAM	8	4	22.83	23.03	22.79	23.7	0.5
3	16QAM	8	7	22.86	22.81	22.94		
3	16QAM	15	0	22.88	23.05	22.90		
3	64QAM	1	0	22.91	23.08	22.88		
3	64QAM	1	8	22.79	22.88	22.91	23.7	0.5
3	64QAM	1	14	22.87	22.86	23.04		
3	64QAM	8	0	21.89	21.93	21.91		
3	64QAM	8	4	21.78	21.98	21.75	22.7	1.5
3	64QAM	8	7	21.86	21.89	21.96		
3	64QAM	15	0	21.76	21.94	21.92		
3	256QAM	1	0	19.75	19.97	19.81		
3	256QAM	1	8	19.91	19.86	19.82	20.7	3.5
3	256QAM	1	14	19.84	19.88	20.04		
3	256QAM	8	0	19.86	19.91	19.88		
3	256QAM	8	4	19.93	19.94	19.89	20.7	3.5
3	256QAM	8	7	19.75	19.90	19.82		
3	256QAM	15	0	19.70	19.98	20.00		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.39	23.61	23.42		
1.4	QPSK	1	3	23.37	23.49	23.49		
1.4	QPSK	1	5	23.44	23.40	23.55	24.2	0
1.4	QPSK	3	0	23.38	23.52	23.42		
1.4	QPSK	3	1	23.31	23.44	23.27		
1.4	QPSK	3	3	23.33	23.42	23.53		
1.4	QPSK	6	0	23.32	23.47	23.46	24.2	0
1.4	16QAM	1	0	23.44	23.51	23.44		
1.4	16QAM	1	3	23.30	23.40	23.43		
1.4	16QAM	1	5	23.31	23.38	23.52	24.2	0
1.4	16QAM	3	0	22.88	23.05	22.83		
1.4	16QAM	3	1	22.83	22.94	22.84		
1.4	16QAM	3	3	22.82	22.81	22.92		
1.4	16QAM	6	0	22.83	23.08	22.87	23.7	0.5
1.4	64QAM	1	0	22.96	22.99	22.90		
1.4	64QAM	1	3	22.83	22.82	22.91		
1.4	64QAM	1	5	22.77	22.86	23.01	23.7	0.5
1.4	64QAM	3	0	22.93	22.96	22.83		
1.4	64QAM	3	1	22.72	22.76	22.89		
1.4	64QAM	3	3	22.88	22.76	22.87		
1.4	64QAM	6	0	21.83	21.90	21.93	22.7	1.5
1.4	256QAM	1	0	19.82	19.96	19.84		
1.4	256QAM	1	3	19.92	19.92	19.79		
1.4	256QAM	1	5	19.83	19.83	20.00	20.7	3.5
1.4	256QAM	3	0	19.82	20.00	19.93		
1.4	256QAM	3	1	19.95	19.95	19.98		
1.4	256QAM	3	3	19.83	19.89	19.83		
1.4	256QAM	6	0	19.76	19.99	20.02	20.7	3.5

Band 7 Ant 3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.62	19.65	19.52		
20	QPSK	1	49	19.53	19.58	19.55	20.2	0
20	QPSK	1	99	19.45	19.55	19.47		
20	QPSK	50	0	19.49	19.59	19.45		
20	QPSK	50	24	19.41	19.56	19.50	20.2	0
20	QPSK	50	50	19.37	19.44	19.41		
20	QPSK	100	0	19.44	19.48	19.39		
20	16QAM	1	0	19.48	19.54	19.39		
20

Band 4 Ant 5 DSI3

BW [MHz]	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	21.79	21.97	21.90	23.2	0
20	QPSK	1	49	21.71	21.90	21.79		
20	QPSK	1	99	21.77	21.84	21.75		
20	QPSK	50	0	21.75	21.93	21.82		
20	QPSK	50	24	21.60	21.78	21.72	23.2	0
20	QPSK	50	50	21.66	21.70	21.66		
20	QPSK	100	0	21.77	21.91	21.84		
20	16QAM	1	0	21.72	21.89	21.84		
20	16QAM	1	49	21.61	21.81	21.70	23.2	0
20	16QAM	1	99	21.70	21.76	21.71		
20	16QAM	50	0	21.71	21.81	21.75		
20	16QAM	50	24	21.58	21.75	21.61	23.2	0
20	16QAM	50	50	21.54	21.59	21.57		
20	16QAM	100	0	21.72	21.83	21.73		
20	64QAM	1	0	21.62	21.81	21.75		
20	64QAM	1	49	21.51	21.75	21.60	23.2	0
20	64QAM	1	99	21.62	21.67	21.60		
20	64QAM	50	0	21.30	21.49	21.36		
20	64QAM	50	24	21.07	21.28	21.24	22.7	0.5
20	64QAM	50	50	21.18	21.24	21.11		
20	64QAM	100	0	21.22	21.44	21.31		
20	256QAM	1	0	19.21	19.41	19.27		
20	256QAM	1	49	19.11	19.28	19.18	20.7	2.5
20	256QAM	1	99	19.16	19.22	19.17		
20	256QAM	50	0	19.31	19.36	19.36		
20	256QAM	50	24	19.20	19.35	19.37	20.7	2.5
20	256QAM	50	50	19.12	19.30	19.23		
20	256QAM	100	0	19.25	19.28	19.18		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.67	21.91	21.78	23.2	0
15	QPSK	1	37	21.66	21.76	21.69		
15	QPSK	1	74	21.72	21.79	21.74		
15	QPSK	36	0	21.67	21.84	21.78		
15	QPSK	36	20	21.50	21.74	21.63	23.2	0
15	QPSK	36	39	21.57	21.68	21.57		
15	QPSK	75	0	21.69	21.83	21.72		
15	16QAM	1	0	21.59	21.80	21.81		
15	16QAM	1	37	21.49	21.75	21.58	23.2	0
15	16QAM	1	74	21.63	21.69	21.64		
15	16QAM	36	0	21.67	21.77	21.73		
15	16QAM	36	20	21.50	21.62	21.57	23.2	0
15	16QAM	36	39	21.42	21.50	21.45		
15	16QAM	75	0	21.67	21.72	21.62		
15	64QAM	1	0	21.60	21.76	21.63		
15	64QAM	1	37	21.46	21.62	21.48	23.2	0
15	64QAM	1	74	21.57	21.60	21.54		
15	64QAM	36	0	21.24	21.43	21.28		
15	64QAM	36	20	20.99	21.16	21.22	22.7	0.5
15	64QAM	36	39	21.08	21.12	21.00		
15	64QAM	75	0	21.14	21.31	21.21		
15	256QAM	1	0	19.15	19.36	19.16		
15	256QAM	1	37	19.06	19.26	19.06	20.7	2.5
15	256QAM	1	74	19.12	19.20	19.08		
15	256QAM	36	0	19.25	19.24	19.32		
15	256QAM	36	20	19.07	19.33	19.34	20.7	2.5
15	256QAM	36	39	19.06	19.23	19.11		
15	256QAM	75	0	19.15	19.23	19.13		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.72	21.86	21.78	23.2	0
10	QPSK	1	25	21.65	21.86	21.71		
10	QPSK	1	49	21.68	21.74	21.70		
10	QPSK	25	0	21.63	21.83	21.69		
10	QPSK	25	12	21.53	21.76	21.63	23.2	0
10	QPSK	25	25	21.55	21.58	21.52		
10	QPSK	50	0	21.68	21.84	21.77		
10	16QAM	1	0	21.68	21.84	21.73		
10	16QAM	1	25	21.57	21.71	21.57	23.2	0
10	16QAM	1	49	21.66	21.69	21.59		
10	16QAM	25	0	21.65	21.70	21.62		
10	16QAM	25	12	21.56	21.63	21.48	23.2	0
10	16QAM	25	25	21.44	21.54	21.49		
10	16QAM	50	0	21.61	21.74	21.70		
10	64QAM	1	0	21.55	21.71	21.67		
10	64QAM	1	25	21.41	21.70	21.54	23.2	0
10	64QAM	1	49	21.56	21.60	21.48		
10	64QAM	25	0	21.25	21.35	21.31		
10	64QAM	25	12	20.94	21.20	21.18	22.7	0.5
10	64QAM	25	25	21.06	21.18	20.99		
10	64QAM	50	0	21.11	21.42	21.20		
10	256QAM	1	0	19.17	19.34	19.17		
10	256QAM	1	25	19.01	19.18	19.14	20.7	2.5
10	256QAM	1	49	19.02	19.08	19.03		
10	256QAM	25	0	19.20	19.25	19.32		
10	256QAM	25	12	19.07	19.32	19.29	20.7	2.5
10	256QAM	25	25	19.04	19.17	19.09		
10	256QAM	50	0	19.20	19.20	19.06		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.70	21.93	21.81	23.2	0
5	QPSK	1	12	21.69	21.81	21.69		
5	QPSK	1	24	21.74	21.75	21.65		
5	QPSK	12	0	21.69	21.89	21.75		
5	QPSK	12	7	21.55	21.74	21.70	23.2	0
5	QPSK	12	13	21.54	21.57	21.62		
5	QPSK	25	0	21.73	21.86	21.75		
5	16QAM	1	0	21.69	21.85	21.73		
5	16QAM	1	12	21.57	21.72	21.61	23.2	0
5	16QAM	1	24	21.63	21.66	21.68		
5	16QAM	12	0	21.64	21.79	21.70		
5	16QAM	12	7	21.50	21.63	21.58	23.2	0
5	16QAM	12	13	21.41	21.48	21.45		
5	16QAM	25	0	21.64	21.75	21.68		
5	64QAM	1	0	21.57	21.74	21.63		
5	64QAM	1	12	21.45	21.64	21.53	23.2	0
5	64QAM	1	24	21.53	21.59	21.55		
5	64QAM	12	0	21.17	21.37	21.27		
5	64QAM	12	7	21.00	21.15	21.11	22.7	0.5
5	64QAM	12	13	21.09	21.14	21.04		
5	64QAM	25	0	21.13	21.41	21.24		
5	256QAM	1	0	19.08	19.38	19.24		
5	256QAM	1	12	19.02	19.26	19.05	20.7	2.5
5	256QAM	1	24	19.06	19.17	19.06		
5	256QAM	12	0	19.22	19.27	19.30		
5	256QAM	12	7	19.13	19.31	19.24	20.7	2.5
5	256QAM	12	13	19.04	19.23	19.09		
5	256QAM	25	0	19.13	19.15	19.07		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.72	21.91	21.80	23.2	0
3	QPSK	1	8	21.66	21.84	21.75		
3	QPSK	1	14	21.64	21.77	21.74		
3	QPSK	8	0	21.71	21.81	21.77		
3	QPSK	8	4	21.54	21.76	21.63	23.2	0
3	QPSK	8	7	21.56	21.58	21.56		
3	QPSK	15	0	21.71	21.78	21.70		
3	16QAM	1	0	21.66	21.78	21.81		
3	16QAM	1	8	21.50	21.71	21.62	23.2	0
3	16QAM	1	14	21.58	21.64	21.60		
3	16QAM	8	0	21.58	21.72	21.71		
3	16QAM	8	4	21.56	21.71	21.55	23.2	0
3	16QAM	8	7	21.46	21.48	21.48		
3	16QAM	15	0	21.66	21.73	21.63		
3	64QAM	1	0	21.50	21.72	21.61		
3	64QAM	1	8	21.49	21.69	21.49	23.2	0
3	64QAM	1	14	21.57	21.62	21.54		
3	64QAM	8	0	21.21	21.46	21.24		
3	64QAM	8	4	21.03	21.17	21.10	22.7	0.5
3	64QAM	8	7	21.11	21.21	21.05		
3	64QAM	15	0	21.16	21.35	21.24		
3	256QAM	1	0	19.09	19.27	19.17		
3	256QAM	1	8	19.05	19.15	19.10	20.7	2.5
3	256QAM	1	14	19.10	19.18	19.11		
3	256QAM	8	0	19.17	19.24	19.24		
3	256QAM	8	4	19.16	19.21	19.23	20.7	2.5
3	256QAM	8	7	18.99	19.19	19.19		
3	256QAM	15	0	19.23	19.22	19.10		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.69	21.92	21.82	23.2	0
1.4	QPSK	1	3	21.67	21.76	21.74		
1.4	QPSK	1	5	21.69	21.80	21.73		
1.4	QPSK	3	0	21.68	21.84	21.78		
1.4	QPSK	3	1	21.52	21.68	21.60		
1.4	QPSK	3	3	21.64	21.57	21.63		
1.4	QPSK	6	0	21.64	21.77	21.78	23.2	0
1.4	16QAM	1	0	21.60	21.77	21.76	23.2	0
1.4	16QAM	1	3	21.56	21.69	21.56		
1.4	16QAM	1	5	21.65	21.74	21.63		
1.4	16QAM	3	0	21.62	21.71	21.68		
1.4	16QAM	3	1	21.47	21.69	21.48		
1.4	16QAM	3	3	21.41	21.56	21.53		
1.4	16QAM	6	0	21.60	21.79	21.62	23.2	0
1.4	64QAM	1	0	21.52	21.77	21.64	23.2	0
1.4	64QAM	1	3	21.41	21.68	21.57		
1.4	64QAM	1	5	21.52	21.63	21.56		
1.4	64QAM	3	0	21.44	21.72	21.57		
1.4	64QAM	3	1	21.34	21.58	21.46		
1.4	64QAM	3	3	21.49	21.55	21.45		
1.4	64QAM	6	0	21.10	21.32	21.25	22.7	0.5
1.4	256QAM	1	0	19.07	19.32	19.15	20.7	2.5
1.4	256QAM	1	3	18.98	19.17	19.07		
1.4	256QAM	1	5	19.02	19.13	19.14		
1.4	256QAM	3	0	19.26	19.27	19.27		
1.4	256QAM	3	1	19.10	19.22	19.26		
1.4	256QAM	3	3	19.09	19.26	19.13		
1.4	256QAM	6	0	19.16	19.23	19.07	20.7	2.5

Band 7 Ant 5 DSI3

BW [MHz]	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	19.09	19.13	19.08	20.5	0
20	QPSK	1	49	19.06	19.03	18.90		
20	QPSK	1	99	19.04	19.06	18.94		
20	QPSK	50	0	19.07	19.07	18.98		
20	QPSK	50	24	18.97	18.95	18.84	20.5	0
20	QPSK	50	50	18.92	19.01	18.81		
20	QPSK	100	0	18.99	19.06	19.02		
20	16QAM	1	0	18.98	19.05	18.96		
20	16QAM	1	49	18.93	18.89	18.87	20.5	0
20	16QAM	1	99	18.91	18.98	18.88		
20	16QAM	50	0	18.99	19.10	18.95		
20	16QAM	50	24	18.94	18.95	18.80	20.5	0
20	16QAM	50	50	18.99	19.04	18.86		
20	16QAM	100	0	18.99	19.02	18.89		
20	64QAM	1	0	18.91	18.86	18.82		
20	64QAM	1	49	18.90	18.90	18.71	20.5	0
20	64QAM	1	99	18.88	18.94	18.95		
20	64QAM	50	0	18.96	19.04	18.99		
20	64QAM	50	24	19.04	18.96	18.86	20.5	0
20	64QAM	50	50	18.91	18.99	18.85		
20	64QAM	100	0	19.00	18.98	18.89		
20	256QAM	1	0	18.96	19.08	18.96		
20	256QAM	1	49	19.00	18.99	18.86	20.5	0
20	256QAM	1	99	18.91	18.95	18.86		
20	256QAM	50	0	19.04	18.96	18.89		
20	256QAM	50	24	18.89	18.88	18.80	20.5	0
20	256QAM	50	50	18.83	18.94	18.74		
20	256QAM	100	0	18.93	18.92	18.92		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.02	19.03	18.95	20.5	0
15	QPSK	1	37	18.93	18.89	18.76		
15	QPSK	1	74	18.96	18.97	18.86		
15	QPSK	36	0	18.93	18.93	18.96		
15	QPSK	36	20	18.89	18.81	18.77	20.5	0
15	QPSK	36	39	18.80	18.98	18.70		
15	QPSK	75	0	18.94	19.00	18.94		
15	16QAM	1	0	18.85	19.02	18.85		
15	16QAM	1	37	18.89	18.85	18.84	20.5	0
15	16QAM	1	74	18.78	18.94	18.84		
15	16QAM	36	0	18.86	19.04	18.84		
15	16QAM	36	20	18.88	18.92	18.66	20.5	0
15	16QAM	36	39	18.93	19.01	18.83		
15	16QAM	75	0	18.94	18.99	18.85		
15	64QAM	1	0	18.84	18.82	18.74		
15	64QAM	1	37	18.87	18.80	18.57	20.5	0
15	64QAM	1	74	18.81	18.83	18.90		
15	64QAM	36	0	18.86	18.95	18.97		
15	64QAM	36	20	19.00	18.85	18.83	20.5	0
15	64QAM	36	39	18.89	18.95	18.77		
15	64QAM	75	0	18.88	18.96	18.76		
15	256QAM	1	0	18.89	18.94	18.87		
15	256QAM	1	37	18.89	18.85	18.74	20.5	0
15	256QAM	1	74	18.82	18.87	18.77		
15	256QAM	36	0	19.00	18.93	18.85		
15	256QAM	36	20	18.79	18.78	18.71	20.5	0
15	256QAM	36	39	18.71	18.87	18.63		
15	256QAM	75	0	18.79	18.90	18.84		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.00	19.05	18.98	20.5	0
10	QPSK	1	25	18.98	18.99	18.86		
10	QPSK	1	49	18.95	18.94	18.81		
10	QPSK	25	0	19.03	19.04	18.93		
10	QPSK	25	12	18.85	18.91	18.77	20.5	0
10	QPSK	25	25	18.82	18.86	18.69		
10	QPSK	50	0	18.85	18.95	18.92		
10	16QAM	1	0	18.94	18.99	18.86		
10	16QAM	1	25	18.81	18.79	18.84	20.5	0
10	16QAM	1	49	18.88	18.95	18.79		
10	16QAM	25	0	18.92	19.07	18.86		
10	16QAM	25	12	18.85	18.90	18.68	20.5	0
10	16QAM	25	25	18.92	18.91	18.73		
10	16QAM	50	0	18.88	18.94	18.81		
10	64QAM	1	0	18.77	18.72	18.73		
10	64QAM	1	25	18.82	18.82	18.68	20.5	0
10	64QAM	1	49	18.82	18.91	18.83		
10	64QAM	25	0	18.93	18.96	18.91		
10	64QAM	25	12	18.93	18.94	18.84	20.5	0
10	64QAM	25	25	18.86	18.96	18.81		
10	64QAM	50	0	18.91	18.85	18.79		
10	256QAM	1	0	18.84	19.04	18.83		
10	256QAM	1	25	18.95	18.95	18.76	20.5	0
10	256QAM	1	49	18.85	18.86	18.82		
10	256QAM	25	0	19.01	18.86	18.81		
10	256QAM	25	12	18.81	18.96	18.71	20.5	0
10	256QAM	25	25	18.70	18.91	18.68		
10	256QAM	50	0	18.84	18.87	18.88		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.99	19.04	19.01	20.5	0
5	QPSK	1	12	18.99	18.96	18.85		
5	QPSK	1	24	18.98	18.93	18.89		
5	QPSK	12	0	19.04	18.98	18.87	20.5	0
5	QPSK	12	7	18.92	18.84	18.71		
5	QPSK	12	13	18.88	18.95	18.74		
5	QPSK	25	0	18.87	18.93	19.00		
5	16QAM	1	0	18.93	18.97	18.89		
5	16QAM	1	12	18.84	18.80	18.85	20.5	0
5	16QAM	1	24	18.86	18.88	18.85		
5	16QAM	12	0	18.96	19.03	18.89		
5	16QAM	12	7	18.90	18.91	18.71	20.5	0
5	16QAM	12	13	18.92	18.84	18.73		
5	16QAM	25	0	18.95	18.93	18.84		
5	64QAM	1	0	18.80	18.77	18.72		
5	64QAM	1	12	18.80	18.83	18.59	20.5	0
5	64QAM	1	24	18.88	18.88	18.92		
5	64QAM	12	0	18.84	18.94	18.87		
5	64QAM	12	7	18.92	18.83	18.78	20.5	0
5	64QAM	12	13	18.79	18.94	18.82		
5	64QAM	25	0	18.88	18.93	18.81		
5	256QAM	1	0	18.93	19.05	18.91		
5	256QAM	1	12	18.95	18.86	18.81	20.5	0
5	256QAM	1	24	18.87	18.81	18.80		
5	256QAM	12	0	18.99	18.85	18.82		
5	256QAM	12	7	18.78	18.86	18.73	20.5	0
5	256QAM	12	13	18.75	18.89	18.64		
5	256QAM	25	0	18.88	18.90	18.82		

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BW [MHz]	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	21.97	22.05	22.02	23.2	0
20	QPSK	1	49	21.89	21.93	21.96		
20	QPSK	1	99	21.85	21.89	21.90		
20	QPSK	50	0	21.86	21.96	21.92		
20	QPSK	50	24	21.76	21.81	21.85	23.2	0
20	QPSK	50	50	21.78	21.84	21.80		
20	QPSK	100	0	21.87	21.92	21.91		
20	16QAM	1	0	21.86	21.95	21.94		
20	16QAM	1	49	21.80	21.90	21.94	23.2	0
20	16QAM	1	99	21.71	21.76	21.86		
20	16QAM	50	0	21.77	21.93	21.83		
20	16QAM	50	24	21.66	21.74	21.73	23.2	0
20	16QAM	50	50	21.73	21.81	21.75		
20	16QAM	100	0	21.79	21.82	21.84		
20	64QAM	1	0	21.83	21.91	21.83		
20	64QAM	1	49	21.73	21.85	21.91	23.2	0
20	64QAM	1	99	21.57	21.71	21.79		
20	64QAM	50	0	21.42	21.40	21.39		
20	64QAM	50	24	21.29	21.31	21.40	22.7	0.5
20	64QAM	50	50	21.32	21.35	21.26		
20	64QAM	100	0	21.35	21.43	21.46		
20	256QAM	1	0	19.34	19.42	19.40		
20	256QAM	1	49	19.26	19.28	19.40	20.7	2.5
20	256QAM	1	99	19.30	19.28	19.29		
20	256QAM	50	0	19.36	19.40	19.37		
20	256QAM	50	24	19.40	19.46	19.49	20.7	2.5
20	256QAM	50	50	19.25	19.46	19.44		
20	256QAM	100	0	19.18	19.29	19.32		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.91	21.95	21.88	23.2	0
15	QPSK	1	37	21.82	21.85	21.90		
15	QPSK	1	74	21.78	21.77	21.82		
15	QPSK	36	0	21.72	21.88	21.84		
15	QPSK	36	20	21.64	21.67	21.74	23.2	0
15	QPSK	36	39	21.67	21.77	21.77		
15	QPSK	75	0	21.74	21.79	21.86		
15	16QAM	1	0	21.78	21.87	21.83		
15	16QAM	1	37	21.74	21.85	21.86	23.2	0
15	16QAM	1	74	21.69	21.74	21.76		
15	16QAM	36	0	21.65	21.81	21.73		
15	16QAM	36	20	21.63	21.64	21.61	23.2	0
15	16QAM	36	39	21.62	21.77	21.72		
15	16QAM	75	0	21.74	21.79	21.73		
15	64QAM	1	0	21.77	21.82	21.71		
15	64QAM	1	37	21.64	21.80	21.83	23.2	0
15	64QAM	1	74	21.46	21.66	21.66		
15	64QAM	36	0	21.31	21.33	21.27		
15	64QAM	36	20	21.27	21.23	21.36	22.7	0.5
15	64QAM	36	39	21.28	21.22	21.22		
15	64QAM	75	0	21.24	21.34	21.43		
15	256QAM	1	0	19.22	19.33	19.32		
15	256QAM	1	37	19.16	19.24	19.38	20.7	2.5
15	256QAM	1	74	19.19	19.17	19.25		
15	256QAM	36	0	19.25	19.27	19.23		
15	256QAM	36	20	19.27	19.33	19.38	20.7	2.5
15	256QAM	36	39	19.21	19.33	19.34		
15	256QAM	75	0	19.10	19.25	19.30		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.84	21.98	21.94	23.2	0
10	QPSK	1	25	21.80	21.91	21.92		
10	QPSK	1	49	21.74	21.81	21.83		
10	QPSK	25	0	21.76	21.91	21.89		
10	QPSK	25	12	21.66	21.68	21.78	23.2	0
10	QPSK	25	25	21.70	21.81	21.75		
10	QPSK	50	0	21.80	21.84	21.84		
10	16QAM	1	0	21.78	21.91	21.81		
10	16QAM	1	25	21.77	21.84

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BW [MHz]	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	19.64	19.74	19.67		
20	QPSK	1	49	19.65	19.64	19.61	21	0
20	QPSK	1	99	19.54	19.59	19.57		
20	QPSK	50	0	19.57	19.69	19.62		
20	QPSK	50	24	19.58	19.59	19.48	21	0
20	QPSK	50	50	19.51	19.53	19.45		
20	QPSK	100	0	19.57	19.66	19.59		
20	16QAM	1	0	19.55	19.63	19.58		
20	16QAM	1	49	19.60	19.55	19.52	21	0
20	16QAM	1	99	19.40	19.53	19.51		
20	16QAM	50	0	19.54	19.62	19.62		
20	16QAM	50	24	19.57	19.56	19.49	21	0
20	16QAM	50	50	19.49	19.45	19.53		
20	16QAM	100	0	19.55	19.59	19.58		
20	64QAM	1	0	19.46	19.49	19.44		
20	64QAM	1	49	19.49	19.40	19.42	21	0
20	64QAM	1	99	19.51	19.62	19.56		
20	64QAM	50	0	19.56	19.67	19.57		
20	64QAM	50	24	19.52	19.58	19.59	21	0
20	64QAM	50	50	19.43	19.47	19.47		
20	64QAM	100	0	19.51	19.57	19.58		
20	256QAM	1	0	19.15	19.30	19.13		
20	256QAM	1	49	19.19	19.12	19.08	20.5	0.5
20	256QAM	1	99	19.05	19.13	19.06		
20	256QAM	50	0	19.03	19.22	19.12		
20	256QAM	50	24	19.13	19.04	19.03	20.5	0.5
20	256QAM	50	50	18.95	19.08	18.91		
20	256QAM	100	0	19.12	19.20	19.08		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.52	19.67	19.62		
15	QPSK	1	37	19.57	19.61	19.59	21	0
15	QPSK	1	74	19.45	19.49	19.52		
15	QPSK	36	0	19.52	19.60	19.59		
15	QPSK	36	20	19.51	19.47	19.37	21	0
15	QPSK	36	39	19.43	19.40	19.34		
15	QPSK	75	0	19.53	19.55	19.46		
15	16QAM	1	0	19.44	19.50	19.49		
15	16QAM	1	37	19.56	19.42	19.40	21	0
15	16QAM	1	74	19.28	19.46	19.39		
15	16QAM	36	0	19.45	19.50	19.60		
15	16QAM	36	20	19.45	19.45	19.45	21	0
15	16QAM	36	39	19.41	19.42	19.44		
15	16QAM	75	0	19.47	19.48	19.55		
15	64QAM	1	0	19.41	19.36	19.31		
15	64QAM	1	37	19.38	19.29	19.35	21	0
15	64QAM	1	74	19.37	19.60	19.45		
15	64QAM	36	0	19.50	19.63	19.43		
15	64QAM	36	20	19.40	19.53	19.52	21	0
15	64QAM	36	39	19.38	19.43	19.34		
15	64QAM	75	0	19.48	19.48	19.48		
15	256QAM	1	0	19.08	19.21	19.00		
15	256QAM	1	37	19.09	19.06	19.05	20.5	0.5
15	256QAM	1	74	18.92	19.03	18.93		
15	256QAM	36	0	19.00	19.10	19.02		
15	256QAM	36	20	19.08	18.97	18.96	20.5	0.5
15	256QAM	36	39	18.91	18.97	18.84		
15	256QAM	75	0	19.01	19.11	19.04		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.61	19.61	19.56		
10	QPSK	1	25	19.58	19.60	19.57	21	0
10	QPSK	1	49	19.40	19.49	19.52		
10	QPSK	25	0	19.53	19.66	19.50		
10	QPSK	25	12	19.45	19.52	19.43	21	0
10	QPSK	25	25	19.42	19.40	19.41		
10	QPSK	50	0	19.47	19.63	19.46		
10	16QAM	1	0	19.44	19.56	19.49		
10	16QAM	1	25	19.54	19.53	19.46	21	0
10	16QAM	1	49	19.36	19.46	19.37		
10	16QAM	25	0	19.49	19.53	19.49		
10	16QAM	25	12	19.51	19.50	19.40	21	0
10	16QAM	25	25	19.46	19.42	19.47		
10	16QAM	50	0	19.48	19.48	19.50		
10	64QAM	1	0	19.34	19.41	19.39		
10	64QAM	1	25	19.44	19.27	19.30	21	0
10	64QAM	1	49	19.39	19.57	19.51		
10	64QAM	25	0	19.48	19.62	19.54		
10	64QAM	25	12	19.40	19.48	19.50	21	0
10	64QAM	25	25	19.36	19.35	19.44		
10	64QAM	50	0	19.41	19.49	19.52		
10	256QAM	1	0	19.03	19.20	19.09		
10	256QAM	1	25	19.14	19.07	19.05	20.5	0.5
10	256QAM	1	49	18.97	19.01	19.03		
10	256QAM	25	0	18.92	19.15	19.08		
10	256QAM	25	12	19.06	18.92	19.00	20.5	0.5
10	256QAM	25	25	18.82	19.05	18.81		
10	256QAM	50	0	19.03	19.08	19.05		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.50	19.71	19.53		
5	QPSK	1	12	19.58	19.59	19.52	21	0
5	QPSK	1	24	19.50	19.47	19.47		
5	QPSK	12	0	19.55	19.63	19.51		
5	QPSK	12	7	19.56	19.53	19.42	21	0
5	QPSK	12	13	19.44	19.47	19.37		
5	QPSK	25	0	19.46	19.54	19.55		
5	16QAM	1	0	19.52	19.50	19.46		
5	16QAM	1	12	19.56	19.44	19.45	21	0
5	16QAM	1	24	19.35	19.48	19.37		
5	16QAM	12	0	19.42	19.55	19.49		
5	16QAM	12	7	19.53	19.46	19.46	21	0
5	16QAM	12	13	19.36	19.40	19.47		
5	16QAM	25	0	19.50	19.47	19.51		
5	64QAM	1	0	19.38	19.45	19.35		
5	64QAM	1	12	19.41	19.30	19.36	21	0
5	64QAM	1	24	19.39	19.49	19.54		
5	64QAM	12	0	19.48	19.58	19.54		
5	64QAM	12	7	19.41	19.45	19.55	21	0
5	64QAM	12	13	19.40	19.39	19.37		
5	64QAM	25	0	19.45	19.52	19.48		
5	256QAM	1	0	19.11	19.17	19.00		
5	256QAM	1	12	19.11	18.98	18.98	20.5	0.5
5	256QAM	1	24	18.97	19.03	18.98		
5	256QAM	12	0	18.90	19.08	19.05		
5	256QAM	12	7	19.00	18.95	18.96	20.5	0.5
5	256QAM	12	13	18.81	19.00	18.89		
5	256QAM	25	0	19.03	19.15	18.99		

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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	19.61	19.63	19.68	19.56	19.59		
20	QPSK	1	49	19.53	19.57	19.65	19.53	19.41	21	0
20	QPSK	1	99	19.51	19.57	19.54	19.53	19.43		
20	QPSK	50	0	19.55	19.54	19.64	19.46	19.45		
20	QPSK	50	24	19.41	19.47	19.59	19.44	19.31	21	0
20	QPSK	50	50	19.43	19.44	19.51	19.46	19.38		
20	QPSK	100	0	19.49	19.54	19.61	19.46	19.57		
20	16QAM	1	0	19.57	19.55	19.59	19.46	19.53		
20	16QAM	1	49	19.41	19.52	19.59	19.41	19.29	21	0
20	16QAM	1	99	19.40	19.48	19.46	19.48	19.35		
20	16QAM	50	0	19.48	19.56	19.57	19.50	19.50		
20	16QAM	50	24	19.48	19.46	19.55	19.44	19.38	21	0
20	16QAM	50	50	19.44	19.46	19.47	19.42	19.32		
20	16QAM	100	0	19.42	19.52	19.55	19.35	19.33		
20	64QAM	1	0	19.29	19.33	19.50	19.37	19.26		
20	64QAM	1	49	19.33	19.37	19.41	19.41	19.27	21	0
20	64QAM	1	99	19.37	19.51	19.49	19.34	19.48		
20	64QAM	50	0	19.51	19.51	19.63	19.48	19.45		
20	64QAM	50	24	19.47	19.52	19.53	19.39	19.39	21	0
20	64QAM	50	50	19.47	19.50	19.41	19.50	19.36		
20	64QAM	100	0	19.46	19.49	19.61	19.39	19.41		
20	256QAM	1	0	19.07	19.13	19.23	19.02	19.04		
20	256QAM	1	49	19.07	19.09	19.21	19.00	18.85	20.5	0.5
20	256QAM	1	99	18.95	19.07	19.06	18.98	18.88		
20	256QAM	50	0	19.10	18.99	19.10	18.93	18.90		
20	256QAM	50	24	18.88	18.93	19.11	18.88	18.84	20.5	0.5
20	256QAM	50	50	18.92	18.99	19.06	18.91	18.82		
20	256QAM	100	0	19.02	19.08	19.15	18.98	19.01		
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	19.55	19.60	19.65	19.50	19.53		
15	QPSK	1	37	19.48	19.54	19.60	19.46	19.38	21.00	0
15	QPSK	1	74	19.39	19.50	19.49	19.39	19.40		
15	QPSK	36	0	19.47	19.50	19.55	19.34	19.33		
15	QPSK	36	20	19.32	19.37	19.57	19.38	19.19	21	0
15	QPSK	36	39	19.39	19.33	19.41	19.33	19.32		
15	QPSK	75	0	19.42	19.48	19.55	19.37	19.52		
15	16QAM	1	0	19.50	19.42	19.48	19.33	19.47		
15	16QAM	1	37	19.29	19.38	19.57	19.35	19.22	21	0
15	16QAM	1	74	19.38	19.41	19.39	19.42	19.31		
15	16QAM	36	0	19.36	19.48	19.52	19.39	19.45		
15	16QAM	36	20	19.43	19.43	19.48	19.33	19.27	21	0
15	16QAM	36	39	19.42	19.38	19.34	19.35	19.20		
15	16QAM	75	0	19.33	19.38	19.52	19.32	19.27		
15	64QAM	1	0	19.27	19.23	19.36	19.32	19.22		
15	64QAM	1	37	19.23	19.25	19.32	19.31	19.13	21	0
15	64QAM	1	74	19.28	19.40	19.45	19.24	19.46		
15	64QAM	36	0	19.48	19.48	19.51	19.44	19.35		
15	64QAM	36	20	19.35	19.40	19.47	19.30	19.31	21	0
15	64QAM	36	39	19.40	19.39	19.27	19.43	19.32		
15	64QAM	75	0	19.36	19.36	19.58	19.34	19.39		
15	256QAM	1	0	19.04	19.06	19.18	18.92	18.94		
15	256QAM	1	37	19.01	18.98	19.17	18.98	18.74	20.5	0.5
15	256QAM	1	74	18.88	19.00	18.96	18.94	18.81		
15	256QAM	36	0	19.01	18.87	19.00	18.80	18.81		
15	256QAM	36	20	18.76	18.87	19.07	18.83	18.79	20.5	0.5
15	256QAM	36	39	18.84	18.92	19.02	18.77	18.69		
15	256QAM	75	0	18.96	19.01	19.02	18.90	18.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.54	19.55	19.59	19.46	19.48		
10	QPSK	1	25	19.45	19.50	19.57	19.46	19.34	21.00	0
10	QPSK	1	49	19.45	19.53	19.52	19.41	19.31		
10	QPSK	25	0	19.50	19.47	19.52	19.36	19.39		
10	QPSK	25	12	19.35	19.36	19.47	19.35	19.29	21	0
10	QPSK	25	25	19.37	19.34	19.47	19.32	19.32		
10	QPSK	50	0	19.45	19.44	19.59	19.33	19.52		
10	16QAM	1	0	19.45	19.48	19.51	19.36	19.50		
10	16QAM	1	25	19.38	19.45	19.49	19.30	19.23	21	0
10	16QAM	1	49	19.27	19.35	19.40	19.41	19.27		
10	16QAM	25	0	19.37	19.45	19.54	19.45	19.40		
10	16QAM	25	12	19.40	19.42	19.47	19.34	19.30	21	0
10	16QAM	25	25	19.38	19.40	19.36	19.32	19.27		
10	16QAM	50	0	19.33	19.50	19.46	19.23	19.26		
10	64QAM	1	0	19.19	19.20	19.36	19.26	19.19		
10	64QAM	1	25	19.24	19.31	19.28	19.38	19.20	21	0
10	64QAM	1	49	19.31	19.44	19.40	19.22	19.41		
10	64QAM	25	0	19.40	19.45	19.50	19.35	19.41		
10	64QAM	25	12	19.44	19.39	19.41	19.33	19.29	21	0
10	64QAM	25	25	19.42	19.43	19.35	19.42	19.24		
10	64QAM	50	0	19.32	19.38	19.48	19.33	19.36		
10	256QAM	1	0	19.01	19.06	19.17	18.95	18.98		
10	256QAM	1	25	18.94	19.02	19.18	18.95	18.73	20.5	0.5
10	256QAM	1	49	18.90	18.94	18.92	18.88	18.76		
10	256QAM	25	0	18.98	18.87	19.00	18.86	18.79		
10	256QAM	25	12	18.84	18.84	19.08	18.83	18.78	20.5	0.5
10	256QAM	25	25	18.83	18.90	18.99	18.83	18.77		
10	256QAM	50	0	18.91	19.05	19.11	18.89	18.92		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.57	19.59	19.60	19.46	19.52		
5	QPSK	1	12	19.42	19.52	19.55	19.48	19.35	21.00	0
5	QPSK	1	24	19.44	19.49	19.42	19.48	19.39		
5	QPSK	12	0	19.45	19.46	19.55	19.42	19.34		
5	QPSK	12	7	19.31	19.41	19.52	19.34	19.24	21	0
5	QPSK	12	13	19.40	19.41	19.41	19.42	19.28		
5	QPSK	25	0	19.42	19.48	19.58	19.35	19.44		
5	16QAM	1	0	19.51	19.46	19.47	19.41	19.39		
5	16QAM	1	12	19.27	19.43	19.49	19.28	19.26	21	0
5	16QAM	1	24	19.26	19.45	19.43	19.45	19.27		
5	16QAM	12	0	19.40	19.51	19.55	19.44	19.37		
5	16QAM	12	7	19.41	19.43	19.43	19.41	19.28	21	0
5	16QAM	12	13	19.35	19.41	19.42	19.33	19.22		
5	16QAM	25	0	19.37	19.40	19.46	19.26	19.19		
5	64QAM	1	0	19.17	19.28	19.42	19.29	19.20		
5	64QAM	1	12	19.22	19.29	19.37	19.38	19.16	21	0
5	64QAM	1	24	19.28	19.39	19.43	19.29	19.45		
5	64QAM	12	0	19.48	19.44	19.54	19.41	19.40		
5	64QAM	12	7	19.40	19.41	19.50	19.30	19.32	21	0
5	64QAM	12	13	19.34	19.44	19.30	19.44	19.30		
5	64QAM	25	0	19.39	19.39	19.55	19.28	19.29		
5	256QAM	1	0	19.02	19.01	19.17	18.98	18.92		
5	256QAM	1	12	19.02	18.96	19.13	18.97	18.76	20.5	0.5
5	256QAM	1	24	18.88	18.96	19.02	18.91	18.75		
5	256QAM	12	0	18.98	18.87	19.07	18.88	18.76		
5	256QAM	12	7	18.79	18.87	19.01	18.85	18.71	20.5	0.5
5	256QAM	12	13	18.79	18.85	19.00	18.79	18.72		
5	256QAM	25	0	18.92	18.95	19.01	18.92	18.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.91	21.98	21.96	22.2	0
20	QPSK	1	49	21.79	21.96	21.89		
20	QPSK	1	99	21.92	21.97	21.86		
20	QPSK	50	0	21.83	21.95	21.84	22.2	0
20	QPSK	50	24	21.77	21.89	21.82		
20	QPSK	50	50	21.89	21.87	21.77		
20	QPSK	100	0	21.84	21.93	21.88		
20	16QAM	1	0	21.79	21.91	21.89	22.2	0
20	16QAM	1	49	21.72	21.94	21.78		
20	16QAM	1	99	21.83	21.88	21.73		
20	16QAM	50	0	21.89	21.86	21.83	22.2	0
20	16QAM	50	24	21.66	21.82	21.78		
20	16QAM	50	50	21.83	21.95	21.75		
20	16QAM	100	0	21.74	21.90	21.71		
20	64QAM	1	0	21.71	21.77	21.71	22.2	0
20	64QAM	1	49	21.86	21.75	21.66		
20	64QAM	1	99	21.82	21.84	21.79		
20	64QAM	50	0	21.85	21.85	21.82	22.2	0
20	64QAM	50	24	21.76	21.91	21.80		
20	64QAM	50	50	21.81	21.91	21.80		
20	64QAM	100	0	21.80	21.81	21.79		
20	256QAM	1	0	20.44	20.46	20.48	20.7	1.5
20	256QAM	1	49	20.29	20.46	20.37		
20	256QAM	1	99	20.41	20.53	20.32		
20	256QAM	50	0	20.32	20.50	20.31	20.7	1.5
20	256QAM	50	24	20.33	20.42	20.30		
20	256QAM	50	50	20.44	20.43	20.26		
20	256QAM	100	0	20.37	20.41	20.33		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.84	21.92	21.91	22.2	0
15	QPSK	1	37	21.70	21.90	21.83		
15	QPSK	1	74	21.78	21.89	21.81		
15	QPSK	36	0	21.72	21.91	21.82	22.2	0
15	QPSK	36	20	21.70	21.79	21.80		
15	QPSK	36	39	21.80	21.83	21.64		
15	QPSK	75	0	21.70	21.79	21.75		
15	16QAM	1	0	21.76	21.81	21.79	22.2	0
15	16QAM	1	37	21.60	21.81	21.76		
15	16QAM	1	74	21.70	21.84	21.69		
15	16QAM	36	0	21.76	21.75	21.74	22.2	0
15	16QAM	36	20	21.55	21.73	21.75		
15	16QAM	36	39	21.73	21.89	21.66		
15	16QAM	75	0	21.68	21.81	21.66		
15	64QAM	1	0	21.60	21.68	21.65	22.2	0
15	64QAM	1	37	21.75	21.68	21.58		
15	64QAM	1	74	21.77	21.77	21.71		
15	64QAM	36	0	21.75	21.78	21.76	22.2	0
15	64QAM	36	20	21.66	21.79	21.73		
15	64QAM	36	39	21.70	21.77	21.68		
15	64QAM	75	0	21.69	21.74	21.71		
15	256QAM	1	0	20.40	20.33	20.37	20.7	1.5
15	256QAM	1	37	20.26	20.34	20.28		
15	256QAM	1	74	20.32	20.49	20.24		
15	256QAM	36	0	20.23	20.45	20.25	20.7	1.5
15	256QAM	36	20	20.20	20.39	20.23		
15	256QAM	36	39	20.35	20.32	20.15		
15	256QAM	75	0	20.34	20.37	20.21		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.86	21.93	21.92	22.2	0
10	QPSK	1	25	21.74	21.90	21.82		
10	QPSK	1	49	21.89	21.86	21.73		
10	QPSK	25	0	21.81	21.81	21.78	22.2	0
10	QPSK	25	12	21.72	21.83	21.78		
10	QPSK	25	25	21.78	21.81	21.71		
10	QPSK	50	0	21.74	21.90	21.80		
10	16QAM	1	0	21.74	21.86	21.86	22.2	0
10	16QAM	1	25	21.60	21.90	21.66		
10	16QAM	1	49	21.73	21.76	21.59		
10	16QAM	25	0	21.81	21.82	21.74	22.2	0
10	16QAM	25	12	21.55	21.69	21.76		
10	16QAM	25	25	21.74	21.82	21.73		
10	16QAM	50	0	21.69	21.80	21.58		
10	64QAM	1	0	21.68	21.72	21.57	22.2	0
10	64QAM	1	25	21.73	21.72	21.64		
10	64QAM	1	49	21.79	21.61	21.77		
10	64QAM	25	0	21.78	21.72	21.76	22.2	0
10	64QAM	25	12	21.69	21.80	21.72		
10	64QAM	25	25	21.71	21.77	21.67		
10	64QAM	50	0	21.76	21.68	21.72		
10	256QAM	1	0	20.36	20.43	20.41	20.7	1.5
10	256QAM	1	25	20.23	20.33	20.26		
10	256QAM	1	49	20.33	20.40	20.22		
10	256QAM	25	0	20.21	20.44	20.24	20.7	1.5
10	256QAM	25	12	20.21	20.37	20.22		
10	256QAM	25	25	20.40	20.40	20.19		
10	256QAM	50	0	20.25	20.31	20.31		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.83	21.92	21.86	22.2	0
5	QPSK	1	12	21.69	21.88	21.84		
5	QPSK	1	24	21.89	21.93	21.83		
5	QPSK	12	0	21.79	21.92	21.80	22.2	0
5	QPSK	12	7	21.71	21.77	21.79		
5	QPSK	12	13	21.78	21.84	21.65		
5	QPSK	25	0	21.78	21.83	21.81		
5	16QAM	1	0	21.71	21.83	21.80	22.2	0
5	16QAM	1	12	21.60	21.81	21.74		
5	16QAM	1	24	21.80	21.77	21.60		
5	16QAM	12	0	21.86	21.74	21.76	22.2	0
5	16QAM	12	7	21.54	21.80	21.73		
5	16QAM	12	13	21.71	21.85	21.66		
5	16QAM	25	0	21.60	21.79	21.68		
5	64QAM	1	0	21.68	21.70	21.65	22.2	0
5	64QAM	1	12	21.81	21.61	21.61		
5	64QAM	1	24	21.80	21.73	21.69		
5	64QAM	12	0	21.79	21.83	21.69	22.2	0
5	64QAM	12	7	21.64	21.67	21.76		
5	64QAM	12	13	21.71	21.83	21.71		
5	64QAM	25	0	21.67	21.73	21.69		
5	256QAM	1	0	20.41	20.34	20.35	20.7	1.5
5	256QAM	1	12	20.16	20.44	20.33		
5	256QAM	1	24	20.37	20.42	20.20		
5	256QAM	12	0	20.28	20.45	20.25	20.7	1.5
5	256QAM	12	7	20.25	20.31	20.18		
5	256QAM	12	13	20.32	20.30	20.15		
5	256QAM	25	0	20.29	20.39	20.25		

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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	21.36	21.30	21.52	21.27	21.25	21.7	0
20	QPSK	1	49	21.27	21.12	21.46	21.28	21.24		
20	QPSK	1	99	21.26	21.29	21.33	21.24	21.25		
20	QPSK	50	0	21.27	21.17	21.48	21.14	21.22	21.7	0
20	QPSK	50	24	21.15	21.04	21.38	21.14	21.11		
20	QPSK	50	50	21.21	21.18	21.23	21.14	21.16		
20	QPSK	100	0	21.30	21.24	21.44	21.22	21.16		
20	16QAM	1	0	21.26	21.17	21.39	21.22	21.14	21.7	0
20	16QAM	1	49	21.23	21.08	21.34	21.18	21.21		
20	16QAM	1	99	21.16	21.16	21.24	21.17	21.22		
20	16QAM	50	0	21.24	21.22	21.44	21.14	21.13	21.7	0
20	16QAM	50	24	21.19	21.04	21.33	21.23	21.18		
20	16QAM	50	50	21.16	21.16	21.23	21.13	21.22		
20	16QAM	100	0	21.20	21.13	21.36	21.10	21.09		
20	64QAM	1	0	21.13	21.02	21.35	21.02	21.04	21.7	0
20	64QAM	1	49	21.09	21.12	21.12	21.03	21.11		
20	64QAM	1	99	21.23	21.12	21.39	21.14	21.11		
20	64QAM	50	0	21.28	21.26	21.46	21.24	21.23	21.7	0
20	64QAM	50	24	21.20	21.06	21.41	21.26	21.21		
20	64QAM	50	50	21.16	21.23	21.19	21.19	21.20		
20	64QAM	100	0	21.24	21.13	21.38	21.10	21.13		
20	256QAM	1	0	20.39	20.32	20.47	20.23	20.26	20.7	1
20	256QAM	1	49	20.31	20.15	20.43	20.31	20.28		
20	256QAM	1	99	20.28	20.28	20.38	20.27	20.20		
20	256QAM	50	0	20.29	20.22	20.42	20.13	20.27	20.7	1
20	256QAM	50	24	20.16	20.10	20.40	20.16	20.17		
20	256QAM	50	50	20.16	20.21	20.28	20.10	20.18		
20	256QAM	100	0	20.29	20.21	20.39	20.23	20.19		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.31	21.21	21.39	21.13	21.16	21.70	0
15	QPSK	1	37	21.17	21.06	21.41	21.16	21.16		
15	QPSK	1	74	21.21	21.18	21.29	21.22	21.18		
15	QPSK	36	0	21.20	21.12	21.40	21.02	21.12	21.7	0
15	QPSK	36	20	21.09	20.96	21.33	21.05	20.99		
15	QPSK	36	39	21.09	21.13	21.16	21.12	21.14		
15	QPSK	75	0	21.28	21.20	21.32	21.10	21.09		
15	16QAM	1	0	21.15	21.09	21.32	21.08	21.03	21.7	0
15	16QAM	1	37	21.20	20.95	21.23	21.05	21.11		
15	16QAM	1	74	21.02	21.09	21.10	21.03	21.13		
15	16QAM	36	0	21.17	21.09	21.32	21.06	21.04	21.7	0
15	16QAM	36	20	21.12	20.93	21.29	21.11	21.05		
15	16QAM	36	39	21.08	21.03	21.19	21.06	21.11		
15	16QAM	75	0	21.14	21.05	21.25	21.00	21.01		
15	64QAM	1	0	21.00	20.99	21.27	20.98	20.98	21.7	0
15	64QAM	1	37	21.02	21.04	21.08	20.99	21.02		
15	64QAM	1	74	21.14	21.07	21.31	21.03	21.03		
15	64QAM	36	0	21.15	21.23	21.39	21.18	21.14	21.7	0
15	64QAM	36	20	21.14	20.96	21.27	21.14	21.12		
15	64QAM	36	39	21.04	21.19	21.08	21.06	21.07		
15	64QAM	75	0	21.16	21.07	21.31	20.97	21.01		
15	256QAM	1	0	20.30	20.18	20.33	20.12	20.14	20.7	1
15	256QAM	1	37	20.20	20.04	20.31	20.22	20.16		
15	256QAM	1	74	20.23	20.26	20.29	20.15	20.15		
15	256QAM	36	0	20.24	20.19	20.29	20.04	20.14	20.7	1
15	256QAM	36	20	20.11	19.96	20.32	20.07	20.06		
15	256QAM	36	39	20.06	20.11	20.20	20.05	20.15		
15	256QAM	75	0	20.22	20.13	20.35	20.21	20.16		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.32	21.25	21.39	21.25	21.16	21.70	0
10	QPSK	1	25	21.23	21.00	21.40	21.18	21.10		
10	QPSK	1	49	21.19	21.20	21.24	21.21	21.22		
10	QPSK	25	0	21.23	21.12	21.38	21.09	21.12	21.7	0
10	QPSK	25	12	21.09	20.91	21.24	21.09	21.08		
10	QPSK	25	25	21.18	21.09	21.16	21.02	21.05		
10	QPSK	50	0	21.28	21.13	21.39	21.12	21.12		
10	16QAM	1	0	21.19	21.11	21.31	21.08	21.06	21.7	0
10	16QAM	1	25	21.19	21.03	21.30	21.09	21.10		
10	16QAM	1	49	21.13	21.12	21.19	21.06	21.16		
10	16QAM	25	0	21.19	21.17	21.37	21.05	21.06	21.7	0
10	16QAM	25	12	21.14	20.91	21.30	21.11	21.07		
10	16QAM	25	25	21.12	21.02	21.10	20.99	21.16		
10	16QAM	50	0	21.11	21.08	21.29	21.02	21.03		
10	64QAM	1	0	21.06	20.96	21.27	20.91	20.90	21.7	0
10	64QAM	1	25	20.96	21.08	21.10	20.96	21.06		
10	64QAM	1	49	21.20	21.07	21.27	21.01	21.04		
10	64QAM	25	0	21.23	21.14	21.36	21.18	21.09	21.7	0
10	64QAM	25	12	21.07	20.93	21.39	21.17	21.17		
10	64QAM	25	25	21.05	21.19	21.08	21.10	21.13		
10	64QAM	50	0	21.12	21.01	21.35	21.04	21.03		
10	256QAM	1	0	20.35	20.27	20.36	20.14	20.14	20.7	1
10	256QAM	1	25	20.28	20.08	20.33	20.21	20.16		
10	256QAM	1	49	20.22	20.22	20.29	20.20	20.06		
10	256QAM	25	0	20.26	20.11	20.34	20.06	20.20	20.7	1
10	256QAM	25	12	20.12	19.99	20.38	20.02	20.09		
10	256QAM	25	25	20.10	20.12	20.25	20.08	20.07		
10	256QAM	50	0	20.18	20.11	20.35	20.17	20.16		
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	21.24	21.26	21.44	21.15	21.17	21.70	0
5	QPSK	1	12	21.13	21.01	21.42	21.21	21.22		
5	QPSK	1	24	21.17	21.23	21.28	21.13	21.21		
5	QPSK	12	0	21.21	21.11	21.41	21.03	21.10	21.7	0
5	QPSK	12	7	21.05	20.95	21.25	21.04	21.00		
5	QPSK	12	13	21.11	21.15	21.17	21.07	21.06		
5	QPSK	25	0	21.22	21.19	21.30	21.18	21.11		
5	16QAM	1	0	21.17	21.08	21.28	21.13	21.01	21.7	0
5	16QAM	1	12	21.16	20.97	21.31	21.07	21.08		
5	16QAM	1	24	21.09	21.11	21.14	21.08	21.20		
5	16QAM	12	0	21.16	21.14	21.31	21.08	21.06	21.7	0
5	16QAM	12	7	21.16	20.99	21.23	21.09	21.13		
5	16QAM	12	13	21.05	21.12	21.09	20.99	21.19		
5	16QAM	25	0	21.14	21.10	21.33	21.07	20.97		
5	64QAM	1	0	21.01	20.90	21.29	20.94	20.92	21.7	0
5	64QAM	1	12	21.02	21.09	21.06	20.93	21.08		
5	64QAM	1	24	21.11	21.03	21.36	21.08	21.00		
5	64QAM	12	0	21.15	21.14	21.34	21.18	21.21	21.7	0
5	64QAM	12	7	21.15	21.02	21.37	21.12	21.13		
5	64QAM	12	13	21.12	21.11	21.07	21.15	21.15		
5	64QAM	25	0	21.18	21.06	21.35	21.01	21.04		
5	256QAM	1	0	20.31	20.19	20.43	20.13	20.19	20.7	1
5	256QAM	1	12	20.23	20.09	20.36	20.21	20.17		
5	256QAM	1	24	20.19	20.16	20.26	20.21	20.16		
5	256QAM	12	0	20.26	20.12	20.30	20.07	20.22	20.7	1
5	256QAM	12	7	20.03	20.01	20.27	20.07	20.08		
5	256QAM	12	13	20.11	20.10	20.18	20.07	20.09		
5	256QAM	25	0	20.15	20.15	20.27	20.14	20.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.12	21.18	21.10	22.5	0
20	QPSK	1	49	21.03	21.12	21.14		
20	QPSK	1	99	20.92	21.09	21.08		
20	QPSK	50	0	20.98	21.16	21.01	22.5	0
20	QPSK	50	24	21.01	21.01	21.06		
20	QPSK	50	50	20.84	21.00	21.01		
20	QPSK	100	0	21.05	21.13	20.99		
20	16QAM	1	0	21.07	21.12	20.97	22.5	0
20	16QAM	1	49	20.95	21.02	21.07		
20	16QAM	1	99	20.81	21.02	20.94		
20	16QAM	50	0	21.05	21.13	21.08	22.5	0
20	16QAM	50	24	20.91	20.99	21.08		
20	16QAM	50	50	20.80	21.04	20.96		
20	16QAM	100	0	20.87	21.07	20.88		
20	64QAM	1	0	20.97	20.90	21.00	22.5	0
20	64QAM	1	49	20.80	20.88	20.98		
20	64QAM	1	99	21.00	21.08	20.87		
20	64QAM	50	0	20.06	20.19	20.12	21.5	1
20	64QAM	50	24	20.01	20.10	20.18		
20	64QAM	50	50	19.88	20.08	20.12		
20	64QAM	100	0	19.95	20.18	20.07		
20	256QAM	1	0	18.09	18.13	18.16	19.5	3
20	256QAM	1	49	18.05	18.17	18.09		
20	256QAM	1	99	17.90	18.07	18.11		
20	256QAM	50	0	17.96	18.19	17.99	19.5	3
20	256QAM	50	24	17.97	18.02	18.05		
20	256QAM	50	50	17.79	17.99	18.05		
20	256QAM	100	0	18.08	18.11	17.99		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.02	21.12	21.07	22.5	0
15	QPSK	1	37	20.93	21.08	21.10		
15	QPSK	1	74	20.80	20.97	20.94		
15	QPSK	36	0	20.88	21.10	20.92	22.5	0
15	QPSK	36	20	20.88	20.92	20.97		
15	QPSK	36	39	20.81	20.91	20.97		
15	QPSK	75	0	20.95	21.07	20.95		
15	16QAM	1	0	21.00	21.00	20.85	22.5	0
15	16QAM	1	37	20.91	20.91	20.96		
15	16QAM	1	74	20.72	21.00	20.88		
15	16QAM	36	0	21.01	21.03	21.01	22.5	0
15	16QAM	36	20	20.81	20.94	21.01		
15	16QAM	36	39	20.68	20.95	20.85		
15	16QAM	75	0	20.79	20.93	20.85		
15	64QAM	1	0	20.84	20.83	20.96	22.5	0
15	64QAM	1	37	20.74	20.85	20.93		
15	64QAM	1	74	20.93	21.03	20.84		
15	64QAM	36	0	19.94	20.10	20.07	21.5	1
15	64QAM	36	20	19.95	20.00	20.13		
15	64QAM	36	39	19.78	20.04	20.07		
15	64QAM	75	0	19.82	20.10	20.03		
15	256QAM	1	0	17.98	18.08	18.02	19.5	3
15	256QAM	1	37	17.93	18.07	17.98		
15	256QAM	1	74	17.79	18.03	18.09		
15	256QAM	36	0	17.90	18.11	17.87	19.5	3
15	256QAM	36	20	17.93	17.92	17.92		
15	256QAM	36	39	17.70	17.95	17.98		
15	256QAM	75	0	18.03	18.04	17.90		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.02	21.15	20.99	22.5	0
10	QPSK	1	25	21.01	21.00	21.02		
10	QPSK	1	49	20.86	21.01	20.96		
10	QPSK	25	0	20.91	21.06	20.93	22.5	0
10	QPSK	25	12	20.97	20.91	20.93		
10	QPSK	25	25	20.76	20.87	20.92		
10	QPSK	50	0	21.00	21.00	20.96		
10	16QAM	1	0	20.98	21.04	20.90	22.5	0
10	16QAM	1	25	20.92	20.90	20.98		
10	16QAM	1	49	20.69	20.90	20.89		
10	16QAM	25	0	20.98	21.09	21.03	22.5	0
10	16QAM	25	12	20.88	20.87	21.00		
10	16QAM	25	25	20.76	21.00	20.93		
10	16QAM	50	0	20.83	20.95	20.79		
10	64QAM	1	0	20.94	20.81	20.95	22.5	0
10	64QAM	1	25	20.74	20.83	20.88		
10	64QAM	1	49	20.91	20.98	20.79		
10	64QAM	25	0	19.92	20.07	20.03	21.5	1
10	64QAM	25	12	19.96	20.07	20.06		
10	64QAM	25	25	19.76	20.04	20.06		
10	64QAM	50	0	19.82	20.12	19.99		
10	256QAM	1	0	18.03	18.00	18.14	19.5	3
10	256QAM	1	25	18.00	18.11	18.01		
10	256QAM	1	49	17.79	18.00	18.03		
10	256QAM	25	0	17.93	18.12	17.95	19.5	3
10	256QAM	25	12	17.91	17.93	17.94		
10	256QAM	25	25	17.77	17.93	17.94		
10	256QAM	50	0	18.02	18.07	17.88		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.07	21.14	20.99	22.5	0
5	QPSK	1	12	20.97	21.07	21.01		
5	QPSK	1	24	20.90	21.03	21.02		
5	QPSK	12	0	20.86	21.06	20.94	22.5	0
5	QPSK	12	7	20.90	20.95	21.01		
5	QPSK	12	13	20.75	20.92	20.94		
5	QPSK	25	0	20.94	21.10	20.95		
5	16QAM	1	0	20.99	20.99	20.84	22.5	0
5	16QAM	1	12	20.83	20.94	21.00		
5	16QAM	1	24	20.71	20.92	20.89		
5	16QAM	12	0	20.97	21.00	20.95	22.5	0
5	16QAM	12	7	20.89	20.85	20.98		
5	16QAM	12	13	20.77	21.01	20.86		
5	16QAM	25	0	20.74	20.97	20.83		
5	64QAM	1	0	20.84	20.78	20.87	22.5	0
5	64QAM	1	12	20.71	20.85	20.87		
5	64QAM	1	24	20.87	20.95	20.83		
5	64QAM	12	0	19.96	20.08	19.99	21.5	1
5	64QAM	12	7	19.97	20.03	20.06		
5	64QAM	12	13	19.74	19.95	19.98		
5	64QAM	25	0	19.87	20.12	20.03		
5	256QAM	1	0	18.05	18.06	18.04	19.5	3
5	256QAM	1	12	17.91	18.10	18.04		
5	256QAM	1	24	17.88	17.95	18.06		
5	256QAM	12	0	17.93	18.07	17.95	19.5	3
5	256QAM	12	7	17.84	17.89	17.98		
5	256QAM	12	13	17.76	17.91	17.97		
5	256QAM	25	0	17.94	18.09	17.89		

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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	21.57	21.49	21.66	21.49	21.42	23	0
20	QPSK	1	49	21.44	21.38	21.54	21.42	21.44		
20	QPSK	1	99	21.49	21.46	21.55	21.45	21.35		
20	QPSK	50	0	21.49	21.43	21.63	21.42	21.38	23	0
20	QPSK	50	24	21.37	21.26	21.51	21.40	21.33		
20	QPSK	50	50	21.44	21.43	21.43	21.32	21.32		
20	QPSK	100	0	21.44	21.41	21.61	21.41	21.32		
20	16QAM	1	0	21.55	21.37	21.59	21.36	21.36	23	0
20	16QAM	1	49	21.39	21.33	21.49	21.29	21.40		
20	16QAM	1	99	21.42	21.39	21.51	21.36	21.26		
20	16QAM	50	0	21.09	20.97	21.14	21.03	20.87	22.5	0.5
20	16QAM	50	24	20.98	20.92	21.08	20.93	20.97		
20	16QAM	50	50	20.98	20.96	21.04	20.96	20.87		
20	16QAM	100	0	21.05	20.90	21.19	20.87	20.91		
20	64QAM	1	0	20.86	20.72	20.99	20.89	20.89	22.5	0.5
20	64QAM	1	49	20.88	20.88	20.96	20.78	20.81		
20	64QAM	1	99	20.92	20.91	21.13	20.96	20.84		
20	64QAM	50	0	20.02	19.97	20.11	19.96	19.94	21.5	1.5
20	64QAM	50	24	19.97	19.83	20.08	19.88	19.97		
20	64QAM	50	50	20.01	20.00	20.06	19.97	19.90		
20	64QAM	100	0	19.97	19.93	20.16	19.92	19.88		
20	256QAM	1	0	18.12	17.98	18.22	17.98	17.89	19.5	3.5
20	256QAM	1	49	17.89	17.93	17.98	17.97	18.00		
20	256QAM	1	99	18.04	17.90	18.05	17.89	17.90		
20	256QAM	50	0	17.97	17.94	18.14	17.96	17.91	19.5	3.5
20	256QAM	50	24	17.86	17.80	17.97	17.86	17.82		
20	256QAM	50	50	17.95	17.93	17.92	17.88	17.78		
20	256QAM	100	0	17.90	17.91	18.13	17.85	17.80		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.43	21.39	21.64	21.45	21.39	23.00	0
15	QPSK	1	37	21.42	21.25	21.41	21.37	21.41		
15	QPSK	1	74	21.36	21.42	21.45	21.41	21.28		
15	QPSK	36	0	21.43	21.33	21.61	21.34	21.28	23	0
15	QPSK	36	20	21.30	21.13	21.39	21.27	21.26		
15	QPSK	36	39	21.31	21.37	21.30	21.27	21.23		
15	QPSK	75	0	21.39	21.37	21.49	21.33	21.19		
15	16QAM	1	0	21.48	21.23	21.47	21.33	21.30	23	0
15	16QAM	1	37	21.33	21.24	21.45	21.20	21.32		
15	16QAM	1	74	21.36	21.27	21.44	21.23	21.23		
15	16QAM	36	0	20.98	20.87	21.08	20.99	20.75	22.5	0.5
15	16QAM	36	20	20.87	20.88	21.02	20.85	20.89		
15	16QAM	36	39	20.95	20.88	21.01	20.87	20.80		
15	16QAM	75	0	21.00	20.81	21.12	20.78	20.80		
15	64QAM	1	0	20.81	20.62	20.88	20.80	20.79	22.5	0.5
15	64QAM	1	37	20.80	20.81	20.90	20.66	20.70		
15	64QAM	1	74	20.85	20.82	21.02	20.86	20.73		
15	64QAM	36	0	19.98	19.95	20.00	19.85	19.81	21.5	1.5
15	64QAM	36	20	19.90	19.77	20.02	19.75	19.93		
15	64QAM	36	39	19.92	19.90	19.95	19.86	19.78		
15	64QAM	75	0	19.87	19.84	20.12	19.81	19.81		
15	256QAM	1	0	18.09	17.88	18.11	17.92	17.79	19.5	3.5
15	256QAM	1	37	17.86	17.84	17.95	17.93	17.90		
15	256QAM	1	74	17.90	17.77	17.98	17.84	17.76		
15	256QAM	36	0	17.94	17.90	18.08	17.87	17.83	19.5	3.5
15	256QAM	36	20	17.77	17.66	17.83	17.83	17.75		
15	256QAM	36	39	17.92	17.86	17.81	17.74	17.75		
15	256QAM	75	0	17.83	17.80	18.01	17.82	17.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.47	21.42	21.63	21.44	21.32	23.00	0
10	QPSK	1	25	21.39	21.33	21.45	21.34	21.35		
10	QPSK	1	49	21.39	21.39	21.48	21.39	21.32		
10	QPSK	25	0	21.35	21.29	21.50	21.29	21.27	23	0
10	QPSK	25	12	21.28	21.23	21.47	21.29	21.25		
10	QPSK	25	25	21.36	21.33	21.40	21.29	21.23		
10	QPSK	50	0	21.38	21.34	21.47	21.28	21.29		
10	16QAM	1	0	21.53	21.35	21.48	21.24	21.29	23	0
10	16QAM	1	25	21.26	21.25	21.37	21.19	21.30		
10	16QAM	1	49	21.38	21.37	21.44	21.22	21.21		
10	16QAM	25	0	20.98	20.89	21.09	20.98	20.76	22.5	0.5
10	16QAM	25	12	20.93	20.84	20.96	20.87	20.92		
10	16QAM	25	25	20.85	20.88	20.90	20.91	20.80		
10	16QAM	50	0	20.94	20.79	21.16	20.78	20.79		
10	64QAM	1	0	20.80	20.62	20.96	20.77	20.80	22.5	0.5
10	64QAM	1	25	20.79	20.76	20.89	20.64	20.74		
10	64QAM	1	49	20.85	20.86	21.04	20.84	20.76		
10	64QAM	25	0	19.93	19.95	20.03	19.88	19.85	21.5	1.5
10	64QAM	25	12	19.90	19.80	19.94	19.75	19.93		
10	64QAM	25	25	19.95	19.91	19.98	19.86	19.83		
10	64QAM	50	0	19.89	19.81	20.04	19.89	19.75		
10	256QAM	1	0	18.02	17.93	18.15	17.95	17.83	19.5	3.5
10	256QAM	1	25	17.86	17.83	17.87	17.88	17.96		
10	256QAM	1	49	17.90	17.78	17.91	17.85	17.80		
10	256QAM	25	0	17.92	17.80	18.03	17.83	17.85	19.5	3.5
10	256QAM	25	12	17.72	17.70	17.90	17.82	17.69		
10	256QAM	25	25	17.92	17.82	17.89	17.85	17.75		
10	256QAM	50	0	17.85	17.84	18.01	17.76	17.74		
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	21.45	21.41	21.58	21.40	21.38	23.00	0
5	QPSK	1	12	21.30	21.29	21.43	21.34	21.33		
5	QPSK	1	24	21.47	21.36	21.46	21.31	21.23		
5	QPSK	12	0	21.38	21.30	21.55	21.35	21.28	23	0
5	QPSK	12	7	21.29	21.15	21.48	21.34	21.29		
5	QPSK	12	13	21.40	21.40	21.33	21.24	21.21		
5	QPSK	25	0	21.36	21.37	21.58	21.32	21.23		
5	16QAM	1	0	21.46	21.23	21.46	21.22	21.22	23	0
5	16QAM	1	12	21.32	21.27	21.36	21.20	21.30		
5	16QAM	1	24	21.33	21.31	21.47	21.33	21.21		
5	16QAM	12	0	21.04	20.91	21.04	20.95	20.75	22.5	0.5
5	16QAM	12	7	20.93	20.86	20.95	20.82	20.83		
5	16QAM	12	13	20.85	20.92	20.97	20.90	20.83		
5	16QAM	25	0	20.98	20.77	21.09	20.73	20.82		
5	64QAM	1	0	20.72	20.68	20.91	20.86	20.77	22.5	0.5
5	64QAM	1	12	20.77	20.80	20.82	20.69	20.74		
5	64QAM	1	24	20.85	20.84	21.04	20.93	20.72		
5	64QAM	12	0	19.98	19.93	20.00	19.93	19.82	21.5	1.5
5	64QAM	12	7	19.89	19.77	20.05	19.86	19.95		
5	64QAM	12	13	19.95	19.97	19.93	19.93	19.81		
5	64QAM	25	0	19.83	19.86	20.10	19.88	19.81		
5	256QAM	1	0	18.02	17.90	18.10	17.96	17.76	19.5	3.5
5	256QAM	1	12	17.78	17.81	17.89	17.90	17.89		
5	256QAM	1	24	17.98	17.85	17.93	17.77	17.82		
5	256QAM	12	0	17.94	17.85	18.01	17.89	17.80	19.5	3.5
5	256QAM	12	7	17.79	17.68	17.85	17.82	17.77		
5	256QAM	12	13	17.85	17.86	17.88	17.82	17.64		
5	256QAM	25	0	17.79	17.77	18.01	17.73	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	22.27	22.28	22.20	23.5	0
20	QPSK	1	49	22.22	22.19	22.12		
20	QPSK	1	99	22.14	22.22	22.12		
20	QPSK	50	0	22.14	22.26	22.06	23.5	0
20	QPSK	50	24	22.13	22.10	22.01		
20	QPSK	50	50	22.02	22.16	22.06		
20	QPSK	100	0	22.20	22.24	22.07		
20	16QAM	1	0	22.22	22.20	22.12	23.5	0
20	16QAM	1	49	22.18	22.13	22.01		
20	16QAM	1	99	22.02	22.12	22.00		
20	16QAM	50	0	22.18	22.19	22.06	23.5	0
20	16QAM	50	24	22.15	22.08	22.09		
20	16QAM	50	50	22.05	22.09	22.05		
20	16QAM	100	0	22.06	22.14	22.02		
20	64QAM	1	0	22.01	22.08	21.93	23.5	0
20	64QAM	1	49	21.89	22.03	21.98		
20	64QAM	1	99	22.08	22.12	21.93		
20	64QAM	50	0	21.25	21.31	21.23	22.5	1
20	64QAM	50	24	21.27	21.14	21.08		
20	64QAM	50	50	21.18	21.25	21.15		
20	64QAM	100	0	21.19	21.20	21.09		
20	256QAM	1	0	19.31	19.33	19.24	20.5	3
20	256QAM	1	49	19.18	19.20	19.16		
20	256QAM	1	99	19.19	19.26	19.16		
20	256QAM	50	0	19.17	19.20	19.09	20.5	3
20	256QAM	50	24	19.13	19.10	19.05		
20	256QAM	50	50	19.02	19.15	19.06		
20	256QAM	100	0	19.25	19.21	19.11		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.14	22.23	22.17	23.5	0
15	QPSK	1	37	22.11	22.10	22.07		
15	QPSK	1	74	22.02	22.08	22.04		
15	QPSK	36	0	22.02	22.24	21.95	23.5	0
15	QPSK	36	20	22.10	22.05	21.88		
15	QPSK	36	39	21.93	22.12	21.98		
15	QPSK	75	0	22.15	22.18	21.96		
15	16QAM	1	0	22.15	22.13	22.01	23.5	0
15	16QAM	1	37	22.08	22.06	21.93		
15	16QAM	1	74	21.97	22.05	21.89		
15	16QAM	36	0	22.05	22.05	22.00	23.5	0
15	16QAM	36	20	22.12	22.05	21.99		
15	16QAM	36	39	22.01	21.97	22.02		
15	16QAM	75	0	22.03	22.05	21.94		
15	64QAM	1	0	21.90	22.00	21.88	23.5	0
15	64QAM	1	37	21.78	21.94	21.85		
15	64QAM	1	74	22.00	22.06	21.81		
15	64QAM	36	0	21.20	21.23	21.21	22.5	1
15	64QAM	36	20	21.14	21.11	20.95		
15	64QAM	36	39	21.05	21.21	21.05		
15	64QAM	75	0	21.13	21.18	21.04		
15	256QAM	1	0	19.19	19.20	19.14	20.5	3
15	256QAM	1	37	19.15	19.11	19.07		
15	256QAM	1	74	19.05	19.22	19.13		
15	256QAM	36	0	19.04	19.11	19.01	20.5	3
15	256QAM	36	20	19.03	18.96	18.97		
15	256QAM	36	39	18.93	19.03	18.94		
15	256QAM	75	0	19.20	19.11	18.98		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.24	22.25	22.14	23.5	0
10	QPSK	1	25	22.09	22.14	21.99		
10	QPSK	1	49	22.08	22.09	22.02		
10	QPSK	25	0	22.04	22.21	21.99	23.5	0
10	QPSK	25	12	22.00	21.97	21.89		
10	QPSK	25	25	21.90	22.03	21.94		
10	QPSK	50	0	22.17	22.10	22.04		
10	16QAM	1	0	22.16	22.15	22.08	23.5	0
10	16QAM	1	25	22.06	22.01	21.88		
10	16QAM	1	49	21.96	22.07	21.92		
10	16QAM	25	0	22.05	22.06	22.04	23.5	0
10	16QAM	25	12	22.07	22.05	21.98		
10	16QAM	25	25	21.96	21.95	21.96		
10	16QAM	50	0	22.02	22.00	21.92		
10	64QAM	1	0	21.97	22.03	21.82	23.5	0
10	64QAM	1	25	21.85	21.91	21.91		
10	64QAM	1	49	21.99	22.03	21.80		
10	64QAM	25	0	21.23	21.28	21.20	22.5	1
10	64QAM	25	12	21.24	21.01	20.95		
10	64QAM	25	25	21.15	21.12	21.02		
10	64QAM	50	0	21.10	21.13	21.04		
10	256QAM	1	0	19.20	19.23	19.21	20.5	3
10	256QAM	1	25	19.06	19.08	19.02		
10	256QAM	1	49	19.09	19.14	19.12		
10	256QAM	25	0	19.05	19.08	19.02	20.5	3
10	256QAM	25	12	19.02	19.05	18.95		
10	256QAM	25	25	18.93	19.05	18.98		
10	256QAM	50	0	19.22	19.08	19.03		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.21	22.26	22.11	23.5	0
5	QPSK	1	12	22.14	22.11	22.05		
5	QPSK	1	24	22.12	22.19	21.99		
5	QPSK	12	0	22.03	22.21	21.98	23.5	0
5	QPSK	12	7	22.01	22.01	21.90		
5	QPSK	12	13	21.97	22.11	21.93		
5	QPSK	25	0	22.17	22.16	21.94		
5	16QAM	1	0	22.19	22.07	22.07	23.5	0
5	16QAM	1	12	22.04	22.04	21.88		
5	16QAM	1	24	21.92	22.02	21.93		
5	16QAM	12	0	22.06	22.13	21.99	23.5	0
5	16QAM	12	7	22.05	22.05	22.05		
5	16QAM	12	13	21.91	22.06	22.02		
5	16QAM	25	0	21.95	22.11	22.00		
5	64QAM	1	0	21.92	22.01	21.88	23.5	0
5	64QAM	1	12	21.78	21.93	21.93		
5	64QAM	1	24	21.97	22.07	21.80		
5	64QAM	12	0	21.13	21.22	21.17	22.5	1
5	64QAM	12	7	21.14	21.08	21.03		
5	64QAM	12	13	21.08	21.12	21.04		
5	64QAM	25	0	21.09	21.17	21.06		
5	256QAM	1	0	19.21	19.22	19.20	20.5	3
5	256QAM	1	12	19.11	19.17	19.04		
5	256QAM	1	24	19.14	19.20	19.11		
5	256QAM	12	0	19.10	19.15	18.95	20.5	3
5	256QAM	12	7	19.03	19.00	18.98		
5	256QAM	12	13	18.93	19.02	18.94		
5	256QAM	25	0	19.14	19.18	19.08		

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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	22.09	22.22	22.23	21.96	22.01	23.5	0
20	QPSK	1	49	22.06	22.10	22.21	21.95	22.02		
20	QPSK	1	99	21.99	22.07	22.18	21.87	21.98		
20	QPSK	50	0	22.01	22.14	22.19	21.92	21.88	23.5	0
20	QPSK	50	24	22.01	22.01	22.08	21.89	21.98		
20	QPSK	50	50	21.96	21.97	22.08	21.74	21.94		
20	QPSK	100	0	21.98	22.19	22.15	21.87	21.91		
20	16QAM	1	0	22.03	22.18	22.09	21.87	21.92	23.5	0
20	16QAM	1	49	22.03	22.02	22.11	21.88	21.92		
20	16QAM	1	99	21.90	21.96	22.08	21.83	21.92		
20	16QAM	50	0	22.05	22.15	22.13	21.86	21.92	23.5	0
20	16QAM	50	24	21.95	22.00	22.13	21.84	21.88		
20	16QAM	50	50	21.88	22.01	22.14	21.83	21.86		
20	16QAM	100	0	21.93	22.08	22.07	21.86	21.79		
20	64QAM	1	0	21.90	21.96	22.01	21.77	21.89	23.5	0
20	64QAM	1	49	21.83	21.93	22.04	21.62	21.85		
20	64QAM	1	99	21.90	22.08	22.09	21.78	21.81		
20	64QAM	50	0	21.12	21.22	21.23	20.91	21.03	22.5	1
20	64QAM	50	24	21.10	21.05	21.19	20.97	21.03		
20	64QAM	50	50	20.96	21.11	21.20	20.83	21.00		
20	64QAM	100	0	21.04	21.13	21.18	20.94	20.91		
20	256QAM	1	0	19.11	19.21	19.23	18.90	19.05	20.5	3
20	256QAM	1	49	19.06	19.11	19.18	18.96	19.05		
20	256QAM	1	99	18.96	19.09	19.16	18.83	18.95		
20	256QAM	50	0	19.03	19.15	19.14	18.94	18.94	20.5	3
20	256QAM	50	24	18.98	19.03	19.13	18.86	18.93		
20	256QAM	50	50	18.99	19.01	19.08	18.80	18.93		
20	256QAM	100	0	18.98	19.15	19.15	18.87	18.94		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.99	22.08	22.21	21.92	21.97	23.50	0
15	QPSK	1	37	21.93	22.07	22.10	21.89	21.92		
15	QPSK	1	74	21.96	22.04	22.10	21.83	21.86		
15	QPSK	36	0	21.90	22.09	22.13	21.84	21.78	23.5	0
15	QPSK	36	20	21.95	21.97	22.04	21.80	21.89		
15	QPSK	36	39	21.82	21.95	22.05	21.66	21.83		
15	QPSK	75	0	21.92	22.12	22.09	21.76	21.88		
15	16QAM	1	0	21.98	22.06	22.06	21.84	21.78	23.5	0
15	16QAM	1	37	21.92	21.89	22.04	21.86	21.89		
15	16QAM	1	74	21.78	21.87	21.95	21.74	21.87		
15	16QAM	36	0	21.94	22.12	22.11	21.73	21.79	23.5	0
15	16QAM	36	20	21.86	21.90	22.08	21.78	21.79		
15	16QAM	36	39	21.81	21.92	22.02	21.78	21.82		
15	16QAM	75	0	21.84	21.98	21.97	21.78	21.71		
15	64QAM	1	0	21.82	21.87	21.95	21.68	21.82	23.5	0
15	64QAM	1	37	21.81	21.85	22.01	21.51	21.73		
15	64QAM	1	74	21.85	21.95	21.95	21.73	21.68		
15	64QAM	36	0	21.07	21.10	21.17	20.79	20.96	22.5	1
15	64QAM	36	20	21.02	20.92	21.15	20.88	20.98		
15	64QAM	36	39	20.87	21.01	21.08	20.77	20.95		
15	64QAM	75	0	20.95	21.09	21.04	20.84	20.83		
15	256QAM	1	0	19.01	19.08	19.11	18.79	19.03	20.5	3
15	256QAM	1	37	18.99	19.02	19.05	18.89	19.01		
15	256QAM	1	74	18.82	19.02	19.06	18.79	18.85		
15	256QAM	36	0	19.00	19.10	19.06	18.87	18.88	20.5	3
15	256QAM	36	20	18.88	19.00	19.02	18.76	18.80		
15	256QAM	36	39	18.94	18.96	19.01	18.73	18.79		
15	256QAM	75	0	18.90	19.06	19.06	18.73	18.86		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.95	22.17	22.11	21.93	21.95	23.50	0
10	QPSK	1	25	22.03	22.06	22.19	21.86	21.96		
10	QPSK	1	49	21.87	22.04	22.12	21.74	21.84		
10	QPSK	25	0	21.99	22.06	22.08	21.80	21.77	23.5	0
10	QPSK	25	12	21.98	21.88	22.04	21.77	21.95		
10	QPSK	25	25	21.90	21.92	22.05	21.71	21.86		
10	QPSK	50	0	21.86	22.11	22.02	21.85	21.83		
10	16QAM	1	0	21.94	22.06	21.97	21.82	21.83	23.5	0
10	16QAM	1	25	22.00	21.90	22.01	21.81	21.89		
10	16QAM	1	49	21.77	21.86	22.02	21.77	21.86		
10	16QAM	25	0	21.96	22.09	22.06	21.82	21.78	23.5	0
10	16QAM	25	12	21.87	21.93	22.11	21.79	21.77		
10	16QAM	25	25	21.74	21.94	22.04	21.70	21.74		
10	16QAM	50	0	21.87	21.99	21.93	21.77	21.76		
10	64QAM	1	0	21.77	21.89	21.95	21.67	21.81	23.5	0
10	64QAM	1	25	21.80	21.84	22.00	21.55	21.78		
10	64QAM	1	49	21.82	21.98	21.97	21.64	21.75		
10	64QAM	25	0	21.04	21.18	21.15	20.77	20.90	22.5	1
10	64QAM	25	12	21.06	21.00	21.16	20.90	20.97		
10	64QAM	25	25	20.86	21.02	21.18	20.75	20.96		
10	64QAM	50	0	20.91	21.03	21.15	20.91	20.81		
10	256QAM	1	0	19.06	19.17	19.10	18.80	18.96	20.5	3
10	256QAM	1	25	18.99	18.98	19.11	18.94	18.94		
10	256QAM	1	49	18.87	19.06	19.11	18.76	18.84		
10	256QAM	25	0	18.99	19.04	19.00	18.89	18.86	20.5	3
10	256QAM	25	12	18.92	18.91	19.06	18.78	18.86		
10	256QAM	25	25	18.86	18.90	18.96	18.69	18.83		
10	256QAM	50	0	18.94	19.05	19.10	18.74	18.88		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.95	22.14	22.14	21.83	21.87	23.50	0
5	QPSK	1	12	22.04	22.06	22.13	21.87	21.94		
5	QPSK	1	24	21.85	21.98	22.04	21.73	21.87		
5	QPSK	12	0	21.96	22.09	22.16	21.80	21.80	23.5	0
5	QPSK	12	7	21.95	21.99	22.05	21.76	21.88		
5	QPSK	12	13	21.93	21.86	22.05	21.70	21.86		
5	QPSK	25	0	21.91	22.09	22.12	21.81	21.88		
5	16QAM	1	0	21.98	22.09	22.04	21.74	21.89	23.5	0
5	16QAM	1	12	21.96	21.98	22.02	21.79	21.86		
5	16QAM	1	24	21.81	21.90	21.96	21.75	21.82		
5	16QAM	12	0	21.96	22.12	22.05	21.83	21.81	23.5	0
5	16QAM	12	7	21.89	21.93	22.03	21.81	21.83		
5	16QAM	12	13	21.82	21.89	22.10	21.77	21.83		
5	16QAM	25	0	21.89	22.04	22.02	21.79	21.76		
5	64QAM	1	0	21.87	21.89	21.92	21.66	21.85	23.5	0
5	64QAM	1	12	21.75	21.86	22.00	21.52	21.80		
5	64QAM	1	24	21.87	21.99	21.96	21.70	21.69		
5	64QAM	12	0	21.01	21.17	21.09	20.81	20.97	22.5	1
5	64QAM	12	7	21.05	20.96	21.12	20.90	20.99		
5	64QAM	12	13	20.88	21.09	21.15	20.70	20.97		
5	64QAM	25	0	20.96	21.10	21.05	20.88	20.77		
5	256QAM	1	0	19.05	19.17	19.11	18.85	18.96	20.5	3
5	256QAM	1	12	19.00	19.02	19.10	18.86	19.02		
5	256QAM	1	24	18.90	18.97	19.04	18.74	18.92		
5	256QAM	12	0	18.96	19.13	19.05	18.86	18.88	20.5	3
5	256QAM	12	7	18.85	18.92	19.05	18.82	18.89		
5	256QAM	12	13	18.94	18.92	19.05	18.73	18.87		
5	256QAM	25	0	18.94	19.13	19.13	18.74	18.84		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.91	21.07	21.02	22.5	0
20	QPSK	1	49	20.81	21.04	20.81		
20	QPSK	1	99	20.84	20.99	20.89		
20	QPSK	50	0	20.43	20.60	20.49	22	0.5
20	QPSK	50	24	20.31	20.52	20.31		
20	QPSK	50	50	20.39	20.53	20.37		
20	QPSK	100	0	20.46	20.58	20.48		
20	16QAM	1	0	20.34	20.58	20.32	22	0.5
20	16QAM	1	49	20.33	20.53	20.44		
20	16QAM	1	99	20.39	20.56	20.57		
20	16QAM	50	0	19.48	19.66	19.48	21	1.5
20	16QAM	50	24	19.37	19.48	19.31		
20	16QAM	50	50	19.41	19.58	19.36		
20	16QAM	100	0	19.45	19.57	19.43		
20	64QAM	1	0	19.35	19.61	19.33	21	1.5
20	64QAM	1	49	19.33	19.54	19.42		
20	64QAM	1	99	19.39	19.52	19.59		
20	64QAM	50	0	18.48	18.63	18.54	20	2.5
20	64QAM	50	24	18.28	18.56	18.32		
20	64QAM	50	50	18.40	18.51	18.41		
20	64QAM	100	0	18.44	18.54	18.52		
20	256QAM	1	0	16.47	16.65	16.50	18	4.5
20	256QAM	1	49	16.28	16.53	16.26		
20	256QAM	1	99	16.40	16.53	16.38		
20	256QAM	50	0	16.42	16.57	16.42	18	4.5
20	256QAM	50	24	16.29	16.61	16.28		
20	256QAM	50	50	16.33	16.48	16.42		
20	256QAM	100	0	16.42	16.60	16.59		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.86	21.02	20.88	22.5	0
15	QPSK	1	37	20.76	20.91	20.76		
15	QPSK	1	74	20.74	20.92	20.77		
15	QPSK	36	0	20.37	20.48	20.47	22	0.5
15	QPSK	36	20	20.17	20.40	20.25		
15	QPSK	36	39	20.34	20.48	20.32		
15	QPSK	75	0	20.32	20.53	20.35		
15	16QAM	1	0	20.27	20.51	20.28	22	0.5
15	16QAM	1	37	20.23	20.42	20.38		
15	16QAM	1	74	20.34	20.54	20.48		
15	16QAM	36	0	19.37	19.58	19.37	21	1.5
15	16QAM	36	20	19.28	19.36	19.23		
15	16QAM	36	39	19.37	19.45	19.34		
15	16QAM	75	0	19.41	19.47	19.38		
15	64QAM	1	0	19.27	19.57	19.19	21	1.5
15	64QAM	1	37	19.22	19.50	19.34		
15	64QAM	1	74	19.36	19.39	19.52		
15	64QAM	36	0	18.41	18.53	18.41	20	2.5
15	64QAM	36	20	18.15	18.49	18.23		
15	64QAM	36	39	18.28	18.48	18.36		
15	64QAM	75	0	18.40	18.49	18.41		
15	256QAM	1	0	16.34	16.55	16.41	18	4.5
15	256QAM	1	37	16.17	16.50	16.16		
15	256QAM	1	74	16.26	16.41	16.26		
15	256QAM	36	0	16.32	16.49	16.36	18	4.5
15	256QAM	36	20	16.22	16.57	16.25		
15	256QAM	36	39	16.20	16.40	16.29		
15	256QAM	75	0	16.39	16.48	16.53		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.86	21.00	20.96	22.5	0
10	QPSK	1	25	20.71	20.93	20.68		
10	QPSK	1	49	20.71	20.87	20.75		
10	QPSK	25	0	20.34	20.51	20.38	22	0.5
10	QPSK	25	12	20.19	20.39	20.22		
10	QPSK	25	25	20.36	20.51	20.31		
10	QPSK	50	0	20.34	20.56	20.38		
10	16QAM	1	0	20.30	20.51	20.21	22	0.5
10	16QAM	1	25	20.30	20.47	20.42		
10	16QAM	1	49	20.36	20.42	20.54		
10	16QAM	25	0	19.42	19.60	19.39	21	1.5
10	16QAM	25	12	19.24	19.39	19.28		
10	16QAM	25	25	19.37	19.56	19.24		
10	16QAM	50	0	19.39	19.45	19.36		
10	64QAM	1	0	19.27	19.54	19.30	21	1.5
10	64QAM	1	25	19.23	19.49	19.30		
10	64QAM	1	49	19.36	19.45	19.49		
10	64QAM	25	0	18.45	18.57	18.44	20	2.5
10	64QAM	25	12	18.22	18.49	18.24		
10	64QAM	25	25	18.38	18.46	18.37		
10	64QAM	50	0	18.30	18.41	18.50		
10	256QAM	1	0	16.38	16.62	16.38	18	4.5
10	256QAM	1	25	16.26	16.42	16.20		
10	256QAM	1	49	16.27	16.43	16.33		
10	256QAM	25	0	16.38	16.48	16.40	18	4.5
10	256QAM	25	12	16.17	16.49	16.19		
10	256QAM	25	25	16.20	16.34	16.35		
10	256QAM	50	0	16.37	16.53	16.47		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.78	21.01	20.98	22.5	0
5	QPSK	1	12	20.79	20.97	20.78		
5	QPSK	1	24	20.75	20.97	20.85		
5	QPSK	12	0	20.31	20.57	20.37	22	0.5
5	QPSK	12	7	20.23	20.49	20.18		
5	QPSK	12	13	20.29	20.44	20.25		
5	QPSK	25	0	20.34	20.47	20.46		
5	16QAM	1	0	20.27	20.46	20.27	22	0.5
5	16QAM	1	12	20.30	20.51	20.40		
5	16QAM	1	24	20.35	20.52	20.44		
5	16QAM	12	0	19.44	19.60	19.37	21	1.5
5	16QAM	12	7	19.34	19.43	19.23		
5	16QAM	12	13	19.36	19.53	19.30		
5	16QAM	25	0	19.31	19.49	19.41		
5	64QAM	1	0	19.30	19.57	19.23	21	1.5
5	64QAM	1	12	19.25	19.50	19.35		
5	64QAM	1	24	19.31	19.44	19.53		
5	64QAM	12	0	18.39	18.56	18.46	20	2.5
5	64QAM	12	7	18.19	18.47	18.19		
5	64QAM	12	13	18.30	18.42	18.32		
5	64QAM	25	0	18.38	18.46	18.50		
5	256QAM	1	0	16.44	16.62	16.42	18	4.5
5	256QAM	1	12	16.26	16.45	16.18		
5	256QAM	1	24	16.32	16.44	16.32		
5	256QAM	12	0	16.30	16.55	16.28	18	4.5
5	256QAM	12	7	16.26	16.54	16.25		
5	256QAM	12	13	16.24	16.37	16.33		
5	256QAM	25	0	16.33	16.47	16.46		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.62	20.71	20.67	20.69	22	0
20	QPSK	1	49	20.58	20.68	20.64	20.62		
20	QPSK	1	99	20.50	20.65	20.59	20.57		
20	QPSK	50	0	19.58	19.72	19.71	19.66	21	1
20	QPSK	50	24	19.56	19.68	19.60	19.65		
20	QPSK	50	50	19.55	19.60	19.62	19.59		
20	QPSK	100	0	19.65	19.70	19.73	19.73		
20	16QAM	1	0	19.65	19.66	19.63	19.71	21	1
20	16QAM	1	49	19.58	19.65	19.61	19.63		
20	16QAM	1	99	19.47	19.68	19.57	19.62		
20	16QAM	50	0	18.63	18.68	18.73	18.60	20	2
20	16QAM	50	24	18.52	18.72	18.66	18.68		
20	16QAM	50	50	18.58	18.55	18.64	18.57		
20	16QAM	100	0	18.59	18.69	18.72	18.68		
20	64QAM	1	0	18.59	18.63	18.58	18.71	20	2
20	64QAM	1	49	18.55	18.62	18.57	18.68		
20	64QAM	1	99	18.42	18.71	18.55	18.66		
20	64QAM	50	0	17.58	17.78	17.67	17.64	19	3
20	64QAM	50	24	17.51	17.70	17.63	17.61		
20	64QAM	50	50	17.60	17.60	17.63	17.62		
20	64QAM	100	0	17.67	17.71	17.75	17.75		
20	256QAM	1	0	15.56	15.75	15.72	15.61	17	5
20	256QAM	1	49	15.53	15.63	15.66	15.61		
20	256QAM	1	99	15.59	15.60	15.62	15.55		
20	256QAM	50	0	15.63	15.76	15.72	15.68	17	5
20	256QAM	50	24	15.69	15.69	15.66	15.76		
20	256QAM	50	50	15.64	15.68	15.61	15.62		
20	256QAM	100	0	15.50	15.66	15.59	15.58		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.56	20.64	20.57	20.61	22	0
15	QPSK	1	37	20.53	20.65	20.52	20.51		
15	QPSK	1	74	20.43	20.59	20.55	20.48		
15	QPSK	36	0	19.46	19.67	19.57	19.58	21	1
15	QPSK	36	20	19.54	19.55	19.58	19.51		
15	QPSK	36	39	19.46	19.51	19.56	19.55		
15	QPSK	75	0	19.51	19.58	19.64	19.60		
15	16QAM	1	0	19.58	19.60	19.54	19.60	21	1
15	16QAM	1	37	19.45	19.63	19.48	19.55		
15	16QAM	1	74	19.44	19.60	19.48	19.49		
15	16QAM	36	0	18.56	18.66	18.70	18.55	20	2
15	16QAM	36	20	18.47	18.61	18.63	18.64		
15	16QAM	36	39	18.47	18.50	18.52	18.46		
15	16QAM	75	0	18.48	18.64	18.67	18.56		
15	64QAM	1	0	18.46	18.51	18.53	18.68	20	2
15	64QAM	1	37	18.43	18.60	18.43	18.61		
15	64QAM	1	74	18.30	18.60	18.48	18.55		
15	64QAM	36	0	17.56	17.70	17.58	17.57	19	3
15	64QAM	36	20	17.41	17.58	17.51	17.51		
15	64QAM	36	39	17.48	17.52	17.52	17.53		
15	64QAM	75	0	17.64	17.67	17.62	17.61		
15	256QAM	1	0	15.48	15.70	15.69	15.52	17	5
15	256QAM	1	37	15.39	15.59	15.60	15.52		
15	256QAM	1	74	15.57	15.55	15.50	15.47		
15	256QAM	36	0	15.59	15.70	15.60	15.64	17	5
15	256QAM	36	20	15.61	15.62	15.62	15.66		
15	256QAM	36	39	15.56	15.60	15.51	15.52		
15	256QAM	75	0	15.42	15.60	15.51	15.53		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.56	20.66	20.60	20.57	22	0
10	QPSK	1	25	20.46	20.54	20.61	20.55		
10	QPSK	1	49	20.47	20.53	20.52	20.53		
10	QPSK	25	0	19.46	19.67	19.66	19.56	21	1
10	QPSK	25	12	19.43	19.61	19.53	19.62		
10	QPSK	25	25	19.44	19.54	19.56	19.45		
10	QPSK	50	0	19.61	19.61	19.68	19.63		
10	16QAM	1	0	19.51	19.57	19.56	19.67	21	1
10	16QAM	1	25	19.45	19.59	19.56	19.50		
10	16QAM	1	49	19.40	19.62	19.47	19.56		
10	16QAM	25	0	18.53	18.62	18.64	18.51	20	2
10	16QAM	25	12	18.41	18.67	18.62	18.55		
10	16QAM	25	25	18.54	18.49	18.57	18.50		
10	16QAM	50	0	18.57	18.61	18.60	18.55		
10	64QAM	1	0	18.49	18.55	18.48	18.67	20	2
10	64QAM	1	25	18.50	18.52	18.45	18.57		
10	64QAM	1	49	18.32	18.58	18.51	18.63		
10	64QAM	25	0	17.45	17.65	17.54	17.59	19	3
10	64QAM	25	12	17.39	17.60	17.59	17.50		
10	64QAM	25	25	17.49	17.48	17.50	17.58		
10	64QAM	50	0	17.65	17.61	17.64	17.67		
10	256QAM	1	0	15.48	15.67	15.65	15.47	17	5
10	256QAM	1	25	15.47	15.52	15.54	15.49		
10	256QAM	1	49	15.47	15.51	15.53	15.41		
10	256QAM	25	0	15.53	15.70	15.64	15.64	17	5
10	256QAM	25	12	15.64	15.67	15.57	15.68		
10	256QAM	25	25	15.59	15.57	15.54	15.52		
10	256QAM	50	0	15.45	15.60	15.56	15.50		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.59	20.62	20.53	20.63	22	0
5	QPSK	1	12	20.51	20.54	20.54	20.53		
5	QPSK	1	24	20.40	20.61	20.51	20.52		
5	QPSK	12	0	19.56	19.68	19.63	19.53	21	1
5	QPSK	12	7	19.42	19.59	19.51	19.58		
5	QPSK	12	13	19.50	19.50	19.54	19.51		
5	QPSK	25	0	19.53	19.63	19.70			
5	16QAM	1	0	19.58	19.62	19.58	19.61	21	1
5	16QAM	1	12	19.51	19.56	19.53	19.55		
5	16QAM	1	24	19.41	19.63	19.52	19.49		
5	16QAM	12	0	18.50	18.54	18.61	18.56	20	2
5	16QAM	12	7	18.38	18.58	18.57	18.63		
5	16QAM	12	13	18.55	18.44	18.56	18.48		
5	16QAM	25	0	18.47	18.62	18.66	18.61		
5	64QAM	1	0	18.47	18.52	18.47	18.66	20	2
5	64QAM	1	12	18.45	18.53	18.53	18.60		
5	64QAM	1	24	18.38	18.62	18.45	18.53		
5	64QAM	12	0	17.50	17.70	17.54	17.60	19	3
5	64QAM	12	7	17.45	17.57	17.51	17.56		
5	64QAM	12	13	17.58	17.53	17.53	17.55		
5	64QAM	25	0	17.62	17.63	17.65	17.68		
5	256QAM	1	0	15.46	15.71	15.63	15.54	17	5
5	256QAM	1	12	15.42	15.54	15.54	15.53		
5	256QAM	1	24	15.46	15.50	15.53	15.47		
5	256QAM	12	0	15.51	15.69	15.64	15.60	17	5
5	256QAM	12	7	15.67	15.63	15.56	15.63		
5	256QAM	12	13	15.60	15.60	15.53	15.53		
5	256QAM	25	0	15.38	15.53	15.53	15.44		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.63	19.66	19.58	20.5	0
20	QPSK	1	49	19.43	19.60	19.58		
20	QPSK	1	99	19.49	19.56	19.51		
20	QPSK	50	0	19.60	19.63	19.47	20.5	0
20	QPSK	50	24	19.36	19.51	19.55		
20	QPSK	50	50	19.37	19.53	19.44		
20	QPSK	100	0	19.60	19.56	19.52		
20	16QAM	1	0	19.51	19.63	19.49	20.5	0
20	16QAM	1	49	19.31	19.48	19.54		
20	16QAM	1	99	19.40	19.49	19.48		
20	16QAM	50	0	19.48	19.57	19.35	20.5	0
20	16QAM	50	24	19.27	19.45	19.49		
20	16QAM	50	50	19.31	19.49	19.40		
20	16QAM	100	0	19.53	19.52	19.46		
20	64QAM	1	0	19.51	19.61	19.54	20.5	0
20	64QAM	1	49	19.33	19.53	19.47		
20	64QAM	1	99	19.46	19.46	19.39		
20	64QAM	50	0	19.52	19.55	19.42	20.5	0
20	64QAM	50	24	19.29	19.38	19.43		
20	64QAM	50	50	19.25	19.51	19.38		
20	64QAM	100	0	19.47	19.47	19.42		
20	256QAM	1	0	19.57	19.63	19.52	20.5	0
20	256QAM	1	49	19.37	19.49	19.47		
20	256QAM	1	99	19.37	19.50	19.47		
20	256QAM	50	0	19.55	19.59	19.34	20.5	0
20	256QAM	50	24	19.30	19.43	19.41		
20	256QAM	50	50	19.26	19.42	19.36		
20	256QAM	100	0	19.46	19.48	19.43		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.60	19.61	19.45	20.5	0
15	QPSK	1	37	19.37	19.49	19.53		
15	QPSK	1	74	19.44	19.43	19.47		
15	QPSK	36	0	19.50	19.60	19.38	20.5	0
15	QPSK	36	20	19.31	19.43	19.43		
15	QPSK	36	39	19.28	19.45	19.35		
15	QPSK	75	0	19.55	19.51	19.46		
15	16QAM	1	0	19.46	19.52	19.41	20.5	0
15	16QAM	1	37	19.28	19.45	19.44		
15	16QAM	1	74	19.28	19.46	19.45		
15	16QAM	36	0	19.37	19.50	19.28	20.5	0
15	16QAM	36	20	19.14	19.39	19.44		
15	16QAM	36	39	19.21	19.39	19.36		
15	16QAM	75	0	19.50	19.46	19.40		
15	64QAM	1	0	19.46	19.58	19.43	20.5	0
15	64QAM	1	37	19.26	19.43	19.37		
15	64QAM	1	74	19.33	19.33	19.32		
15	64QAM	36	0	19.50	19.48	19.30	20.5	0
15	64QAM	36	20	19.16	19.26	19.40		
15	64QAM	36	39	19.19	19.37	19.31		
15	64QAM	75	0	19.42	19.35	19.35		
15	256QAM	1	0	19.54	19.53	19.41	20.5	0
15	256QAM	1	37	19.35	19.46	19.43		
15	256QAM	1	74	19.32	19.46	19.43		
15	256QAM	36	0	19.44	19.49	19.25	20.5	0
15	256QAM	36	20	19.20	19.40	19.33		
15	256QAM	36	39	19.23	19.37	19.26		
15	256QAM	75	0	19.43	19.34	19.38		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.54	19.56	19.45	20.5	0
10	QPSK	1	25	19.38	19.53	19.53		
10	QPSK	1	49	19.42	19.52	19.40		
10	QPSK	25	0	19.51	19.57	19.34	20.5	0
10	QPSK	25	12	19.27	19.47	19.48		
10	QPSK	25	25	19.32	19.50	19.34		
10	QPSK	50	0	19.53	19.49	19.47		
10	16QAM	1	0	19.43	19.59	19.43	20.5	0
10	16QAM	1	25	19.20	19.45	19.44		
10	16QAM	1	49	19.27	19.39	19.35		
10	16QAM	25	0	19.39	19.53	19.26	20.5	0
10	16QAM	25	12	19.23	19.36	19.47		
10	16QAM	25	25	19.20	19.38	19.28		
10	16QAM	50	0	19.43	19.39	19.34		
10	64QAM	1	0	19.38	19.59	19.49	20.5	0
10	64QAM	1	25	19.26	19.41	19.37		
10	64QAM	1	49	19.36	19.33	19.33		
10	64QAM	25	0	19.41	19.43	19.37	20.5	0
10	64QAM	25	12	19.26	19.26	19.30		
10	64QAM	25	25	19.16	19.40	19.26		
10	64QAM	50	0	19.40	19.33	19.29		
10	256QAM	1	0	19.54	19.55	19.47	20.5	0
10	256QAM	1	25	19.33	19.42	19.43		
10	256QAM	1	49	19.25	19.47	19.39		
10	256QAM	25	0	19.42	19.47	19.31	20.5	0
10	256QAM	25	12	19.19	19.37	19.38		
10	256QAM	25	25	19.20	19.31	19.24		
10	256QAM	50	0	19.42	19.44	19.38		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.52	19.62	19.55	20.5	0
5	QPSK	1	12	19.35	19.53	19.47		
5	QPSK	1	24	19.43	19.48	19.46		
5	QPSK	12	0	19.49	19.54	19.35	20.5	0
5	QPSK	12	7	19.24	19.46	19.46		
5	QPSK	12	13	19.33	19.46	19.32		
5	QPSK	25	0	19.50	19.50	19.49		
5	16QAM	1	0	19.48	19.60	19.39	20.5	0
5	16QAM	1	12	19.26	19.44	19.42		
5	16QAM	1	24	19.35	19.44	19.38		
5	16QAM	12	0	19.38	19.43	19.32	20.5	0
5	16QAM	12	7	19.18	19.33	19.36		
5	16QAM	12	13	19.28	19.40	19.30		
5	16QAM	25	0	19.44	19.45	19.35		
5	64QAM	1	0	19.38	19.56	19.51	20.5	0
5	64QAM	1	12	19.26	19.42	19.37		
5	64QAM	1	24	19.35	19.40	19.34		
5	64QAM	12	0	19.43	19.43	19.35	20.5	0
5	64QAM	12	7	19.22	19.27	19.36		
5	64QAM	12	13	19.22	19.37	19.35		
5	64QAM	25	0	19.40	19.44	19.30		
5	256QAM	1	0	19.46	19.59	19.47	20.5	0
5	256QAM	1	12	19.27	19.37	19.37		
5	256QAM	1	24	19.35	19.47	19.38		
5	256QAM	12	0	19.52	19.53	19.30	20.5	0
5	256QAM	12	7	19.24	19.40	19.31		
5	256QAM	12	13	19.17	19.36	19.27		
5	256QAM	25	0	19.39	19.36	19.37		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.48	18.59	18.46	18.49	19.5	0
20	QPSK	1	49	18.40	18.53	18.41	18.40		
20	QPSK	1	99	18.40	18.50	18.45	18.41		
20	QPSK	50	0	18.34	18.56	18.44	18.46	19.5	0
20	QPSK	50	24	18.30	18.48	18.30	18.35		
20	QPSK	50	50	18.34	18.37	18.39	18.31		
20	QPSK	100	0	18.34	18.55	18.43	18.41		
20	16QAM	1	0	18.38	18.46	18.44	18.44	19.5	0
20	16QAM	1	49	18.36	18.42	18.28	18.30		
20	16QAM	1	99	18.37	18.39	18.40	18.36		
20	16QAM	50	0	18.36	18.47	18.34	18.42	19.5	0
20	16QAM	50	24	18.34	18.48	18.33	18.31		
20	16QAM	50	50	18.29	18.44	18.33	18.28		
20	16QAM	100	0	18.27	18.43	18.40	18.34		
20	64QAM	1	0	18.23	18.35	18.22	18.23	19.5	0
20	64QAM	1	49	18.21	18.29	18.26	18.27		
20	64QAM	1	99	18.24	18.48	18.33	18.38		
20	64QAM	50	0	18.37	18.50	18.36	18.39	19.5	0
20	64QAM	50	24	18.27	18.49	18.31	18.27		
20	64QAM	50	50	18.27	18.39	18.33	18.31		
20	64QAM	100	0	18.25	18.49	18.32	18.36		
20	256QAM	1	0	18.40	18.54	18.35	18.37	19.5	0
20	256QAM	1	49	18.28	18.48	18.28	18.30		
20	256QAM	1	99	18.29	18.45	18.37	18.33		
20	256QAM	50	0	18.27	18.49	18.35	18.42	19.5	0
20	256QAM	50	24	18.20	18.36	18.17	18.22		
20	256QAM	50	50	18.23	18.35	18.35	18.22		
20	256QAM	100	0	18.25	18.46	18.39	18.34		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.42	18.54	18.32	18.45	19.5	0
15	QPSK	1	37	18.37	18.44	18.32	18.26		
15	QPSK	1	74	18.27	18.40	18.35	18.34		
15	QPSK	36	0	18.28	18.43	18.30	18.37	19.5	0
15	QPSK	36	20	18.19	18.35	18.25	18.28		
15	QPSK	36	39	18.26	18.29	18.30	18.23		
15	QPSK	75	0	18.23	18.52	18.37	18.28		
15	16QAM	1	0	18.33	18.44	18.39	18.33	19.5	0
15	16QAM	1	37	18.33	18.35	18.19	18.20		
15	16QAM	1	74	18.29	18.33	18.32	18.27		
15	16QAM	36	0	18.28	18.34	18.29	18.34	19.5	0
15	16QAM	36	20	18.31	18.38	18.22	18.26		
15	16QAM	36	39	18.26	18.41	18.23	18.24		
15	16QAM	75	0	18.14	18.37	18.36	18.21		
15	64QAM	1	0	18.12	18.27	18.18	18.15	19.5	0
15	64QAM	1	37	18.07	18.26	18.15	18.22		
15	64QAM	1	74	18.19	18.34	18.27	18.33		
15	64QAM	36	0	18.28	18.41	18.27	18.26	19.5	0
15	64QAM	36	20	18.23	18.43	18.23	18.14		
15	64QAM	36	39	18.21	18.36	18.28	18.28		
15	64QAM	75	0	18.14	18.41	18.19	18.32		
15	256QAM	1	0	18.34	18.47	18.27	18.27	19.5	0
15	256QAM	1	37	18.15	18.38	18.20	18.25		
15	256QAM	1	74	18.24	18.32	18.27	18.22		
15	256QAM	36	0	18.17	18.39	18.28	18.28	19.5	0
15	256QAM	36	20	18.13	18.28	18.07	18.09		
15	256QAM	36	39	18.12	18.24	18.32	18.11		
15	256QAM	75	0	18.11	18.33	18.33	18.27		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.42	18.55	18.40	18.37	19.5	0
10	QPSK	1	25	18.34	18.48	18.30	18.35		
10	QPSK	1	49	18.36	18.39	18.31	18.37		
10	QPSK	25	0	18.30	18.51	18.36	18.34	19.5	0
10	QPSK	25	12	18.28	18.45	18.20	18.28		
10	QPSK	25	25	18.24	18.25	18.32	18.26		
10	QPSK	50	0	18.30	18.52	18.35	18.27		
10	16QAM	1	0	18.27	18.37	18.33	18.40	19.5	0
10	16QAM	1	25	18.25	18.34	18.18	18.21		
10	16QAM	1	49	18.26	18.28	18.31	18.24		
10	16QAM	25	0	18.31	18.40	18.22	18.35	19.5	0
10	16QAM	25	12	18.30	18.42	18.22	18.20		
10	16QAM	25	25	18.19	18.40	18.27	18.16		
10	16QAM	50	0	18.14	18.35	18.36	18.27		
10	64QAM	1	0	18.12	18.31	18.10	18.19	19.5	0
10	64QAM	1	25	18.08	18.26	18.14	18.24		
10	64QAM	1	49	18.20	18.40	18.27	18.30		
10	64QAM	25	0	18.29	18.36	18.30	18.30	19.5	0
10	64QAM	25	12	18.25	18.44	18.17	18.19		
10	64QAM	25	25	18.23	18.34	18.25	18.24		
10	64QAM	50	0	18.14	18.45	18.27	18.24		
10	256QAM	1	0	18.33	18.49	18.25	18.34	19.5	0
10	256QAM	1	25	18.20	18.39	18.14	18.20		
10	256QAM	1	49	18.25	18.33	18.33	18.24		
10	256QAM	25	0	18.20	18.37	18.22	18.40	19.5	0
10	256QAM	25	12	18.09	18.34	18.13	18.16		
10	256QAM	25	25	18.21	18.29	18.28	18.19		
10	256QAM	50	0	18.23	18.34	18.26	18.32		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.38	18.55	18.42	18.47	19.5	0
5	QPSK	1	12	18.32	18.49	18.33	18.38		
5	QPSK	1	24	18.36	18.44	18.35	18.32		
5	QPSK	12	0	18.31	18.47	18.36	18.33	19.5	0
5	QPSK	12	7	18.27	18.40	18.27	18.25		
5	QPSK	12	13	18.21	18.32	18.34	18.23		
5	QPSK	25	0	18.28	18.49	18.36	18.38		
5	16QAM	1	0	18.24	18.44	18.33	18.36	19.5	0
5	16QAM	1	12	18.26	18.30	18.19	18.24		
5	16QAM	1	24	18.34	18.36	18.28	18.32		
5	16QAM	12	0	18.23	18.43	18.27	18.33	19.5	0
5	16QAM	12	7	18.22	18.44	18.28	18.28		
5	16QAM	12	13	18.27	18.40	18.31	18.25		
5	16QAM	25	0	18.17	18.33	18.34	18.29		
5	64QAM	1	0	18.14	18.33	18.19	18.19	19.5	0
5	64QAM	1	12	18.16	18.24	18.23	18.14		
5	64QAM	1	24	18.10	18.43	18.28	18.35		
5	64QAM	12	0	18.24	18.40	18.30	18.29	19.5	0
5	64QAM	12	7	18.20	18.44	18.29	18.21		
5	64QAM	12	13	18.22	18.33	18.21	18.27		
5	64QAM	25	0	18.20	18.42	18.25	18.27		
5	256QAM	1	0	18.36	18.47	18.25	18.25	19.5	0
5	256QAM	1	12	18.26	18.41	18.24	18.18		
5	256QAM	1	24	18.25	18.31	18.27	18.21		
5	256QAM	12	0	18.17	18.41	18.27	18.39	19.5	0
5	256QAM	12	7	18.16	18.25	18.10	18.09		
5	256QAM	12	13	18.14	18.33	18.24	18.14		
5	256QAM	25	0	18.12	18.42	18.29	18.28		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.08	20.16	20.13	21.5	0
20	QPSK	1	49	19.85	20.10	20.07		
20	QPSK	1	99	20.05	20.06	20.08		
20	QPSK	50	0	20.01	20.10	20.04	21.5	0
20	QPSK	50	24	19.83	19.97	20.02		
20	QPSK	50	50	20.00	20.01	19.95		
20	QPSK	100	0	20.05	20.09	20.07		
20	16QAM	1	0	20.01	20.07	20.06	21.5	0
20	16QAM	1	49	19.78	20.06	19.94		
20	16QAM	1	99	19.93	19.96	19.98		
20	16QAM	50	0	20.04	20.07	20.04	21.5	0
20	16QAM	50	24	19.80	20.04	19.98		
20	16QAM	50	50	20.02	19.95	20.06		
20	16QAM	100	0	19.89	19.97	20.01		
20	64QAM	1	0	19.70	19.95	19.88	21.5	0
20	64QAM	1	49	19.92	19.90	19.82		
20	64QAM	1	99	19.93	19.96	20.03		
20	64QAM	50	0	19.98	20.10	20.04	21.5	0
20	64QAM	50	24	19.76	20.04	20.01		
20	64QAM	50	50	19.97	19.98	20.03		
20	64QAM	100	0	19.89	20.06	19.92		
20	256QAM	1	0	19.03	19.13	19.15	20.5	1
20	256QAM	1	49	18.88	19.12	19.11		
20	256QAM	1	99	19.03	19.11	19.03		
20	256QAM	50	0	18.96	19.08	19.01	20.5	1
20	256QAM	50	24	18.83	18.96	19.06		
20	256QAM	50	50	18.95	18.97	18.94		
20	256QAM	100	0	19.05	19.07	19.06		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.03	20.14	20.03	21.5	0
15	QPSK	1	37	19.76	20.03	19.96		
15	QPSK	1	74	19.97	19.92	20.06		
15	QPSK	36	0	19.93	20.07	19.98	21.5	0
15	QPSK	36	20	19.79	19.93	19.96		
15	QPSK	36	39	19.88	19.98	19.89		
15	QPSK	75	0	19.99	20.06	20.00		
15	16QAM	1	0	19.95	20.04	20.02	21.5	0
15	16QAM	1	37	19.74	19.98	19.81		
15	16QAM	1	74	19.88	19.86	19.91		
15	16QAM	36	0	19.91	20.01	20.01	21.5	0
15	16QAM	36	20	19.74	19.97	19.96		
15	16QAM	36	39	19.97	19.84	19.94		
15	16QAM	75	0	19.83	19.90	19.95		
15	64QAM	1	0	19.60	19.89	19.79	21.5	0
15	64QAM	1	37	19.84	19.79	19.76		
15	64QAM	1	74	19.82	19.88	19.99		
15	64QAM	36	0	19.95	20.01	19.95	21.5	0
15	64QAM	36	20	19.67	19.99	19.97		
15	64QAM	36	39	19.90	19.87	19.92		
15	64QAM	75	0	19.79	19.94	19.88		
15	256QAM	1	0	18.94	19.11	19.04	20.5	1
15	256QAM	1	37	18.76	18.99	19.02		
15	256QAM	1	74	18.97	19.02	19.00		
15	256QAM	36	0	18.86	18.95	18.90	20.5	1
15	256QAM	36	20	18.74	18.88	18.92		
15	256QAM	36	39	18.92	18.88	18.91		
15	256QAM	75	0	18.92	19.01	19.00		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.04	20.08	20.00	21.5	0
10	QPSK	1	25	19.81	20.06	20.05		
10	QPSK	1	49	19.96	20.03	19.99		
10	QPSK	25	0	19.94	19.98	19.97	21.5	0
10	QPSK	25	12	19.79	19.87	19.89		
10	QPSK	25	25	19.92	19.88	19.83		
10	QPSK	50	0	19.94	20.04	20.00		
10	16QAM	1	0	19.89	20.00	19.95	21.5	0
10	16QAM	1	25	19.73	19.93	19.91		
10	16QAM	1	49	19.89	19.84	19.89		
10	16QAM	25	0	19.91	19.95	19.99	21.5	0
10	16QAM	25	12	19.68	19.94	19.89		
10	16QAM	25	25	19.97	19.91	19.99		
10	16QAM	50	0	19.83	19.89	19.92		
10	64QAM	1	0	19.59	19.93	19.83	21.5	0
10	64QAM	1	25	19.85	19.87	19.73		
10	64QAM	1	49	19.85	19.93	19.90		
10	64QAM	25	0	19.91	20.00	19.95	21.5	0
10	64QAM	25	12	19.67	20.00	19.89		
10	64QAM	25	25	19.89	19.89	19.92		
10	64QAM	50	0	19.83	20.00	19.85		
10	256QAM	1	0	18.93	19.06	19.08	20.5	1
10	256QAM	1	25	18.77	19.03	19.00		
10	256QAM	1	49	18.94	19.07	18.90		
10	256QAM	25	0	18.86	19.01	18.98	20.5	1
10	256QAM	25	12	18.74	18.94	18.99		
10	256QAM	25	25	18.90	18.94	18.91		
10	256QAM	50	0	18.98	19.05	18.96		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.03	20.05	20.08	21.5	0
5	QPSK	1	12	19.76	19.96	20.02		
5	QPSK	1	24	19.97	19.94	19.94		
5	QPSK	12	0	19.87	19.98	19.94	21.5	0
5	QPSK	12	7	19.70	19.83	19.99		
5	QPSK	12	13	19.92	19.96	19.87		
5	QPSK	25	0	19.97	19.96	19.99		
5	16QAM	1	0	19.93	19.93	20.02	21.5	0
5	16QAM	1	12	19.72	19.97	19.92		
5	16QAM	1	24	19.90	19.84	19.89		
5	16QAM	12	0	19.91	19.96	19.94	21.5	0
5	16QAM	12	7	19.69	19.90	19.84		
5	16QAM	12	13	19.91	19.86	19.94		
5	16QAM	25	0	19.77	19.87	19.98		
5	64QAM	1	0	19.56	19.82	19.85	21.5	0
5	64QAM	1	12	19.86	19.86	19.69		
5	64QAM	1	24	19.90	19.93	19.93		
5	64QAM	12	0	19.93	19.98	19.99	21.5	0
5	64QAM	12	7	19.62	20.00	19.93		
5	64QAM	12	13	19.87	19.95	20.00		
5	64QAM	25	0	19.85	19.96	19.88		
5	256QAM	1	0	19.00	19.08	19.09	20.5	1
5	256QAM	1	12	18.84	19.04	19.09		
5	256QAM	1	24	18.99	19.07	18.93		
5	256QAM	12	0	18.83	18.97	18.92	20.5	1
5	256QAM	12	7	18.75	18.86	19.03		
5	256QAM	12	13	18.89	18.94	18.85		
5	256QAM	25	0	18.95	19.05	18.96		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.87	19.90	19.83	19.82	21.5	0
20	QPSK	1	49	19.73	19.86	19.84	19.79		
20	QPSK	1	99	19.85	19.81	19.76	19.70		
20	QPSK	50	0	19.83	19.87	19.70	19.68	21.5	0
20	QPSK	50	24	19.67	19.76	19.73	19.70		
20	QPSK	50	50	19.71	19.78	19.63	19.58		
20	QPSK	100	0	19.83	19.84	19.71	19.73		
20	16QAM	1	0	19.83	19.84	19.74	19.78	21.5	0
20	16QAM	1	49	19.68	19.74	19.81	19.74		
20	16QAM	1	99	19.80	19.72	19.72	19.65		
20	16QAM	50	0	19.83	19.84	19.80	19.72	21.5	0
20	16QAM	50	24	19.70	19.81	19.75	19.70		
20	16QAM	50	50	19.80	19.72	19.67	19.62		
20	16QAM	100	0	19.76	19.82	19.67	19.61		
20	64QAM	1	0	19.58	19.65	19.67	19.65	21.5	0
20	64QAM	1	49	19.68	19.70	19.54	19.54		
20	64QAM	1	99	19.73	19.73	19.57	19.60		
20	64QAM	50	0	19.80	19.80	19.72	19.73	21.5	0
20	64QAM	50	24	19.66	19.81	19.74	19.67		
20	64QAM	50	50	19.77	19.70	19.66	19.57		
20	64QAM	100	0	19.78	19.84	19.60	19.56		
20	256QAM	1	0	18.38	18.45	18.29	18.36	20	1.5
20	256QAM	1	49	18.26	18.37	18.36	18.30		
20	256QAM	1	99	18.33	18.27	18.29	18.14		
20	256QAM	50	0	18.32	18.32	18.23	18.23	20	1.5
20	256QAM	50	24	18.18	18.24	18.19	18.21		
20	256QAM	50	50	18.21	18.23	18.16	18.12		
20	256QAM	100	0	18.31	18.38	18.25	18.28		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.77	19.83	19.81	19.80	21.5	0
15	QPSK	1	37	19.70	19.77	19.71	19.73		
15	QPSK	1	74	19.76	19.73	19.67	19.56		
15	QPSK	36	0	19.73	19.76	19.67	19.64	21.5	0
15	QPSK	36	20	19.55	19.71	19.64	19.68		
15	QPSK	36	39	19.59	19.68	19.60	19.51		
15	QPSK	75	0	19.72	19.76	19.63	19.67		
15	16QAM	1	0	19.73	19.75	19.66	19.74	21.5	0
15	16QAM	1	37	19.59	19.62	19.72	19.63		
15	16QAM	1	74	19.67	19.65	19.58	19.59		
15	16QAM	36	0	19.74	19.77	19.66	19.68	21.5	0
15	16QAM	36	20	19.64	19.69	19.67	19.59		
15	16QAM	36	39	19.70	19.64	19.64	19.59		
15	16QAM	75	0	19.69	19.80	19.62	19.58		
15	64QAM	1	0	19.51	19.57	19.54	19.61	21.5	0
15	64QAM	1	37	19.61	19.61	19.60	19.52		
15	64QAM	1	74	19.65	19.62	19.66	19.57		
15	64QAM	36	0	19.70	19.69	19.68	19.61	21.5	0
15	64QAM	36	20	19.57	19.69	19.61	19.60		
15	64QAM	36	39	19.70	19.63	19.59	19.58		
15	64QAM	75	0	19.67	19.79	19.53	19.69		
15	256QAM	1	0	18.32	18.31	18.22	18.33	20	1.5
15	256QAM	1	37	18.20	18.33	18.23	18.22		
15	256QAM	1	74	18.27	18.19	18.15	18.07		
15	256QAM	36	0	18.20	18.22	18.20	18.09	20	1.5
15	256QAM	36	20	18.14	18.11	18.07	18.09		
15	256QAM	36	39	18.08	18.13	18.13	18.18		
15	256QAM	75	0	18.26	18.28	18.17	18.14		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.80	19.84	19.70	19.73	21.5	0
10	QPSK	1	25	19.64	19.74	19.77	19.74		
10	QPSK	1	49	19.72	19.71	19.73	19.62		
10	QPSK	25	0	19.73	19.83	19.67	19.57	21.5	0
10	QPSK	25	12	19.55	19.66	19.65	19.59		
10	QPSK	25	25	19.57	19.69	19.59	19.57		
10	QPSK	50	0	19.81	19.82	19.61	19.60		
10	16QAM	1	0	19.75	19.80	19.60	19.65	21.5	0
10	16QAM	1	25	19.59	19.60	19.78	19.60		
10	16QAM	1	49	19.67	19.70	19.59	19.60		
10	16QAM	25	0	19.75	19.77	19.75	19.68	21.5	0
10	16QAM	25	12	19.57	19.70	19.63	19.60		
10	16QAM	25	25	19.75	19.60	19.61	19.68		
10	16QAM	50	0	19.65	19.69	19.56	19.55		
10	64QAM	1	0	19.54	19.58	19.60	19.59	21.5	0
10	64QAM	1	25	19.62	19.64	19.58	19.52		
10	64QAM	1	49	19.71	19.65	19.66	19.56		
10	64QAM	25	0	19.76	19.68	19.60	19.66	21.5	0
10	64QAM	25	12	19.67	19.68	19.64	19.59		
10	64QAM	25	25	19.74	19.64	19.63	19.55		
10	64QAM	50	0	19.75	19.75	19.58	19.57		
10	256QAM	1	0	18.36	18.37	18.21	18.24	20	1.5
10	256QAM	1	25	18.12	18.28	18.33	18.26		
10	256QAM	1	49	18.25	18.17	18.15	18.06		
10	256QAM	25	0	18.30	18.20	18.19	18.21	20	1.5
10	256QAM	25	12	18.06	18.15	18.13	18.17		
10	256QAM	25	25	18.12	18.18	18.11	18.02		
10	256QAM	50	0	18.28	18.24	18.17	18.19		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.82	19.82	19.79	19.79	21.5	0
5	QPSK	1	12	19.62	19.80	19.73	19.65		
5	QPSK	1	24	19.77	19.74	19.73	19.63		
5	QPSK	12	0	19.70	19.79	19.63	19.63	21.5	0
5	QPSK	12	7	19.62	19.66	19.62	19.67		
5	QPSK	12	13	19.58	19.64	19.51	19.61		
5	QPSK	25	0	19.71	19.72	19.61	19.62		
5	16QAM	1	0	19.75	19.78	19.61	19.75	21.5	0
5	16QAM	1	12	19.59	19.69	19.77	19.60		
5	16QAM	1	24	19.75	19.69	19.65	19.52		
5	16QAM	12	0	19.71	19.71	19.69	19.68	21.5	0
5	16QAM	12	7	19.68	19.77	19.63	19.60		
5	16QAM	12	13	19.77	19.65	19.64	19.58		
5	16QAM	25	0	19.71	19.79	19.57	19.56		
5	64QAM	1	0	19.70	19.52	19.57	19.55	21.5	0
5	64QAM	1	12	19.56	19.62	19.56	19.61		
5	64QAM	1	24	19.71	19.67	19.58	19.54		
5	64QAM	12	0	19.70	19.66	19.66	19.61	21.5	0
5	64QAM	12	7	19.54	19.71	19.61	19.58		
5	64QAM	12	13	19.66	19.68	19.59	19.68		
5	64QAM	25	0	19.72	19.70	19.51	19.72		
5	256QAM	1	0	18.27	18.35	18.21	18.28	20	1.5
5	256QAM	1	12	18.18	18.33	18.24	18.25		
5	256QAM	1	24	18.22	18.13	18.16	18.10		
5	256QAM	12	0	18.29	18.26	18.17	18.10	20	1.5
5	256QAM	12	7	18.12	18.16	18.06	18.08		
5	256QAM	12	13	18.19	18.12	18.04	18.07		
5	256QAM	25	0	18.24	18.27	18.20	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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.52	18.55	18.45		
20	QPSK	1	49	18.47	18.50	18.37	20	0
20	QPSK	1	99	18.39	18.52	18.36		
20	QPSK	50	0	18.42	18.50	18.36		
20	QPSK	50	24	18.35	18.36	18.28	20	0
20	QPSK	50	50	18.35	18.46	18.23		
20	QPSK	100	0	18.46	18.46	18.31		
20	16QAM	1	0	18.44	18.43	18.35		
20	16QAM	1	49	18.38	18.40	18.28	20	0
20	16QAM	1	99	18.26	18.39	18.33		
20	16QAM	50	0	18.40	18.44	18.41		
20	16QAM	50	24	18.44	18.41	18.27	20	0
20	16QAM	50	50	18.33	18.45	18.27		
20	16QAM	100	0	18.32	18.44	18.29		
20	64QAM	1	0	18.25	18.29	18.23		
20	64QAM	1	49	18.32	18.35	18.16	20	0
20	64QAM	1	99	18.35	18.43	18.26		
20	64QAM	50	0	18.47	18.51	18.38		
20	64QAM	50	24	18.44	18.46	18.30	20	0
20	64QAM	50	50	18.34	18.46	18.24		
20	64QAM	100	0	18.28	18.43	18.32		
20	256QAM	1	0	18.38	18.43	18.36		
20	256QAM	1	49	18.40	18.46	18.29	20	0
20	256QAM	1	99	18.32	18.45	18.29		
20	256QAM	50	0	18.37	18.41	18.30		
20	256QAM	50	24	18.22	18.27	18.18	20	0
20	256QAM	50	50	18.24	18.32	18.12		
20	256QAM	100	0	18.34	18.43	18.21		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.42	18.48	18.39		
15	QPSK	1	37	18.40	18.46	18.32	20	0
15	QPSK	1	74	18.27	18.46	18.28		
15	QPSK	36	0	18.29	18.44	18.34		
15	QPSK	36	20	18.22	18.27	18.24	20	0
15	QPSK	36	39	18.31	18.36	18.19		
15	QPSK	75	0	18.40	18.38	18.27		
15	16QAM	1	0	18.40	18.30	18.30		
15	16QAM	1	37	18.25	18.38	18.25	20	0
15	16QAM	1	74	18.15	18.32	18.19		
15	16QAM	36	0	18.28	18.34	18.33		
15	16QAM	36	20	18.33	18.29	18.18	20	0
15	16QAM	36	39	18.29	18.39	18.13		
15	16QAM	75	0	18.26	18.38	18.19		
15	64QAM	1	0	18.14	18.22	18.19		
15	64QAM	1	37	18.25	18.26	18.07	20	0
15	64QAM	1	74	18.28	18.34	18.13		
15	64QAM	36	0	18.39	18.45	18.30		
15	64QAM	36	20	18.32	18.36	18.20	20	0
15	64QAM	36	39	18.28	18.38	18.18		
15	64QAM	75	0	18.17	18.33	18.25		
15	256QAM	1	0	18.25	18.35	18.26		
15	256QAM	1	37	18.32	18.33	18.21	20	0
15	256QAM	1	74	18.22	18.37	18.17		
15	256QAM	36	0	18.31	18.29	18.25		
15	256QAM	36	20	18.18	18.21	18.13	20	0
15	256QAM	36	39	18.18	18.21	18.00		
15	256QAM	75	0	18.21	18.40	18.16		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.49	18.49	18.36		
10	QPSK	1	25	18.35	18.42	18.25	20	0
10	QPSK	1	49	18.30	18.41	18.23		
10	QPSK	25	0	18.32	18.47	18.30		
10	QPSK	25	12	18.28	18.30	18.17	20	0
10	QPSK	25	25	18.30	18.32	18.16		
10	QPSK	50	0	18.37	18.39	18.21		
10	16QAM	1	0	18.36	18.36	18.28		
10	16QAM	1	25	18.26	18.34	18.21	20	0
10	16QAM	1	49	18.18	18.30	18.25		
10	16QAM	25	0	18.37	18.41	18.32		
10	16QAM	25	12	18.36	18.29	18.21	20	0
10	16QAM	25	25	18.31	18.34	18.16		
10	16QAM	50	0	18.24	18.34	18.17		
10	64QAM	1	0	18.19	18.16	18.10		
10	64QAM	1	25	18.29	18.29	18.10	20	0
10	64QAM	1	49	18.22	18.35	18.22		
10	64QAM	25	0	18.41	18.43	18.25		
10	64QAM	25	12	18.30	18.39	18.25	20	0
10	64QAM	25	25	18.22	18.42	18.17		
10	64QAM	50	0	18.17	18.33	18.28		
10	256QAM	1	0	18.32	18.32	18.34		
10	256QAM	1	25	18.26	18.36	18.21	20	0
10	256QAM	1	49	18.22	18.42	18.22		
10	256QAM	25	0	18.23	18.36	18.22		
10	256QAM	25	12	18.15	18.25	18.11	20	0
10	256QAM	25	25	18.20	18.18	18.03		
10	256QAM	50	0	18.30	18.39	18.14		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.49	18.46	18.42		
5	QPSK	1	12	18.39	18.46	18.25	20	0
5	QPSK	1	24	18.31	18.46	18.29		
5	QPSK	12	0	18.30	18.39	18.25		
5	QPSK	12	7	18.29	18.31	18.22	20	0
5	QPSK	12	13	18.28	18.44	18.10		
5	QPSK	25	0	18.37	18.42	18.18		
5	16QAM	1	0	18.35	18.30	18.25		
5	16QAM	1	12	18.24	18.30	18.24	20	0
5	16QAM	1	24	18.22	18.36	18.23		
5	16QAM	12	0	18.38	18.40	18.36		
5	16QAM	12	7	18.32	18.28	18.15	20	0
5	16QAM	12	13	18.30	18.35	18.17		
5	16QAM	25	0	18.18	18.37	18.19		
5	64QAM	1	0	18.14	18.22	18.15		
5	64QAM	1	12	18.29	18.28	18.08	20	0
5	64QAM	1	24	18.26	18.37	18.23		
5	64QAM	12	0	18.41	18.49	18.36		
5	64QAM	12	7	18.31	18.37	18.24	20	0
5	64QAM	12	13	18.28	18.37	18.21		
5	64QAM	25	0	18.21	18.33	18.23		
5	256QAM	1	0	18.34	18.34	18.33		
5	256QAM	1	12	18.32	18.34	18.21	20	0
5	256QAM	1	24	18.25	18.41	18.16		
5	256QAM	12	0	18.33	18.38	18.22		
5	256QAM	12	7	18.15	18.22	18.06	20	0
5	256QAM	12	13	18.18	18.25	18.03		
5	256QAM	25	0	18.21	18.38	18.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.46	19.63	19.51	19.61		
20	QPSK	1	49	19.40	19.62	19.49	19.52	21	0
20	QPSK	1	99	19.48	19.61	19.52	19.41		
20	QPSK	50	0	19.36	19.59	19.42	19.47		
20	QPSK	50	24	19.31	19.56	19.39	19.48	21	0
20	QPSK	50	50	19.38	19.53	19.44	19.31		
20	QPSK	100	0	19.38	19.55	19.40	19.55		
20	16QAM	1	0	19.34	19.53	19.40	19.59		
20	16QAM	1	49	19.28	19.53	19.45	19.47	21	0
20	16QAM	1	99	19.36	19.57	19.48	19.35		
20	16QAM	50	0	19.43	19.53	19.43	19.55		
20	16QAM	50	24	19.27	19.56	19.46	19.46	21	0
20	16QAM	50	50	19.34	19.51	19.47	19.39		
20	16QAM	100	0	19.29	19.54	19.35	19.43		
20	64QAM	1	0	19.23	19.43	19.27	19.38		
20	64QAM	1	49	19.28	19.45	19.42	19.22	21	0
20	64QAM	1	99	19.28	19.49	19.36	19.41		
20	64QAM	50	0	19.40	19.54	19.41	19.53		
20	64QAM	50	24	19.31	19.56	19.40	19.42	21	0
20	64QAM	50	50	19.37	19.58	19.46	19.28		
20	64QAM	100	0	19.29	19.50	19.39	19.39		
20	256QAM	1	0	17.51	17.62	17.49	17.58		
20	256QAM	1	49	17.44	17.67	17.53	17.51	19	2
20	256QAM	1	99	17.53	17.57	17.56	17.47		
20	256QAM	50	0	17.31	17.55	17.38	17.48		
20	256QAM	50	24	17.35	17.61	17.44	17.54	19	2
20	256QAM	50	50	17.41	17.49	17.45	17.34		
20	256QAM	100	0	17.42	17.51	17.37	17.58		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.40	19.59	19.39	19.50		
15	QPSK	1	37	19.38	19.58	19.44	19.46	21	0
15	QPSK	1	74	19.37	19.57	19.44	19.32		
15	QPSK	36	0	19.33	19.47	19.32	19.34		
15	QPSK	36	20	19.18	19.49	19.32	19.35	21	0
15	QPSK	36	39	19.36	19.41	19.39	19.26		
15	QPSK	75	0	19.26	19.45	19.33	19.43		
15	16QAM	1	0	19.22	19.48	19.31	19.54		
15	16QAM	1	37	19.25	19.39	19.39	19.44	21	0
15	16QAM	1	74	19.28	19.50	19.43	19.32		
15	16QAM	36	0	19.30	19.49	19.35	19.46		
15	16QAM	36	20	19.25	19.49	19.35	19.41	21	0
15	16QAM	36	39	19.26	19.47	19.40	19.27		
15	16QAM	75	0	19.17	19.41	19.28	19.39		
15	64QAM	1	0	19.10	19.40	19.20	19.24		
15	64QAM	1	37	19.21	19.33	19.32	19.10	21	0
15	64QAM	1	74	19.21	19.43	19.28	19.32		
15	64QAM	36	0	19.37	19.47	19.36	19.47		
15	64QAM	36	20	19.20	19.44	19.27	19.36	21	0
15	64QAM	36	39	19.29	19.48	19.33	19.18		
15	64QAM	75	0	19.22	19.45	19.29	19.35		
15	256QAM	1	0	17.39	17.54	17.46	17.45		
15	256QAM	1	37	17.33	17.57	17.49	17.42	19	2
15	256QAM	1	74	17.43	17.44	17.46	17.37		
15	256QAM	36	0	17.20	17.53	17.28	17.42		
15	256QAM	36	20	17.29	17.53	17.40	17.43	19	2
15	256QAM	36	39	17.29	17.39	17.41	17.22		
15	256QAM	75	0	17.39	17.44	17.33	17.56		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.41	19.54	19.46	19.57		
10	QPSK	1	25	19.36	19.56	19.41	19.41	21	0
10	QPSK	1	49	19.42	19.47	19.47	19.39		
10	QPSK	25	0	19.31	19.53	19.36	19.35		
10	QPSK	25	12	19.17	19.48	19.35	19.46	21	0
10	QPSK	25	25	19.30	19.45	19.36	19.26		
10	QPSK	50	0	19.34	19.47	19.33	19.52		
10	16QAM	1	0	19.24	19.44	19.29	19.47		
10	16QAM	1	25	19.18	19.48	19.35	19.42	21	0
10	16QAM	1	49	19.23	19.46	19.35	19.22		
10	16QAM	25	0	19.37	19.49	19.38	19.48		
10	16QAM	25	12	19.17	19.51	19.40	19.38	21	0
10	16QAM	25	25	19.22	19.39	19.36	19.28		
10	16QAM	50	0	19.16	19.49	19.22	19.31		
10	64QAM	1	0	19.17	19.33	19.20	19.33		
10	64QAM	1	25	19.16	19.34	19.37	19.09	21	0
10	64QAM	1	49	19.17	19.43	19.25	19.38		
10	64QAM	25	0	19.31	19.45	19.35	19.43		
10	64QAM	25	12	19.23	19.52	19.29	19.36	21	0
10	64QAM	25	25	19.34	19.52	19.41	19.25		
10	64QAM	50	0	19.18	19.43	19.25	19.35		
10	256QAM	1	0	17.43	17.49	17.40	17.45		
10	256QAM	1	25	17.34	17.64	17.49	17.46	19	2
10	256QAM	1	49	17.50	17.54	17.45	17.43		
10	256QAM	25	0	17.22	17.46	17.25	17.44		
10	256QAM	25	12	17.27	17.55	17.41	17.42	19	2
10	256QAM	25	25	17.34	17.45	17.33	17.27		
10	256QAM	50	0	17.30	17.43	17.29	17.49		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.33	19.50	19.44	19.49		
5	QPSK	1	12	19.37	19.58	19.40	19.48	21	0
5	QPSK	1	24	19.42	19.52	19.47	19.29		
5	QPSK	12	0	19.24	19.52	19.31	19.37		
5	QPSK	12	7	19.26	19.46	19.33	19.38	21	0
5	QPSK	12	13	19.25	19.48	19.31	19.22		
5	QPSK	25	0	19.31	19.46	19.34	19.44		
5	16QAM	1	0	19.29	19.44	19.37	19.47		
5	16QAM	1	12	19.16	19.41	19.38	19.42	21	0
5	16QAM	1	24	19.27	19.49	19.44	19.28		
5	16QAM	12	0	19.38	19.47	19.33	19.49		
5	16QAM	12	7	19.17	19.47	19.37	19.32	21	0
5	16QAM	12	13	19.31	19.43	19.42	19.36		
5	16QAM	25	0	19.26	19.46	19.29	19.37		
5	64QAM	1	0	19.18	19.33	19.22	19.33		
5	64QAM	1	12	19.20	19.34	19.36	19.08	21	0
5	64QAM	1	24	19.15	19.37	19.32	19.37		
5	64QAM	12	0	19.31	19.49	19.31	19.42		
5	64QAM	12	7	19.27	19.50	19.28	19.28	21	0
5	64QAM	12	13	19.31	19.53	19.34	19.20		
5	64QAM	25	0	19.18	19.44	19.32	19.36		
5	256QAM	1	0	17.40	17.54	17.43	17.54		
5	256QAM	1	12	17.31	17.64	17.47	17.39	19	2
5	256QAM	1	24	17.45	17.51	17.50	17.33		
5	256QAM	12	0	17.24	17.46	17.33	17.44		
5	256QAM	12	7	17.23	17.57	17.39	17.43	19	2
5	256QAM	12	13	17.30	17.46	17.34	17.29		
5	256QAM	25	0	17.37	17.42	17.29	17.54		

Reduced Power Mode for DSI4_Main PA

GSM850 Ant 0 DSI4	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	32.81	32.85	32.77	34.00	23.81	23.85	23.77	25.00
GPRS 1 Tx slot	32.68	32.76	32.73	34.00	23.68	23.76	23.73	25.00
GPRS 2 Tx slots	29.59	29.61	29.57	31.00	23.59	23.61	23.57	25.00
GPRS 3 Tx slots	27.61	27.66	27.57	29.20	23.35	23.40	23.31	24.94
GPRS 4 Tx slots	26.08	26.17	26.14	28.00	23.08	23.17	23.14	25.00
EDGE 1 Tx slot	25.89	25.93	25.79	27.00	16.89	16.93	16.79	18.00
EDGE 2 Tx slots	23.31	23.40	23.31	24.00	17.31	17.40	17.31	18.00
EDGE 3 Tx slots	21.42	21.53	21.47	22.20	17.16	17.27	17.21	17.94
EDGE 4 Tx slots	19.81	19.85	19.79	21.00	16.81	16.85	16.79	18.00

Band		WCDMA V Ant 0 DSI4			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.53	24.60	24.49	25.00
3GPP Rel 99	RMC 12.2Kbps	24.62	24.64	24.60	25.00
3GPP Rel 6	HSDPA Subtest-1	23.64	23.67	23.63	24.00
3GPP Rel 6	HSDPA Subtest-2	23.60	23.68	23.56	24.00
3GPP Rel 6	HSDPA Subtest-3	23.06	23.10	23.09	23.50
3GPP Rel 6	HSDPA Subtest-4	23.10	23.20	23.07	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.67	23.62	23.58	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.66	23.61	23.58	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.10	23.10	23.11	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	23.17	23.19	23.05	23.50
3GPP Rel 6	HSUPA Subtest-1	23.59	23.59	23.55	24.00
3GPP Rel 6	HSUPA Subtest-2	21.58	21.64	21.63	22.00
3GPP Rel 6	HSUPA Subtest-3	22.68	22.62	22.61	23.00
3GPP Rel 6	HSUPA Subtest-4	21.64	21.60	21.66	22.00
3GPP Rel 6	HSUPA Subtest-5	23.60	23.63	23.54	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest1	21.06	21.12	21.05	21.50

GSM850 Ant 1 DSI4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.01	33.00	32.96	34.50	24.01	24.00	23.96	25.50
GPRS 1 Tx slot	32.86	32.92	32.87	34.50	23.86	23.92	23.87	25.50
GPRS 2 Tx slots	29.81	29.87	29.83	31.50	23.81	23.87	23.83	25.50
GPRS 3 Tx slots	27.83	27.91	27.80	29.70	23.57	23.65	23.54	25.44
GPRS 4 Tx slots	26.53	26.70	26.62	28.50	23.53	23.70	23.62	25.50
EDGE 1 Tx slot	26.04	26.13	26.01	27.50	17.04	17.13	17.01	18.50
EDGE 2 Tx slots	23.45	23.65	23.49	24.50	17.45	17.65	17.49	18.50
EDGE 3 Tx slots	21.59	21.68	21.62	22.70	17.33	17.42	17.36	18.44
EDGE 4 Tx slots	20.04	20.11	19.93	21.50	17.04	17.11	16.93	18.50

Band		WCDMA V Ant 1 DSI4			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.89	24.00	23.98	25.00
3GPP Rel 99	RMC 12.2Kbps	23.99	24.05	24.01	25.00
3GPP Rel 6	HSDPA Subtest-1	23.05	23.04	23.01	24.00
3GPP Rel 6	HSDPA Subtest-2	22.96	23.01	23.01	24.00
3GPP Rel 6	HSDPA Subtest-3	22.43	22.55	22.52	23.50
3GPP Rel 6	HSDPA Subtest-4	22.49	22.59	22.52	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.93	23.05	23.05	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.05	22.99	23.01	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.48	22.54	22.55	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.47	22.60	22.54	23.50
3GPP Rel 6	HSUPA Subtest-1	23.03	23.07	22.97	24.00
3GPP Rel 6	HSUPA Subtest-2	20.94	21.05	21.02	22.00
3GPP Rel 6	HSUPA Subtest-3	21.94	21.99	21.97	23.00
3GPP Rel 6	HSUPA Subtest-4	20.95	21.02	21.04	22.00
3GPP Rel 6	HSUPA Subtest-5	23.03	23.09	23.06	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.48	20.51	20.45	21.50

GSM1900 Ant 2 DSI4	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	29.97	30.10	29.99	31.50	20.97	21.10	20.99	22.50
GPRS 1 Tx slot	29.98	30.07	30.03	31.50	20.98	21.07	21.03	22.50
GPRS 2 Tx slots	26.77	26.91	26.84	28.50	20.77	20.91	20.84	22.50
GPRS 3 Tx slots	24.83	24.93	24.90	26.70	20.57	20.67	20.64	22.44
GPRS 4 Tx slots	23.53	23.65	23.56	25.50	20.53	20.65	20.56	22.50
EDGE 1 Tx slot	25.42	25.54	25.40	27.00	16.42	16.54	16.40	18.00
EDGE 2 Tx slots	22.69	22.78	22.72	24.00	16.69	16.78	16.72	18.00
EDGE 3 Tx slots	20.87	20.90	20.86	22.20	16.61	16.64	16.60	17.94
EDGE 4 Tx slots	20.00	20.07	19.96	21.00	17.00	17.07	16.96	18.00

Band		WCDMA IV Ant 2 DSI4			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Rx Channel		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.00	23.09	22.98	24.50
3GPP Rel 99	RMC 12.2Kbps	23.03	23.13	23.04	24.50
3GPP Rel 6	HSDPA Subtest-1	21.99	22.10	22.08	23.50
3GPP Rel 6	HSDPA Subtest-2	22.03	22.13	22.10	23.50
3GPP Rel 6	HSDPA Subtest-3	21.53	21.69	21.49	23.00
3GPP Rel 6	HSDPA Subtest-4	21.56	21.61	21.48	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	21.98	22.18	22.00	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.08	22.11	22.00	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.50	21.60	21.48	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.58	21.68	21.50	23.00
3GPP Rel 6	HSUPA Subtest-1	22.02	22.07	21.99	23.50
3GPP Rel 6	HSUPA Subtest-2	20.03	20.17	20.07	21.50
3GPP Rel 6	HSUPA Subtest-3	21.06	21.13	21.09	22.50
3GPP Rel 6	HSUPA Subtest-4	20.04	20.18	20.08	21.50
3GPP Rel 6	HSUPA Subtest-5	22.06	22.10	22.03	23.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.54	19.65	19.56	21.00

Band		WCDMA II Ant 3 DSI4			Tune-up Limit (dBm)	WCDMA IV Ant 3 DSI4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.34	24.41	24.37	25.00	23.94	24.00	23.92	25.00
3GPP Rel 99	RMC 12.2Kbps	24.44	24.54	24.50	25.00	23.98	24.03	23.96	25.00
3GPP Rel 6	HSDPA Subtest-1	23.44	23.52	23.49	24.00	22.94	23.06	22.90	24.00
3GPP Rel 6	HSDPA Subtest-2	23.43	23.55	23.51	24.00	23.00	22.97	23.00	24.00
3GPP Rel 6	HSDPA Subtest-3	22.89	22.99	22.97	23.50	22.52	22.58	22.50	23.50
3GPP Rel 6	HSDPA Subtest-4	22.95	23.03	22.98	23.50	22.47	22.55	22.48	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.48	23.57	23.50	24.00	23.00	23.04	23.02	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.46	23.57	23.51	24.00	22.94	23.08	22.91	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.93	23.09	23.04	23.50	22.50	22.56	22.48	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.93	22.99	22.96	23.50	22.48	22.53	22.48	23.50
3GPP Rel 6	HSUPA Subtest-1	23.49	23.59	23.45	24.00	22.93	23.00	22.99	24.00
3GPP Rel 6	HSUPA Subtest-2	21.47	21.53	21.46	22.00	20.99	20.99	20.93	22.00
3GPP Rel 6	HSUPA Subtest-3	22.43	22.59	22.55	23.00	22.02	22.01	21.92	23.00
3GPP Rel 6	HSUPA Subtest-4	21.49	21.58	21.46	22.00	20.96	20.98	20.93	22.00
3GPP Rel 6	HSUPA Subtest-5	23.44	23.51	23.47	24.00	22.97	23.09	22.96	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.91	20.99	20.97	21.50	20.48	20.57	20.42	21.50

GSM1900 Ant 5 DSI4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.00	30.05	29.96	31.00	21.00	21.05	20.96	22.00
GPRS 1 Tx slot	29.94	30.00	29.90	31.00	20.94	21.00	20.90	22.00
GPRS 2 Tx slots	26.85	26.90	26.86	28.00	20.85	20.90	20.86	22.00
GPRS 3 Tx slots	24.87	24.94	24.88	26.20	20.61	20.68	20.62	21.94
GPRS 4 Tx slots	23.60	23.65	23.61	25.00	20.60	20.65	20.61	22.00
EDGE 1 Tx slot	25.46	25.48	25.40	27.00	16.46	16.48	16.40	18.00
EDGE 2 Tx slots	22.55	22.66	22.59	24.00	16.55	16.66	16.59	18.00
EDGE 3 Tx slots	21.08	21.10	20.98	22.20	16.82	16.84	16.72	17.94
EDGE 4 Tx slots	20.45	20.54	20.40	21.00	17.45	17.54	17.40	18.00

Band		WCDMA II Ant 5 DSI4			Tune-up Limit (dBm)	WCDMA IV Ant 5 DSI4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.99	21.09	21.13	22.00	20.60	20.78	20.71	22.00
3GPP Rel 99	RMC 12.2Kbps	21.14	21.15	21.11	22.00	20.78	20.87	20.74	22.00
3GPP Rel 6	HSDPA Subtest-1	20.11	20.21	20.08	21.00	19.79	19.82	19.78	21.00
3GPP Rel 6	HSDPA Subtest-2	20.13	20.17	20.20	21.00	19.75	19.77	19.74	21.00
3GPP Rel 6	HSDPA Subtest-3	19.58	19.66	19.69	20.50	19.29	19.32	19.18	20.50
3GPP Rel 6	HSDPA Subtest-4	19.57	19.73	19.65	20.50	19.27	19.33	19.21	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.16	20.22	20.09	21.00	19.65	19.74	19.69	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.15	20.27	20.11	21.00	19.74	19.88	19.86	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.59	19.65	19.62	20.50	19.19	19.32	19.25	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.55	19.64	19.56	20.50	19.27	19.31	19.28	20.50
3GPP Rel 6	HSUPA Subtest-1	20.14	20.17	20.12	21.00	19.66	19.81	19.71	21.00
3GPP Rel 6	HSUPA Subtest-2	18.07	18.17	18.13	19.00	17.64	17.81	17.84	19.00
3GPP Rel 6	HSUPA Subtest-3	19.13	19.20	19.15	20.00	18.83	18.86	18.72	20.00
3GPP Rel 6	HSUPA Subtest-4	18.15	18.24	18.05	19.00	17.65	17.83	17.72	19.00
3GPP Rel 6	HSUPA Subtest-5	20.15	20.18	20.10	21.00	19.77	19.72	19.82	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.58	17.67	17.67	18.50	17.21	17.39	17.33	18.50

Band 5 Ant 0 DSI4

BW [MHz]	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	24.29	24.51	24.22	24.7	0
10	QPSK	1	25	24.45	24.43	24.31		
10	QPSK	1	49	24.41	24.44	24.30		
10	QPSK	25	0	24.37	24.43	24.34	24.7	0
10	QPSK	25	12	24.41	24.43	24.30		
10	QPSK	25	25	24.36	24.34	24.23		
10	QPSK	50	0	24.39	24.39	24.23		
10	16QAM	1	0	24.30	24.40	24.26	24.7	0
10	16QAM	1	25	24.35	24.43	24.27		
10	16QAM	1	49	24.45	24.47	24.23		
10	16QAM	25	0	23.33	23.51	23.30	23.7	1
10	16QAM	25	12	23.34	23.40	23.14		
10	16QAM	25	25	23.34	23.52	23.27		
10	16QAM	50	0	23.31	23.56	23.30		
10	64QAM	1	0	23.24	23.41	23.21	23.7	1
10	64QAM	1	25	23.37	23.46	23.22		
10	64QAM	1	49	23.34	23.50	23.14		
10	64QAM	25	0	22.37	22.44	22.16	22.7	2
10	64QAM	25	12	22.21	22.38	22.20		
10	64QAM	25	25	22.34	22.56	22.15		
10	64QAM	50	0	22.36	22.54	22.22		
10	256QAM	1	0	20.22	20.42	20.19	20.7	4
10	256QAM	1	25	20.34	20.53	20.30		
10	256QAM	1	49	20.30	20.43	20.31		
10	256QAM	25	0	20.24	20.43	20.18	20.7	4
10	256QAM	25	12	20.32	20.42	20.18		
10	256QAM	25	25	20.24	20.39	20.17		
10	256QAM	50	0	20.26	20.49	20.22		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.25	24.30	24.10	24.7	0
5	QPSK	1	12	24.28	24.34	24.19		
5	QPSK	1	24	24.39	24.34	24.18		
5	QPSK	12	0	24.20	24.35	24.27	24.7	0
5	QPSK	12	7	24.38	24.24	24.27		
5	QPSK	12	13	24.22	24.21	24.17		
5	QPSK	25	0	24.25	24.36	24.09		
5	16QAM	1	0	24.18	24.31	24.25	24.7	0
5	16QAM	1	12	24.29	24.26	24.23		
5	16QAM	1	24	24.44	24.37	24.14		
5	16QAM	12	0	23.18	23.45	23.22	23.7	1
5	16QAM	12	7	23.25	23.37	23.08		
5	16QAM	12	13	23.15	23.41	23.23		
5	16QAM	25	0	23.23	23.48	23.20		
5	64QAM	1	0	23.21	23.25	23.08	23.7	1
5	64QAM	1	12	23.27	23.37	23.17		
5	64QAM	1	24	23.28	23.36	23.10		
5	64QAM	12	0	22.24	22.38	22.01	22.7	2
5	64QAM	12	7	22.18	22.26	22.01		
5	64QAM	12	13	22.16	22.42	22.02		
5	64QAM	25	0	22.34	22.45	22.06		
5	256QAM	1	0	20.08	20.27	20.11	20.7	4
5	256QAM	1	12	20.30	20.42	20.29		
5	256QAM	1	24	20.28	20.35	20.14		
5	256QAM	12	0	20.11	20.25	20.10	20.7	4
5	256QAM	12	7	20.26	20.35	20.10		
5	256QAM	12	13	20.17	20.33	20.12		
5	256QAM	25	0	20.22	20.39	20.19		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.23	24.39	24.20	24.7	0
3	QPSK	1	8	24.39	24.34	24.19		
3	QPSK	1	14	24.27	24.33	24.21		
3	QPSK	8	0	24.30	24.27	24.21	24.7	0
3	QPSK	8	4	24.33	24.42	24.13		
3	QPSK	8	7	24.18	24.29	24.13		
3	QPSK	15	0	24.27	24.20	24.09		
3	16QAM	1	0	24.19	24.29	24.24	24.7	0
3	16QAM	1	8	24.20	24.28	24.09		
3	16QAM	1	14	24.43	24.40	24.07		
3	16QAM	8	0	23.26	23.40	23.13	23.7	1
3	16QAM	8	4	23.30	23.33	22.97		
3	16QAM	8	7	23.25	23.43	23.15		
3	16QAM	15	0	23.17	23.46	23.15		
3	64QAM	1	0	23.18	23.37	23.13	23.7	1
3	64QAM	1	8	23.21	23.34	23.17		
3	64QAM	1	14	23.23	23.35	23.10		
3	64QAM	8	0	22.30	22.38	21.97	22.7	2
3	64QAM	8	4	22.06	22.35	22.08		
3	64QAM	8	7	22.26	22.44	22.11		
3	64QAM	15	0	22.35	22.40	22.08		
3	256QAM	1	0	20.10	20.39	20.08	20.7	4
3	256QAM	1	8	20.28	20.43	20.13		
3	256QAM	1	14	20.28	20.31	20.25		
3	256QAM	8	0	20.10	20.39	20.07	20.7	4
3	256QAM	8	4	20.27	20.34	20.16		
3	256QAM	8	7	20.14	20.37	20.14		
3	256QAM	15	0	20.21	20.42	20.13		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.19	24.40	24.13	24.7	0
1.4	QPSK	1	3	24.37	24.37	24.23		
1.4	QPSK	1	5	24.30	24.37	24.17		
1.4	QPSK	3	0	24.18	24.41	24.21		
1.4	QPSK	3	1	24.29	24.24	24.23		
1.4	QPSK	3	3	24.23	24.19	24.19		
1.4	QPSK	6	0	24.37	24.30	24.05	24.7	0
1.4	16QAM	1	0	24.22	24.23	24.11	24.7	0
1.4	16QAM	1	3	24.31	24.41	24.17		
1.4	16QAM	1	5	24.33	24.31	24.14		
1.4	16QAM	3	0	23.16	23.47	23.16		
1.4	16QAM	3	1	23.19	23.35	23.05		
1.4	16QAM	3	3	23.29	23.41	23.25		
1.4	16QAM	6	0	23.13	23.42	23.27	23.7	1
1.4	64QAM	1	0	23.13	23.30	23.07	23.7	1
1.4	64QAM	1	3	23.25	23.32	23.18		
1.4	64QAM	1	5	23.32	23.38	23.02		
1.4	64QAM	3	0	22.36	22.29	22.14		
1.4	64QAM	3	1	22.14	22.28	22.13		
1.4	64QAM	3	3	22.24	22.54	22.15		
1.4	64QAM	6	0	22.26	22.47	22.19	22.7	2
1.4	256QAM	1	0	20.21	20.38	20.15	20.7	4
1.4	256QAM	1	3	20.27	20.45	20.25		
1.4	256QAM	1	5	20.11	20.41	20.16		
1.4	256QAM	3	0	20.07	20.26	20.04		
1.4	256QAM	3	1	20.28	20.40	20.00		
1.4	256QAM	3	3	20.18	20.23	20.08		
1.4	256QAM	6	0	20.24	20.40	20.12	20.7	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.78	24.91	24.89	25.2	0
15	QPSK	1	37	24.64	24.87	24.67		
15	QPSK	1	74	24.64	24.81	24.74		
15	QPSK	36	0	23.73	23.99	23.93	24.7	0.5
15	QPSK	36	20	23.81	23.87	23.68		
15	QPSK	36	39	23.66	23.67	23.71		
15	QPSK	75	0	23.80	23.81	23.80		
15	16QAM	1	0	23.83	23.75	23.70	24.7	0.5
15	16QAM	1	37	23.81	23.78	23.71		
15	16QAM	1	74	23.48	23.76	23.59		
15	16QAM	36	0	22.80	22.95	22.93	23.7	1.5
15	16QAM	36	20	22.72	23.01	22.72		
15	16QAM	36	39	22.60	22.68	22.70		
15	16QAM	75	0	22.83	22.92	22.67		
15	64QAM	1	0	22.77	22.69	22.76	23.7	1.5
15	64QAM	1	37	22.74	22.84	22.58		
15	64QAM	1	74	22.67	22.64	22.74		
15	64QAM	36	0	21.77	21.87	21.83	22.7	2.5
15	64QAM	36	20	21.69	21.81	21.50		
15	64QAM	36	39	21.73	21.76	21.81		
15	64QAM	75	0	21.83	21.87	21.85		
15	256QAM	1	0	19.77	19.88	20.00	20.7	4.5
15	256QAM	1	37	19.72	19.97	19.69		
15	256QAM	1	74	19.62	19.78	19.63		
15	256QAM	36	0	19.82	19.93	19.83	20.7	4.5
15	256QAM	36	20	19.72	19.79	19.74		
15	256QAM	36	39	19.72	19.72	19.58		
15	256QAM	75	0	19.56	19.63	19.64		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.66	24.76	24.83	25.2	0
10	QPSK	1	25	24.54	24.73	24.61		
10	QPSK	1	49	24.60	24.69	24.63		
10	QPSK	25	0	23.71	23.86	23.75	24.7	0.5
10	QPSK	25	12	23.75	23.72	23.49		
10	QPSK	25	25	23.62	23.50	23.69		
10	QPSK	50	0	23.70	23.69	23.70		
10	16QAM	1	0	23.70	23.64	23.60	24.7	0.5
10	16QAM	1	25	23.72	23.71	23.55		
10	16QAM	1	49	23.33	23.67	23.57		
10	16QAM	25	0	22.65	22.85	22.79	23.7	1.5
10	16QAM	25	12	22.54	22.85	22.59		
10	16QAM	25	25	22.50	22.57	22.51		
10	16QAM	50	0	22.79	22.87	22.59		
10	64QAM	1	0	22.63	22.63	22.60	23.7	1.5
10	64QAM	1	25	22.71	22.65	22.45		
10	64QAM	1	49	22.51	22.52	22.71		
10	64QAM	25	0	21.75	21.76	21.66	22.7	2.5
10	64QAM	25	12	21.56	21.64	21.36		
10	64QAM	25	25	21.69	21.58	21.74		
10	64QAM	50	0	21.78	21.74	21.75		
10	256QAM	1	0	19.72	19.72	19.92	20.7	4.5
10	256QAM	1	25	19.65	19.90	19.59		
10	256QAM	1	49	19.47	19.61	19.45		
10	256QAM	25	0	19.69	19.88	19.78	20.7	4.5
10	256QAM	25	12	19.70	19.76	19.69		
10	256QAM	25	25	19.60	19.68	19.43		
10	256QAM	50	0	19.48	19.45	19.61		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.73	24.64	24.74	25.2	0
5	QPSK	1	12	24.46	24.85	24.53		
5	QPSK	1	24	24.46	24.63	24.59		
5	QPSK	12	0	23.57	23.89	23.80	24.7	0.5
5	QPSK	12	7	23.70	23.75	23.61		
5	QPSK	12	13	23.50	23.56	23.62		
5	QPSK	25	0	23.69	23.70	23.76		
5	16QAM	1	0	23.73	23.61	23.56	24.7	0.5
5	16QAM	1	12	23.65	23.60	23.68		
5	16QAM	1	24	23.40	23.63	23.49		
5	16QAM	12	0	22.77	22.87	22.86	23.7	1.5
5	16QAM	12	7	22.60	22.99	22.60		
5	16QAM	12	13	22.51	22.50	22.53		
5	16QAM	25	0	22.77	22.76	22.65		
5	64QAM	1	0	22.65	22.56	22.64	23.7	1.5
5	64QAM	1	12	22.65	22.71	22.44		
5	64QAM	1	24	22.58	22.61	22.71		
5	64QAM	12	0	21.60	21.72	21.78	22.7	2.5
5	64QAM	12	7	21.59	21.64	21.37		
5	64QAM	12	13	21.61	21.60	21.74		
5	64QAM	25	0	21.80	21.77	21.69		
5	256QAM	1	0	19.61	19.77	19.96	20.7	4.5
5	256QAM	1	12	19.60	19.86	19.61		
5	256QAM	1	24	19.54	19.75	19.52		
5	256QAM	12	0	19.76	19.74	19.64	20.7	4.5
5	256QAM	12	7	19.69	19.66	19.59		
5	256QAM	12	13	19.66	19.65	19.41		
5	256QAM	25	0	19.49	19.45	19.51		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.72	24.75	24.79	25.2	0
3	QPSK	1	8	24.47	24.76	24.51		
3	QPSK	1	14	24.61	24.75	24.59		
3	QPSK	8	0	23.67	23.93	23.82	24.7	0.5
3	QPSK	8	4	23.78	23.72	23.66		
3	QPSK	8	7	23.48	23.55	23.65		
3	QPSK	15	0	23.77	23.78	23.75		
3	16QAM	1	0	23.72	23.67	23.64	24.7	0.5
3	16QAM	1	8	23.66	23.61	23.54		
3	16QAM	1	14	23.33	23.59	23.46		
3	16QAM	8	0	22.61	22.88	22.74	23.7	1.5
3	16QAM	8	4	22.65	22.92	22.60		
3	16QAM	8	7	22.45	22.58	22.67		
3	16QAM	15	0	22.74	22.73	22.53		
3	64QAM	1	0	22.72	22.56	22.72	23.7	1.5
3	64QAM	1	8	22.66	22.82	22.57		
3	64QAM	1	14	22.53	22.57	22.61		
3	64QAM	8	0	21.75	21.82	21.72	22.7	2.5
3	64QAM	8	4	21.65	21.68	21.38		
3	64QAM	8	7	21.58	21.58	21.69		
3	64QAM	15	0	21.73	21.78	21.81		
3	256QAM	1	0	19.59	19.86	19.87	20.7	4.5
3	256QAM	1	8	19.69	19.93	19.57		
3	256QAM	1	14	19.58	19.62	19.60		
3	256QAM	8	0	19.75	19.89	19.79	20.7	4.5
3	256QAM	8	4	19.58	19.72	19.71		
3	256QAM	8	7	19.62	19.57	19.43		
3	256QAM	15	0	19.50	19.50	19.51		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.71	24.74	24.82	25.2	0
1.4	QPSK	1	3	24.61	24.69	24.55		
1.4	QPSK	1	5	24.51	24.63	24.55		
1.4	QPSK	3	0	23.68	23.97	23.83		
1.4	QPSK	3	1	23.67	23.84	23.58		
1.4	QPSK	3	3	23.65	23.53	23.57		
1.4	QPSK	6	0	24.18	24.32	24.36	24.7	0.5
1.4	16QAM	1	0	24.22	24.27	24.27	24.7	0.5
1.4	16QAM	1	3	24.26	24.29	24.27		
1.4	16QAM	1	5	24.21	24.29	24.27		
1.4	16QAM	3	0	24.24	24.30	24.41		
1.4	16QAM	3	1	24.19	24.25	24.31		
1.4	16QAM	3	3	24.16	24.27	24.31		
1.4	16QAM	6	0	23.27	23.32	23.38	23.7	1.5
1.4	64QAM	1	0	23.16	23.18	23.34	23.7	1.5
1.4	64QAM	1	3	23.22	23.20	23.36		
1.4	64QAM	1	5	23.29	23.32	23.25		
1.4	64QAM	3	0	23.18	23.20	23.38		
1.4	64QAM	3	1	23.16	23.17	23.29		
1.4	64QAM	3	3	23.12	23.32	23.24		
1.4	64QAM	6	0	22.29	22.29	22.24	22.7	2.5
1.4	256QAM	1	0	20.30	20.25	20.23	20.7	4.5
1.4	256QAM	1	3	20.19	20.28	20.38		
1.4	256QAM	1	5	20.25	20.26	20.33		
1.4	256QAM	3	0	20.14	20.20	20.26		
1.4	256QAM	3	1	20.26	20.27	20.34		
1.4	256QAM	3	3	20.28	20.27	20.38		
1.4	256QAM	6	0	20.17	20.20	20.24	20.7	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.61	24.63	24.59	25.7	0
10	QPSK	1	25	24.53	24.58	24.52		
10	QPSK	1	49	24.61	24.56	24.56		
10	QPSK	25	0	23.58	23.67	23.65	24.7	1
10	QPSK	25	12	23.55	23.60	23.48		
10	QPSK	25	25	23.55	23.62	23.61		
10	QPSK	50	0	23.59	23.65	23.63		
10	16QAM	1	0	23.58	23.61	23.61	24.7	1
10	16QAM	1	25	23.46	23.49	23.45		
10	16QAM	1	49	23.45	23.53	23.56		
10	16QAM	25	0	22.56	22.71	22.60	23.7	2
10	16QAM	25	12	22.58	22.56	22.51		
10	16QAM	25	25	22.52	22.58	22.62		
10	16QAM	50	0	22.55	22.70	22.59		
10	64QAM	1	0	22.56	22.63	22.65	23.7	2
10	64QAM	1	25	22.42	22.46	22.47		
10	64QAM	1	49	22.43	22.57	22.57		
10	64QAM	25	0	21.62	21.72	21.65	22.7	3
10	64QAM	25	12	21.60	21.62	21.50		
10	64QAM	25	25	21.57	21.57	21.62		
10	64QAM	50	0	21.55	21.61	21.59		
10	256QAM	1	0	19.56	19.70	19.67	20.7	5
10	256QAM	1	25	19.50	19.60	19.50		
10	256QAM	1	49	19.55	19.62	19.66		
10	256QAM	25	0	19.61	19.59	19.66	20.7	5
10	256QAM	25	12	19.62	19.63	19.62		
10	256QAM	25	25	19.51	19.46	19.41		
10	256QAM	50	0	19.46	19.57	19.51		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.54	24.52	24.50	25.7	0
5	QPSK	1	12	24.48	24.49	24.44		
5	QPSK	1	24	24.54	24.46	24.45		
5	QPSK	12	0	23.51	23.62	23.54	24.7	1
5	QPSK	12	7	23.48	23.47	23.39		
5	QPSK	12	13	23.47	23.51	23.54		
5	QPSK	25	0	23.47	23.53	23.52		
5	16QAM	1	0	23.47	23.48	23.55	24.7	1
5	16QAM	1	12	23.42	23.41	23.32		
5	16QAM	1	24	23.38	23.41	23.47		
5	16QAM	12	0	22.52	22.63	22.57	23.7	2
5	16QAM	12	7	22.46	22.43	22.48		
5	16QAM	12	13	22.43	22.55	22.58		
5	16QAM	25	0	22.41	22.68	22.45		
5	64QAM	1	0	22.46	22.50	22.60	23.7	2
5	64QAM	1	12	22.35	22.43	22.35		
5	64QAM	1	24	22.38	22.44	22.46		
5	64QAM	12	0	21.51	21.66	21.62	22.7	3
5	64QAM	12	7	21.56	21.58	21.44		
5	64QAM	12	13	21.52	21.45	21.59		
5	64QAM	25	0	21.44	21.55	21.54		
5	256QAM	1	0	19.51	19.67	19.57	20.7	5
5	256QAM	1	12	19.40	19.49	19.39		
5	256QAM	1	24	19.47	19.50	19.60		
5	256QAM	12	0	19.58	19.55	19.61	20.7	5
5	256QAM	12	7	19.54	19.56	19.49		
5	256QAM	12	13	19.38	19.41	19.35		
5	256QAM	25	0	19.36	19.53	19.46		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.56	24.55	24.54	25.7	0
3	QPSK	1	8	24.43	24.45	24.50		
3	QPSK	1	14	24.55	24.45	24.50		
3	QPSK	8	0	23.47	23.56	23.55	24.7	1
3	QPSK	8	4	23.49	23.47	23.34		
3	QPSK	8	7	23.53	23.49	23.55		
3	QPSK	15	0	23.50	23.53	23.54		
3	16QAM	1	0	23.47	23.50	23.50	24.7	1
3	16QAM	1	8	23.35	23.43	23.36		
3	16QAM	1	14	23.40	23.40	23.51		
3	16QAM	8	0	22.46	22.65	22.48	23.7	2
3	16QAM	8	4	22.50	22.45	22.40		
3	16QAM	8	7	22.43	22.53	22.58		
3	16QAM	15	0	22.42	22.66	22.54		
3	64QAM	1	0	22.52	22.49	22.61	23.7	2
3	64QAM	1	8	22.29	22.36	22.42		
3	64QAM	1	14	22.36	22.44	22.47		
3	64QAM	8	0	21.54	21.68	21.63	22.7	3
3	64QAM	8	4	21.53	21.53	21.47		
3	64QAM	8	7	21.47	21.50	21.55		
3	64QAM	15	0	21.42	21.58	21.47		
3	256QAM	1	0	19.46	19.64	19.57	20.7	5
3	256QAM	1	8	19.48	19.53	19.46		
3	256QAM	1	14	19.52	19.57	19.60		
3	256QAM	8	0	19.53	19.48	19.58	20.7	5
3	256QAM	8	4	19.50	19.57	19.56		
3	256QAM	8	7	19.48	19.39	19.30		
3	256QAM	15	0	19.40	19.52	19.47		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.51	24.54	24.46	25.7	0
1.4	QPSK	1	3	24.51	24.50	24.44		
1.4	QPSK	1	5	24.51	24.45	24.51		
1.4	QPSK	3	0	24.38	24.48	24.40		
1.4	QPSK	3	1	24.38	24.47	24.33		
1.4	QPSK	3	3	24.46	24.38	24.41		
1.4	QPSK	6	0	23.55	23.56	23.50	24.7	1
1.4	16QAM	1	0	23.52	23.50	23.58	24.7	1
1.4	16QAM	1	3	23.34	23.43	23.43		
1.4	16QAM	1	5	23.32	23.48	23.47		
1.4	16QAM	3	0	23.45	23.49	23.42		
1.4	16QAM	3	1	23.47	23.42	23.53		
1.4	16QAM	3	3	23.27	23.37	23.33		
1.4	16QAM	6	0	22.47	22.59	22.45	23.7	2
1.4	64QAM	1	0	22.51	22.60	22.62	23.7	2
1.4	64QAM	1	3	22.31	22.41	22.39		
1.4	64QAM	1	5	22.33	22.54	22.44		
1.4	64QAM	3	0	22.36	22.56	22.31		
1.4	64QAM	3	1	22.37	22.51	22.55		
1.4	64QAM	3	3	22.25	22.37	22.34		
1.4	64QAM	6	0	21.47	21.53	21.50	22.7	3
1.4	256QAM	1	0	19.53	19.66	19.57	20.7	5
1.4	256QAM	1	3	19.36	19.46	19.40		
1.4	256QAM	1	5	19.51	19.48	19.54		
1.4	256QAM	3	0	19.48	19.56	19.63		
1.4	256QAM	3	1	19.52	19.49	19.53		
1.4	256QAM	3	3	19.40	19.43	19.33		
1.4	256QAM	6	0	19.35	19.44	19.39	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.57	24.58	24.51	25.7	0
15	QPSK	1	37	24.50	24.54	24.46		
15	QPSK	1	74	24.55	24.50	24.49		
15	QPSK	36	0	23.53	23.59	23.63	24.7	1
15	QPSK	36	20	23.55	23.61	23.38		
15	QPSK	36	39	23.51	23.55	23.59		
15	QPSK	75	0	23.55	23.60	23.54		
15	16QAM	1	0	23.51	23.60	23.55	24.7	1
15	16QAM	1	37	23.37	23.46	23.40		
15	16QAM	1	74	23.35	23.53	23.53		
15	16QAM	36	0	22.48	22.69	22.60	23.7	2
15	16QAM	36	20	22.54	22.53	22.50		
15	16QAM	36	39	22.47	22.50	22.55		
15	16QAM	75	0	22.54	22.60	22.56		
15	64QAM	1	0	22.49	22.57	22.56	23.7	2
15	64QAM	1	37	22.41	22.38	22.42		
15	64QAM	1	74	22.43	22.52	22.57		
15	64QAM	36	0	21.60	21.64	21.60	22.7	3
15	64QAM	36	20	21.55	21.55	21.47		
15	64QAM	36	39	21.51	21.47	21.57		
15	64QAM	75	0	21.52	21.58	21.50		
15	256QAM	1	0	19.56	19.61	19.60	20.7	5
15	256QAM	1	37	19.50	19.53	19.44		
15	256QAM	1	74	19.54	19.56	19.61		
15	256QAM	36	0	19.53	19.58	19.64	20.7	5
15	256QAM	36	20	19.61	19.54	19.55		
15	256QAM	36	39	19.40	19.44	19.30		
15	256QAM	75	0	19.45	19.47	19.48		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.48	24.52	24.43	25.7	0
10	QPSK	1	25	24.43	24.49	24.35		
10	QPSK	1	49	24.52	24.40	24.48		
10	QPSK	25	0	23.50	23.57	23.53	24.7	1
10	QPSK	25	12	23.51	23.51	23.39		
10	QPSK	25	25	23.46	23.56	23.60		
10	QPSK	50	0	23.46	23.50	23.49		
10	16QAM	1	0	23.46	23.59	23.46	24.7	1
10	16QAM	1	25	23.36	23.41	23.30		
10	16QAM	1	49	23.35	23.43	23.42		
10	16QAM	25	0	22.44	22.69	22.58	23.7	2
10	16QAM	25	12	22.51	22.54	22.39		
10	16QAM	25	25	22.43	22.50	22.47		
10	16QAM	50	0	22.48	22.60	22.50		
10	64QAM	1	0	22.44	22.53	22.51	23.7	2
10	64QAM	1	25	22.37	22.30	22.41		
10	64QAM	1	49	22.33	22.48	22.56		
10	64QAM	25	0	21.51	21.65	21.56	22.7	3
10	64QAM	25	12	21.48	21.50	21.36		
10	64QAM	25	25	21.46	21.40	21.55		
10	64QAM	50	0	21.42	21.53	21.48		
10	256QAM	1	0	19.52	19.57	19.55	20.7	5
10	256QAM	1	25	19.47	19.43	19.41		
10	256QAM	1	49	19.47	19.53	19.56		
10	256QAM	25	0	19.46	19.58	19.60	20.7	5
10	256QAM	25	12	19.59	19.49	19.54		
10	256QAM	25	25	19.38	19.41	19.23		
10	256QAM	50	0	19.40	19.41	19.39		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.57	24.57	24.45	25.7	0
5	QPSK	1	12	24.44	24.46	24.44		
5	QPSK	1	24	24.51	24.50	24.41		
5	QPSK	12	0	23.45	23.53	23.55	24.7	1
5	QPSK	12	7	23.51	23.53	23.31		
5	QPSK	12	13	23.44	23.46	23.54		
5	QPSK	25	0	23.48	23.58	23.45		
5	16QAM	1	0	23.47	23.59	23.51	24.7	1
5	16QAM	1	12	23.30	23.46	23.38		
5	16QAM	1	24	23.27	23.46	23.45		
5	16QAM	12	0	22.47	22.69	22.58	23.7	2
5	16QAM	12	7	22.46	22.47	22.49		
5	16QAM	12	13	22.46	22.40	22.48		
5	16QAM	25	0	22.44	22.56	22.53		
5	64QAM	1	0	22.41	22.57	22.52	23.7	2
5	64QAM	1	12	22.38	22.31	22.39		
5	64QAM	1	24	22.42	22.46	22.49		
5	64QAM	12	0	21.51	21.57	21.50	22.7	3
5	64QAM	12	7	21.53	21.44	21.37		
5	64QAM	12	13	21.45	21.48	21.58		
5	64QAM	25	0	21.50	21.53	21.47		
5	256QAM	1	0	19.53	19.52	19.50	20.7	5
5	256QAM	1	12	19.39	19.52	19.38		
5	256QAM	1	24	19.44	19.49	19.55		
5	256QAM	12	0	19.51	19.49	19.65	20.7	5
5	256QAM	12	7	19.50	19.48	19.45		
5	256QAM	12	13	19.39	19.38	19.28		
5	256QAM	25	0	19.40	19.48	19.48		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.54	24.51	24.51	25.7	0
3	QPSK	1	8	24.46	24.52	24.46		
3	QPSK	1	14	24.54	24.51	24.48		
3	QPSK	8	0	23.52	23.57	23.57	24.7	1
3	QPSK	8	4	23.53	23.51	23.35		
3	QPSK	8	7	23.49	23.47	23.52		
3	QPSK	15	0	23.47	23.58	23.55		
3	16QAM	1	0	23.46	23.55	23.46	24.7	1
3	16QAM	1	8	23.27	23.46	23.37		
3	16QAM	1	14	23.24	23.43	23.54		
3	16QAM	8	0	22.41	22.69	22.52	23.7	2
3	16QAM	8	4	22.44	22.50	22.46		
3	16QAM	8	7	22.47	22.50	22.45		
3	16QAM	15	0	22.49	22.51	22.55		
3	64QAM	1	0	22.41	22.52	22.57	23.7	2
3	64QAM	1	8	22.31	22.32	22.34		
3	64QAM	1	14	22.43	22.49	22.58		
3	64QAM	8	0	21.50	21.58	21.55	22.7	3
3	64QAM	8	4	21.47	21.49	21.43		
3	64QAM	8	7	21.51	21.46	21.50		
3	64QAM	15	0	21.43	21.48	21.42		
3	256QAM	1	0	19.48	19.55	19.52	20.7	5
3	256QAM	1	8	19.44	19.43	19.44		
3	256QAM	1	14	19.46	19.54	19.51		
3	256QAM	8	0	19.45	19.57	19.57	20.7	5
3	256QAM	8	4	19.50	19.50	19.49		
3	256QAM	8	7	19.34	19.40	19.21		
3	256QAM	15	0	19.37	19.37	19.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.49	24.44	24.46	25.7	0
1.4	QPSK	1	3	24.43	24.45	24.42		
1.4	QPSK	1	5	24.45	24.44	24.51		
1.4	QPSK	3	0	24.32	24.45	24.35		
1.4	QPSK	3	1	24.30	24.36	24.29		
1.4	QPSK	3	3	24.40	24.27	24.37		
1.4	QPSK	6	0	23.45	23.47	23.42	24.7	1
1.4	16QAM	1	0	23.49	23.40	23.48	24.7	1
1.4	16QAM	1	3	23.35	23.39	23.32		
1.4	16QAM	1	5	23.31	23.48	23.43		
1.4	16QAM	3	0	23.37	23.49	23.39		
1.4	16QAM	3	1	23.42	23.37	23.54		
1.4	16QAM	3	3	23.24	23.34	23.24		
1.4	16QAM	6	0	22.41	22.59	22.43	23.7	2
1.4	64QAM	1	0	22.43	22.49	22.59	23.7	2
1.4	64QAM	1	3	22.26	22.33	22.36		
1.4	64QAM	1	5	22.27	22.52	22.38		
1.4	64QAM	3	0	22.30	22.55	22.30		
1.4	64QAM	3	1	22.29	22.51	22.56		
1.4	64QAM	3	3	22.25	22.31	22.29		
1.4	64QAM	6	0	21.44	21.51	21.49	22.7	3
1.4	256QAM	1	0	19.52	19.62	19.52	20.7	5
1.4	256QAM	1	3	19.28	19.44	19.30		
1.4	256QAM	1	5	19.46	19.38	19.45		
1.4	256QAM	3	0	19.47	19.50	19.54		
1.4	256QAM	3	1	19.46	19.49	19.51		
1.4	256QAM	3	3	19.37	19.33	19.22		
1.4	256QAM	6	0	19.27	19.34	19.37	20.7	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.22	23.24	23.13	25	0
20	QPSK	1	49	23.15	23.21	23.09		
20	QPSK	1	99	23.17	23.19	23.08		
20	QPSK	50	0	22.23	22.30	22.11	24	1
20	QPSK	50	24	22.18	22.25	22.06		
20	QPSK	50	50	22.16	22.24	22.04		
20	QPSK	100	0	22.21	22.29	22.17		
20	16QAM	1	0	22.27	22.23	22.10	24	1
20	16QAM	1	49	22.14	22.24	22.09		
20	16QAM	1	99	22.23	22.23	22.11		
20	16QAM	50	0	21.24	21.24	21.11	23	2
20	16QAM	50	24	21.19	21.25	21.05		
20	16QAM	50	50	21.19	21.24	21.03		
20	16QAM	100	0	21.21	21.34	21.22		
20	64QAM	1	0	21.23	21.29	21.07	23	2
20	64QAM	1	49	21.13	21.29	21.08		
20	64QAM	1	99	21.23	21.28	21.16		
20	64QAM	50	0	20.26	20.33	20.13	22	3
20	64QAM	50	24	20.14	20.19	20.01		
20	64QAM	50	50	20.19	20.18	20.00		
20	64QAM	100	0	20.15	20.34	20.19		
20	256QAM	1	0	18.24	18.25	18.06	20	5
20	256QAM	1	49	18.20	18.29	18.07		
20	256QAM	1	99	18.22	18.24	18.03		
20	256QAM	50	0	18.26	18.34	18.18	20	5
20	256QAM	50	24	18.30	18.24	18.07		
20	256QAM	50	50	18.28	18.25	18.06		
20	256QAM	100	0	18.27	18.27	18.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.20	23.22	23.11	25	0
15	QPSK	1	37	23.19	23.21	23.08		
15	QPSK	1	74	23.19	23.11	23.00		
15	QPSK	36	0	22.21	22.21	22.10	24	1
15	QPSK	36	20	22.17	22.27	22.02		
15	QPSK	36	39	22.13	22.26	22.06		
15	QPSK	75	0	22.18	22.31	22.10		
15	16QAM	1	0	22.22	22.21	22.02	24	1
15	16QAM	1	37	22.16	22.27	22.06		
15	16QAM	1	74	22.16	22.26	22.04		
15	16QAM	36	0	21.19	21.21	21.08	23	2
15	16QAM	36	20	21.13	21.27	21.01		
15	16QAM	36	39	21.16	21.18	21.03		
15	16QAM	75	0	21.18	21.28	21.20		
15	64QAM	1	0	21.21	21.20	21.28	23	2
15	64QAM	1	37	21.07	21.28	21.08		
15	64QAM	1	74	21.19	21.25	21.09		
15	64QAM	36	0	20.18	20.31	20.14	22	3
15	64QAM	36	20	20.10	20.20	20.03		
15	64QAM	36	39	20.21	20.13	20.01		
15	64QAM	75	0	20.17	20.30	20.17		
15	256QAM	1	0	18.26	18.19	18.05	20	5
15	256QAM	1	37	18.13	18.22	18.05		
15	256QAM	1	74	18.17	18.20	18.13		
15	256QAM	36	0	18.21	18.32	18.13	20	5
15	256QAM	36	20	18.26	18.20	18.04		
15	256QAM	36	39	18.04	18.23	18.01		
15	256QAM	75	0	18.19	18.30	18.11		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.18	23.21	23.05	25	0
10	QPSK	1	25	23.09	23.14	23.11		
10	QPSK	1	49	23.09	23.17	23.05		
10	QPSK	25	0	22.25	22.26	22.04	24	1
10	QPSK	25	12	22.17	22.21	22.03		
10	QPSK	25	25	22.12	22.22	22.13		
10	QPSK	50	0	22.13	22.24	22.15		
10	16QAM	1	0	22.24	22.25	22.08	24	1
10	16QAM	1	25	22.17	22.21	22.03		
10	16QAM	1	49	22.17	22.23	22.09		
10	16QAM	25	0	21.24	21.20	21.09	23	2
10	16QAM	25	12	21.11	21.17	21.05		
10	16QAM	25	25	21.13	21.17	21.27		
10	16QAM	50	0	21.13	21.27	21.19		
10	64QAM	1	0	21.26	21.27	21.04	23	2
10	64QAM	1	25	21.15	21.20	21.00		
10	64QAM	1	49	21.21	21.30	21.11		
10	64QAM	25	0	20.25	20.31	20.07	22	3
10	64QAM	25	12	20.08	20.20	20.08		
10	64QAM	25	25	20.19	20.20	20.02		
10	64QAM	50	0	20.16	20.26	20.15		
10	256QAM	1	0	18.16	18.26	18.02	20	5
10	256QAM	1	25	18.11	18.20	18.10		
10	256QAM	1	49	18.17	18.16	18.03		
10	256QAM	25	0	18.27	18.27	18.14	20	5
10	256QAM	25	12	18.18	18.27	18.18		
10	256QAM	25	25	18.00	18.28	18.08		
10	256QAM	50	0	18.29	18.19	18.08		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.19	23.18	23.10	25	0
5	QPSK	1	12	23.12	23.16	23.08		
5	QPSK	1	24	23.19	23.16	23.04		
5	QPSK	12	0	22.20	22.26	22.09	24	1
5	QPSK	12	7	22.11	22.16	22.01		
5	QPSK	12	13	22.17	22.16	22.00		
5	QPSK	25	0	22.14	22.25	22.09		
5	16QAM	1	0	22.29	22.19	22.03	24	1
5	16QAM	1	12	22.17	22.17	22.00		
5	16QAM	1	24	22.24	22.19	22.04		
5	16QAM	12	0	21.17	21.24	21.04	23	2
5	16QAM	12	7	21.17	21.19	21.06		
5	16QAM	12	13	21.20	21.17	21.16		
5	16QAM	25	0	21.16	21.35	21.22		
5	64QAM	1	0	21.21	21.24	21.07	23	2
5	64QAM	1	12	21.06	21.24	21.01		
5	64QAM	1	24	21.24	21.25	21.17		
5	64QAM	12	0	20.25	20.28	20.04	22	3
5	64QAM	12	7	20.09	20.11	20.00		
5	64QAM	12	13	20.20	20.20	20.00		
5	64QAM	25	0	20.11	20.30	20.19		
5	256QAM	1	0	18.19	18.21	18.05	20	5
5	256QAM	1	12	18.21	18.26	18.07		
5	256QAM	1	24	18.22	18.18	18.04		
5	256QAM	12	0	18.23	18.30	18.19		
5	256QAM	12	7	18.28	18.20	18.08	20	5
5	256QAM	12	13	18.07	18.22	18.05		
5	256QAM	25	0	18.20	18.24	18.10		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.20	23.18	23.10	25	0
3	QPSK	1	8	23.07	23.16	23.01		
3	QPSK	1	14	23.18	23.18	23.05		
3	QPSK	8	0	22.25	22.26	22.10	24	1
3	QPSK	8	4	22.15	22.21	22.00		
3	QPSK	8	7	22.18	22.22	22.02		
3	QPSK	15	0	22.14	22.27	22.12		
3	16QAM	1	0	22.26	22.21	22.09	24	1
3	16QAM	1	8	22.12	22.18	22.02		
3	16QAM	1	14	22.19	22.16	22.02		
3	16QAM	8	0	21.19	21.22	21.06	23	2
3	16QAM	8	4	21.13	21.24	21.12		
3	16QAM	8	7	21.12	21.21	21.01		
3	16QAM	15	0	21.23	21.36	21.20		
3	64QAM	1	0	21.20	21.25	21.03	23	2
3	64QAM	1	8	21.21	21.26	21.01		
3	64QAM	1	14	21.21	21.26	21.16		
3	64QAM	8	0	20.17	20.30	20.05	22	3
3	64QAM	8	4	20.06	20.20	20.02		
3	64QAM	8	7	20.20	20.18	20.01		
3	64QAM	15	0	20.16	20.26	20.15		
3	256QAM	1	0	18.20	18.25	18.00	20	5
3	256QAM	1	8	18.13	18.26	18.21		
3	256QAM	1	14	18.21	18.21	18.00		
3	256QAM	8	0	18.27	18.29	18.12	20	5
3	256QAM	8	4	18.29	18.18	18.08		
3	256QAM	8	7	18.10	18.21	18.01		
3	256QAM	15	0	18.24	18.28	18.03		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.22	23.21	23.15	25	0
1.4	QPSK	1	3	23.07	23.14	23.01		
1.4	QPSK	1	5	23.14	23.11	23.10		
1.4	QPSK	3	0	23.19	23.21	23.15		
1.4	QPSK	3	1	23.07	23.08	23.03		
1.4	QPSK	3	3	23.09	23.08	23.09		
1.4	QPSK	6	0	22.23	22.29	22.19	24	1
1.4	16QAM	1	0	22.30	22.16	22.04	24	1
1.4	16QAM	1	3	22.12	22.18	22.05		
1.4	16QAM	1	5	22.14	22.23	22.08		
1.4	16QAM	3	0	22.15	22.30	22.12		
1.4	16QAM	3	1	22.33	22.19	22.00		
1.4	16QAM	3	3	22.06	22.10	22.04		
1.4	16QAM	6	0	21.23	21.32	21.21	23	2
1.4	64QAM	1	0	21.20	21.24	21.00	23	2
1.4	64QAM	1	3	21.08	21.31	21.01		
1.4	64QAM	1	5	21.15	21.29	21.10		
1.4	64QAM	3	0	21.21	21.24	21.13		
1.4	64QAM	3	1	21.17	21.26	21.01		
1.4	64QAM	3	3	21.08	21.29	21.06		
1.4	64QAM	6	0	20.17	20.26	20.20	22	3
1.4	256QAM	1	0	18.24	18.17	18.02	20	5
1.4	256QAM	1	3	18.20	18.22	18.05		
1.4	256QAM	1	5	18.24	18.24	18.18		
1.4	256QAM	3	0	18.18	18.35	18.16		
1.4	256QAM	3	1	18.26	18.26	18.03		
1.4	256QAM	3	3	18.12	18.24	18.04		
1.4	256QAM	6	0	18.27	18.19	18.08	20	5

Band 4 Ant 2 DSI4

BW [MHz]	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	24.22	24.28	24.18	25.7	0
20	QPSK	1	49	23.97	24.26	24.12		
20	QPSK	1	99	24.00	24.01	24.09		
20	QPSK	50	0	23.03	23.33	23.06	24.7	1
20	QPSK	50	24	23.06	23.30	23.08		
20	QPSK	50	50	23.00	23.08	23.11		
20	QPSK	100	0	23.05	22.95	23.15		
20	16QAM	1	0	23.02	23.19	23.11	24.7	1
20	16QAM	1	49	22.98	23.18	23.12		
20	16QAM	1	99	23.02	23.23	23.10		
20	16QAM	50	0	22.04	22.29	22.12	23.7	2
20	16QAM	50	24	21.98	22.23	22.17		
20	16QAM	50	50	21.99	22.07	22.08		
20	16QAM	100	0	22.08	22.33	22.14		
20	64QAM	1	0	22.05	22.25	22.19	23.7	2
20	64QAM	1	49	21.93	22.26	22.08		
20	64QAM	1	99	22.08	22.16	22.12		
20	64QAM	50	0	21.12	21.20	21.18	22.7	3
20	64QAM	50	24	20.98	21.21	21.10		
20	64QAM	50	50	21.01	21.11	21.09		
20	64QAM	100	0	21.06	21.23	21.12		
20	256QAM	1	0	19.03	19.30	19.14	20.7	5
20	256QAM	1	49	19.02	19.26	19.15		
20	256QAM	1	99	18.93	19.10	19.12		
20	256QAM	50	0	19.07	19.29	19.30	20.7	5
20	256QAM	50	24	18.98	19.26	19.24		
20	256QAM	50	50	18.96	19.27	19.17		
20	256QAM	100	0	19.06	19.21	19.26		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.19	24.15	24.09	25.7	0
15	QPSK	1	37	23.93	24.14	24.03		
15	QPSK	1	74	23.96	24.07	24.04		
15	QPSK	36	0	23.00	23.26	23.01	24.7	1
15	QPSK	36	20	23.02	23.23	22.96		
15	QPSK	36	39	22.92	23.06	23.09		
15	QPSK	75	0	23.00	23.21	23.12		
15	16QAM	1	0	22.89	23.06	22.99	24.7	1
15	16QAM	1	37	22.94	23.16	23.08		
15	16QAM	1	74	22.96	23.20	22.97		
15	16QAM	36	0	21.96	22.27	22.05	23.7	2
15	16QAM	36	20	21.86	22.16	22.11		
15	16QAM	36	39	21.86	22.04	21.99		
15	16QAM	75	0	21.98	22.24	22.03		
15	64QAM	1	0	22.03	22.22	22.06	23.7	2
15	64QAM	1	37	21.82	22.16	21.99		
15	64QAM	1	74	21.97	22.04	22.03		
15	64QAM	36	0	21.00	21.14	21.14	22.7	3
15	64QAM	36	20	20.90	21.18	20.96		
15	64QAM	36	39	20.88	20.99	21.01		
15	64QAM	75	0	20.93	21.18	21.06		
15	256QAM	1	0	18.96	19.17	19.11	20.7	5
15	256QAM	1	37	18.89	19.12	19.01		
15	256QAM	1	74	18.90	19.06	19.10		
15	256QAM	36	0	18.99	19.27	19.26	20.7	5
15	256QAM	36	20	18.96	19.15	19.12		
15	256QAM	36	39	18.84	19.16	19.05		
15	256QAM	75	0	19.00	19.15	19.24		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.11	24.24	24.12	25.7	0
10	QPSK	1	25	23.95	24.19	23.99		
10	QPSK	1	49	23.93	24.02	24.01		
10	QPSK	25	0	23.00	23.26	23.02	24.7	1
10	QPSK	25	12	22.95	23.19	22.99		
10	QPSK	25	25	22.96	22.96	23.05		
10	QPSK	50	0	22.93	23.15	23.12		
10	16QAM	1	0	22.91	23.05	22.97	24.7	1
10	16QAM	1	25	22.88	23.05	23.02		
10	16QAM	1	49	22.99	23.11	23.06		
10	16QAM	25	0	21.98	22.18	22.07	23.7	2
10	16QAM	25	12	21.91	22.10	22.11		
10	16QAM	25	25	21.97	21.98	21.94		
10	16QAM	50	0	21.97	22.25	22.08		
10	64QAM	1	0	21.98	22.18	22.14	23.7	2
10	64QAM	1	25	21.81	22.14	22.01		
10	64QAM	1	49	21.94	22.02	22.04		
10	64QAM	25	0	20.91	21.16	21.10	22.7	3
10	64QAM	25	12	20.93	21.17	20.96		
10	64QAM	25	25	20.98	21.01	21.05		
10	64QAM	50	0	21.00	21.13	21.09		
10	256QAM	1	0	18.93	19.19	19.09	20.7	5
10	256QAM	1	25	18.96	19.14	19.10		
10	256QAM	1	49	18.80	19.07	19.08		
10	256QAM	25	0	18.97	19.20	19.26	20.7	5
10	256QAM	25	12	18.96	19.12	19.14		
10	256QAM	25	25	18.88	19.25	19.05		
10	256QAM	50	0	18.95	19.10	19.14		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.14	24.22	24.09	25.7	0
5	QPSK	1	12	23.84	24.17	24.08		
5	QPSK	1	24	23.92	24.04	23.98		
5	QPSK	12	0	22.96	23.27	23.00	24.7	1
5	QPSK	12	7	22.96	23.25	22.96		
5	QPSK	12	13	22.95	23.03	23.04		
5	QPSK	25	0	22.98	23.14	23.06		
5	16QAM	1	0	22.92	23.16	23.07	24.7	1
5	16QAM	1	12	22.88	23.12	23.07		
5	16QAM	1	24	22.89	23.20	22.99		
5	16QAM	12	0	21.98	22.16	22.09	23.7	2
5	16QAM	12	7	21.96	22.10	22.07		
5	16QAM	12	13	21.98	22.22	21.97		
5	16QAM	25	0	21.95	22.25	22.11		
5	64QAM	1	0	21.95	22.20	22.12	23.7	2
5	64QAM	1	12	21.82	22.19	22.03		
5	64QAM	1	24	22.00	22.17	21.99		
5	64QAM	12	0	20.99	21.18	21.07	22.7	3
5	64QAM	12	7	20.86	21.28	20.99		
5	64QAM	12	13	20.96	21.02	21.04		
5	64QAM	25	0	20.96	21.17	21.05		
5	256QAM	1	0	18.97	19.21	19.02	20.7	5
5	256QAM	1	12	18.90	19.23	19.10		
5	256QAM	1	24	18.80	18.97	19.04		
5	256QAM	12	0	18.92	19.18	19.12	20.7	5
5	256QAM	12	7	18.88	19.19	19.19		
5	256QAM	12	13	18.91	19.18	19.14		
5	256QAM	25	0	18.99	19.18	19.16		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.19	24.17	24.16	25.7	0
3	QPSK	1	8	23.85	24.12	24.05		
3	QPSK	1	14	23.91	24.03	23.98		
3	QPSK	8	0	22.99	23.25	22.96	24.7	1
3	QPSK	8	4	22.95	23.17	23.03		
3	QPSK	8	7	22.88	22.97	23.07		
3	QPSK	15	0	23.00	23.14	23.06		
3	16QAM	1	0	22.95	23.13	23.01	24.7	1
3	16QAM	1	8	22.88	23.13	23.08		
3	16QAM	1	14	22.92	23.18	23.07		
3	16QAM	8	0	21.99	22.23	22.04	23.7	2
3	16QAM	8	4	21.91	22.19	22.11		
3	16QAM	8	7	21.93	22.01	22.00		
3	16QAM	15	0	21.96	22.24	22.06		
3	64QAM	1	0	21.92	22.20	22.14	23.7	2
3	64QAM	1	8	21.89	22.24	22.06		
3	64QAM	1	14	21.96	22.05	22.01		
3	64QAM	8	0	21.09	21.15	21.06	22.7	3
3	64QAM	8	4	20.95	21.17	21.01		
3	64QAM	8	7	20.91	21.09	21.03		
3	64QAM	15	0	21.00	21.18	21.07		
3	256QAM	1	0	18.91	19.27	19.08	20.7	5
3	256QAM	1	8	18.89	19.19	19.03		
3	256QAM	1	14	18.91	19.03	19.08		
3	256QAM	8	0	18.94	19.20	19.20	20.7	5
3	256QAM	8	4	18.94	19.23	19.15		
3	256QAM	8	7	18.83	19.25	19.12		
3	256QAM	15	0	18.95	19.17	19.14		
Channel				19857	20175	20493	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.16	24.18	24.13	25.7	0
1.4	QPSK	1	3	23.94	24.21	24.07		
1.4	QPSK	1	5	23.94	24.08	23.98		
1.4	QPSK	3	0	24.08	24.14	24.07		
1.4	QPSK	3	1	23.91	24.08	23.98		
1.4	QPSK	3	3	23.88	24.04	23.92		
1.4	QPSK	6	0	22.95	23.17	23.01	25.2	0.5
1.4	16QAM	1	0	22.95	23.07	23.07	25.2	0.5
1.4	16QAM	1	3	22.87	23.09	23.07		
1.4	16QAM	1	5	22.88	23.19	23.06		
1.4	16QAM	3	0	22.84	23.05	22.94		
1.4	16QAM	3	1	22.86	23.01	23.04		
1.4	16QAM	3	3	22.77	23.02	23.02		
1.4	16QAM	6	0	22.00	22.24	22.01	24.2	1.5
1.4	64QAM	1	0	21.97	22.17	22.13	24.2	1.5
1.4	64QAM	1	3	21.81	22.18	21.95		
1.4	64QAM	1	5	22.00	22.10	22.10		
1.4	64QAM	3	0	21.95	22.12	21.94		
1.4	64QAM	3	1	21.83	22.03	22.10		
1.4	64QAM	3	3	21.79	22.14	21.93		
1.4	64QAM	6	0	20.95	21.11	21.08	23.2	2.5
1.4	256QAM	1	0	19.00	19.16	19.06	21.2	4.5
1.4	256QAM	1	3	18.95	19.12	19.03		
1.4	256QAM	1	5	18.96	19.02	19.00		
1.4	256QAM	3	0	19.00	19.17	19.28		
1.4	256QAM	3	1	18.89	19.16	19.19		
1.4	256QAM	3	3	18.92	19.14	19.06		
1.4	256QAM	6	0	19.03	19.13	19.12	21.2	4.5

Band 7 Ant 2 DSI4

BW [MHz]	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	23.96	24.05	24.03	25.5	0
20	QPSK	1	49	23.94	23.99	23.91		
20	QPSK	1	99	23.90	23.92	23.97		
20	QPSK	50	0	22.95	23.10	23.07	24.5	1
20	QPSK	50	24	22.93	22.95	22.91		
20	QPSK	50	50	22.86	22.90	22.96		
20	QPSK	100	0	22.94	23.00	23.00		
20	16QAM	1	0	23.00	23.05	23.07	24.5	1
20	16QAM	1	49	22.94	23.02	22.92		
20	16QAM	1	99	22.96	22.90	22.93		
20	16QAM

Band 2 Ant 3 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.17	24.22	24.15	25.5	0
20	QPSK	1	49	24.06	24.19	24.11		
20	QPSK	1	99	24.07	24.22	24.09		
20	QPSK	50	0	23.17	23.26	23.17		
20	QPSK	50	24	23.06	23.22	23.10	24.5	1
20	QPSK	50	50	23.06	23.19	23.04		
20	QPSK	100	0	23.16	23.22	23.11		
20	16QAM	1	0	23.15	23.21	23.16		
20	16QAM	1	49	23.08	23.16	23.15	24.5	1
20	16QAM	1	99	23.08	23.12	23.01		
20	16QAM	50	0	22.19	22.31	22.21		
20	16QAM	50	24	22.10	22.18	22.12	23.5	2
20	16QAM	50	50	22.08	22.19	21.99		
20	16QAM	100	0	22.15	22.29	22.10		
20	64QAM	1	0	22.16	22.20	22.11		
20	64QAM	1	49	22.11	22.19	22.20	23.5	2
20	64QAM	1	99	22.08	22.06	21.97		
20	64QAM	50	0	21.17	21.29	21.16		
20	64QAM	50	24	21.02	21.27	21.08	22.5	3
20	64QAM	50	50	21.02	21.20	21.03		
20	64QAM	100	0	21.18	21.23	21.09		
20	256QAM	1	0	19.21	19.28	19.20		
20	256QAM	1	49	19.00	19.21	19.08	20.5	5
20	256QAM	1	99	19.04	19.13	19.05		
20	256QAM	50	0	19.19	19.25	19.12		
20	256QAM	50	24	19.11	19.19	19.20	20.5	5
20	256QAM	50	50	19.08	19.12	19.17		
20	256QAM	100	0	19.10	19.12	19.06		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.14	24.12	24.01	25.5	0
15	QPSK	1	37	24.03	24.11	24.03		
15	QPSK	1	74	24.04	24.05	24.01		
15	QPSK	36	0	23.04	23.21	23.07	24.5	1
15	QPSK	36	20	22.98	23.17	23.03		
15	QPSK	36	39	22.95	23.12	22.99		
15	QPSK	75	0	23.09	23.15	23.08		
15	16QAM	1	0	23.02	23.08	23.09	24.5	1
15	16QAM	1	37	22.98	23.11	23.08		
15	16QAM	1	74	22.95	23.06	22.98		
15	16QAM	36	0	22.07	22.22	22.15	23.5	2
15	16QAM	36	20	22.00	22.11	22.00		
15	16QAM	36	39	21.96	22.12	21.90		
15	16QAM	75	0	22.10	22.24	21.97		
15	64QAM	1	0	22.10	22.14	22.08	23.5	2
15	64QAM	1	37	22.01	22.10	22.14		
15	64QAM	1	74	21.99	21.94	21.95		
15	64QAM	36	0	21.08	21.21	21.05	22.5	3
15	64QAM	36	20	20.97	21.21	21.06		
15	64QAM	36	39	20.96	21.17	20.93		
15	64QAM	75	0	21.04	21.15	21.02		
15	256QAM	1	0	19.17	19.18	19.17	20.5	5
15	256QAM	1	37	18.89	19.10	19.00		
15	256QAM	1	74	18.93	19.03	18.93		
15	256QAM	36	0	19.14	19.16	19.01	20.5	5
15	256QAM	36	20	19.04	19.07	19.15		
15	256QAM	36	39	18.94	18.99	18.95		
15	256QAM	75	0	18.98	19.02	18.96		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.07	24.16	24.13	25.5	0
10	QPSK	1	25	24.02	24.07	24.01		
10	QPSK	1	49	23.95	24.14	23.99		
10	QPSK	25	0	23.07	23.14	23.06	24.5	1
10	QPSK	25	12	22.99	23.18	23.04		
10	QPSK	25	25	22.92	23.07	22.98		
10	QPSK	50	0	23.14	23.14	22.99		
10	16QAM	1	0	23.08	23.18	23.10	24.5	1
10	16QAM	1	25	22.98	23.13	23.11		
10	16QAM	1	49	23.01	23.02	22.97		
10	16QAM	25	0	22.13	22.25	22.16	24.5	1
10	16QAM	25	12	22.05	22.08	22.01		
10	16QAM	25	25	22.04	22.11	21.95		
10	16QAM	50	0	22.04	22.23	21.99		
10	64QAM	1	0	22.09	22.21	21.98	23.5	2
10	64QAM	1	25	22.08	22.16	22.15		
10	64QAM	1	49	21.96	21.95	21.94		
10	64QAM	25	0	21.10	21.21	21.13	22.5	3
10	64QAM	25	12	20.95	21.25	20.98		
10	64QAM	25	25	21.00	21.14	20.96		
10	64QAM	50	0	21.06	21.14	21.02		
10	256QAM	1	0	19.11	19.22	19.11	20.5	5
10	256QAM	1	25	18.92	19.12	18.96		
10	256QAM	1	49	18.94	19.03	18.99		
10	256QAM	25	0	19.13	19.13	19.02	20.5	5
10	256QAM	25	12	18.98	19.17	19.16		
10	256QAM	25	25	19.02	19.08	19.13		
10	256QAM	50	0	19.01	19.08	18.94		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.04	24.14	24.09	25.5	0
5	QPSK	1	12	24.03	24.15	24.00		
5	QPSK	1	24	23.93	24.03	23.93		
5	QPSK	12	0	23.10	23.21	23.06	24.5	1
5	QPSK	12	7	22.92	23.12	23.03		
5	QPSK	12	13	23.03	23.10	22.95		
5	QPSK	25	0	23.11	23.19	23.01		
5	16QAM	1	0	23.05	23.16	23.08	24.5	1
5	16QAM	1	12	23.05	23.07	23.06		
5	16QAM	1	24	23.01	23.02	22.95		
5	16QAM	12	0	22.06	22.26	22.18	23.5	2
5	16QAM	12	7	22.08	22.07	22.08		
5	16QAM	12	13	21.97	22.12	21.89		
5	16QAM	25	0	22.12	22.27	22.04		
5	64QAM	1	0	22.02	22.19	22.00	23.5	2
5	64QAM	1	12	22.05	22.15	22.06		
5	64QAM	1	24	21.93	21.96	21.94		
5	64QAM	12	0	21.06	21.17	21.12	22.5	3
5	64QAM	12	7	20.88	21.22	21.04		
5	64QAM	12	13	20.89	21.13	20.91		
5	64QAM	25	0	21.07	21.17	20.98		
5	256QAM	1	0	19.11	19.17	19.07	20.5	5
5	256QAM	1	12	18.86	19.16	19.00		
5	256QAM	1	24	18.93	19.08	18.98		
5	256QAM	12	0	19.09	19.22	19.08	20.5	5
5	256QAM	12	7	19.06	19.14	19.16		
5	256QAM	12	13	19.03	19.06	19.06		
5	256QAM	25	0	19.08	19.03	18.93		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.08	24.15	24.11	25.5	0
3	QPSK	1	8	23.99	24.06	24.02		
3	QPSK	1	14	24.02	24.05	23.97		
3	QPSK	8	0	23.15	23.22	23.14	24.5	1
3	QPSK	8	4	23.03	23.10	22.97		
3	QPSK	8	7	22.92	23.11	23.01		
3	QPSK	15	0	23.03	23.18	23.01		
3	16QAM	1	0	23.00	23.18	23.06	24.5	1
3	16QAM	1	8	23.00	23.10	23.11		
3	16QAM	1	14	22.95	23.01	22.88		
3	16QAM	8	0	22.07	22.24	22.14	23.5	2
3	16QAM	8	4	22.04	22.15	22.09		
3	16QAM	8	7	22.04	22.09	21.96		
3	16QAM	15	0	22.02	22.24	22.03		
3	64QAM	1	0	22.06	22.19	21.97	23.5	2
3	64QAM	1	8	22.02	22.16	22.11		
3	64QAM	1	14	21.96	21.93	21.86		
3	64QAM	8	0	21.05	21.17	21.09	22.5	3
3	64QAM	8	4	20.93	21.15	21.04		
3	64QAM	8	7	20.91	21.07	20.92		
3	64QAM	15	0	21.14	21.09	21.05		
3	256QAM	1	0	19.14	19.25	19.13	20.5	5
3	256QAM	1	8	18.86	19.16	18.94		
3	256QAM	1	14	18.98	19.09	19.00		
3	256QAM	8	0	19.11	19.21	19.00	20.5	5
3	256QAM	8	4	19.03	19.16	19.10		
3	256QAM	8	7	19.05	19.07	19.09		
3	256QAM	15	0	19.02	19.06	18.95		
Channel				18507	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.13	24.13	24.03	25.5	0
1.4	QPSK	1	3	24.00	24.09	23.97		
1.4	QPSK	1	5	23.96	24.05	24.00		
1.4	QPSK	3	0	24.06	24.05	23.90		
1.4	QPSK	3	1	23.95	24.01	23.87		
1.4	QPSK	3	3	23.92	24.00	23.88		
1.4	QPSK	6	0	23.07	23.17	23.03	24.5	1
1.4	16QAM	1	0	23.02	23.16	23.05	24.5	1
1.4	16QAM	1	3	23.00	23.07	23.03		
1.4	16QAM	1	5	22.95	23.08	22.94		
1.4	16QAM	3	0	22.93	23.06	22.98		
1.4	16QAM	3	1	22.95	23.04	23.03		
1.4	16QAM	3	3	22.93	22.94	22.91		
1.4	16QAM	6	0	22.04	22.16	22.01	23.5	2
1.4	64QAM	1	0	22.09	22.16	21.98	23.5	2
1.4	64QAM	1	3	21.99	22.10	22.11		
1.4	64QAM	1	5	21.97	21.97	21.87		
1.4	64QAM	3	0	21.92	22.04	21.93		
1.4	64QAM	3	1	22.01	22.02	21.91		
1.4	64QAM	3	3	21.87	22.05	22.08		
1.4	64QAM	6	0	21.05	21.18	21.02	22.5	3
1.4	256QAM	1	0	19.18	19.18	19.12	20.5	5
1.4	256QAM	1	3	18.91	19.10	18.99		
1.4	256QAM	1	5	18.92	19.11	18.98		
1.4	256QAM	3	0	19.12	19.16	19.01		
1.4	256QAM	3	1	19.01	19.14	19.08		
1.4	256QAM	3	3	19.04	18.99	19.08		
1.4	256QAM	6	0	19.03	19.04	19.04	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	25.06	25.17	25.10	25.7	0
20	QPSK	1	49	25.03	25.12	25.06		
20	QPSK	1	99	25.00	25.09	25.04		
20	QPSK	50	0	24.11	24.22	24.11	24.7	1
20	QPSK	50	24	23.99	24.15	24.06		
20	QPSK	50	50	23.95	24.13	24.06		
20	QPSK	100	0	24.02	24.19	24.13		
20	16QAM	1	0	24.11	24.17	24.08		
20	16QAM	1	49	24.04	24.14	24.08		
20	16QAM	1	99	24.02	24.11	24.10		
20	16QAM	50	0	23.12	23.19	23.14	23.7	2
20	16QAM	50	24	23.04	23.13	23.01		
20	16QAM	50	50	22.97	23.10	23.02		
20	16QAM	100	0	23.08	23.19	23.11		
20	64QAM	1	0	23.11	23.20	23.09	23.7	2
20	64QAM	1	49	23.05	23.18	23.09		
20	64QAM	1	99	22.98	23.11	23.11		
20	64QAM	50	0	22.13	22.23	22.12	22.7	3
20	64QAM	50	24	22.00	22.16	22.04		
20	64QAM	50	50	21.95	22.08	22.04		
20	64QAM	100	0	22.06	22.16	22.12		
20	256QAM	1	0	20.14	20.18	20.09	20.7	5
20	256QAM	1	49	19.95	20.17	20.09		
20	256QAM	1	99	19.93	20.13	20.02		
20	256QAM	50	0	20.02	20.15	20.10	20.7	5
20	256QAM	50	24	20.16	20.13	20.11		
20	256QAM	50	50	20.00	20.13	20.04		
20	256QAM	100	0	20.05	20.17	20.15		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.96	25.05	25.00	25.7	0
15	QPSK	1	37	24.98	25.03	24.94		
15	QPSK	1	74	24.87	25.02	24.93		
15	QPSK	36	0	24.00	24.13	24.01	24.7	1
15	QPSK	36	20	23.95	24.09	23.93		
15	QPSK	36	39	23.85	24.04	23.97		
15	QPSK	75	0	24.03	24.07	24.09		
15	16QAM	1	0	24.00	24.08	24.04	24.7	1
15	16QAM	1	37	24.00	24.02	23.98		
15	16QAM	1	74	23.91	24.02	24.00		
15	16QAM	36	0	23.07	23.13	23.00	23.7	2
15	16QAM	36	20	22.90	23.02	22.88		
15	16QAM	36	39	22.94	23.01	22.96		
15	16QAM	75	0	22.94	23.08	23.05		
15	64QAM	1	0	23.02	23.11	23.05	23.7	2
15	64QAM	1	37	22.98	23.15	23.01		
15	64QAM	1	74	22.88	23.09	22.99		
15	64QAM	36	0	22.00	22.21	21.99	22.7	3
15	64QAM	36	20	21.94	22.10	21.95		
15	64QAM	36	39	21.82	21.96	21.94		
15	64QAM	75	0	21.94	22.06	22.08		
15	256QAM	1	0	20.11	20.12	20.07	20.7	5
15	256QAM	1	37	19.86	20.14	20.07		
15	256QAM	1	74	19.87	20.00	19.92		
15	256QAM	36	0	19.99	20.07	20.00	20.7	5
15	256QAM	36	20	20.12	20.03	20.05		
15	256QAM	36	39	19.96	20.10	19.95		
15	256QAM	75	0	19.96	20.10	20.04		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	25.00	25.13	25.06	25.7	0
10	QPSK	1	25	24.91	25.04	25.02		
10	QPSK	1	49	24.93	24.99	24.97		
10	QPSK	25	0	24.00	24.14	24.02	24.7	1
10	QPSK	25	12	23.95	24.08	24.02		
10	QPSK	25	25	23.86	24.02	24.03		
10	QPSK	50	0	23.96	24.12	24.08		
10	16QAM	1	0	24.04	24.06	24.04	24.7	1
10	16QAM	1	25	23.96	24.00	24.01		
10	16QAM	1	49	23.97	24.06	24.06		
10	16QAM	25	0	23.05	23.06	23.01	23.7	2
10	16QAM	25	12	22.90	23.01	22.97		
10	16QAM	25	25	22.85	23.01	22.90		
10	16QAM	50	0	22.98	23.08	23.05		
10	64QAM	1	0	22.98	23.13	22.98	23.7	2
10	64QAM	1	25	23.00	23.09	23.07		
10	64QAM	1	49	22.87	22.98	23.03		
10	64QAM	25	0	22.08	22.13	22.08	22.7	3
10	64QAM	25	12	21.92	22.11	21.94		
10	64QAM	25	25	21.87	21.97	21.92		
10	64QAM	50	0	21.96	22.05	22.03		
10	256QAM	1	0	20.08	20.08	20.02	20.7	5
10	256QAM	1	25	19.84	20.06	20.01		
10	256QAM	1	49	19.91	20.02	19.89		
10	256QAM	25	0	19.93	20.11	19.99	20.7	5
10	256QAM	25	12	19.98	20.01	20.08		
10	256QAM	25	25	19.97	20.08	19.93		
10	256QAM	50	0	19.99	20.04	20.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.98	25.05	25.03	25.7	0
5	QPSK	1	12	24.90	25.04	24.96		
5	QPSK	1	24	24.95	25.02	24.99		
5	QPSK	12	0	24.02	24.08	24.04	24.7	1
5	QPSK	12	7	23.96	24.06	24.02		
5	QPSK	12	13	23.91	24.10	23.99		
5	QPSK	25	0	23.97	24.11	24.02		
5	16QAM	1	0	24.03	24.11	23.98	24.7	1
5	16QAM	1	12	23.90	24.00	24.05		
5	16QAM	1	24	23.97	24.08	24.02		
5	16QAM	12	0	23.02	23.12	23.08	23.7	2
5	16QAM	12	7	22.98	23.04	22.87		
5	16QAM	12	13	22.84	22.97	23.02		
5	16QAM	25	0	22.99	23.15	23.04		
5	64QAM	1	0	22.97	23.17	23.06	23.7	2
5	64QAM	1	12	22.94	23.12	23.02		
5	64QAM	1	24	22.89	22.99	23.08		
5	64QAM	12	0	22.10	22.13	22.04	22.7	3
5	64QAM	12	7	21.88	22.03	21.90		
5	64QAM	12	13	21.84	21.96	21.94		
5	64QAM	25	0	21.99	22.12	22.02		
5	256QAM	1	0	20.04	20.11	20.07	20.7	5
5	256QAM	1	12	19.82	20.05	19.98		
5	256QAM	1	24	19.90	20.01	19.98		
5	256QAM	12	0	19.97	20.11	19.98	20.7	5
5	256QAM	12	7	20.07	20.03	19.99		
5	256QAM	12	13	19.93	20.04	19.90		
5	256QAM	25	0	20.01	20.10	20.02		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.95	25.06	25.07	25.7	0
3	QPSK	1	8	24.94	25.03	24.94		
3	QPSK	1	14	24.92	25.06	24.95		
3	QPSK	8	0	24.03	24.14	24.01	24.7	1
3	QPSK	8	4	23.96	24.03	23.97		
3	QPSK	8	7	23.91	24.10	23.99		
3	QPSK	15	0	23.93	24.07	24.06		
3	16QAM	1	0	24.05	24.10	23.98	24.7	1
3	16QAM	1	8	23.92	24.01	24.01		
3	16QAM	1	14	23.95	24.08	24.01		
3	16QAM	8	0	23.01	23.09	23.10	23.7	2
3	16QAM	8	4	22.99	23.03	22.93		
3	16QAM	8	7	22.87	22.96	22.94		
3	16QAM	15	0	22.96	23.14	23.00	23.7	2
3	64QAM	1	0	23.07	23.14	22.99		
3	64QAM	1	8	22.99	23.07	23.08		
3	64QAM	1	14	22.91	23.01	22.99		
3	64QAM	8	0	22.03	22.10	21.99	22.7	3
3	64QAM	8	4	21.97	22.13	21.91		
3	64QAM	8	7	21.88	22.05	22.00		
3	64QAM	15	0	22.04	22.13	22.08		
3	256QAM	1	0	20.00	20.11	20.02	20.7	5
3	256QAM	1	8	19.88	20.12	19.97		
3	256QAM	1	14	19.90	20.09	19.92		
3	256QAM	8	0	19.90	20.03	20.07	20.7	5
3	256QAM	8	4	20.12	20.10	20.06		
3	256QAM	8	7	19.92	20.07	19.91		
3	256QAM	15	0	19.92	20.11	20.04		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.92	25.03	24.99	25.7	0
1.4	QPSK	1	3	24.95	25.09	24.93		
1.4	QPSK	1	5	24.88	25.01	24.94		
1.4	QPSK	3	0	24.87	24.91	24.91		
1.4	QPSK	3	1	24.87	24.98	24.90		
1.4	QPSK	3	3	24.81	24.92	24.81		
1.4	QPSK	6	0	23.93	24.16	24.00	24.7	1
1.4	16QAM	1	0	24.03	24.08	24.01	24.7	1
1.4	16QAM	1	3	23.96	24.03	24.04		
1.4	16QAM	1	5	24.00	24.07	24.05		
1.4	16QAM	3	0	23.84	24.06	23.94		
1.4	16QAM	3	1	23.94	24.04	23.88		
1.4	16QAM	3	3	23.92	23.93	23.98		
1.4	16QAM	6	0	23.01	23.12	23.02	23.7	2
1.4	64QAM	1	0	22.97	23.15	23.05	23.7	2
1.4	64QAM	1	3	22.97	23.12	23.03		
1.4	64QAM	1	5	22.88	22.98	23.00		
1.4	64QAM	3	0	22.87	23.10	22.95	23.7	2
1.4	64QAM	3	1	22.89	23.11	22.98		
1.4	64QAM	3	3	22.89	23.06	22.97		
1.4	64QAM	6	0	21.97	22.08	22.00	22.7	3
1.4	256QAM	1	0	20.11	20.09	20.00	20.7	5
1.4	256QAM	1	3	19.91	20.13	19.98		
1.4	256QAM	1	5	19.83	20.07	19.93		
1.4	256QAM	3	0	19.97	20.05	20.08		
1.4	256QAM	3	1	20.14	20.11	20.00		
1.4	256QAM	3	3	19.98	20.02	19.91		
1.4	256QAM	6	0	19.98	20.12	20.06	20.7	5

Band 7 Ant 3 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	25.08	25.10	25.02	25.7	0
20	QPSK	1	49	25.04	25.07	25.00		
20	QPSK	1	99	25.00	25.06	24.97		
20	QPSK	50	0	24.05	24.07	24.06	24.7	1
20	QPSK	50	24	24.00	24.03	23.95		
20	QPSK	50	50	24.01	24.07	23.94		
20	QPSK	100	0	24.06	24.06	24.05		
20	16QAM	1	0	24.06	24.05	24.06		
20	16QAM	1	49

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BW [MHz]	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	21.79	21.97	21.90	23.2	0
20	QPSK	1	49	21.71	21.90	21.79		
20	QPSK	1	99	21.77	21.84	21.75		
20	QPSK	50	0	21.75	21.93	21.82		
20	QPSK	50	24	21.60	21.78	21.72	23.2	0
20	QPSK	50	50	21.66	21.70	21.66		
20	QPSK	100	0	21.77	21.91	21.84		
20	16QAM	1	0	21.72	21.89	21.84		
20	16QAM	1	49	21.61	21.81	21.70	23.2	0
20	16QAM	1	99	21.70	21.76	21.71		
20	16QAM	50	0	21.71	21.81	21.75		
20	16QAM	50	24	21.58	21.75	21.61	23.2	0
20	16QAM	50	50	21.54	21.59	21.57		
20	16QAM	100	0	21.72	21.83	21.73		
20	64QAM	1	0	21.62	21.81	21.75		
20	64QAM	1	49	21.51	21.75	21.60	23.2	0
20	64QAM	1	99	21.62	21.67	21.60		
20	64QAM	50	0	21.30	21.49	21.36		
20	64QAM	50	24	21.07	21.28	21.24	22.7	0.5
20	64QAM	50	50	21.18	21.24	21.11		
20	64QAM	100	0	21.22	21.44	21.31		
20	256QAM	1	0	19.21	19.41	19.27		
20	256QAM	1	49	19.11	19.28	19.18	20.7	2.5
20	256QAM	1	99	19.16	19.22	19.17		
20	256QAM	50	0	19.31	19.36	19.36		
20	256QAM	50	24	19.20	19.35	19.37	20.7	2.5
20	256QAM	50	50	19.12	19.30	19.23		
20	256QAM	100	0	19.25	19.28	19.18		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.67	21.91	21.78	23.2	0
15	QPSK	1	37	21.66	21.76	21.69		
15	QPSK	1	74	21.72	21.79	21.74		
15	QPSK	36	0	21.67	21.84	21.78		
15	QPSK	36	20	21.50	21.74	21.63	23.2	0
15	QPSK	36	39	21.57	21.68	21.57		
15	QPSK	75	0	21.69	21.83	21.72		
15	16QAM	1	0	21.59	21.80	21.81		
15	16QAM	1	37	21.49	21.75	21.58	23.2	0
15	16QAM	1	74	21.63	21.69	21.64		
15	16QAM	36	0	21.67	21.77	21.73		
15	16QAM	36	20	21.50	21.62	21.57	23.2	0
15	16QAM	36	39	21.42	21.50	21.45		
15	16QAM	75	0	21.67	21.72	21.62		
15	64QAM	1	0	21.60	21.76	21.63		
15	64QAM	1	37	21.46	21.62	21.48	23.2	0
15	64QAM	1	74	21.57	21.60	21.54		
15	64QAM	36	0	21.24	21.43	21.28		
15	64QAM	36	20	20.99	21.16	21.22	22.7	0.5
15	64QAM	36	39	21.08	21.12	21.00		
15	64QAM	75	0	21.14	21.31	21.21		
15	256QAM	1	0	19.15	19.36	19.16		
15	256QAM	1	37	19.06	19.26	19.06	20.7	2.5
15	256QAM	1	74	19.12	19.20	19.08		
15	256QAM	36	0	19.25	19.24	19.32		
15	256QAM	36	20	19.07	19.33	19.34	20.7	2.5
15	256QAM	36	39	19.06	19.23	19.11		
15	256QAM	75	0	19.15	19.23	19.13		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.72	21.86	21.78	23.2	0
10	QPSK	1	25	21.65	21.86	21.71		
10	QPSK	1	49	21.68	21.74	21.70		
10	QPSK	25	0	21.63	21.83	21.69		
10	QPSK	25	12	21.53	21.76	21.63	23.2	0
10	QPSK	25	25	21.55	21.58	21.52		
10	QPSK	50	0	21.68	21.84	21.77		
10	16QAM	1	0	21.68	21.84	21.73		
10	16QAM	1	25	21.57	21.71	21.57	23.2	0
10	16QAM	1	49	21.66	21.69	21.59		
10	16QAM	25	0	21.65	21.70	21.62		
10	16QAM	25	12	21.56	21.63	21.48	23.2	0
10	16QAM	25	25	21.44	21.54	21.49		
10	16QAM	50	0	21.61	21.74	21.70		
10	64QAM	1	0	21.55	21.71	21.67		
10	64QAM	1	25	21.41	21.70	21.54	23.2	0
10	64QAM	1	49	21.56	21.60	21.48		
10	64QAM	25	0	21.25	21.35	21.31		
10	64QAM	25	12	20.94	21.20	21.18	22.7	0.5
10	64QAM	25	25	21.06	21.18	20.99		
10	64QAM	50	0	21.11	21.42	21.20		
10	256QAM	1	0	19.17	19.34	19.17		
10	256QAM	1	25	19.01	19.18	19.14	20.7	2.5
10	256QAM	1	49	19.02	19.08	19.03		
10	256QAM	25	0	19.20	19.25	19.32		
10	256QAM	25	12	19.07	19.32	19.29	20.7	2.5
10	256QAM	25	25	19.04	19.17	19.09		
10	256QAM	50	0	19.20	19.20	19.06		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.70	21.93	21.81	23.2	0
5	QPSK	1	12	21.69	21.81	21.69		
5	QPSK	1	24	21.74	21.75	21.65		
5	QPSK	12	0	21.69	21.89	21.75		
5	QPSK	12	7	21.55	21.74	21.70	23.2	0
5	QPSK	12	13	21.54	21.57	21.62		
5	QPSK	25	0	21.73	21.86	21.75		
5	16QAM	1	0	21.69	21.85	21.73		
5	16QAM	1	12	21.57	21.72	21.61	23.2	0
5	16QAM	1	24	21.63	21.66	21.68		
5	16QAM	12	0	21.64	21.79	21.70		
5	16QAM	12	7	21.50	21.63	21.58	23.2	0
5	16QAM	12	13	21.41	21.48	21.45		
5	16QAM	25	0	21.64	21.75	21.68		
5	64QAM	1	0	21.57	21.74	21.63		
5	64QAM	1	12	21.45	21.64	21.53	23.2	0
5	64QAM	1	24	21.53	21.59	21.55		
5	64QAM	12	0	21.17	21.37	21.27		
5	64QAM	12	7	21.00	21.15	21.11	22.7	0.5
5	64QAM	12	13	21.09	21.14	21.04		
5	64QAM	25	0	21.13	21.41	21.24		
5	256QAM	1	0	19.08	19.38	19.24		
5	256QAM	1	12	19.02	19.26	19.05	20.7	2.5
5	256QAM	1	24	19.06	19.17	19.06		
5	256QAM	12	0	19.22	19.27	19.30		
5	256QAM	12	7	19.13	19.31	19.24	20.7	2.5
5	256QAM	12	13	19.04	19.23	19.09		
5	256QAM	25	0	19.13	19.15	19.07		
Channel				19925	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.72	21.91	21.80	23.2	0
3	QPSK	1	8	21.66	21.84	21.75		
3	QPSK	1	14	21.64	21.77	21.74		
3	QPSK	8	0	21.71	21.81	21.77		
3	QPSK	8	4	21.54	21.76	21.63	23.2	0
3	QPSK	8	7	21.56	21.58	21.56		
3	QPSK	15	0	21.71	21.78	21.70		
3	16QAM	1	0	21.66	21.78	21.81		
3	16QAM	1	8	21.50	21.71	21.62	23.2	0
3	16QAM	1	14	21.58	21.64	21.60		
3	16QAM	8	0	21.58	21.72	21.71		
3	16QAM	8	4	21.56	21.71	21.55	23.2	0
3	16QAM	8	7	21.46	21.48	21.48		
3	16QAM	15	0	21.66	21.73	21.63		
3	64QAM	1	0	21.50	21.72	21.61		
3	64QAM	1	8	21.49	21.69	21.49	23.2	0
3	64QAM	1	14	21.57	21.62	21.54		
3	64QAM	8	0	21.21	21.46	21.24		
3	64QAM	8	4	21.03	21.17	21.10	22.7	0.5
3	64QAM	8	7	21.11	21.21	21.05		
3	64QAM	15	0	21.16	21.35	21.24		
3	256QAM	1	0	19.09	19.27	19.17		
3	256QAM	1	8	19.05	19.15	19.10	20.7	2.5
3	256QAM	1	14	19.10	19.18	19.11		
3	256QAM	8	0	19.17	19.24	19.24		
3	256QAM	8	4	19.16	19.21	19.23	20.7	2.5
3	256QAM	8	7	18.99	19.19	19.19		
3	256QAM	15	0	19.23	19.22	19.10		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.69	21.92	21.82	23.2	0
1.4	QPSK	1	3	21.67	21.76	21.74		
1.4	QPSK	1	5	21.69	21.80	21.73		
1.4	QPSK	3	0	21.68	21.84	21.78		
1.4	QPSK	3	1	21.52	21.68	21.60		
1.4	QPSK	3	3	21.64	21.57	21.63		
1.4	QPSK	6	0	21.64	21.77	21.78	23.2	0
1.4	16QAM	1	0	21.60	21.77	21.76	23.2	0
1.4	16QAM	1	3	21.56	21.69	21.56		
1.4	16QAM	1	5	21.65	21.74	21.63		
1.4	16QAM	3	0	21.62	21.71	21.68		
1.4	16QAM	3	1	21.47	21.69	21.48		
1.4	16QAM	3	3	21.41	21.56	21.53		
1.4	16QAM	6	0	21.60	21.79	21.62	23.2	0
1.4	64QAM	1	0	21.52	21.77	21.64	23.2	0
1.4	64QAM	1	3	21.41	21.68	21.57		
1.4	64QAM	1	5	21.52	21.63	21.56		
1.4	64QAM	3	0	21.44	21.72	21.57		
1.4	64QAM	3	1	21.34	21.58	21.46		
1.4	64QAM	3	3	21.49	21.55	21.45		
1.4	64QAM	6	0	21.10	21.32	21.25	22.7	0.5
1.4	256QAM	1	0	19.07	19.32	19.15	20.7	2.5
1.4	256QAM	1	3	18.98	19.17	19.07		
1.4	256QAM	1	5	19.02	19.13	19.14		
1.4	256QAM	3	0	19.26	19.27	19.27		
1.4	256QAM	3	1	19.10	19.22	19.26		
1.4	256QAM	3	3	19.09	19.26	19.13		
1.4	256QAM	6	0	19.16	19.23	19.07	20.7	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.09	19.13	19.08	20.5	0
20	QPSK	1	49	19.06	19.03	18.90		
20	QPSK	1	99	19.04	19.06	18.94		
20	QPSK	50	0	19.07	19.07	18.98		
20	QPSK	50	24	18.97	18.95	18.84	20.5	0
20	QPSK	50	50	18.92	19.01	18.81		
20	QPSK	100	0	18.99	19.06	19.02		
20	16QAM	1	0	18.98	19.05	18.96		
20	16QAM	1	49	18.93	18.89	18.87	20.5	0
20	16QAM	1	99	18.91	18.98	18.88		
20	16QAM	50	0	18.99	19.10	18.95		
20	16QAM	50	24	18.94	18.95	18.80	20.5	0
20	16QAM	50	50	18.99	19.04	18.86		
20	16QAM	100	0	18.99	19.02	18.89		
20	64QAM	1	0	18.91	18.86	18.82		
20	64QAM	1	49	18.90	18.90	18.71	20.5	0
20	64QAM	1	99	18.88	18.94	18.95		
20	64QAM	50	0	18.96	19.04	18.99		
20	64QAM	50	24	19.04	18.96	18.86	20.5	0
20	64QAM	50	50	18.91	18.99	18.85		
20	64QAM	100	0	19.00	18.98	18.89		
20	256QAM	1	0	18.96	19.08	18.96		
20	256QAM	1	49	19.00	18.99	18.86	20.5	0
20	256QAM	1	99	18.91	18.95	18.86		
20	256QAM	50	0	19.04	18.96	18.89		
20	256QAM	50	24	18.89	18.88	18.80	20.5	0
20	256QAM	50	50	18.83	18.94	18.74		
20	256QAM	100	0	18.93	18.92	18.92		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.02	19.03	18.95	20.5	0
15	QPSK	1	37	18.93	18.89	18.76		
15	QPSK	1	74	18.96	18.97	18.86		
15	QPSK	36	0	18.93	18.93	18.96		
15	QPSK	36	20	18.89	18.81	18.77	20.5	0
15	QPSK	36	39	18.80	18.98	18.70		
15	QPSK	75	0	18.94	19.00	18.94		
15	16QAM	1	0	18.85	19.02	18.85		
15	16QAM	1	37	18.89	18.85	18.84	20.5	0
15	16QAM	1	74	18.78	18.94	18.84		
15	16QAM	36	0	18.86	19.04	18.84		
15	16QAM	36	20	18.88	18.92	18.66	20.5	0
15	16QAM	36	39	18.93	19.01	18.83		
15	16QAM	75	0	18.94	18.89	18.85		
15	64QAM	1	0	18.84	18.82	18.74		
15	64QAM	1	37	18.87	18.80	18.57	20.5	0
15	64QAM	1	74	18.81	18.83	18.90		
15	64QAM	36	0	18.86	18.95	18.97		
15	64QAM	36	20	19.00	18.85	18.83	20.5	0
15	64QAM	36	39	18.89	18.95	18.77		
15	64QAM	75	0	18.88	18.96	18.76		
15	256QAM	1	0	18.89	18.94	18.87		
15	256QAM	1	37	18.89	18.85	18.74	20.5	0
15	256QAM	1	74	18.82	18.87	18.77		
15	256QAM	36	0	19.00	18.93	18.85		
15	256QAM	36	20	18.79	18.78	18.71	20.5	0
15	256QAM	36	39	18.71	18.87	18.63		
15	256QAM	75	0	18.79	18.90	18.84		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.00	19.05	18.98	20.5	0
10	QPSK	1	25	18.98	18.99	18.86		
10	QPSK	1	49	18.95	18.94	18.81		
10	QPSK	25	0	19.03	19.04	18.93		
10	QPSK	25	12	18.85	18.91	18.77	20.5	0
10	QPSK	25	25	18.82	18.86	18.69		
10	QPSK	50	0	18.85	18.95	18.92		
10	16QAM	1	0	18.94	18.99	18.86		
10	16QAM	1	25	18.81	18.79	18.84	20.5	0
10	16QAM	1	49	18.88	18.95	18.79		
10	16QAM	25	0	18.92	19.07	18.86		
10	16QAM	25	12	18.85	18.90	18.68	20.5	0
10	16QAM	25	25	18.92	18.91	18.73		
10	16QAM	50	0	18.88	18.94	18.81		
10	64QAM	1	0	18.77	18.72	18.73		
10	64QAM	1	25	18.82	18.82	18.68	20.5	0
10	64QAM	1	49	18.82	18.91	18.83		
10	64QAM	25	0	18.93	18.96	18.91		
10	64QAM	25	12	18.93	18.94	18.84	20.5	0
10	64QAM	25	25	18.86	18.96	18.81		
10	64QAM	50	0	18.91	18.85	18.79		
10	256QAM	1	0	18.84	19.04	18.83		
10	256QAM	1	25	18.95	18.95	18.76	20.5	0
10	256QAM	1	49	18.85	18.86	18.82		
10	256QAM	25	0	19.01	18.86	18.81		
10	256QAM	25	12	18.81	18.96	18.71	20.5	0
10	256QAM	25	25	18.70	18.91	18.68		
10	256QAM	50	0	18.84	18.87	18.88		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.99	19.04	19.01	20.5	0
5	QPSK	1	12	18.99	18.96	18.85		
5	QPSK	1	24	18.98	18.93	18.89		
5	QPSK	12	0	19.04	18.98	18.87	20.5	0
5	QPSK	12	7	18.92	18.84	18.71		
5	QPSK	12	13	18.88	18.95	18.74		
5	QPSK	25	0	18.87	18.93	19.00		
5	16QAM	1	0	18.93	18.97	18.89		
5	16QAM	1	12	18.84	18.80	18.85	20.5	0
5	16QAM	1	24	18.86	18.88	18.85		
5	16QAM	12	0	18.96	19.03	18.89		
5	16QAM	12	7	18.90	18.91	18.71	20.5	0
5	16QAM	12	13	18.82	18.84	18.73		
5	16QAM	25	0	18.95	18.93	18.84		
5	64QAM	1	0	18.80	18.77	18.72		
5	64QAM	1	12	18.80	18.83	18.59	20.5	0
5	64QAM	1	24	18.88	18.88	18.92		
5	64QAM	12	0	18.84	18.94	18.87		
5	64QAM	12	7	18.92	18.83	18.78	20.5	0
5	64QAM	12	13	18.79	18.94	18.82		
5	64QAM	25	0	18.88	18.93	18.81		
5	256QAM	1	0	18.93	19.05	18.91		
5	256QAM	1	12	18.95	18.86	18.81	20.5	0
5	256QAM	1	24	18.87	18.81	18.80		
5	256QAM	12	0	18.99	18.85	18.82		
5	256QAM	12	7	18.78	18.86	18.73	20.5	0
5	256QAM	12	13	18.75	18.89	18.64		
5	256QAM	25	0	18.88	18.90	18.82		

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BW [MHz]	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	21.97	22.05	22.02	23.2	0
20	QPSK	1	49	21.89	21.93	21.96		
20	QPSK	1	99	21.85	21.89	21.90		
20	QPSK	50	0	21.86	21.96	21.92		
20	QPSK	50	24	21.76	21.81	21.85	23.2	0
20	QPSK	50	50	21.78	21.84	21.80		
20	QPSK	100	0	21.87	21.92	21.91		
20	16QAM	1	0	21.86	21.95	21.94		
20	16QAM	1	49	21.80	21.90	21.94	23.2	0
20	16QAM	1	99	21.71	21.76	21.86		
20	16QAM	50	0	21.77	21.93	21.83		
20	16QAM	50	24	21.66	21.74	21.73	23.2	0
20	16QAM	50	50	21.73	21.81	21.75		
20	16QAM	100	0	21.79	21.82	21.84		
20	64QAM	1	0	21.83	21.91	21.83		
20	64QAM	1	49	21.73	21.85	21.91	23.2	0
20	64QAM	1	99	21.57	21.71	21.79		
20	64QAM	50	0	21.42	21.40	21.39		
20	64QAM	50	24	21.29	21.31	21.40	22.7	0.5
20	64QAM	50	50	21.32	21.35	21.26		
20	64QAM	100	0	21.35	21.43	21.46		
20	256QAM	1	0	19.34	19.42	19.40		
20	256QAM	1	49	19.26	19.28	19.40	20.7	2.5
20	256QAM	1	99	19.30	19.28	19.29		
20	256QAM	50	0	19.36	19.40	19.37		
20	256QAM	50	24	19.40	19.46	19.49	20.7	2.5
20	256QAM	50	50	19.25	19.46	19.44		
20	256QAM	100	0	19.18	19.29	19.32		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.91	21.95	21.88	23.2	0
15	QPSK	1	37	21.82	21.85	21.90		
15	QPSK	1	74	21.78	21.77	21.82		
15	QPSK	36	0	21.72	21.88	21.84		
15	QPSK	36	20	21.64	21.67	21.74	23.2	0
15	QPSK	36	39	21.67	21.77	21.77		
15	QPSK	75	0	21.74	21.79	21.86		
15	16QAM	1	0	21.78	21.87	21.83		
15	16QAM	1	37	21.74	21.85	21.86	23.2	0
15	16QAM	1	74	21.69	21.74	21.76		
15	16QAM	36	0	21.65	21.81	21.73		
15	16QAM	36	20	21.63	21.64	21.61	23.2	0
15	16QAM	36	39	21.62	21.77	21.72		
15	16QAM	75	0	21.74	21.79	21.73		
15	64QAM	1	0	21.77	21.82	21.71		
15	64QAM	1	37	21.64	21.80	21.83	23.2	0
15	64QAM	1	74	21.46	21.66	21.66		
15	64QAM	36	0	21.31	21.33	21.27		
15	64QAM	36	20	21.27	21.23	21.36	22.7	0.5
15	64QAM	36	39	21.28	21.22	21.22		
15	64QAM	75	0	21.24	21.34	21.43		
15	256QAM	1	0	19.22	19.33	19.32		
15	256QAM	1	37	19.16	19.24	19.38	20.7	2.5
15	256QAM	1	74	19.19	19.17	19.25		
15	256QAM	36	0	19.25	19.27	19.23		
15	256QAM	36	20	19.27	19.33	19.38	20.7	2.5
15	256QAM	36	39	19.21	19.33	19.34		
15	256QAM	75	0	19.10	19.25	19.30		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.84	21.98	21.94	23.2	0
10	QPSK	1	25	21.80	21.91	21.92		
10	QPSK	1	49	21.74	21.81	21.83		
10	QPSK	25	0	21.76	21.91	21.89		
10	QPSK	25	12	21.66	21.68	21.78	23.2	0
10	QPSK	25	25	21.70	21.81	21.75		
10	QPSK	50	0	21.80	21.84	21.84		
10	16QAM	1	0	21.78	21.91	21.81		
10	16QAM	1	25	21.77	21.84

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BW [MHz]	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	24.18	24.20	24.16	25.5	0
20	QPSK	1	49	24.11	24.15	24.09		
20	QPSK	1	99	24.07	24.13	24.08		
20	QPSK	50	0	23.13	23.21	23.19	24.5	1
20	QPSK	50	24	23.10	23.09	23.06		
20	QPSK	50	50	23.01	23.13	23.13		
20	QPSK	100	0	23.17	23.18	23.18		
20	16QAM	1	0	23.17	23.16	23.13	24.5	1
20	16QAM	1	49	23.10	23.16	23.08		
20	16QAM	1	99	23.11	23.11	23.03		
20	16QAM	50	0	22.15	22.17	22.23	23.5	2
20	16QAM	50	24	22.05	22.13	22.03		
20	16QAM	50	50	22.00	22.12	22.10		
20	16QAM	100	0	22.16	22.19	22.18		
20	64QAM	1	0	22.17	22.14	22.15	23.5	2
20	64QAM	1	49	22.07	22.16	22.12		
20	64QAM	1	99	22.05	22.09	21.99		
20	64QAM	50	0	21.11	21.22	21.23	22.5	3
20	64QAM	50	24	21.12	21.14	21.05		
20	64QAM	50	50	21.03	21.14	21.14		
20	64QAM	100	0	21.16	21.16	21.22		
20	256QAM	1	0	19.12	19.23	19.20	20.5	5
20	256QAM	1	49	19.10	19.06	19.10		
20	256QAM	1	99	19.03	19.10	19.17		
20	256QAM	50	0	19.22	19.22	19.14	20.5	5
20	256QAM	50	24	19.14	19.14	19.13		
20	256QAM	50	50	19.15	19.10	19.07		
20	256QAM	100	0	19.05	19.10	19.05		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.07	24.11	24.05	25.5	0
15	QPSK	1	37	24.08	24.08	23.96		
15	QPSK	1	74	23.94	24.01	24.05		
15	QPSK	36	0	23.01	23.13	23.10	24.5	1
15	QPSK	36	20	23.03	22.97	23.03		
15	QPSK	36	39	22.94	23.10	23.10		
15	QPSK	75	0	23.07	23.07	23.13		
15	16QAM	1	0	23.14	23.08	23.09	24.5	1
15	16QAM	1	37	23.07	23.13	23.00		
15	16QAM	1	74	22.99	23.01	22.95		
15	16QAM	36	0	22.06	22.06	22.17	23.5	2
15	16QAM	36	20	21.99	22.01	21.97		
15	16QAM	36	39	21.89	21.99	22.03		
15	16QAM	75	0	22.12	22.15	22.14		
15	64QAM	1	0	22.12	22.02	22.07	23.5	2
15	64QAM	1	37	21.96	22.13	22.00		
15	64QAM	1	74	22.00	22.01	21.96		
15	64QAM	36	0	20.98	21.18	21.21	22.5	3
15	64QAM	36	20	21.04	21.05	20.91		
15	64QAM	36	39	20.93	21.03	21.05		
15	64QAM	75	0	21.10	21.04	21.14		
15	256QAM	1	0	19.06	19.16	19.14	20.5	5
15	256QAM	1	37	19.02	19.02	19.03		
15	256QAM	1	74	18.92	18.96	19.09		
15	256QAM	36	0	19.15	19.11	19.01	20.5	5
15	256QAM	36	20	19.05	19.02	19.04		
15	256QAM	36	39	19.01	19.00	19.05		
15	256QAM	75	0	18.98	19.01	18.98		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.15	24.18	24.06	25.5	0
10	QPSK	1	25	24.02	24.02	23.99		
10	QPSK	1	49	23.99	24.04	23.97		
10	QPSK	25	0	23.10	23.07	23.05	24.5	1
10	QPSK	25	12	23.07	23.00	22.94		
10	QPSK	25	25	22.88	23.07	23.01		
10	QPSK	50	0	23.03	23.13	23.07		
10	16QAM	1	0	23.10	23.06	23.00	24.5	1
10	16QAM	1	25	22.97	23.07	23.02		
10	16QAM	1	49	22.97	23.08	22.98		
10	16QAM	25	0	22.03	22.05	22.13	23.5	2
10	16QAM	25	12	21.97	22.00	21.95		
10	16QAM	25	25	21.87	22.06	21.99		
10	16QAM	50	0	22.11	22.07	22.06		
10	64QAM	1	0	22.12	22.05	22.03	23.5	2
10	64QAM	1	25	22.01	22.04	21.98		
10	64QAM	1	49	22.02	22.07	21.93		
10	64QAM	25	0	21.08	21.15	21.10	22.5	3
10	64QAM	25	12	21.06	21.10	20.91		
10	64QAM	25	25	20.92	21.12	21.05		
10	64QAM	50	0	21.05	21.03	21.12		
10	256QAM	1	0	19.06	19.12	19.10	20.5	5
10	256QAM	1	25	19.00	19.04	19.05		
10	256QAM	1	49	18.93	18.98	19.09		
10	256QAM	25	0	19.15	19.20	19.05	20.5	5
10	256QAM	25	12	19.02	19.10	19.07		
10	256QAM	25	25	19.10	18.98	18.96		
10	256QAM	50	0	18.93	18.98	18.94		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.09	24.18	24.13	25.5	0
5	QPSK	1	12	23.99	24.09	23.98		
5	QPSK	1	24	23.97	24.06	23.94		
5	QPSK	12	0	23.04	23.12	23.05	24.5	1
5	QPSK	12	7	22.97	22.98	22.94		
5	QPSK	12	13	22.90	23.04	23.01		
5	QPSK	25	0	23.07	23.16	23.10		
5	16QAM	1	0	23.04	23.08	23.03	24.5	1
5	16QAM	1	12	22.99	23.03	23.00		
5	16QAM	1	24	22.99	23.06	23.00		
5	16QAM	12	0	22.07	22.05	22.17	23.5	2
5	16QAM	12	7	21.96	22.05	21.99		
5	16QAM	12	13	21.97	22.09	21.97		
5	16QAM	25	0	22.09	22.07	22.05		
5	64QAM	1	0	22.05	22.12	22.06	23.5	2
5	64QAM	1	12	21.98	22.04	21.99		
5	64QAM	1	24	22.00	22.01	21.87		
5	64QAM	12	0	21.04	21.08	21.20	22.5	3
5	64QAM	12	7	21.02	21.00	20.97		
5	64QAM	12	13	20.94	21.01	21.04		
5	64QAM	25	0	21.06	21.03	21.15		
5	256QAM	1	0	19.04	19.13	19.15	20.5	5
5	256QAM	1	12	19.00	19.03	19.06		
5	256QAM	1	24	19.01	18.97	19.13		
5	256QAM	12	0	19.18	19.18	19.12	20.5	5
5	256QAM	12	7	19.06	19.03	19.00		
5	256QAM	12	13	19.08	19.07	19.00		
5	256QAM	25	0	18.98	19.06	18.97		

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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	24.11	24.14	24.15	24.03	23.99	25.5	0
20	QPSK	1	49	24.02	24.08	24.12	24.00	23.87		
20	QPSK	1	99	23.99	24.01	24.08	23.99	23.95		
20	QPSK	50	0	23.16	23.16	23.17	23.00	22.94	24.5	1
20	QPSK	50	24	22.97	23.07	23.13	22.97	22.85		
20	QPSK	50	50	22.96	23.02	23.09	22.97	22.91		
20	QPSK	100	0	23.14	23.10	23.13	23.02	22.95		
20	16QAM	1	0	23.13	23.14	23.12	23.03	22.98	24.5	1
20	16QAM	1	49	23.07	23.12	23.11	23.00	22.91		
20	16QAM	1	99	23.02	23.02	23.02	22.97	22.89		
20	16QAM	50	0	22.16	22.11	22.16	22.06	21.94	23.5	2
20	16QAM	50	24	21.96	22.01	22.15	21.98	21.82		
20	16QAM	50	50	21.94	21.96	22.08	21.96	21.89		
20	16QAM	100	0	22.17	22.08	22.13	21.98	21.99		
20	64QAM	1	0	22.12	22.18	22.12	21.98	21.94	23.5	2
20	64QAM	1	49	22.11	22.08	22.14	22.03	21.89		
20	64QAM	1	99	22.06	22.07	21.97	21.95	21.91		
20	64QAM	50	0	21.19	21.12	21.20	20.96	20.93	22.5	3
20	64QAM	50	24	20.93	21.08	21.09	20.98	20.90		
20	64QAM	50	50	20.96	21.03	21.10	20.92	20.93		
20	64QAM	100	0	21.16	21.14	21.12	21.05	20.97		
20	256QAM	1	0	19.17	19.19	19.22	19.04	18.94	20.5	5
20	256QAM	1	49	19.01	19.05	19.09	18.94	18.82		
20	256QAM	1	99	18.96	18.99	19.09	19.03	18.95		
20	256QAM	50	0	19.09	19.06	19.15	19.04	18.97	20.5	5
20	256QAM	50	24	19.14	19.17	19.13	19.05	18.95		
20	256QAM	50	50	19.12	19.07	19.11	18.97	18.88		
20	256QAM	100	0	18.98	19.02	19.00	18.96	18.94		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.98	24.04	24.03	24.00	23.93	25.50	0
15	QPSK	1	37	23.99	24.02	24.08	23.93	23.78		
15	QPSK	1	74	23.91	23.98	23.98	23.94	23.82		
15	QPSK	36	0	23.06	23.11	23.10	22.87	22.87	24.5	1
15	QPSK	36	20	22.89	22.99	23.03	22.92	22.81		
15	QPSK	36	39	22.93	22.96	22.95	22.87	22.86		
15	QPSK	75	0	23.01	23.05	23.06	22.91	22.89		
15	16QAM	1	0	23.06	23.01	23.02	22.98	22.88	24.5	1
15	16QAM	1	37	22.94	22.99	22.98	22.87	22.80		
15	16QAM	1	74	22.92	23.00	22.92	22.93	22.81		
15	16QAM	36	0	22.06	21.98	22.13	21.93	21.88	23.5	2
15	16QAM	36	20	21.92	21.98	22.05	21.93	21.70		
15	16QAM	36	39	21.82	21.87	22.02	21.92	21.75		
15	16QAM	75	0	22.14	21.97	22.01	21.87	21.90		
15	64QAM	1	0	22.09	22.05	22.00	21.95	21.88	23.5	2
15	64QAM	1	37	22.06	21.99	22.12	21.90	21.77		
15	64QAM	1	74	21.94	22.01	21.89	21.91	21.81		
15	64QAM	36	0	21.10	21.01	21.17	20.93	20.85	22.5	3
15	64QAM	36	20	20.88	20.99	21.06	20.93	20.81		
15	64QAM	36	39	20.88	20.92	21.05	20.81	20.82		
15	64QAM	75	0	21.04	21.07	21.06	20.97	20.90		
15	256QAM	1	0	19.03	19.07	19.12	18.99	18.84	20.5	5
15	256QAM	1	37	18.91	18.97	18.98	18.87	18.71		
15	256QAM	1	74	18.93	18.94	18.98	19.01	18.91		
15	256QAM	36	0	19.00	18.93	19.11	18.95	18.94	20.5	5
15	256QAM	36	20	19.10	19.04	19.05	19.02	18.85		
15	256QAM	36	39	18.99	18.98	19.08	18.91	18.82		
15	256QAM	75	0	18.87	18.97	18.88	18.90	18.82		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.07	24.04	24.05	23.95	23.90	25.50	0
10	QPSK	1	25	23.95	24.04	24.00	23.92	23.79		
10	QPSK	1	49	23.85	23.89	24.02	23.92	23.82		
10	QPSK	25	0	23.07	23.05	23.11	22.93	22.84	24.5	1
10	QPSK	25	12	22.95	22.98	23.01	22.88	22.78		
10	QPSK	25	25	22.92	22.91	23.04	22.88	22.80		
10	QPSK	50	0	23.02	23.01	23.09	22.97	22.85		
10	16QAM	1	0	23.01	23.10	23.06	22.96	22.88	24.5	1
10	16QAM	1	25	23.01	23.10	23.06	22.87	22.80		
10	16QAM	1	49	22.97	22.96	22.98	22.88	22.78		
10	16QAM	25	0	22.11	21.97	22.12	21.97	21.86	23.5	2
10	16QAM	25	12	21.86	21.91	22.03	21.93	21.76		
10	16QAM	25	25	21.85	21.85	22.03	21.84	21.77		
10	16QAM	50	0	22.04	21.95	22.03	21.86	21.91		
10	64QAM	1	0	21.98	22.15	22.01	21.92	21.85	23.5	2
10	64QAM	1	25	21.97	21.99	22.02	21.95	21.86		
10	64QAM	1	49	22.04	22.00	21.91	21.90	21.84		
10	64QAM	25	0	21.09	21.09	21.13	20.90	20.81	22.5	3
10	64QAM	25	12	20.80	21.01	20.98	20.96	20.81		
10	64QAM	25	25	20.93	20.94	20.96	20.86	20.85		
10	64QAM	50	0	21.02	21.11	20.98	20.97	20.83		
10	256QAM	1	0	19.09	19.14	19.20	18.91	18.89	20.5	5
10	256QAM	1	25	18.99	19.03	19.03	18.83	18.70		
10	256QAM	1	49	18.85	18.97	19.04	18.99	18.87		
10	256QAM	25	0	19.05	18.96	19.08	18.96	18.93	20.5	5
10	256QAM	25	12	19.04	19.11	19.04	18.95	18.85		
10	256QAM	25	25	19.08	19.05	19.03	18.88	18.79		
10	256QAM	50	0	18.91	18.96	18.95	18.85	18.83		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.99	24.06	24.08	23.97	23.86	25.50	0
5	QPSK	1	12	23.98	23.98	24.02	23.92	23.75		
5	QPSK	1	24	23.95	23.95	24.01	23.93	23.82		
5	QPSK	12	0	23.12	23.08	23.11	22.93	22.82	24.5	1
5	QPSK	12	7	22.91	23.02	23.10	22.91	22.73		
5	QPSK	12	13	22.91	22.89	23.01	22.86	22.79		
5	QPSK	25	0	23.10	23.05	23.07	23.00	22.88		
5	16QAM	1	0	23.10	23.00	23.05	22.90	22.90	24.5	1
5	16QAM	1	12	22.94	23.03	23.09	22.93	22.79		
5	16QAM	1	24	22.98	22.92	22.97	22.84	22.85		
5	16QAM	12	0	22.10	22.08	22.12	22.03	21.86	23.5	2
5	16QAM	12	7	21.88	21.92	22.10	21.89	21.71		
5	16QAM	12	13	21.85	21.86	22.04	21.88	21.85		
5	16QAM	25	0	22.13	22.00	22.06	21.93	21.89		
5	64QAM	1	0	22.10	22.06	22.03	21.90	21.81	23.5	2
5	64QAM	1	12	22.03	22.04	22.12	21.94	21.83		
5	64QAM	1	24	21.99	21.98	21.92	21.90	21.84		
5	64QAM	12	0	21.13	21.10	21.14	20.82	20.86	22.5	3
5	64QAM	12	7	20.82	21.02	21.01	20.93	20.85		
5	64QAM	12	13	20.89	21.00	21.00	20.83	20.88		
5	64QAM	25	0	21.11	21.10	21.05	21.02	20.92		
5	256QAM	1	0	19.15	19.09	19.09	18.93	18.88	20.5	5
5	256QAM	1	12	18.96	18.91	19.04	18.85	18.76		
5	256QAM	1	24	18.92	18.93	18.97	18.91	18.84		
5	256QAM	12	0	19.03	18.99	19.12	18.97	18.88	20.5	5
5	256QAM	12	7	19.10	19.12	19.01	19.02	18.89		
5	256QAM	12	13	19.10	18.97	18.99	18.88	18.82		
5	256QAM	25	0	18.95	18.98	18.96	18.87	18.87		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	25.45	25.50	25.43	25.7	0
20	QPSK	1	49	25.33	25.48	25.39		
20	QPSK	1	99	25.40	25.45	25.33		
20	QPSK	50	0	24.41	24.53	24.46	24.7	1
20	QPSK	50	24	24.29	24.53	24.45		
20	QPSK	50	50	24.35	24.50	24.38		
20	QPSK	100	0	24.49	24.47	24.38		
20	16QAM	1	0	24.46	24.45	24.43	24.7	1
20	16QAM	1	49	24.29	24.43	24.34		
20	16QAM	1	99	24.35	24.49	24.33		
20	16QAM	50	0	23.42	23.58	23.50	23.7	2
20	16QAM	50	24	23.28	23.53	23.48		
20	16QAM	50	50	23.34	23.53	23.43		
20	16QAM	100	0	23.48	23.53	23.38		
20	64QAM	1	0	23.41	23.41	23.49	23.7	2
20	64QAM	1	49	23.23	23.49	23.30		
20	64QAM	1	99	23.36	23.44	23.30		
20	64QAM	50	0	22.43	22.59	22.48	22.7	3
20	64QAM	50	24	22.34	22.51	22.49		
20	64QAM	50	50	22.37	22.55	22.33		
20	64QAM	100	0	22.48	22.52	22.42		
20	256QAM	1	0	20.44	20.47	20.43	20.7	5
20	256QAM	1	49	20.31	20.57	20.41		
20	256QAM	1	99	20.40	20.52	20.33		
20	256QAM	50	0	20.52	20.50	20.37	20.7	5
20	256QAM	50	24	20.43	20.46	20.46		
20	256QAM	50	50	20.30	20.44	20.29		
20	256QAM	100	0	20.30	20.53	20.35		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	25.41	25.39	25.33	25.7	0
15	QPSK	1	37	25.28	25.38	25.26		
15	QPSK	1	74	25.30	25.38	25.31		
15	QPSK	36	0	24.27	24.47	24.37	24.7	1
15	QPSK	36	20	24.18	24.51	24.35		
15	QPSK	36	39	24.31	24.45	24.35		
15	QPSK	75	0	24.36	24.37	24.32		
15	16QAM	1	0	24.41	24.36	24.32	24.7	1
15	16QAM	1	37	24.26	24.40	24.21		
15	16QAM	1	74	24.30	24.44	24.22		
15	16QAM	36	0	23.34	23.45	23.37	23.7	2
15	16QAM	36	20	23.16	23.39	23.38		
15	16QAM	36	39	23.30	23.50	23.35		
15	16QAM	75	0	23.43	23.44	23.33		
15	64QAM	1	0	23.37	23.28	23.46	23.7	2
15	64QAM	1	37	23.18	23.44	23.19		
15	64QAM	1	74	23.33	23.33	23.26		
15	64QAM	36	0	22.36	22.51	22.45	22.7	3
15	64QAM	36	20	22.30	22.40	22.44		
15	64QAM	36	39	22.31	22.45	22.20		
15	64QAM	75	0	22.37	22.48	22.36		
15	256QAM	1	0	20.32	20.37	20.38	20.7	5
15	256QAM	1	37	20.22	20.49	20.31		
15	256QAM	1	74	20.35	20.45	20.24		
15	256QAM	36	0	20.49	20.45	20.27	20.7	5
15	256QAM	36	20	20.34	20.37	20.42		
15	256QAM	36	39	20.21	20.37	20.20		
15	256QAM	75	0	20.18	20.48	20.26		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	25.41	25.44	25.33	25.7	0
10	QPSK	1	25	25.24	25.37	25.35		
10	QPSK	1	49	25.32	25.33	25.22		
10	QPSK	25	0	24.34	24.47	24.43	24.7	1
10	QPSK	25	12	24.17	24.39	24.38		
10	QPSK	25	25	24.28	24.42	24.26		
10	QPSK	50	0	24.36	24.43	24.29		
10	16QAM	1	0	24.37	24.33	24.41	24.7	1
10	16QAM	1	25	24.20	24.39	24.22		
10	16QAM	1	49	24.27	24.37	24.28		
10	16QAM	25	0	23.28	23.50	23.38	23.7	2
10	16QAM	25	12	23.19	23.51	23.40		
10	16QAM	25	25	23.28	23.49	23.40		
10	16QAM	50	0	23.37	23.44	23.35		
10	64QAM	1	0	23.27	23.37	23.37	23.7	2
10	64QAM	1	25	23.14	23.40	23.26		
10	64QAM	1	49	23.28	23.42	23.19		
10	64QAM	25	0	22.37	22.54	22.37	22.7	3
10	64QAM	25	12	22.31	22.48	22.40		
10	64QAM	25	25	22.27	22.51	22.26		
10	64QAM	50	0	22.38	22.41	22.35		
10	256QAM	1	0	20.32	20.36	20.35	20.7	5
10	256QAM	1	25	20.28	20.53	20.34		
10	256QAM	1	49	20.37	20.48	20.24		
10	256QAM	25	0	20.49	20.37	20.33	20.7	5
10	256QAM	25	12	20.39	20.38	20.36		
10	256QAM	25	25	20.20	20.41	20.17		
10	256QAM	50	0	20.20	20.51	20.21		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	25.34	25.39	25.40	25.7	0
5	QPSK	1	12	25.28	25.41	25.34		
5	QPSK	1	24	25.30	25.40	25.26		
5	QPSK	12	0	24.38	24.42	24.37	24.7	1
5	QPSK	12	7	24.27	24.47	24.34		
5	QPSK	12	13	24.28	24.42	24.30		
5	QPSK	25	0	24.43	24.41	24.24		
5	16QAM	1	0	24.41	24.43	24.35	24.7	1
5	16QAM	1	12	24.16	24.38	24.21		
5	16QAM	1	24	24.25	24.40	24.27		
5	16QAM	12	0	23.31	23.52	23.40	23.7	2
5	16QAM	12	7	23.17	23.44	23.36		
5	16QAM	12	13	23.31	23.46	23.41		
5	16QAM	25	0	23.46	23.50	23.36		
5	64QAM	1	0	23.29	23.33	23.36	23.7	2
5	64QAM	1	12	23.14	23.39	23.26		
5	64QAM	1	24	23.31	23.33	23.22		
5	64QAM	12	0	22.32	22.46	22.43	22.7	3
5	64QAM	12	7	22.30	22.48	22.43		
5	64QAM	12	13	22.31	22.41	22.30		
5	64QAM	25	0	22.42	22.39	22.35		
5	256QAM	1	0	20.35	20.38	20.30	20.7	5
5	256QAM	1	12	20.24	20.51	20.29		
5	256QAM	1	24	20.29	20.48	20.28		
5	256QAM	12	0	20.48	20.38	20.29	20.7	5
5	256QAM	12	7	20.31	20.42	20.40		
5	256QAM	12	13	20.23	20.36	20.15		
5	256QAM	25	0	20.22	20.42	20.24		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.36	25.29	25.48	25.25	25.31	25.7	0
20	QPSK	1	49	25.22	25.16	25.43	25.23	25.20		
20	QPSK	1	99	25.31	25.26	25.39	25.18	25.21		
20	QPSK	50	0	24.39	24.31	24.51	24.25	24.34	24.7	1
20	QPSK	50	24	24.18	24.17	24.47	24.29	24.15		
20	QPSK	50	50	24.30	24.27	24.40	24.14	24.26		
20	QPSK	100	0	24.30	24.24	24.48	24.21	24.34		
20	16QAM	1	0	24.35	24.24	24.47	24.28	24.31	24.7	1
20	16QAM	1	49	24.23	24.18	24.47	24.17	24.18		
20	16QAM	1	99	24.33	24.23	24.40	24.18	24.26		
20	16QAM	50	0	23.39	23.26	23.46	23.29	23.28	23.7	2
20	16QAM	50	24	23.19	23.18	23.44	23.30	23.12		
20	16QAM	50	50	23.26	23.22	23.43	23.13	23.32		
20	16QAM	100	0	23.34	23.21	23.42	23.17	23.37		
20	64QAM	1	0	23.33	23.28	23.52	23.27	23.33	23.7	2
20	64QAM	1	49	23.23	23.15	23.44	23.13	23.19		
20	64QAM	1	99	23.29	23.25	23.40	23.16	23.30		
20	64QAM	50	0	22.42	22.35	22.52	22.21	22.30	22.7	3
20	64QAM	50	24	22.14	22.18	22.42	22.32	22.13		
20	64QAM	50	50	22.33	22.25	22.39	22.09	22.21		
20	64QAM	100	0	22.25	22.23	22.44	22.23	22.33		
20	256QAM	1	0	20.33	20.29	20.46	20.26	20.28	20.7	5
20	256QAM	1	49	20.13	20.12	20.44	20.27	20.21		
20	256QAM	1	99	20.32	20.26	20.43	20.19	20.22		
20	256QAM	50	0	20.34	20.20	20.48	20.22	20.30	20.7	5
20	256QAM	50	24	20.37	20.23	20.42	20.31	20.31		
20	256QAM	50	50	20.25	20.13	20.49	20.23	20.19		
20	256QAM	100	0	20.35	20.29	20.39	20.12	20.24		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.26	25.18	25.34	25.15	25.29	25.70	0
15	QPSK	1	37	25.09	25.02	25.36	25.20	25.12		
15	QPSK	1	74	25.28	25.23	25.35	25.08	25.17		
15	QPSK	36	0	24.34	24.20	24.39	24.16	24.21	24.7	1
15	QPSK	36	20	24.13	24.11	24.35	24.25	24.12		
15	QPSK	36	39	24.23	24.24	24.30	24.09	24.23		
15	QPSK	75	0	24.21	24.19	24.37	24.14	24.24		
15	16QAM	1	0	24.22	24.11	24.42	24.18	24.18	24.7	1
15	16QAM	1	37	24.13	24.12	24.45	24.05	24.12		
15	16QAM	1	74	24.29	24.10	24.35	24.15	24.16		
15	16QAM	36	0	23.31	23.17	23.44	23.23	23.22	23.7	2
15	16QAM	36	20	23.17	23.09	23.38	23.25	23.04		
15	16QAM	36	39	23.20	23.16	23.30	23.08	23.30		
15	16QAM	75	0	23.26	23.18	23.39	23.13	23.33		
15	64QAM	1	0	23.20	23.25	23.40	23.24	23.20	23.7	2
15	64QAM	1	37	23.20	23.07	23.40	23.04	23.14		
15	64QAM	1	74	23.26	23.12	23.35	23.02	23.18		
15	64QAM	36	0	22.29	22.23	22.40	22.13	22.18	22.7	3
15	64QAM	36	20	22.09	22.12	22.29	22.20	22.08		
15	64QAM	36	39	22.21	22.22	22.31	22.05	22.08		
15	64QAM	75	0	22.11	22.18	22.40	22.15	22.25		
15	256QAM	1	0	20.21	20.21	20.37	20.16	20.25	20.7	5
15	256QAM	1	37	20.07	20.01	20.38	20.22	20.17		
15	256QAM	1	74	20.20	20.18	20.31	20.13	20.17		
15	256QAM	36	0	20.25	20.16	20.39	20.09	20.20	20.7	5
15	256QAM	36	20	20.30	20.12	20.37	20.20	20.19		
15	256QAM	36	39	20.16	20.07	20.40	20.18	20.16		
15	256QAM	75	0	20.23	20.15	20.34	20.00	20.19		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.25	25.17	25.39	25.11	25.17	25.70	0
10	QPSK	1	25	25.12	25.05	25.32	25.11	25.11		
10	QPSK	1	49	25.27	25.19	25.31	25.13	25.17		
10	QPSK	25	0	24.27	24.21	24.43	24.13	24.26	24.7	1
10	QPSK	25	12	24.10	24.07	24.40	24.18	24.02		
10	QPSK	25	25	24.21	24.16	24.28	24.09	24.13		
10	QPSK	50	0	24.19	24.10	24.42	24.16	24.31		
10	16QAM	1	0	24.31	24.11	24.36	24.17	24.25	24.7	1
10	16QAM	1	25	24.14	24.08	24.43	24.06	24.12		
10	16QAM	1	49	24.26	24.15	24.34	24.14	24.15		
10	16QAM	25	0	23.33	23.17	23.38	23.26	23.16	23.7	2
10	16QAM	25	12	23.16	23.13	23.32	23.19	23.01		
10	16QAM	25	25	23.22	23.18	23.40	23.01	23.24		
10	16QAM	50	0	23.31	23.15	23.36	23.08	23.25		
10	64QAM	1	0	23.26	23.18	23.46	23.18	23.20	23.7	2
10	64QAM	1	25	23.11	23.05	23.36	23.00	23.07		
10	64QAM	1	49	23.24	23.22	23.26	23.10	23.18		
10	64QAM	25	0	22.28	22.26	22.45	22.12	22.25	22.7	3
10	64QAM	25	12	22.09	22.05	22.39	22.23	22.10		
10	64QAM	25	25	22.29	22.14	22.36	21.96	22.17		
10	64QAM	50	0	22.14	22.15	22.41	22.16	22.30		
10	256QAM	1	0	20.21	20.21	20.43	20.23	20.19	20.7	5
10	256QAM	1	25	20.01	20.07	20.30	20.18	20.16		
10	256QAM	1	49	20.24	20.22	20.33	20.12	20.18		
10	256QAM	25	0	20.26	20.10	20.46	20.14	20.26	20.7	5
10	256QAM	25	12	20.30	20.18	20.39	20.17	20.25		
10	256QAM	25	25	20.22	20.07	20.42	20.20	20.07		
10	256QAM	50	0	20.31	20.22	20.35	20.09	20.11		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.27	25.16	25.38	25.19	25.23	25.70	0
5	QPSK	1	12	25.09	25.06	25.33	25.20	25.12		
5	QPSK	1	24	25.29	25.14	25.33	25.09	25.17		
5	QPSK	12	0	24.32	24.24	24.44	24.17	24.24	24.7	1
5	QPSK	12	7	24.13	24.10	24.34	24.25	24.08		
5	QPSK	12	13	24.26	24.13	24.34	24.00	24.22		
5	QPSK	25	0	24.16	24.13	24.38	24.15	24.25		
5	16QAM	1	0	24.23	24.20	24.34	24.15	24.23	24.7	1
5	16QAM	1	12	24.20	24.08	24.34	24.08	24.16		
5	16QAM	1	24	24.24	24.17	24.29	24.16	24.19		
5	16QAM	12	0	23.28	23.14	23.39	23.19	23.15	23.7	2
5	16QAM	12	7	23.12	23.15	23.36	23.17	22.98		
5	16QAM	12	13	23.15	23.17	23.34	23.03	23.23		
5	16QAM	25	0	23.29	23.10	23.38	23.14	23.29		
5	64QAM	1	0	23.24	23.21	23.42	23.25	23.21	23.7	2
5	64QAM	1	12	23.19	23.07	23.42	23.04	23.06		
5	64QAM	1	24	23.18	23.18	23.37	23.10	23.25		
5	64QAM	12	0	22.30	22.32	22.40	22.12	22.22	22.7	3
5	64QAM	12	7	22.04	22.12	22.34	22.21	22.05		
5	64QAM	12	13	22.30	22.13	22.35	22.01	22.15		
5	64QAM	25	0	22.20	22.10	22.35	22.12	22.26		
5	256QAM	1	0	20.26	20.22	20.32	20.16	20.20	20.7	5
5	256QAM	1	12	20.05	20.05	20.38	20.20	20.19		
5	256QAM	1	24	20.28	20.19	20.39	20.09	20.17		
5	256QAM	12	0	20.30	20.12	20.45	20.12	20.25	20.7	5
5	256QAM	12	7	20.26	20.16	20.37	20.26	20.19		
5	256QAM	12	13	20.13	20.05	20.42	20.12	20.08		
5	256QAM	25	0	20.32	20.20	20.29	20.09	20.14		

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BW [MHz]	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	23.09	23.15	23.13	24.5	0
20	QPSK	1	49	23.00	23.10	23.09		
20	QPSK	1	99	22.97	23.09	23.04		
20	QPSK	50	0	22.09	22.21	22.10	23.5	1
20	QPSK	50	24	22.03	22.08	22.15		
20	QPSK	50	50	21.99	22.03	22.10		
20	QPSK	100	0	22.10	22.14	22.13		
20	16QAM	1	0	22.07	22.14	22.15	23.5	1
20	16QAM	1	49	22.06	22.16	22.06		
20	16QAM	1	99	21.98	22.11	22.02		
20	16QAM	50	0	21.07	21.17	21.08	22.5	2
20	16QAM	50	24	20.97	21.02	21.17		
20	16QAM	50	50	20.99	21.01	21.04		
20	16QAM	100	0	21.12	21.19	21.11		
20	64QAM	1	0	21.08	21.16	21.10	22.5	2
20	64QAM	1	49	21.07	21.22	21.07		
20	64QAM	1	99	20.94	21.06	21.00		
20	64QAM	50	0	20.09	20.26	20.07	21.5	3
20	64QAM	50	24	20.04	20.11	20.15		
20	64QAM	50	50	19.99	19.98	20.11		
20	64QAM	100	0	20.10	20.10	20.19		
20	256QAM	1	0	18.10	18.25	18.13	19.5	5
20	256QAM	1	49	17.98	18.06	18.14		
20	256QAM	1	99	17.97	18.05	18.13		
20	256QAM	50	0	18.14	18.17	18.14	19.5	5
20	256QAM	50	24	18.07	18.11	18.17		
20	256QAM	50	50	18.00	18.12	18.01		
20	256QAM	100	0	18.02	18.09	17.96		
Channel				37625	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.02	23.05	23.10	24.5	0
15	QPSK	1	37	22.89	23.07	22.99		
15	QPSK	1	74	22.86	22.96	22.99		
15	QPSK	36	0	22.05	22.13	22.03	23.5	1
15	QPSK	36	20	22.01	21.94	22.10		
15	QPSK	36	39	21.91	21.98	21.97		
15	QPSK	75	0	22.08	22.08	22.05		
15	16QAM	1	0	21.99	22.01	22.11	23.5	1
15	16QAM	1	37	21.96	22.13	22.03		
15	16QAM	1	74	21.96	22.06	21.94		
15	16QAM	36	0	20.95	21.13	21.03	22.5	2
15	16QAM	36	20	20.90	20.98	21.03		
15	16QAM	36	39	20.87	20.94	20.91		
15	16QAM	75	0	20.99	21.14	20.99		
15	64QAM	1	0	21.01	21.04	20.99	22.5	2
15	64QAM	1	37	21.01	21.10	21.03		
15	64QAM	1	74	20.83	21.01	20.98		
15	64QAM	36	0	19.99	20.17	19.95	21.5	3
15	64QAM	36	20	19.97	20.09	20.09		
15	64QAM	36	39	19.89	19.85	20.01		
15	64QAM	75	0	20.00	19.96	20.06		
15	256QAM	1	0	18.01	18.15	18.01	19.5	5
15	256QAM	1	37	17.93	18.04	18.06		
15	256QAM	1	74	17.83	17.92	18.01		
15	256QAM	36	0	18.06	18.13	18.01	19.5	5
15	256QAM	36	20	18.03	18.01	18.11		
15	256QAM	36	39	17.86	18.07	17.98		
15	256QAM	75	0	17.99	18.06	17.82		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.98	23.12	23.11	24.5	0
10	QPSK	1	25	22.89	23.03	22.98		
10	QPSK	1	49	22.89	23.00	22.94		
10	QPSK	25	0	22.06	22.14	22.04	23.5	1
10	QPSK	25	12	21.93	22.02	22.08		
10	QPSK	25	25	21.89	21.98	22.01		
10	QPSK	50	0	22.03	22.11	22.10		
10	16QAM	1	0	21.94	22.09	22.10	23.5	1
10	16QAM	1	25	21.99	22.11	22.02		
10	16QAM	1	49	21.92	22.05	21.89		
10	16QAM	25	0	21.05	21.03	20.98	22.5	2
10	16QAM	25	12	20.87	20.96	21.07		
10	16QAM	25	25	20.93	20.96	20.92		
10	16QAM	50	0	21.08	21.06	21.07		
10	64QAM	1	0	21.04	21.03	21.03	22.5	2
10	64QAM	1	25	21.04	21.09	20.94		
10	64QAM	1	49	20.86	20.98	20.91		
10	64QAM	25	0	20.06	20.18	19.94	21.5	3
10	64QAM	25	12	19.99	20.04	20.07		
10	64QAM	25	25	19.97	19.86	20.03		
10	64QAM	50	0	20.06	20.06	20.15		
10	256QAM	1	0	17.97	18.12	18.07	19.5	5
10	256QAM	1	25	17.93	18.03	18.01		
10	256QAM	1	49	17.90	17.91	18.10		
10	256QAM	25	0	18.11	18.12	18.10	19.5	5
10	256QAM	25	12	18.02	18.07	18.09		
10	256QAM	25	25	17.87	18.05	17.92		
10	256QAM	50	0	17.93	18.02	17.92		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.99	23.08	23.06	24.5	0
5	QPSK	1	12	22.90	22.98	22.99		
5	QPSK	1	24	22.85	22.97	23.02		
5	QPSK	12	0	22.07	22.08	22.06	23.5	1
5	QPSK	12	7	21.94	21.98	22.04		
5	QPSK	12	13	21.89	21.97	22.00		
5	QPSK	25	0	22.04	22.01	22.02		
5	16QAM	1	0	21.99	22.02	22.08	23.5	1
5	16QAM	1	12	21.97	22.11	22.04		
5	16QAM	1	24	21.95	22.00	21.91		
5	16QAM	12	0	21.01	21.15	21.03	22.5	2
5	16QAM	12	7	20.86	20.95	21.10		
5	16QAM	12	13	20.92	20.93	20.94		
5	16QAM	25	0	21.04	21.07	21.07		
5	64QAM	1	0	20.99	21.10	21.00	22.5	2
5	64QAM	1	12	21.00	21.11	20.95		
5	64QAM	1	24	20.82	20.99	20.91		
5	64QAM	12	0	20.03	20.16	19.96	21.5	3
5	64QAM	12	7	19.92	19.99	20.11		
5	64QAM	12	13	19.87	19.92	20.04		
5	64QAM	25	0	20.01	20.06	20.08		
5	256QAM	1	0	18.05	18.19	18.05	19.5	5
5	256QAM	1	12	17.88	17.94	18.04		
5	256QAM	1	24	17.95	17.94	18.03		
5	256QAM	12	0	18.08	18.12	18.10	19.5	5
5	256QAM	12	7	17.95	18.01	18.13		
5	256QAM	12	13	17.88	17.99	17.89		
5	256QAM	25	0	17.91	18.01	17.83		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.05	22.97	23.11	23.02	22.96	24.5	0
20	QPSK	1	49	22.98	22.87	23.06	22.98	22.90		
20	QPSK	1	99	22.98	22.94	23.03	22.90	22.86		
20	QPSK	50	0	22.10	21.92	22.15	22.05	22.00	23.5	1
20	QPSK	50	24	22.04	21.83	22.11	21.92	21.87		
20	QPSK	50	50	21.98	21.89	22.05	21.88	21.89		
20	QPSK	100	0	22.10	22.00	22.12	22.07	22.01		
20	16QAM	1	0	22.08	21.91	22.09	22.01	22.01	23.5	1
20	16QAM	1	49	22.00	21.90	22.06	22.01	21.89		
20	16QAM	1	99	21.99	21.96	22.05	21.93	21.88		
20	16QAM	50	0	21.14	20.95	21.11	21.01	20.97	22.5	2
20	16QAM	50	24	21.05	20.87	21.07	20.89	20.82		
20	16QAM	50	50	20.96	20.83	21.09	20.88	20.84		
20	16QAM	100	0	21.11	21.06	21.17	21.08	21.05		
20	64QAM	1	0	21.12	20.96	21.12	21.00	21.02	22.5	2
20	64QAM	1	49	21.04	20.95	21.11	21.05	20.94		
20	64QAM	1	99	20.97	20.98	21.07	20.97	20.91		
20	64QAM	50	0	20.10	19.90	20.15	20.08	20.04	21.5	3
20	64QAM	50	24	20.09	19.80	20.16	19.97	19.91		
20	64QAM	50	50	19.94	19.85	20.05	19.93	19.91		
20	64QAM	100	0	20.13	20.01	20.12	20.09	19.96		
20	256QAM	1	0	18.09	17.95	18.16	18.03	17.99	19.5	5
20	256QAM	1	49	18.00	17.78	18.16	17.88	17.89		
20	256QAM	1	99	17.99	17.92	18.10	17.91	17.93		
20	256QAM	50	0	18.11	17.96	18.07	18.12	18.05	19.5	5
20	256QAM	50	24	18.09	17.94	18.15	17.98	18.06		
20	256QAM	50	50	18.05	17.86	18.10	17.98	17.85		
20	256QAM	100	0	18.03	17.98	18.02	17.89	17.90		
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	23.00	22.93	23.08	22.91	22.83	24.50	0
15	QPSK	1	37	22.87	22.77	22.95	22.94	22.81		
15	QPSK	1	74	22.85	22.90	23.00	22.87	22.83		
15	QPSK	36	0	22.03	21.87	22.09	21.98	21.96	23.5	1
15	QPSK	36	20	22.00	21.71	22.04	21.87	21.81		
15	QPSK	36	39	21.84	21.76	21.99	21.83	21.86		
15	QPSK	75	0	21.99	21.95	22.05	22.04	21.98		
15	16QAM	1	0	21.94	21.85	21.99	21.98	21.97	23.5	1
15	16QAM	1	37	21.94	21.83	22.04	21.94	21.81		
15	16QAM	1	74	21.93	21.83	21.97	21.88	21.78		
15	16QAM	36	0	21.06	20.86	21.06	20.97	20.89	22.5	2
15	16QAM	36	20	20.99	20.84	21.01	20.82	20.80		
15	16QAM	36	39	20.87	20.78	21.04	20.85	20.78		
15	16QAM	75	0	21.04	20.98	21.14	20.96	20.95		
15	64QAM	1	0	21.05	20.86	21.08	20.95	20.98	22.5	2
15	64QAM	1	37	20.90	20.83	21.04	21.01	20.91		
15	64QAM	1	74	20.95	20.89	20.95	20.87	20.88		
15	64QAM	36	0	20.06	19.80	20.13	20.05	19.90	21.5	3
15	64QAM	36	20	20.01	19.72	20.05	19.90	19.87		
15	64QAM	36	39	19.84	19.73	19.97	19.86	19.88		
15	64QAM	75	0	20.03	19.94	20.09	20.05	19.94		
15	256QAM	1	0	18.02	17.82	18.13	17.95	17.85	19.5	5
15	256QAM	1	37	17.92	17.73	18.07	17.84	17.76		
15	256QAM	1	74	17.88	17.82	18.00	17.85	17.90		
15	256QAM	36	0	17.97	17.85	17.94	18.03	17.96	19.5	5
15	256QAM	36	20	18.00	17.87	18.07	17.91	18.02		
15	256QAM	36	39	17.99	17.80	18.01	17.93	17.74		
15	256QAM	75	0	18.01	17.89	17.97	17.84	17.82		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.96	22.90	23.01	22.96	22.85	24.50	0
10	QPSK	1	25	22.86	22.81	22.95	22.87	22.87		
10	QPSK	1	49	22.96	22.84	22.94	22.80	22.80		
10	QPSK	25	0	22.06	21.87	22.04	21.93	21.88	23.5	1
10	QPSK	25	12	21.99	21.80	22.05	21.79	21.77		
10	QPSK	25	25	21.87	21.87	22.03	21.76	21.86		
10	QPSK	50	0	22.06	21.94	22.09	21.94	21.95		
10	16QAM	1	0	22.01	21.80	22.06	21.96	21.94	23.5	1
10	16QAM	1	25	21.96	21.87	22.03	21.90	21.81		
10	16QAM	1	49	21.90	21.93	22.03	21.89	21.77		
10	16QAM	25	0	21.09	20.87	21.06	20.97	20.85	22.5	2
10	16QAM	25	12	20.97	20.83	21.02	20.83	20.77		
10	16QAM	25	25	20.83	20.70	20.97	20.76	20.77		
10	16QAM	50	0	21.07	20.95	21.07	20.97	20.99		
10	64QAM	1	0	20.99	20.85	21.08	20.92	20.92	22.5	2
10	64QAM	1	25	20.94	20.92	21.08	21.02	20.90		
10	64QAM	1	49	20.85	20.84	20.94	20.93	20.79		
10	64QAM	25	0	20.04	19.78	20.04	19.95	19.91	21.5	3
10	64QAM	25	12	19.97	19.68	20.08	19.93	19.87		
10	64QAM	25	25	19.83	19.76	19.96	19.83	19.82		
10	64QAM	50	0	20.03	19.89	20.08	20.07	19.91		
10	256QAM	1	0	18.01	17.82	18.08	17.92	17.90	19.5	5
10	256QAM	1	25	17.98	17.71	18.10	17.75	17.79		
10	256QAM	1	49	17.92	17.79	18.04	17.79	17.84		
10	256QAM	25	0	18.03	17.82	17.94	18.06	17.94	19.5	5
10	256QAM	25	12	18.00	17.91	18.08	17.96	17.98		
10	256QAM	25	25	17.91	17.80	18.05	17.94	17.78		
10	256QAM	50	0	17.94	17.91	17.99	17.83	17.84		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.91	22.85	22.99	22.97	22.92	24.50	0
5	QPSK	1	12	22.94	22.74	23.03	22.95	22.85		
5	QPSK	1	24	22.95	22.90	22.93	22.86	22.84		
5	QPSK	12	0	21.98	21.90	22.09	22.03	21.88	23.5	1
5	QPSK	12	7	21.96	21.76	22.09	21.79	21.76		
5	QPSK	12	13	21.95	21.85	21.95	21.74	21.81		
5	QPSK	25	0	21.97	21.96	22.07	21.97	21.90		
5	16QAM	1	0	22.05	21.86	22.01	21.92	21.98	23.5	1
5	16QAM	1	12	21.88	21.80	22.00	21.87	21.85		
5	16QAM	1	24	21.88	21.87	22.02	21.81	21.76		
5	16QAM	12	0	21.09	20.91	21.07	20.90	20.86	22.5	2
5	16QAM	12	7	21.03	20.82	20.94	20.86	20.71		
5	16QAM	12	13	20.90	20.71	20.99	20.78	20.79		
5	16QAM	25	0	21.08	20.96	21.09	21.00	21.01		
5	64QAM	1	0	21.01	20.86	21.02	20.97	21.00	22.5	2
5	64QAM	1	12	20.92	20.92	21.08	20.99	20.90		
5	64QAM	1	24	20.90	20.95	21.00	20.88	20.80		
5	64QAM	12	0	19.97	19.85	20.11	19.97	19.98	21.5	3
5	64QAM	12	7	20.01	19.70	20.12	19.88	19.89		
5	64QAM	12	13	19.86	19.81	19.96	19.80	19.80		
5	64QAM	25	0	20.07	19.96	20.03	20.05	19.91		
5	256QAM	1	0	18.03	17.92	18.14	17.93	17.87	19.5	5
5	256QAM	1	12	17.96	17.66	18.06	17.86	17.76		
5	256QAM	1	24	17.88	17.86	18.04	17.87	17.80		
5	256QAM	12	0	18.06	17.85	18.04	17.98	17.95	19.5	5
5	256QAM	12	7	18.02	17.92	18.10	17.87	17.94		
5	256QAM	12	13	18.01	17.76	18.07	17.91	17.77		
5	256QAM	25	0	17.94	17.88	17.89	17.77	17.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.27	22.28	22.20	23.5	0
20	QPSK	1	49	22.22	22.19	22.12		
20	QPSK	1	99	22.14	22.22	22.12		
20	QPSK	50	0	22.14	22.26	22.06	23.5	0
20	QPSK	50	24	22.13	22.10	22.01		
20	QPSK	50	50	22.02	22.16	22.06		
20	QPSK	100	0	22.20	22.24	22.07		
20	16QAM	1	0	22.22	22.20	22.12	23.5	0
20	16QAM	1	49	22.18	22.13	22.01		
20	16QAM	1	99	22.02	22.12	22.00		
20	16QAM	50	0	22.18	22.19	22.06	23.5	0
20	16QAM	50	24	22.15	22.08	22.09		
20	16QAM	50	50	22.05	22.09	22.05		
20	16QAM	100	0	22.06	22.14	22.02		
20	64QAM	1	0	22.01	22.08	21.93	23.5	0
20	64QAM	1	49	21.89	22.03	21.98		
20	64QAM	1	99	22.08	22.12	21.93		
20	64QAM	50	0	21.25	21.31	21.23	22.5	1
20	64QAM	50	24	21.27	21.14	21.08		
20	64QAM	50	50	21.18	21.25	21.15		
20	64QAM	100	0	21.19	21.20	21.09		
20	256QAM	1	0	19.31	19.33	19.24	20.5	3
20	256QAM	1	49	19.18	19.20	19.16		
20	256QAM	1	99	19.19	19.26	19.16		
20	256QAM	50	0	19.17	19.20	19.09	20.5	3
20	256QAM	50	24	19.13	19.10	19.05		
20	256QAM	50	50	19.02	19.15	19.06		
20	256QAM	100	0	19.25	19.21	19.11		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.14	22.23	22.17	23.5	0
15	QPSK	1	37	22.11	22.10	22.07		
15	QPSK	1	74	22.02	22.08	22.04		
15	QPSK	36	0	22.02	22.24	21.95	23.5	0
15	QPSK	36	20	22.10	22.05	21.88		
15	QPSK	36	39	21.93	22.12	21.98		
15	QPSK	75	0	22.15	22.18	21.96		
15	16QAM	1	0	22.15	22.13	22.01	23.5	0
15	16QAM	1	37	22.08	22.06	21.93		
15	16QAM	1	74	21.97	22.05	21.89		
15	16QAM	36	0	22.05	22.05	22.00	23.5	0
15	16QAM	36	20	22.12	22.05	21.99		
15	16QAM	36	39	22.01	21.97	22.02		
15	16QAM	75	0	22.03	22.05	21.94		
15	64QAM	1	0	21.90	22.00	21.88	23.5	0
15	64QAM	1	37	21.78	21.94	21.85		
15	64QAM	1	74	22.00	22.06	21.81		
15	64QAM	36	0	21.20	21.23	21.21	22.5	1
15	64QAM	36	20	21.14	21.11	20.95		
15	64QAM	36	39	21.05	21.21	21.05		
15	64QAM	75	0	21.13	21.18	21.04		
15	256QAM	1	0	19.19	19.20	19.14	20.5	3
15	256QAM	1	37	19.15	19.11	19.07		
15	256QAM	1	74	19.05	19.22	19.13		
15	256QAM	36	0	19.04	19.11	19.01	20.5	3
15	256QAM	36	20	19.03	18.96	18.97		
15	256QAM	36	39	18.93	19.03	18.94		
15	256QAM	75	0	19.20	19.11	18.98		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.24	22.25	22.14	23.5	0
10	QPSK	1	25	22.09	22.14	21.99		
10	QPSK	1	49	22.08	22.09	22.02		
10	QPSK	25	0	22.04	22.21	21.99	23.5	0
10	QPSK	25	12	22.00	21.97	21.89		
10	QPSK	25	25	21.90	22.03	21.94		
10	QPSK	50	0	22.17	22.10	22.04		
10	16QAM	1	0	22.16	22.15	22.08	23.5	0
10	16QAM	1	25	22.06	22.01	21.88		
10	16QAM	1	49	21.96	22.07	21.92		
10	16QAM	25	0	22.05	22.06	22.04	23.5	0
10	16QAM	25	12	22.07	22.05	21.98		
10	16QAM	25	25	21.96	21.95	21.96		
10	16QAM	50	0	22.02	22.00	21.92		
10	64QAM	1	0	21.97	22.03	21.82	23.5	0
10	64QAM	1	25	21.85	21.91	21.91		
10	64QAM	1	49	21.99	22.03	21.80		
10	64QAM	25	0	21.23	21.28	21.20	22.5	1
10	64QAM	25	12	21.24	21.01	20.95		
10	64QAM	25	25	21.15	21.12	21.02		
10	64QAM	50	0	21.10	21.13	21.04		
10	256QAM	1	0	19.20	19.23	19.21	20.5	3
10	256QAM	1	25	19.06	19.08	19.02		
10	256QAM	1	49	19.09	19.14	19.12		
10	256QAM	25	0	19.05	19.08	19.02	20.5	3
10	256QAM	25	12	19.02	19.05	18.95		
10	256QAM	25	25	18.93	19.05	18.98		
10	256QAM	50	0	19.22	19.08	19.03		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.21	22.26	22.11	23.5	0
5	QPSK	1	12	22.14	22.11	22.05		
5	QPSK	1	24	22.12	22.19	21.99		
5	QPSK	12	0	22.03	22.21	21.98	23.5	0
5	QPSK	12	7	22.01	22.01	21.90		
5	QPSK	12	13	21.97	22.11	21.93		
5	QPSK	25	0	22.17	22.16	21.94		
5	16QAM	1	0	22.19	22.07	22.07	23.5	0
5	16QAM	1	12	22.04	22.04	21.88		
5	16QAM	1	24	21.92	22.02	21.93		
5	16QAM	12	0	22.06	22.13	21.99	23.5	0
5	16QAM	12	7	22.05	22.05	22.05		
5	16QAM	12	13	21.91	22.06	22.02		
5	16QAM	25	0	21.95	22.11	22.00		
5	64QAM	1	0	21.92	22.01	21.88	23.5	0
5	64QAM	1	12	21.78	21.93	21.93		
5	64QAM	1	24	21.97	22.07	21.80		
5	64QAM	12	0	21.13	21.22	21.17	22.5	1
5	64QAM	12	7	21.14	21.08	21.03		
5	64QAM	12	13	21.08	21.12	21.04		
5	64QAM	25	0	21.09	21.17	21.06		
5	256QAM	1	0	19.21	19.22	19.20	20.5	3
5	256QAM	1	12	19.11	19.17	19.04		
5	256QAM	1	24	19.14	19.20	19.11		
5	256QAM	12	0	19.10	19.15	18.95	20.5	3
5	256QAM	12	7	19.03	19.00	18.98		
5	256QAM	12	13	18.93	19.02	18.94		
5	256QAM	25	0	19.14	19.18	19.08		

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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	22.09	22.22	22.23	21.96	22.01	23.5	0
20	QPSK	1	49	22.06	22.10	22.21	21.95	22.02		
20	QPSK	1	99	21.99	22.07	22.18	21.87	21.98		
20	QPSK	50	0	22.01	22.14	22.19	21.92	21.88	23.5	0
20	QPSK	50	24	22.01	22.01	22.08	21.89	21.98		
20	QPSK	50	50	21.96	21.97	22.08	21.74	21.94		
20	QPSK	100	0	21.98	22.19	22.15	21.87	21.91		
20	16QAM	1	0	22.03	22.18	22.09	21.87	21.92	23.5	0
20	16QAM	1	49	22.03	22.02	22.11	21.88	21.92		
20	16QAM	1	99	21.90	21.96	22.08	21.83	21.92		
20	16QAM	50	0	22.05	22.15	22.13	21.86	21.92	23.5	0
20	16QAM	50	24	21.95	22.00	22.13	21.84	21.88		
20	16QAM	50	50	21.88	22.01	22.14	21.83	21.86		
20	16QAM	100	0	21.93	22.08	22.07	21.86	21.79		
20	64QAM	1	0	21.90	21.96	22.01	21.77	21.89	23.5	0
20	64QAM	1	49	21.83	21.93	22.04	21.62	21.85		
20	64QAM	1	99	21.90	22.08	22.09	21.78	21.81		
20	64QAM	50	0	21.12	21.22	21.23	20.91	21.03	22.5	1
20	64QAM	50	24	21.10	21.05	21.19	20.97	21.03		
20	64QAM	50	50	20.96	21.11	21.20	20.83	21.00		
20	64QAM	100	0	21.04	21.13	21.18	20.94	20.91		
20	256QAM	1	0	19.11	19.21	19.23	18.90	19.05	20.5	3
20	256QAM	1	49	19.06	19.11	19.18	18.96	19.05		
20	256QAM	1	99	18.96	19.09	19.16	18.83	18.95		
20	256QAM	50	0	19.03	19.15	19.14	18.94	18.94	20.5	3
20	256QAM	50	24	18.98	19.03	19.13	18.86	18.93		
20	256QAM	50	50	18.99	19.01	19.08	18.80	18.93		
20	256QAM	100	0	18.98	19.15	19.15	18.87	18.94		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.99	22.08	22.21	21.92	21.97	23.50	0
15	QPSK	1	37	21.93	22.07	22.10	21.89	21.92		
15	QPSK	1	74	21.96	22.04	22.10	21.83	21.86		
15	QPSK	36	0	21.90	22.09	22.13	21.84	21.78	23.5	0
15	QPSK	36	20	21.95	21.97	22.04	21.80	21.89		
15	QPSK	36	39	21.82	21.95	22.05	21.66	21.83		
15	QPSK	75	0	21.92	22.12	22.09	21.76	21.88		
15	16QAM	1	0	21.98	22.06	22.06	21.84	21.78	23.5	0
15	16QAM	1	37	21.92	21.89	22.04	21.86	21.89		
15	16QAM	1	74	21.78	21.87	21.95	21.74	21.87		
15	16QAM	36	0	21.94	22.12	22.11	21.73	21.79	23.5	0
15	16QAM	36	20	21.86	21.90	22.08	21.78	21.79		
15	16QAM	36	39	21.81	21.92	22.02	21.78	21.82		
15	16QAM	75	0	21.84	21.98	21.97	21.78	21.71		
15	64QAM	1	0	21.82	21.87	21.95	21.68	21.82	23.5	0
15	64QAM	1	37	21.81	21.85	22.01	21.51	21.73		
15	64QAM	1	74	21.85	21.95	21.95	21.73	21.68		
15	64QAM	36	0	21.07	21.10	21.17	20.79	20.96	22.5	1
15	64QAM	36	20	21.02	20.92	21.15	20.88	20.98		
15	64QAM	36	39	20.87	21.01	21.08	20.77	20.95		
15	64QAM	75	0	20.95	21.09	21.04	20.84	20.83		
15	256QAM	1	0	19.01	19.08	19.11	18.79	19.03	20.5	3
15	256QAM	1	37	18.99	19.02	19.05	18.89	19.01		
15	256QAM	1	74	18.82	19.02	19.06	18.79	18.85		
15	256QAM	36	0	19.00	19.10	19.06	18.87	18.88	20.5	3
15	256QAM	36	20	18.88	19.00	19.02	18.76	18.80		
15	256QAM	36	39	18.94	18.96	19.01	18.73	18.79		
15	256QAM	75	0	18.90	19.06	19.06	18.73	18.86		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.95	22.17	22.11	21.93	21.95	23.50	0
10	QPSK	1	25	22.03	22.06	22.19	21.86	21.96		
10	QPSK	1	49	21.87	22.04	22.12	21.74	21.84		
10	QPSK	25	0	21.99	22.06	22.08	21.80	21.77	23.5	0
10	QPSK	25	12	21.98	21.88	22.04	21.77	21.95		
10	QPSK	25	25	21.90	21.92	22.05	21.71	21.86		
10	QPSK	50	0	21.86	22.11	22.02	21.85	21.83		
10	16QAM	1	0	21.94	22.06	21.97	21.82	21.83	23.5	0
10	16QAM	1	25	22.00	21.90	22.01	21.81	21.89		
10	16QAM	1	49	21.77	21.86	22.02	21.77	21.86		
10	16QAM	25	0	21.96	22.09	22.06	21.82	21.78	23.5	0
10	16QAM	25	12	21.87	21.93	22.11	21.79	21.77		
10	16QAM	25	25	21.74	21.94	22.04	21.70	21.74		
10	16QAM	50	0	21.87	21.99	21.93	21.77	21.76		
10	64QAM	1	0	21.77	21.89	21.95	21.67	21.81	23.5	0
10	64QAM	1	25	21.80	21.84	22.00	21.55	21.78		
10	64QAM	1	49	21.82	21.98	21.97	21.64	21.75		
10	64QAM	25	0	21.04	21.18	21.15	20.77	20.90	22.5	1
10	64QAM	25	12	21.06	21.00	21.16	20.90	20.97		
10	64QAM	25	25	20.86	21.02	21.18	20.75	20.96		
10	64QAM	50	0	20.91	21.03	21.15	20.91	20.81		
10	256QAM	1	0	19.06	19.17	19.10	18.80	18.96	20.5	3
10	256QAM	1	25	18.99	18.98	19.11	18.94	18.94		
10	256QAM	1	49	18.87	19.06	19.11	18.76	18.84		
10	256QAM	25	0	18.99	19.04	19.00	18.89	18.86	20.5	3
10	256QAM	25	12	18.92	18.91	19.06	18.78	18.86		
10	256QAM	25	25	18.86	18.90	18.96	18.69	18.83		
10	256QAM	50	0	18.94	19.05	19.10	18.74	18.88		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.95	22.14	22.14	21.83	21.87	23.50	0
5	QPSK	1	12	22.04	22.06	22.13	21.87	21.94		
5	QPSK	1	24	21.85	21.98	22.04	21.73	21.87		
5	QPSK	12	0	21.96	22.09	22.16	21.80	21.80	23.5	0
5	QPSK	12	7	21.95	21.99	22.05	21.76	21.88		
5	QPSK	12	13	21.93	21.86	22.05	21.70	21.86		
5	QPSK	25	0	21.91	22.09	22.12	21.81	21.88		
5	16QAM	1	0	21.98	22.09	22.04	21.74	21.89	23.5	0
5	16QAM	1	12	21.96	21.98	22.02	21.79	21.86		
5	16QAM	1	24	21.81	21.90	21.96	21.75	21.82		
5	16QAM	12	0	21.96	22.12	22.05	21.83	21.81	23.5	0
5	16QAM	12	7	21.89	21.93	22.03	21.81	21.83		
5	16QAM	12	13	21.82	21.89	22.10	21.77	21.83		
5	16QAM	25	0	21.89	22.04	22.02	21.79	21.76		
5	64QAM	1	0	21.87	21.89	21.92	21.66	21.85	23.5	0
5	64QAM	1	12	21.75	21.86	22.00	21.52	21.80		
5	64QAM	1	24	21.87	21.99	21.96	21.70	21.69		
5	64QAM	12	0	21.01	21.17	21.09	20.81	20.97	22.5	1
5	64QAM	12	7	21.05	20.96	21.12	20.90	20.99		
5	64QAM	12	13	20.88	21.09	21.15	20.70	20.97		
5	64QAM	25	0	20.96	21.10	21.05	20.88	20.77		
5	256QAM	1	0	19.05	19.17	19.11	18.85	18.96	20.5	3
5	256QAM	1	12	19.00	19.02	19.10	18.86	19.02		
5	256QAM	1	24	18.90	18.97	19.04	18.74	18.92		
5	256QAM	12	0	18.96	19.13	19.05	18.86	18.88	20.5	3
5	256QAM	12	7	18.85	18.92	19.05	18.82	18.89		
5	256QAM	12	13	18.94	18.92	19.05	18.73	18.87		
5	256QAM	25	0	18.94	19.13	19.13	18.74	18.84		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.43	21.52	21.46	23	0
20	QPSK	1	49	21.36	21.48	21.37		
20	QPSK	1	99	21.31	21.47	21.41		
20	QPSK	50	0	20.47	20.54	20.40	22	1
20	QPSK	50	24	20.35	20.48	20.39		
20	QPSK	50	50	20.27	20.52	20.35		
20	QPSK	100	0	20.45	20.53	20.40		
20	16QAM	1	0	20.48	20.47	20.49	22	1
20	16QAM	1	49	20.36	20.54	20.34		
20	16QAM	1	99	20.33	20.52	20.43		
20	16QAM	50	0	19.47	19.56	19.43	21	2
20	16QAM	50	24	19.30	19.52	19.43		
20	16QAM	50	50	19.33	19.55	19.40		
20	16QAM	100	0	19.47	19.52	19.36		
20	64QAM	1	0	19.54	19.47	19.46	21	2
20	64QAM	1	49	19.40	19.58	19.37		
20	64QAM	1	99	19.31	19.47	19.37		
20	64QAM	50	0	18.53	18.59	18.43	20	3
20	64QAM	50	24	18.31	18.46	18.45		
20	64QAM	50	50	18.29	18.48	18.30		
20	64QAM	100	0	18.49	18.53	18.41		
20	256QAM	1	0	16.48	16.57	16.41	18	5
20	256QAM	1	49	16.38	16.50	16.39		
20	256QAM	1	99	16.21	16.50	16.34		
20	256QAM	50	0	16.47	16.53	16.46	18	5
20	256QAM	50	24	16.47	16.49	16.44		
20	256QAM	50	50	16.32	16.56	16.30		
20	256QAM	100	0	16.27	16.55	16.38		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.36	21.49	21.36	23	0
15	QPSK	1	37	21.31	21.37	21.32		
15	QPSK	1	74	21.17	21.45	21.37		
15	QPSK	36	0	20.42	20.47	20.29	22	1
15	QPSK	36	20	20.32	20.34	20.34		
15	QPSK	36	39	20.15	20.48	20.25		
15	QPSK	75	0	20.39	20.40	20.35		
15	16QAM	1	0	20.42	20.39	20.41	22	1
15	16QAM	1	37	20.25	20.41	20.30		
15	16QAM	1	74	20.22	20.40	20.35		
15	16QAM	36	0	19.36	19.45	19.33	21	2
15	16QAM	36	20	19.24	19.49	19.34		
15	16QAM	36	39	19.28	19.42	19.36		
15	16QAM	75	0	19.44	19.44	19.23		
15	64QAM	1	0	19.42	19.39	19.39	21	2
15	64QAM	1	37	19.28	19.51	19.33		
15	64QAM	1	74	19.21	19.39	19.30		
15	64QAM	36	0	18.49	18.48	18.36	20	3
15	64QAM	36	20	18.27	18.41	18.42		
15	64QAM	36	39	18.26	18.38	18.18		
15	64QAM	75	0	18.37	18.40	18.38		
15	256QAM	1	0	16.37	16.54	16.30	18	5
15	256QAM	1	37	16.25	16.41	16.35		
15	256QAM	1	74	16.09	16.40	16.21		
15	256QAM	36	0	16.43	16.48	16.43	18	5
15	256QAM	36	20	16.37	16.43	16.37		
15	256QAM	36	39	16.19	16.44	16.17		
15	256QAM	75	0	16.17	16.48	16.28		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.40	21.49	21.42	23	0
10	QPSK	1	25	21.27	21.38	21.28		
10	QPSK	1	49	21.25	21.38	21.30		
10	QPSK	25	0	20.34	20.50	20.29	22	1
10	QPSK	25	12	20.31	20.38	20.26		
10	QPSK	25	25	20.22	20.40	20.23		
10	QPSK	50	0	20.36	20.46	20.38		
10	16QAM	1	0	20.34	20.34	20.37	22	1
10	16QAM	1	25	20.30	20.41	20.24		
10	16QAM	1	49	20.20	20.39	20.37		
10	16QAM	25	0	19.38	19.45	19.32	21	2
10	16QAM	25	12	19.25	19.43	19.39		
10	16QAM	25	25	19.21	19.45	19.35		
10	16QAM	50	0	19.38	19.48	19.34		
10	64QAM	1	0	19.51	19.35	19.37	21	2
10	64QAM	1	25	19.37	19.51	19.30		
10	64QAM	1	49	19.18	19.44	19.28		
10	64QAM	25	0	18.49	18.45	18.35	20	3
10	64QAM	25	12	18.25	18.32	18.33		
10	64QAM	25	25	18.19	18.40	18.24		
10	64QAM	50	0	18.36	18.48	18.27		
10	256QAM	1	0	16.39	16.50	16.29	18	5
10	256QAM	1	25	16.31	16.44	16.35		
10	256QAM	1	49	16.11	16.41	16.29		
10	256QAM	25	0	16.36	16.50	16.43	18	5
10	256QAM	25	12	16.41	16.40	16.39		
10	256QAM	25	25	16.27	16.45	16.24		
10	256QAM	50	0	16.21	16.43	16.32		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.38	21.45	21.42	23	0
5	QPSK	1	12	21.31	21.40	21.35		
5	QPSK	1	24	21.20	21.40	21.38		
5	QPSK	12	0	20.37	20.48	20.26	22	1
5	QPSK	12	7	20.24	20.45	20.27		
5	QPSK	12	13	20.16	20.49	20.29		
5	QPSK	25	0	20.39	20.42	20.28		
5	16QAM	1	0	20.41	20.42	20.43	22	1
5	16QAM	1	12	20.23	20.41	20.26		
5	16QAM	1	24	20.21	20.45	20.35		
5	16QAM	12	0	19.40	19.51	19.37	21	2
5	16QAM	12	7	19.28	19.41	19.34		
5	16QAM	12	13	19.28	19.50	19.29		
5	16QAM	25	0	19.39	19.45	19.30		
5	64QAM	1	0	19.47	19.42	19.41	21	2
5	64QAM	1	12	19.36	19.49	19.35		
5	64QAM	1	24	19.17	19.40	19.35		
5	64QAM	12	0	18.48	18.47	18.40	20	3
5	64QAM	12	7	18.24	18.33	18.38		
5	64QAM	12	13	18.18	18.40	18.28		
5	64QAM	25	0	18.36	18.40	18.37		
5	256QAM	1	0	16.38	16.50	16.29	18	5
5	256QAM	1	12	16.30	16.47	16.35		
5	256QAM	1	24	16.15	16.37	16.22		
5	256QAM	12	0	16.40	16.44	16.32	18	5
5	256QAM	12	7	16.43	16.47	16.38		
5	256QAM	12	13	16.20	16.54	16.27		
5	256QAM	25	0	16.18	16.48	16.25		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.62	20.71	20.67	20.69	22	0
20	QPSK	1	49	20.58	20.68	20.64	20.62		
20	QPSK	1	99	20.50	20.65	20.59	20.57		
20	QPSK	50	0	19.58	19.72	19.71	19.66	21	1
20	QPSK	50	24	19.56	19.68	19.60	19.65		
20	QPSK	50	50	19.55	19.60	19.62	19.59		
20	QPSK	100	0	19.65	19.70	19.73	19.73		
20	16QAM	1	0	19.65	19.66	19.63	19.71	21	1
20	16QAM	1	49	19.58	19.65	19.61	19.63		
20	16QAM	1	99	19.47	19.68	19.57	19.62		
20	16QAM	50	0	18.63	18.68	18.73	18.60	20	2
20	16QAM	50	24	18.52	18.72	18.66	18.68		
20	16QAM	50	50	18.58	18.55	18.64	18.57		
20	16QAM	100	0	18.59	18.69	18.72	18.68		
20	64QAM	1	0	18.59	18.63	18.58	18.71	20	2
20	64QAM	1	49	18.55	18.62	18.57	18.68		
20	64QAM	1	99	18.42	18.71	18.55	18.66		
20	64QAM	50	0	17.58	17.78	17.67	17.64	19	3
20	64QAM	50	24	17.51	17.70	17.63	17.61		
20	64QAM	50	50	17.60	17.60	17.63	17.62		
20	64QAM	100	0	17.67	17.71	17.75	17.75		
20	256QAM	1	0	15.56	15.75	15.72	15.61	17	5
20	256QAM	1	49	15.53	15.63	15.66	15.61		
20	256QAM	1	99	15.59	15.60	15.62	15.55		
20	256QAM	50	0	15.63	15.76	15.72	15.68	17	5
20	256QAM	50	24	15.69	15.69	15.66	15.76		
20	256QAM	50	50	15.64	15.68	15.61	15.62		
20	256QAM	100	0	15.50	15.66	15.59	15.58		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.56	20.64	20.57	20.61	22	0
15	QPSK	1	37	20.53	20.65	20.52	20.51		
15	QPSK	1	74	20.43	20.59	20.55	20.48		
15	QPSK	36	0	19.46	19.67	19.57	19.58	21	1
15	QPSK	36	20	19.54	19.55	19.58	19.51		
15	QPSK	36	39	19.46	19.51	19.56	19.55		
15	QPSK	75	0	19.51	19.58	19.64	19.60		
15	16QAM	1	0	19.58	19.60	19.54	19.60	21	1
15	16QAM	1	37	19.45	19.63	19.48	19.55		
15	16QAM	1	74	19.44	19.60	19.48	19.49		
15	16QAM	36	0	18.56	18.66	18.70	18.55	20	2
15	16QAM	36	20	18.47	18.61	18.63	18.64		
15	16QAM	36	39	18.47	18.50	18.52	18.46		
15	16QAM	75	0	18.48	18.64	18.67	18.56		
15	64QAM	1	0	18.46	18.51	18.53	18.68	20	2
15	64QAM	1	37	18.43	18.60	18.43	18.61		
15	64QAM	1	74	18.30	18.60	18.48	18.55		
15	64QAM	36	0	17.56	17.70	17.58	17.57	19	3
15	64QAM	36	20	17.41	17.58	17.51	17.51		
15	64QAM	36	39	17.48	17.52	17.52	17.53		
15	64QAM	75	0	17.64	17.67	17.62	17.61		
15	256QAM	1	0	15.48	15.70	15.69	15.52	17	5
15	256QAM	1	37	15.39	15.59	15.60	15.52		
15	256QAM	1	74	15.57	15.55	15.50	15.47		
15	256QAM	36	0	15.59	15.70	15.60	15.64	17	5
15	256QAM	36	20	15.61	15.62	15.62	15.66		
15	256QAM	36	39	15.56	15.60	15.51	15.52		
15	256QAM	75	0	15.42	15.60	15.51	15.53		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.56	20.66	20.60	20.57	22	0
10	QPSK	1	25	20.46	20.54	20.61	20.55		
10	QPSK	1	49	20.47	20.53	20.52	20.53		
10	QPSK	25	0	19.46	19.67	19.66	19.56	21	1
10	QPSK	25	12	19.43	19.61	19.53	19.62		
10	QPSK	25	25	19.44	19.54	19.56	19.45		
10	QPSK	50	0	19.61	19.61	19.68	19.63		
10	16QAM	1	0	19.51	19.57	19.56	19.67	21	1
10	16QAM	1	25	19.45	19.59	19.56	19.50		
10	16QAM	1	49	19.40	19.62	19.47	19.56		
10	16QAM	25	0	18.53	18.62	18.64	18.51	20	2
10	16QAM	25	12	18.41	18.67	18.62	18.55		
10	16QAM	25	25	18.54	18.49	18.57	18.50		
10	16QAM	50	0	18.57	18.61	18.60	18.55		
10	64QAM	1	0	18.49	18.55	18.48	18.67	20	2
10	64QAM	1	25	18.50	18.52	18.45	18.57		
10	64QAM	1	49	18.32	18.58	18.51	18.63		
10	64QAM	25	0	17.45	17.65	17.54	17.59	19	3
10	64QAM	25	12	17.39	17.60	17.59	17.50		
10	64QAM	25	25	17.49	17.48	17.50	17.58		
10	64QAM	50	0	17.65	17.61	17.64	17.67		
10	256QAM	1	0	15.48	15.67	15.65	15.47	17	5
10	256QAM	1	25	15.47	15.52	15.54	15.49		
10	256QAM	1	49	15.47	15.51	15.53	15.41		
10	256QAM	25	0	15.53	15.70	15.64	15.64	17	5
10	256QAM	25	12	15.64	15.67	15.57	15.68		
10	256QAM	25	25	15.59	15.57	15.54	15.52		
10	256QAM	50	0	15.45	15.60	15.56	15.50		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.59	20.62	20.53	20.63	22	0
5	QPSK	1	12	20.51	20.54	20.54	20.53		
5	QPSK	1	24	20.40	20.61	20.51	20.52		
5	QPSK	12	0	19.56	19.68	19.63	19.53	21	1
5	QPSK	12	7	19.42	19.59	19.51	19.58		
5	QPSK	12	13	19.50	19.50	19.54	19.51		
5	QPSK	25	0	19.53	19.63	19.70			
5	16QAM	1	0	19.58	19.62	19.58	19.61	21	1
5	16QAM	1	12	19.51	19.56	19.53	19.55		
5	16QAM	1	24	19.41	19.63	19.52	19.49		
5	16QAM	12	0	18.50	18.54	18.61	18.56	20	2
5	16QAM	12	7	18.38	18.58	18.57	18.63		
5	16QAM	12	13	18.55	18.44	18.56	18.48		
5	16QAM	25	0	18.47	18.62	18.66	18.61		
5	64QAM	1	0	18.47	18.52	18.47	18.66	20	2
5	64QAM	1	12	18.45	18.53	18.53	18.60		
5	64QAM	1	24	18.38	18.62	18.45	18.53		
5	64QAM	12	0	17.50	17.70	17.54	17.60	19	3
5	64QAM	12	7	17.45	17.57	17.51	17.56		
5	64QAM	12	13	17.58	17.53	17.53	17.55		
5	64QAM	25	0	17.62	17.63	17.65	17.68		
5	256QAM	1	0	15.46	15.71	15.63	15.54	17	5
5	256QAM	1	12	15.42	15.54	15.54	15.53		
5	256QAM	1	24	15.46	15.50	15.53	15.47		
5	256QAM	12	0	15.51	15.69	15.64	15.60	17	5
5	256QAM	12	7	15.67	15.63	15.56	15.63		
5	256QAM	12	13	15.60	15.60	15.53	15.53		
5	256QAM	25	0	15.38	15.53	15.53	15.44		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	25.07	25.13	25.09	26	0
20	QPSK	1	49	24.95	25.10	25.05		
20	QPSK	1	99	24.98	25.06	24.95		
20	QPSK	50	0	24.03	24.16	24.08	25	1
20	QPSK	50	24	23.96	24.09	24.03		
20	QPSK	50	50	23.92	24.04	23.99		
20	QPSK	100	0	24.04	24.13	24.14		
20	16QAM	1	0	24.11	24.11	24.07	25	1
20	16QAM	1	49	23.89	24.09	24.07		
20	16QAM	1	99	24.01	24.09	23.94		
20	16QAM	50	0	23.08	23.19	23.04	24	2
20	16QAM	50	24	22.96	23.10	23.00		
20	16QAM	50	50	22.98	23.05	23.03		
20	16QAM	100	0	23.03	23.17	23.18		
20	64QAM	1	0	23.12	23.10	23.07	24	2
20	64QAM	1	49	22.88	23.11	23.08		
20	64QAM	1	99	23.02	23.10	22.97		
20	64QAM	50	0	22.04	22.19	22.06	23	3
20	64QAM	50	24	21.99	22.05	22.00		
20	64QAM	50	50	21.97	22.08	21.96		
20	64QAM	100	0	22.02	22.07	22.20		
20	256QAM	1	0	19.97	20.12	20.13	21	5
20	256QAM	1	49	19.97	20.07	20.02		
20	256QAM	1	99	19.93	19.99	19.99		
20	256QAM	50	0	20.09	20.08	20.19	21	5
20	256QAM	50	24	20.09	20.08	20.07		
20	256QAM	50	50	19.86	20.04	20.07		
20	256QAM	100	0	19.96	20.08	19.96		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.95	25.01	25.06	26	0
15	QPSK	1	37	24.82	25.00	24.98		
15	QPSK	1	74	24.84	24.98	24.83		
15	QPSK	36	0	24.00	24.10	24.02	25	1
15	QPSK	36	20	23.86	24.01	23.98		
15	QPSK	36	39	23.82	23.90	23.86		
15	QPSK	75	0	23.96	24.09	24.03		
15	16QAM	1	0	24.06	24.08	24.00	25	1
15	16QAM	1	37	23.80	24.00	23.94		
15	16QAM	1	74	23.95	24.03	23.90		
15	16QAM	36	0	23.00	23.12	22.96	24	2
15	16QAM	36	20	22.90	23.02	22.96		
15	16QAM	36	39	22.93	22.98	22.92		
15	16QAM	75	0	22.94	23.14	23.05		
15	64QAM	1	0	23.01	23.01	22.94	24	2
15	64QAM	1	37	22.83	23.01	23.03		
15	64QAM	1	74	22.88	23.07	22.91		
15	64QAM	36	0	21.98	22.14	22.02	23	3
15	64QAM	36	20	21.90	21.94	21.91		
15	64QAM	36	39	21.88	21.96	21.92		
15	64QAM	75	0	21.94	21.95	22.13		
15	256QAM	1	0	19.85	20.01	20.01	21	5
15	256QAM	1	37	19.95	19.95	19.93		
15	256QAM	1	74	19.88	19.92	19.91		
15	256QAM	36	0	20.07	20.05	20.17	21	5
15	256QAM	36	20	19.98	19.98	19.96		
15	256QAM	36	39	19.79	19.99	19.98		
15	256QAM	75	0	19.88	19.95	19.91		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	25.02	25.08	25.02	26	0
10	QPSK	1	25	24.83	25.07	25.00		
10	QPSK	1	49	24.89	25.00	24.91		
10	QPSK	25	0	23.90	24.04	23.99	25	1
10	QPSK	25	12	23.90	24.06	23.94		
10	QPSK	25	25	23.80	23.98	23.96		
10	QPSK	50	0	23.97	24.08	24.09		
10	16QAM	1	0	24.07	24.05	24.00	25	1
10	16QAM	1	25	23.83	23.99	23.99		
10	16QAM	1	49	23.90	24.01	23.91		
10	16QAM	25	0	22.96	23.06	22.98	24	2
10	16QAM	25	12	22.88	23.07	22.93		
10	16QAM	25	25	22.90	22.94	22.99		
10	16QAM	50	0	22.99	23.12	23.08		
10	64QAM	1	0	23.01	23.00	22.97	24	2
10	64QAM	1	25	22.81	23.02	22.99		
10	64QAM	1	49	22.90	22.96	22.91		
10	64QAM	25	0	21.91	22.17	21.98	23	3
10	64QAM	25	12	21.88	21.93	21.95		
10	64QAM	25	25	21.85	22.00	21.90		
10	64QAM	50	0	21.94	22.05	22.10		
10	256QAM	1	0	19.88	20.07	20.00	21	5
10	256QAM	1	25	19.85	20.02	19.89		
10	256QAM	1	49	19.86	19.92	19.88		
10	256QAM	25	0	19.96	20.00	20.16	21	5
10	256QAM	25	12	20.06	19.98	19.96		
10	256QAM	25	25	19.77	19.96	19.97		
10	256QAM	50	0	19.90	20.02	19.83		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.98	24.99	25.03	26	0
5	QPSK	1	12	24.84	25.02	24.95		
5	QPSK	1	24	24.85	24.96	24.90		
5	QPSK	12	0	23.93	24.08	23.94	25	1
5	QPSK	12	7	23.92	23.98	23.94		
5	QPSK	12	13	23.88	23.93	23.88		
5	QPSK	25	0	23.96	24.10	24.03		
5	16QAM	1	0	23.99	24.02	24.03	25	1
5	16QAM	1	12	23.77	24.03	23.96		
5	16QAM	1	24	23.95	24.05	23.81		
5	16QAM	12	0	23.01	23.09	22.93	24	2
5	16QAM	12	7	22.86	23.01	22.97		
5	16QAM	12	13	22.96	22.99	22.90		
5	16QAM	25	0	22.94	23.05	23.14		
5	64QAM	1	0	23.09	23.04	23.05	24	2
5	64QAM	1	12	22.83	23.08	23.04		
5	64QAM	1	24	22.92	22.97	22.83		
5	64QAM	12	0	21.96	22.10	22.01	23	3
5	64QAM	12	7	21.90	22.02	21.90		
5	64QAM	12	13	21.87	22.04	21.90		
5	64QAM	25	0	21.95	22.03	22.07		
5	256QAM	1	0	19.93	20.05	20.05	21	5
5	256QAM	1	12	19.88	20.03	19.95		
5	256QAM	1	24	19.79	19.97	19.90		
5	256QAM	12	0	20.05	20.04	20.14	21	5
5	256QAM	12	7	20.00	19.98	19.94		
5	256QAM	12	13	19.75	19.98	20.03		
5	256QAM	25	0	19.91	20.04	19.90		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.95	24.07	24.01	24.00	25	0
20	QPSK	1	49	23.90	24.04	23.93	23.87		
20	QPSK	1	99	23.86	24.00	23.90	23.97		
20	QPSK	50	0	22.95	23.07	22.97	23.06	24	1
20	QPSK	50	24	22.96	23.05	22.93	22.88		
20	QPSK	50	50	22.81	23.03	22.96	22.96		
20	QPSK	100	0	22.94	23.03	23.04	22.96		
20	16QAM	1	0	22.90	23.02	23.05	22.99	24	1
20	16QAM	1	49	22.89	23.01	22.99	22.90		
20	16QAM	1	99	22.88	23.02	22.89	22.92		
20	16QAM	50	0	21.94	22.05	21.96	22.10	23	2
20	16QAM	50	24	22.00	22.07	21.96	21.90		
20	16QAM	50	50	21.76	22.05	21.91	21.95		
20	16QAM	100	0	21.98	22.07	22.04	21.95		
20	64QAM	1	0	21.95	22.02	22.00	22.05	23	2
20	64QAM	1	49	21.84	22.05	22.04	21.89		
20	64QAM	1	99	21.86	22.03	21.84	21.86		
20	64QAM	50	0	20.99	21.07	20.95	21.08	22	3
20	64QAM	50	24	20.99	21.03	20.88	20.84		
20	64QAM	50	50	20.79	21.05	21.00	20.91		
20	64QAM	100	0	20.93	21.03	21.04	21.01		
20	256QAM	1	0	18.94	19.13	18.96	19.06	20	5
20	256QAM	1	49	18.96	19.00	18.88	18.92		
20	256QAM	1	99	18.85	19.05	18.97	18.98		
20	256QAM	50	0	18.92	19.04	19.01	18.96	20	5
20	256QAM	50	24	18.92	18.97	19.03	19.01		
20	256QAM	50	50	18.94	18.95	19.03	18.96		
20	256QAM	100	0	18.94	18.99	18.86	18.89		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.91	24.02	23.89	23.95	25	0
15	QPSK	1	37	23.86	23.99	23.88	23.80		
15	QPSK	1	74	23.73	23.86	23.85	23.87		
15	QPSK	36	0	22.85	22.93	22.91	22.92	24	1
15	QPSK	36	20	22.88	22.96	22.87	22.79		
15	QPSK	36	39	22.73	22.97	22.84	22.88		
15	QPSK	75	0	22.92	22.94	23.02	22.88		
15	16QAM	1	0	22.79	23.00	22.93	22.93	24	1
15	16QAM	1	37	22.77	22.90	22.91	22.83		
15	16QAM	1	74	22.84	22.99	22.75	22.83		
15	16QAM	36	0	21.83	21.99	21.82	22.08	23	2
15	16QAM	36	20	21.92	22.03	21.86	21.86		
15	16QAM	36	39	21.74	21.94	21.78	21.84		
15	16QAM	75	0	21.96	21.95	21.92	21.93		
15	64QAM	1	0	21.90	21.95	21.88	21.95	23	2
15	64QAM	1	37	21.72	21.95	21.94	21.84		
15	64QAM	1	74	21.81	22.01	21.81	21.79		
15	64QAM	36	0	20.89	21.04	20.86	21.03	22	3
15	64QAM	36	20	20.96	20.89	20.80	20.82		
15	64QAM	36	39	20.72	20.99	20.95	20.88		
15	64QAM	75	0	20.87	20.98	20.94	20.91		
15	256QAM	1	0	18.89	19.10	18.85	18.99	20	5
15	256QAM	1	37	18.84	18.96	18.76	18.84		
15	256QAM	1	74	18.77	18.98	18.85	18.87		
15	256QAM	36	0	18.86	18.95	18.90	18.93	20	5
15	256QAM	36	20	18.80	18.83	18.96	18.88		
15	256QAM	36	39	18.88	18.81	18.99	18.86		
15	256QAM	75	0	18.83	18.96	18.75	18.79		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.88	23.94	23.90	23.94	25	0
10	QPSK	1	25	23.82	23.93	23.86	23.77		
10	QPSK	1	49	23.73	23.91	23.77	23.84		
10	QPSK	25	0	22.83	23.01	22.94	23.00	24	1
10	QPSK	25	12	22.83	23.01	22.83	22.76		
10	QPSK	25	25	22.77	23.00	22.89	22.88		
10	QPSK	50	0	22.84	22.93	22.99	22.85		
10	16QAM	1	0	22.87	22.90	22.98	22.87	24	1
10	16QAM	1	25	22.85	22.98	22.97	22.84		
10	16QAM	1	49	22.85	22.94	22.79	22.80		
10	16QAM	25	0	21.85	21.97	21.86	21.98	23	2
10	16QAM	25	12	21.86	21.93	21.91	21.82		
10	16QAM	25	25	21.66	21.99	21.83	21.86		
10	16QAM	50	0	21.85	22.00	21.92	21.86		
10	64QAM	1	0	21.92	21.92	21.90	22.03	23	2
10	64QAM	1	25	21.75	21.97	21.93	21.83		
10	64QAM	1	49	21.81	21.96	21.76	21.78		
10	64QAM	25	0	20.86	20.96	20.92	21.04	22	3
10	64QAM	25	12	20.92	20.90	20.78	20.79		
10	64QAM	25	25	20.65	21.00	20.89	20.86		
10	64QAM	50	0	20.89	20.93	20.95	20.95		
10	256QAM	1	0	18.81	19.00	18.87	19.01	20	5
10	256QAM	1	25	18.91	18.86	18.74	18.82		
10	256QAM	1	49	18.81	19.00	18.92	18.85		
10	256QAM	25	0	18.81	18.91	18.97	18.94	20	5
10	256QAM	25	12	18.80	18.89	19.00	18.91		
10	256QAM	25	25	18.80	18.91	18.96	18.82		
10	256QAM	50	0	18.81	18.93	18.74	18.83		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.87	24.01	23.94	23.92	25	0
5	QPSK	1	12	23.86	23.97	23.89	23.83		
5	QPSK	1	24	23.77	23.92	23.85	23.92		
5	QPSK	12	0	22.86	22.93	22.91	22.96	24	1
5	QPSK	12	7	22.94	23.00	22.79	22.81		
5	QPSK	12	13	22.73	22.98	22.91	22.88		
5	QPSK	25	0	22.89	22.97	23.02	22.92		
5	16QAM	1	0	22.79	22.96	23.01	22.88	24	1
5	16QAM	1	12	22.82	22.90	22.90	22.83		
5	16QAM	1	24	22.78	22.95	22.85	22.87		
5	16QAM	12	0	21.82	22.02	21.88	21.96	23	2
5	16QAM	12	7	21.87	21.97	21.84	21.77		
5	16QAM	12	13	21.64	21.93	21.80	21.85		
5	16QAM	25	0	21.86	22.04	22.00	21.86		
5	64QAM	1	0	21.89	21.88	21.90	21.96	23	2
5	64QAM	1	12	21.71	21.94	21.94	21.77		
5	64QAM	1	24	21.77	21.96	21.78	21.82		
5	64QAM	12	0	20.94	21.00	20.83	20.95	22	3
5	64QAM	12	7	20.93	20.92	20.80	20.73		
5	64QAM	12	13	20.74	20.95	20.89	20.78		
5	64QAM	25	0	20.79	20.92	21.00	20.94		
5	256QAM	1	0	18.89	19.09	18.90	19.00	20	5
5	256QAM	1	12	18.93	18.91	18.75	18.80		
5	256QAM	1	24	18.81	19.03	18.83	18.94		
5	256QAM	12	0	18.86	19.01	18.96	18.82	20	5
5	256QAM	12	7	18.88	18.89	18.95	18.96		
5	256QAM	12	13	18.83	18.92	19.00	18.88		
5	256QAM	25	0	18.85	18.93	18.78	18.82		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.04	24.10	24.08	25.5	0
20	QPSK	1	49	23.91	24.05	24.03		
20	QPSK	1	99	24.00	24.03	24.06		
20	QPSK	50	0	23.04	23.15	23.11	24.5	1
20	QPSK	50	24	22.86	23.10	22.98		
20	QPSK	50	50	23.03	23.02	23.07		
20	QPSK	100	0	23.10	23.10	23.10		
20	16QAM	1	0	23.03	23.08	23.10	24.5	1
20	16QAM	1	49	22.93	23.06	22.99		
20	16QAM	1	99	23.00	22.99	23.10		
20	16QAM	50	0	22.03	22.17	22.15	23.5	2
20	16QAM	50	24	21.83	22.10	22.03		
20	16QAM	50	50	21.98	22.04	22.01		
20	16QAM	100	0	22.06	22.07	22.07		
20	64QAM	1	0	22.04	22.07	22.09	23.5	2
20	64QAM	1	49	21.98	22.10	22.04		
20	64QAM	1	99	22.00	21.98	22.06		
20	64QAM	50	0	21.01	21.20	21.11	22.5	3
20	64QAM	50	24	20.89	21.15	20.96		
20	64QAM	50	50	21.02	21.01	21.02		
20	64QAM	100	0	21.15	21.13	21.05		
20	256QAM	1	0	19.06	19.18	19.10	20.5	5
20	256QAM	1	49	18.84	19.10	18.99		
20	256QAM	1	99	18.98	19.05	19.06		
20	256QAM	50	0	19.09	19.10	19.15	20.5	5
20	256QAM	50	24	18.97	19.14	19.09		
20	256QAM	50	50	18.88	19.10	19.02		
20	256QAM	100	0	19.01	19.02	19.14		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.00	23.98	23.99	25.5	0
15	QPSK	1	37	23.77	23.92	23.93		
15	QPSK	1	74	23.93	23.99	24.00		
15	QPSK	36	0	23.02	23.06	23.00	24.5	1
15	QPSK	36	20	22.74	23.04	22.93		
15	QPSK	36	39	22.92	22.94	23.02		
15	QPSK	75	0	23.03	23.05	23.07		
15	16QAM	1	0	22.96	22.95	23.06	24.5	1
15	16QAM	1	37	22.81	22.96	22.95		
15	16QAM	1	74	22.87	22.90	23.02		
15	16QAM	36	0	21.98	22.05	22.06	23.5	2
15	16QAM	36	20	21.70	22.02	21.96		
15	16QAM	36	39	21.95	21.95	21.99		
15	16QAM	75	0	22.00	22.00	21.96		
15	64QAM	1	0	21.97	22.02	21.98	23.5	2
15	64QAM	1	37	21.90	21.97	22.00		
15	64QAM	1	74	21.97	21.85	22.01		
15	64QAM	36	0	20.89	21.15	21.04	22.5	3
15	64QAM	36	20	20.85	21.06	20.87		
15	64QAM	36	39	20.95	20.92	20.91		
15	64QAM	75	0	21.08	21.04	21.01		
15	256QAM	1	0	19.01	19.12	18.99	20.5	5
15	256QAM	1	37	18.72	19.01	18.92		
15	256QAM	1	74	18.95	18.94	18.96		
15	256QAM	36	0	18.95	19.05	19.11	20.5	5
15	256QAM	36	20	18.95	19.00	19.00		
15	256QAM	36	39	18.84	19.02	18.97		
15	256QAM	75	0	18.93	18.97	19.05		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.96	23.98	24.02	25.5	0
10	QPSK	1	25	23.83	24.01	23.98		
10	QPSK	1	49	23.87	23.99	23.94		
10	QPSK	25	0	23.00	23.08	22.98	24.5	1
10	QPSK	25	12	22.82	22.97	22.94		
10	QPSK	25	25	22.92	22.99	22.98		
10	QPSK	50	0	23.06	23.03	23.07		
10	16QAM	1	0	22.94	23.04	23.04	24.5	1
10	16QAM	1	25	22.83	23.03	22.92		
10	16QAM	1	49	22.87	22.96	22.98		
10	16QAM	25	0	21.99	22.12	22.10	23.5	2
10	16QAM	25	12	21.78	22.02	21.93		
10	16QAM	25	25	21.88	21.98	21.90		
10	16QAM	50	0	22.00	21.93	21.94		
10	64QAM	1	0	21.94	21.99	22.01	23.5	2
10	64QAM	1	25	21.87	21.98	21.91		
10	64QAM	1	49	21.88	21.84	21.98		
10	64QAM	25	0	20.93	21.06	20.98	22.5	3
10	64QAM	25	12	20.83	21.03	20.89		
10	64QAM	25	25	20.99	20.96	20.94		
10	64QAM	50	0	21.13	21.03	20.97		
10	256QAM	1	0	19.01	19.05	19.01	20.5	5
10	256QAM	1	25	18.72	18.98	18.93		
10	256QAM	1	49	18.94	19.00	18.99		
10	256QAM	25	0	18.95	19.05	19.12	20.5	5
10	256QAM	25	12	18.86	19.00	18.97		
10	256QAM	25	25	18.84	18.99	18.94		
10	256QAM	50	0	18.97	19.00	19.11		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.01	24.04	23.97	25.5	0
5	QPSK	1	12	23.88	23.97	23.91		
5	QPSK	1	24	23.94	23.95	24.02		
5	QPSK	12	0	22.95	23.02	22.98	24.5	1
5	QPSK	12	7	22.84	22.98	22.84		
5	QPSK	12	13	22.91	22.98	22.93		
5	QPSK	25	0	23.00	23.03	23.03		
5	16QAM	1	0	22.98	22.97	22.98	24.5	1
5	16QAM	1	12	22.85	22.95	22.89		
5	16QAM	1	24	22.90	22.91	23.03		
5	16QAM	12	0	22.00	22.09	22.08	23.5	2
5	16QAM	12	7	21.75	22.07	21.94		
5	16QAM	12	13	21.87	22.01	21.95		
5	16QAM	25	0	21.93	21.95	21.96		
5	64QAM	1	0	21.91	21.95	22.06	23.5	2
5	64QAM	1	12	21.89	22.08	21.91		
5	64QAM	1	24	21.93	21.91	21.96		
5	64QAM	12	0	20.91	21.14	21.02	22.5	3
5	64QAM	12	7	20.81	21.12	20.86		
5	64QAM	12	13	20.98	20.93	20.94		
5	64QAM	25	0	21.07	21.00	21.00		
5	256QAM	1	0	19.04	19.09	18.99	20.5	5
5	256QAM	1	12	18.79	18.99	18.87		
5	256QAM	1	24	18.87	18.92	18.93		
5	256QAM	12	0	19.03	19.06	19.13	20.5	5
5	256QAM	12	7	18.89	19.02	19.04		
5	256QAM	12	13	18.86	19.05	18.99		
5	256QAM	25	0	18.92	18.95	19.08		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.32	23.40	23.35	23.29	25	0
20	QPSK	1	49	23.28	23.36	23.30	23.25		
20	QPSK	1	99	23.30	23.35	23.30	23.21		
20	QPSK	50	0	22.26	22.43	22.38	22.31	24	1
20	QPSK	50	24	22.31	22.38	22.32	22.28		
20	QPSK	50	50	22.30	22.39	22.25	22.26		
20	QPSK	100	0	22.38	22.37	22.33	22.24		
20	16QAM	1	0	22.29	22.36	22.32	22.27	24	1
20	16QAM	1	49	22.31	22.31	22.34	22.25		
20	16QAM	1	99	22.27	22.33	22.32	22.16		
20	16QAM	50	0	21.21	21.41	21.37	21.27	23	2
20	16QAM	50	24	21.34	21.41	21.28	21.26		
20	16QAM	50	50	21.31	21.38	21.24	21.23		
20	16QAM	100	0	21.35	21.36	21.30	21.21		
20	64QAM	1	0	21.24	21.41	21.29	21.31	23	2
20	64QAM	1	49	21.28	21.25	21.33	21.27		
20	64QAM	1	99	21.28	21.36	21.35	21.21		
20	64QAM	50	0	20.29	20.41	20.32	20.28	22	3
20	64QAM	50	24	20.29	20.32	20.31	20.27		
20	64QAM	50	50	20.35	20.39	20.27	20.28		
20	64QAM	100	0	20.41	20.31	20.38	20.20		
20	256QAM	1	0	18.30	18.44	18.33	18.30	20	5
20	256QAM	1	49	18.30	18.37	18.30	18.30		
20	256QAM	1	99	18.27	18.40	18.26	18.22		
20	256QAM	50	0	18.43	18.42	18.31	18.19	20	5
20	256QAM	50	24	18.35	18.40	18.34	18.28		
20	256QAM	50	50	18.26	18.26	18.34	18.27		
20	256QAM	100	0	18.26	18.37	18.32	18.21		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.23	23.37	23.28	23.16	25	0
15	QPSK	1	37	23.24	23.27	23.28	23.22		
15	QPSK	1	74	23.27	23.30	23.25	23.11		
15	QPSK	36	0	22.15	22.38	22.34	22.25	24	1
15	QPSK	36	20	22.21	22.25	22.21	22.20		
15	QPSK	36	39	22.25	22.29	22.12	22.22		
15	QPSK	75	0	22.29	22.23	22.28	22.12		
15	16QAM	1	0	22.17	22.26	22.22	22.22	24	1
15	16QAM	1	37	22.24	22.21	22.26	22.17		
15	16QAM	1	74	22.19	22.28	22.22	22.06		
15	16QAM	36	0	21.13	21.28	21.23	21.25	23	2
15	16QAM	36	20	21.27	21.28	21.20	21.15		
15	16QAM	36	39	21.19	21.28	21.11	21.12		
15	16QAM	75	0	21.22	21.27	21.18	21.11		
15	64QAM	1	0	21.21	21.37	21.24	21.17	23	2
15	64QAM	1	37	21.15	21.15	21.19	21.24		
15	64QAM	1	74	21.18	21.33	21.23	21.17		
15	64QAM	36	0	20.23	20.28	20.19	20.17	22	3
15	64QAM	36	20	20.23	20.20	20.23	20.16		
15	64QAM	36	39	20.26	20.35	20.24	20.16		
15	64QAM	75	0	20.37	20.26	20.33	20.09		
15	256QAM	1	0	18.24	18.32	18.23	18.24	20	5
15	256QAM	1	37	18.23	18.33	18.27	18.23		
15	256QAM	1	74	18.24	18.30	18.19	18.09		
15	256QAM	36	0	18.38	18.34	18.29	18.05	20	5
15	256QAM	36	20	18.32	18.32	18.21	18.25		
15	256QAM	36	39	18.15	18.12	18.29	18.17		
15	256QAM	75	0	18.20	18.28	18.24	18.14		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.26	23.29	23.22	23.23	25	0
10	QPSK	1	25	23.22	23.28	23.23	23.19		
10	QPSK	1	49	23.24	23.33	23.17	23.08		
10	QPSK	25	0	22.16	22.37	22.34	22.26	24	1
10	QPSK	25	12	22.27	22.24	22.26	22.20		
10	QPSK	25	25	22.24	22.36	22.17	22.18		
10	QPSK	50	0	22.34	22.29	22.21	22.11		
10	16QAM	1	0	22.18	22.25	22.25	22.23	24	1
10	16QAM	1	25	22.18	22.18	22.31	22.12		
10	16QAM	1	49	22.13	22.26	22.28	22.09		
10	16QAM	25	0	21.15	21.28	21.26	21.21	23	2
10	16QAM	25	12	21.25	21.36	21.25	21.18		
10	16QAM	25	25	21.26	21.32	21.14	21.14		
10	16QAM	50	0	21.30	21.27	21.20	21.18		
10	64QAM	1	0	21.13	21.33	21.26	21.22	23	2
10	64QAM	1	25	21.25	21.16	21.19	21.16		
10	64QAM	1	49	21.22	21.27	21.32	21.15		
10	64QAM	25	0	20.20	20.34	20.20	20.15	22	3
10	64QAM	25	12	20.26	20.22	20.19	20.19		
10	64QAM	25	25	20.26	20.28	20.15	20.21		
10	64QAM	50	0	20.28	20.27	20.26	20.13		
10	256QAM	1	0	18.21	18.31	18.25	18.26	20	5
10	256QAM	1	25	18.26	18.27	18.17	18.24		
10	256QAM	1	49	18.13	18.27	18.16	18.12		
10	256QAM	25	0	18.37	18.39	18.24	18.06	20	5
10	256QAM	25	12	18.32	18.27	18.20	18.16		
10	256QAM	25	25	18.21	18.16	18.31	18.15		
10	256QAM	50	0	18.17	18.25	18.26	18.17		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	23.23	23.36	23.23	23.22	25	0
5	QPSK	1	12	23.16	23.34	23.27	23.12		
5	QPSK	1	24	23.20	23.25	23.25	23.10		
5	QPSK	12	0	22.23	22.35	22.32	22.22	24	1
5	QPSK	12	7	22.22	22.36	22.22	22.15		
5	QPSK	12	13	22.18	22.33	22.14	22.12		
5	QPSK	25	0	22.29	22.31	22.24	22.20		
5	16QAM	1	0	22.19	22.30	22.19	22.16	24	1
5	16QAM	1	12	22.17	22.21	22.23	22.21		
5	16QAM	1	24	22.17	22.26	22.26	22.07		
5	16QAM	12	0	21.16	21.35	21.27	21.14	23	2
5	16QAM	12	7	21.29	21.30	21.18	21.23		
5	16QAM	12	13	21.18	21.28	21.16	21.11		
5	16QAM	25	0	21.26	21.26	21.27	21.14		
5	64QAM	1	0	21.22	21.33	21.24	21.19	23	2
5	64QAM	1	12	21.15	21.16	21.21	21.23		
5	64QAM	1	24	21.14	21.25	21.26	21.09		
5	64QAM	12	0	20.20	20.29	20.19	20.15	22	3
5	64QAM	12	7	20.25	20.28	20.19	20.16		
5	64QAM	12	13	20.27	20.35	20.21	20.18		
5	64QAM	25	0	20.27	20.23	20.26	20.10		
5	256QAM	1	0	18.18	18.31	18.26	18.16	20	5
5	256QAM	1	12	18.25	18.25	18.24	18.21		
5	256QAM	1	24	18.22	18.31	18.22	18.19		
5	256QAM	12	0	18.39	18.34	18.23	18.09	20	5
5	256QAM	12	7	18.31	18.29	18.23	18.23		
5	256QAM	12	13	18.15	18.13	18.21	18.16		
5	256QAM	25	0	18.20	18.32	18.28	18.14		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.54	22.56	22.45	24	0
20	QPSK	1	49	22.46	22.49	22.40		
20	QPSK	1	99	22.33	22.49	22.45		
20	QPSK	50	0	22.44	22.53	22.32	24	0
20	QPSK	50	24	22.34	22.40	22.28		
20	QPSK	50	50	22.29	22.36	22.36		
20	QPSK	100	0	22.46	22.50	22.36		
20	16QAM	1	0	22.48	22.46	22.38	24	0
20	16QAM	1	49	22.33	22.46	22.27		
20	16QAM	1	99	22.26	22.45	22.37		
20	16QAM	50	0	21.56	21.60	21.50	23	1
20	16QAM	50	24	21.43	21.50	21.34		
20	16QAM	50	50	21.37	21.53	21.40		
20	16QAM	100	0	21.43	21.49	21.37		
20	64QAM	1	0	21.29	21.44	21.23	23	1
20	64QAM	1	49	21.29	21.32	21.40		
20	64QAM	1	99	21.52	21.46	21.31		
20	64QAM	50	0	20.56	20.58	20.51	22	2
20	64QAM	50	24	20.44	20.49	20.34		
20	64QAM	50	50	20.30	20.46	20.49		
20	64QAM	100	0	20.48	20.57	20.31		
20	256QAM	1	0	18.51	18.56	18.44	20	4
20	256QAM	1	49	18.41	18.45	18.41		
20	256QAM	1	99	18.38	18.52	18.50		
20	256QAM	50	0	18.39	18.56	18.34	20	4
20	256QAM	50	24	18.30	18.41	18.25		
20	256QAM	50	50	18.33	18.42	18.35		
20	256QAM	100	0	18.45	18.55	18.37		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.45	22.51	22.35	24	0
15	QPSK	1	37	22.35	22.45	22.27		
15	QPSK	1	74	22.31	22.41	22.39		
15	QPSK	36	0	22.31	22.44	22.27	24	0
15	QPSK	36	20	22.30	22.27	22.16		
15	QPSK	36	39	22.26	22.26	22.33		
15	QPSK	75	0	22.41	22.41	22.31		
15	16QAM	1	0	22.44	22.33	22.27	24	0
15	16QAM	1	37	22.26	22.34	22.20		
15	16QAM	1	74	22.20	22.35	22.34		
15	16QAM	36	0	21.52	21.47	21.46	23	1
15	16QAM	36	20	21.33	21.47	21.23		
15	16QAM	36	39	21.24	21.50	21.37		
15	16QAM	75	0	21.36	21.43	21.33		
15	64QAM	1	0	21.20	21.32	21.14	23	1
15	64QAM	1	37	21.23	21.27	21.36		
15	64QAM	1	74	21.38	21.39	21.18		
15	64QAM	36	0	20.49	20.48	20.47	22	2
15	64QAM	36	20	20.35	20.37	20.21		
15	64QAM	36	39	20.16	20.40	20.40		
15	64QAM	75	0	20.43	20.44	20.25		
15	256QAM	1	0	18.41	18.48	18.31	20	4
15	256QAM	1	37	18.27	18.32	18.33		
15	256QAM	1	74	18.27	18.39	18.42		
15	256QAM	36	0	18.27	18.47	18.30	20	4
15	256QAM	36	20	18.17	18.32	18.13		
15	256QAM	36	39	18.27	18.31	18.30		
15	256QAM	75	0	18.35	18.42	18.29		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.40	22.49	22.32	24	0
10	QPSK	1	25	22.43	22.38	22.26		
10	QPSK	1	49	22.27	22.44	22.31		
10	QPSK	25	0	22.36	22.48	22.20	24	0
10	QPSK	25	12	22.25	22.28	22.15		
10	QPSK	25	25	22.18	22.25	22.26		
10	QPSK	50	0	22.32	22.44	22.30		
10	16QAM	1	0	22.43	22.37	22.28	24	0
10	16QAM	1	25	22.29	22.34	22.19		
10	16QAM	1	49	22.16	22.38	22.32		
10	16QAM	25	0	21.44	21.58	21.44	23	1
10	16QAM	25	12	21.38	21.44	21.30		
10	16QAM	25	25	21.35	21.42	21.37		
10	16QAM	50	0	21.38	21.40	21.24		
10	64QAM	1	0	21.25	21.40	21.15	23	1
10	64QAM	1	25	21.16	21.24	21.28		
10	64QAM	1	49	21.40	21.43	21.24		
10	64QAM	25	0	20.53	20.51	20.41	22	2
10	64QAM	25	12	20.40	20.42	20.25		
10	64QAM	25	25	20.28	20.42	20.38		
10	64QAM	50	0	20.42	20.53	20.21		
10	256QAM	1	0	18.48	18.49	18.31	20	4
10	256QAM	1	25	18.31	18.37	18.29		
10	256QAM	1	49	18.24	18.46	18.41		
10	256QAM	25	0	18.32	18.44	18.29	20	4
10	256QAM	25	12	18.22	18.30	18.17		
10	256QAM	25	25	18.22	18.31	18.26		
10	256QAM	50	0	18.38	18.52	18.27		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.52	22.44	22.37	24	0
5	QPSK	1	12	22.43	22.37	22.28		
5	QPSK	1	24	22.27	22.44	22.32		
5	QPSK	12	0	22.42	22.50	22.20	24	0
5	QPSK	12	7	22.26	22.28	22.24		
5	QPSK	12	13	22.23	22.30	22.33		
5	QPSK	25	0	22.41	22.37	22.25		
5	16QAM	1	0	22.42	22.40	22.30	24	0
5	16QAM	1	12	22.20	22.38	22.15		
5	16QAM	1	24	22.20	22.33	22.32		
5	16QAM	12	0	21.49	21.56	21.42	23	1
5	16QAM	12	7	21.31	21.36	21.25		
5	16QAM	12	13	21.27	21.41	21.38		
5	16QAM	25	0	21.35	21.47	21.28		
5	64QAM	1	0	21.18	21.37	21.15	23	1
5	64QAM	1	12	21.18	21.19	21.35		
5	64QAM	1	24	21.45	21.44	21.25		
5	64QAM	12	0	20.47	20.54	20.47	22	2
5	64QAM	12	7	20.36	20.46	20.30		
5	64QAM	12	13	20.21	20.34	20.44		
5	64QAM	25	0	20.45	20.44	20.26		
5	256QAM	1	0	18.49	18.52	18.36	20	4
5	256QAM	1	12	18.35	18.32	18.32		
5	256QAM	1	24	18.34	18.42	18.43		
5	256QAM	12	0	18.25	18.48	18.31	20	4
5	256QAM	12	7	18.18	18.39	18.14		
5	256QAM	12	13	18.30	18.35	18.33		
5	256QAM	25	0	18.34	18.49	18.35		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	21.50	21.63	21.51	21.54	23	0
20	QPSK	1	49	21.47	21.57	21.46	21.44		
20	QPSK	1	99	21.46	21.57	21.57	21.44		
20	QPSK	50	0	21.42	21.61	21.39	21.48	23	0
20	QPSK	50	24	21.39	21.54	21.39	21.42		
20	QPSK	50	50	21.36	21.44	21.43	21.41		
20	QPSK	100	0	21.47	21.56	21.37	21.44		
20	16QAM	1	0	21.36	21.57	21.40	21.44	23	0
20	16QAM	1	49	21.40	21.54	21.42	21.34		
20	16QAM	1	99	21.34	21.52	21.47	21.39		
20	16QAM	50	0	20.51	20.59	20.57	20.49	22	1
20	16QAM	50	24	20.43	20.54	20.49	20.40		
20	16QAM	50	50	20.51	20.53	20.60	20.39		
20	16QAM	100	0	20.45	20.66	20.38	20.49		
20	64QAM	1	0	20.35	20.51	20.43	20.41	22	1
20	64QAM	1	49	20.40	20.42	20.44	20.45		
20	64QAM	1	99	20.49	20.55	20.43	20.46		
20	64QAM	50	0	19.52	19.67	19.56	19.55	21	2
20	64QAM	50	24	19.41	19.54	19.47	19.46		
20	64QAM	50	50	19.43	19.51	19.57	19.42		
20	64QAM	100	0	19.36	19.66	19.36	19.53		
20	256QAM	1	0	17.55	17.62	17.50	17.60	19	4
20	256QAM	1	49	17.43	17.61	17.45	17.42		
20	256QAM	1	99	17.49	17.61	17.60	17.39		
20	256QAM	50	0	17.39	17.62	17.36	17.45	19	4
20	256QAM	50	24	17.33	17.49	17.35	17.48		
20	256QAM	50	50	17.41	17.45	17.45	17.45		
20	256QAM	100	0	17.50	17.60	17.42	17.44		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.44	21.51	21.42	21.44	23	0
15	QPSK	1	37	21.36	21.48	21.37	21.31		
15	QPSK	1	74	21.36	21.54	21.48	21.30		
15	QPSK	36	0	21.34	21.52	21.36	21.43	23	0
15	QPSK	36	20	21.34	21.48	21.33	21.37		
15	QPSK	36	39	21.28	21.40	21.38	21.33		
15	QPSK	75	0	21.36	21.47	21.35	21.35		
15	16QAM	1	0	21.28	21.54	21.35	21.36	23	0
15	16QAM	1	37	21.36	21.48	21.33	21.31		
15	16QAM	1	74	21.28	21.45	21.38	21.33		
15	16QAM	36	0	20.46	20.54	20.49	20.39	22	1
15	16QAM	36	20	20.38	20.52	20.42	20.30		
15	16QAM	36	39	20.40	20.44	20.57	20.31		
15	16QAM	75	0	20.43	20.62	20.36	20.38		
15	64QAM	1	0	20.32	20.43	20.35	20.32	22	1
15	64QAM	1	37	20.30	20.35	20.34	20.37		
15	64QAM	1	74	20.44	20.44	20.30	20.44		
15	64QAM	36	0	19.43	19.61	19.47	19.44	21	2
15	64QAM	36	20	19.28	19.46	19.43	19.34		
15	64QAM	36	39	19.30	19.44	19.51	19.29		
15	64QAM	75	0	19.28	19.59	19.24	19.40		
15	256QAM	1	0	17.47	17.51	17.42	17.55	19	4
15	256QAM	1	37	17.35	17.54	17.35	17.38		
15	256QAM	1	74	17.42	17.50	17.46	17.25		
15	256QAM	36	0	17.30	17.59	17.34	17.32	19	4
15	256QAM	36	20	17.30	17.45	17.25	17.40		
15	256QAM	36	39	17.35	17.36	17.38	17.38		
15	256QAM	75	0	17.45	17.55	17.36	17.34		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.43	21.54	21.48	21.50	23	0
10	QPSK	1	25	21.34	21.49	21.42	21.37		
10	QPSK	1	49	21.39	21.46	21.49	21.33		
10	QPSK	25	0	21.35	21.50	21.26	21.44	23	0
10	QPSK	25	12	21.36	21.44	21.28	21.37		
10	QPSK	25	25	21.30	21.36	21.38	21.29		
10	QPSK	50	0	21.43	21.52	21.24	21.36		
10	16QAM	1	0	21.28	21.43	21.30	21.33	23	0
10	16QAM	1	25	21.37	21.40	21.32	21.31		
10	16QAM	1	49	21.32	21.48	21.35	21.33		
10	16QAM	25	0	20.38	20.53	20.49	20.40	22	1
10	16QAM	25	12	20.37	20.49	20.46	20.27		
10	16QAM	25	25	20.43	20.45	20.54	20.34		
10	16QAM	50	0	20.36	20.61	20.30	20.44		
10	64QAM	1	0	20.29	20.49	20.40	20.36	22	1
10	64QAM	1	25	20.31	20.29	20.42	20.38		
10	64QAM	1	49	20.41	20.50	20.39	20.38		
10	64QAM	25	0	19.47	19.62	19.53	19.44	21	2
10	64QAM	25	12	19.34	19.50	19.39	19.40		
10	64QAM	25	25	19.34	19.45	19.44	19.34		
10	64QAM	50	0	19.30	19.64	19.33	19.51		
10	256QAM	1	0	17.51	17.58	17.40	17.48	19	4
10	256QAM	1	25	17.30	17.48	17.37	17.29		
10	256QAM	1	49	17.39	17.51	17.58	17.30		
10	256QAM	25	0	17.28	17.49	17.28	17.34	19	4
10	256QAM	25	12	17.25	17.39	17.31	17.40		
10	256QAM	25	25	17.34	17.42	17.42	17.38		
10	256QAM	50	0	17.38	17.52	17.30	17.41		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.37	21.58	21.44	21.40	23	0
5	QPSK	1	12	21.38	21.45	21.35	21.36		
5	QPSK	1	24	21.40	21.49	21.46	21.37		
5	QPSK	12	0	21.39	21.54	21.33	21.44	23	0
5	QPSK	12	7	21.32	21.52	21.25	21.35		
5	QPSK	12	13	21.24	21.32	21.40	21.34		
5	QPSK	25	0	21.41	21.46	21.33	21.34		
5	16QAM	1	0	21.32	21.48	21.36	21.36	23	0
5	16QAM	1	12	21.28	21.41	21.29	21.22		
5	16QAM	1	24	21.31	21.45	21.33	21.32		
5	16QAM	12	0	20.40	20.54	20.50	20.37	22	1
5	16QAM	12	7	20.37	20.50	20.45	20.35		
5	16QAM	12	13	20.45	20.48	20.51	20.28		
5	16QAM	25	0	20.41	20.55	20.33	20.43		
5	64QAM	1	0	20.23	20.45	20.33	20.35	22	1
5	64QAM	1	12	20.37	20.34	20.38	20.37		
5	64QAM	1	24	20.43	20.51	20.31	20.44		
5	64QAM	12	0	19.45	19.53	19.43	19.48	21	2
5	64QAM	12	7	19.36	19.42	19.34	19.42		
5	64QAM	12	13	19.32	19.45	19.47	19.37		
5	64QAM	25	0	19.27	19.57	19.26	19.49		
5	256QAM	1	0	17.45	17.50	17.36	17.57	19	4
5	256QAM	1	12	17.38	17.59	17.35	17.37		
5	256QAM	1	24	17.40	17.55	17.57	17.28		
5	256QAM	12	0	17.36	17.52	17.27	17.41	19	4
5	256QAM	12	7	17.28	17.39	17.23	17.37		
5	256QAM	12	13	17.35	17.38	17.36	17.33		
5	256QAM	25	0	17.36	17.50	17.32	17.38		

Reduced Power Mode for DSI6_Main PA

GSM850 Ant 0 DSI6	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	32.81	32.85	32.77	34.00	23.81	23.85	23.77	25.00
GPRS 1 Tx slot	32.68	32.76	32.73	34.00	23.68	23.76	23.73	25.00
GPRS 2 Tx slots	29.59	29.61	29.57	31.00	23.59	23.61	23.57	25.00
GPRS 3 Tx slots	27.61	27.66	27.57	29.20	23.35	23.40	23.31	24.94
GPRS 4 Tx slots	26.08	26.17	26.14	28.00	23.08	23.17	23.14	25.00
EDGE 1 Tx slot	25.89	25.93	25.79	27.00	16.89	16.93	16.79	18.00
EDGE 2 Tx slots	23.31	23.40	23.31	24.00	17.31	17.40	17.31	18.00
EDGE 3 Tx slots	21.42	21.53	21.47	22.20	17.16	17.27	17.21	17.94
EDGE 4 Tx slots	19.81	19.85	19.79	21.00	16.81	16.85	16.79	18.00

Band		WCDMA V Ant 0 DSI6			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.53	24.60	24.49	25.00
3GPP Rel 99	RMC 12.2Kbps	24.62	24.64	24.60	25.00
3GPP Rel 6	HSDPA Subtest-1	23.64	23.67	23.63	24.00
3GPP Rel 6	HSDPA Subtest-2	23.60	23.68	23.56	24.00
3GPP Rel 6	HSDPA Subtest-3	23.06	23.10	23.09	23.50
3GPP Rel 6	HSDPA Subtest-4	23.10	23.20	23.07	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.67	23.62	23.58	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.66	23.61	23.58	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	23.10	23.10	23.11	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	23.17	23.19	23.05	23.50
3GPP Rel 6	HSUPA Subtest-1	23.59	23.59	23.55	24.00
3GPP Rel 6	HSUPA Subtest-2	21.58	21.64	21.63	22.00
3GPP Rel 6	HSUPA Subtest-3	22.68	22.62	22.61	23.00
3GPP Rel 6	HSUPA Subtest-4	21.64	21.60	21.66	22.00
3GPP Rel 6	HSUPA Subtest-5	23.60	23.63	23.54	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest1	21.06	21.12	21.05	21.50

GSM850 Ant 1 DSI6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.53	28.54	28.47	30.00	19.53	19.54	19.47	21.00
GPRS 1 Tx slot	28.38	28.38	28.36	30.00	19.38	19.38	19.36	21.00
GPRS 2 Tx slots	25.36	25.39	25.27	27.00	19.36	19.39	19.27	21.00
GPRS 3 Tx slots	23.28	23.42	23.29	25.20	19.02	19.16	19.03	20.94
GPRS 4 Tx slots	22.04	22.16	22.08	24.00	19.04	19.16	19.08	21.00
EDGE 1 Tx slot	26.04	26.13	26.01	27.50	17.04	17.13	17.01	18.50
EDGE 2 Tx slots	23.45	23.65	23.49	24.50	17.45	17.65	17.49	18.50
EDGE 3 Tx slots	21.59	21.68	21.62	22.70	17.33	17.42	17.36	18.44
EDGE 4 Tx slots	20.04	20.11	19.93	21.50	17.04	17.11	16.93	18.50

Band		WCDMA V Ant 1 DSI6			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.42	18.44	18.50	19.50
3GPP Rel 99	RMC 12.2Kbps	18.47	18.59	18.51	19.50
3GPP Rel 6	HSDPA Subtest-1	17.54	17.54	17.47	18.50
3GPP Rel 6	HSDPA Subtest-2	17.44	17.49	17.55	18.50
3GPP Rel 6	HSDPA Subtest-3	16.97	17.08	17.05	18.00
3GPP Rel 6	HSDPA Subtest-4	16.98	17.13	16.97	18.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.39	17.60	17.55	18.50
3GPP Rel 8	DC-HSDPA Subtest-2	17.50	17.48	17.48	18.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.97	17.00	17.01	18.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.96	17.16	16.99	18.00
3GPP Rel 6	HSUPA Subtest-1	17.56	17.61	17.47	18.50
3GPP Rel 6	HSUPA Subtest-2	15.38	15.56	15.46	16.50
3GPP Rel 6	HSUPA Subtest-3	16.44	16.48	16.52	17.50
3GPP Rel 6	HSUPA Subtest-4	15.42	15.48	15.52	16.50
3GPP Rel 6	HSUPA Subtest-5	17.51	17.62	17.53	18.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.94	15.03	14.94	16.00

GSM1900 Ant 2 DSI6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.97	28.07	28.02	29.50	18.97	19.07	19.02	20.50
GPRS 1 Tx slot	27.94	28.11	27.99	29.50	18.94	19.11	18.99	20.50
GPRS 2 Tx slots	24.74	24.96	24.86	26.50	18.74	18.96	18.86	20.50
GPRS 3 Tx slots	22.87	22.92	22.95	24.70	18.61	18.66	18.69	20.44
GPRS 4 Tx slots	21.57	21.64	21.51	23.50	18.57	18.64	18.51	20.50
EDGE 1 Tx slot	25.42	25.54	25.40	27.00	16.42	16.54	16.40	18.00
EDGE 2 Tx slots	22.69	22.78	22.72	24.00	16.69	16.78	16.72	18.00
EDGE 3 Tx slots	20.87	20.90	20.86	22.20	16.61	16.64	16.60	17.94
EDGE 4 Tx slots	20.00	20.07	19.96	21.00	17.00	17.07	16.96	18.00

Band		WCDMA IV Ant 2 DSI6			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Rx Channel		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.54	16.56	16.45	18.00
3GPP Rel 99	RMC 12.2Kbps	16.54	16.67	16.56	18.00
3GPP Rel 6	HSDPA Subtest-1	15.51	15.61	15.53	17.00
3GPP Rel 6	HSDPA Subtest-2	15.47	15.62	15.55	17.00
3GPP Rel 6	HSDPA Subtest-3	15.07	15.23	14.97	16.50
3GPP Rel 6	HSDPA Subtest-4	15.03	15.17	14.99	16.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.50	15.64	15.50	17.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.56	15.58	15.55	17.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.01	15.07	14.98	16.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.02	15.19	14.97	16.50
3GPP Rel 6	HSUPA Subtest-1	15.56	15.56	15.53	17.00
3GPP Rel 6	HSUPA Subtest-2	13.57	13.69	13.51	15.00
3GPP Rel 6	HSUPA Subtest-3	14.52	14.65	14.55	16.00
3GPP Rel 6	HSUPA Subtest-4	13.59	13.71	13.57	15.00
3GPP Rel 6	HSUPA Subtest-5	15.56	15.55	15.54	17.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.04	13.18	13.06	14.50

Band		WCDMA II Ant 3 DSI6			Tune-up Limit (dBm)	WCDMA IV Ant 3 DSI6			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.33	16.44	16.37	17.00	16.97	16.94	16.89	18.00
3GPP Rel 99	RMC 12.2Kbps	16.48	16.52	16.46	17.00	16.96	17.08	16.99	18.00
3GPP Rel 6	HSDPA Subtest-1	15.40	15.56	15.45	16.00	15.90	16.04	15.86	17.00
3GPP Rel 6	HSDPA Subtest-2	15.41	15.49	15.49	16.00	16.00	16.01	16.04	17.00
3GPP Rel 6	HSDPA Subtest-3	14.91	14.99	15.01	15.50	15.57	15.60	15.51	16.50
3GPP Rel 6	HSDPA Subtest-4	14.93	14.99	15.01	15.50	15.44	15.55	15.43	16.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.45	15.51	15.46	16.00	15.99	16.06	15.97	17.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.48	15.54	15.53	16.00	15.90	16.05	15.94	17.00
3GPP Rel 8	DC-HSDPA Subtest-3	14.87	15.14	15.10	15.50	15.54	15.61	15.47	16.50
3GPP Rel 8	DC-HSDPA Subtest-4	14.91	15.05	14.90	15.50	15.49	15.58	15.51	16.50
3GPP Rel 6	HSUPA Subtest-1	15.53	15.61	15.48	16.00	15.88	15.95	15.96	17.00
3GPP Rel 6	HSUPA Subtest-2	13.43	13.50	13.51	14.00	13.98	13.97	13.98	15.00
3GPP Rel 6	HSUPA Subtest-3	14.47	14.64	14.50	15.00	14.97	15.00	14.86	16.00
3GPP Rel 6	HSUPA Subtest-4	13.51	13.55	13.49	14.00	14.01	14.00	13.92	15.00
3GPP Rel 6	HSUPA Subtest-5	15.45	15.48	15.49	16.00	16.01	16.11	15.93	17.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.88	12.99	13.00	13.50	13.50	13.58	13.45	14.50

GSM1900 Ant 5 DSI6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.00	30.05	29.96	31.00	21.00	21.05	20.96	22.00
GPRS 1 Tx slot	29.94	30.00	29.90	31.00	20.94	21.00	20.90	22.00
GPRS 2 Tx slots	26.85	26.90	26.86	28.00	20.85	20.90	20.86	22.00
GPRS 3 Tx slots	24.87	24.94	24.88	26.20	20.61	20.68	20.62	21.94
GPRS 4 Tx slots	23.60	23.65	23.61	25.00	20.60	20.65	20.61	22.00
EDGE 1 Tx slot	25.46	25.48	25.40	27.00	16.46	16.48	16.40	18.00
EDGE 2 Tx slots	22.55	22.66	22.59	24.00	16.55	16.66	16.59	18.00
EDGE 3 Tx slots	21.08	21.10	20.98	22.20	16.82	16.84	16.72	17.94
EDGE 4 Tx slots	20.45	20.54	20.40	21.00	17.45	17.54	17.40	18.00

Band		WCDMA II Ant 5 DSI6			Tune-up Limit (dBm)	WCDMA IV Ant 5 DSI6			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.46	20.56	20.58	21.50	20.60	20.78	20.71	22.00
3GPP Rel 99	RMC 12.2Kbps	20.60	20.71	20.61	21.50	20.78	20.87	20.74	22.00
3GPP Rel 6	HSDPA Subtest-1	19.55	19.72	19.62	20.50	19.79	19.82	19.78	21.00
3GPP Rel 6	HSDPA Subtest-2	19.57	19.73	19.66	20.50	19.75	19.77	19.74	21.00
3GPP Rel 6	HSDPA Subtest-3	19.06	19.26	19.19	20.00	19.29	19.32	19.18	20.50
3GPP Rel 6	HSDPA Subtest-4	19.04	19.21	19.05	20.00	19.27	19.33	19.21	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.65	19.73	19.62	20.50	19.65	19.74	19.69	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.61	19.75	19.68	20.50	19.74	19.88	19.86	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.04	19.07	19.06	20.00	19.19	19.32	19.25	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.14	19.16	19.11	20.00	19.27	19.31	19.28	20.50
3GPP Rel 6	HSUPA Subtest-1	19.56	19.61	19.56	20.50	19.66	19.81	19.71	21.00
3GPP Rel 6	HSUPA Subtest-2	17.60	17.66	17.72	18.50	17.64	17.81	17.84	19.00
3GPP Rel 6	HSUPA Subtest-3	18.69	18.61	18.64	19.50	18.83	18.86	18.72	20.00
3GPP Rel 6	HSUPA Subtest-4	17.65	17.72	17.59	18.50	17.65	17.83	17.72	19.00
3GPP Rel 6	HSUPA Subtest-5	19.64	19.75	19.64	20.50	19.77	19.72	19.82	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.03	17.18	17.10	18.00	17.21	17.39	17.33	18.50

Band 5 Ant 0 DSI6

BW [MHz]	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	24.29	24.51	24.22	24.7	0
10	QPSK	1	25	24.45	24.43	24.31		
10	QPSK	1	49	24.41	24.44	24.30		
10	QPSK	25	0	24.37	24.43	24.34	24.7	0
10	QPSK	25	12	24.41	24.43	24.30		
10	QPSK	25	25	24.36	24.34	24.23		
10	QPSK	50	0	24.39	24.39	24.23		
10	16QAM	1	0	24.30	24.40	24.26	24.7	0
10	16QAM	1	25	24.35	24.43	24.27		
10	16QAM	1	49	24.45	24.47	24.23		
10	16QAM	25	0	23.33	23.51	23.30	23.7	1
10	16QAM	25	12	23.34	23.40	23.14		
10	16QAM	25	25	23.34	23.52	23.27		
10	16QAM	50	0	23.31	23.56	23.30		
10	64QAM	1	0	23.24	23.41	23.21	23.7	1
10	64QAM	1	25	23.37	23.46	23.22		
10	64QAM	1	49	23.34	23.50	23.14		
10	64QAM	25	0	22.37	22.44	22.16	22.7	2
10	64QAM	25	12	22.21	22.38	22.20		
10	64QAM	25	25	22.34	22.56	22.15		
10	64QAM	50	0	22.36	22.54	22.22		
10	256QAM	1	0	20.22	20.42	20.19	20.7	4
10	256QAM	1	25	20.34	20.53	20.30		
10	256QAM	1	49	20.30	20.43	20.31		
10	256QAM	25	0	20.24	20.43	20.18	20.7	4
10	256QAM	25	12	20.32	20.42	20.18		
10	256QAM	25	25	20.24	20.39	20.17		
10	256QAM	50	0	20.26	20.49	20.22		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.25	24.30	24.10	24.7	0
5	QPSK	1	12	24.28	24.34	24.19		
5	QPSK	1	24	24.39	24.34	24.18		
5	QPSK	12	0	24.20	24.35	24.27	24.7	0
5	QPSK	12	7	24.38	24.24	24.27		
5	QPSK	12	13	24.22	24.21	24.17		
5	QPSK	25	0	24.25	24.36	24.09		
5	16QAM	1	0	24.18	24.31	24.25	24.7	0
5	16QAM	1	12	24.29	24.26	24.23		
5	16QAM	1	24	24.44	24.37	24.14		
5	16QAM	12	0	23.18	23.45	23.22	23.7	1
5	16QAM	12	7	23.25	23.37	23.08		
5	16QAM	12	13	23.15	23.41	23.23		
5	16QAM	25	0	23.23	23.48	23.20		
5	64QAM	1	0	23.21	23.25	23.08	23.7	1
5	64QAM	1	12	23.27	23.37	23.17		
5	64QAM	1	24	23.28	23.36	23.10		
5	64QAM	12	0	22.24	22.38	22.01	22.7	2
5	64QAM	12	7	22.18	22.26	22.01		
5	64QAM	12	13	22.16	22.42	22.02		
5	64QAM	25	0	22.34	22.45	22.06		
5	256QAM	1	0	20.08	20.27	20.11	20.7	4
5	256QAM	1	12	20.30	20.42	20.29		
5	256QAM	1	24	20.28	20.35	20.14		
5	256QAM	12	0	20.11	20.25	20.10	20.7	4
5	256QAM	12	7	20.26	20.35	20.10		
5	256QAM	12	13	20.17	20.33	20.12		
5	256QAM	25	0	20.22	20.39	20.19		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.23	24.39	24.20	24.7	0
3	QPSK	1	8	24.39	24.34	24.19		
3	QPSK	1	14	24.27	24.33	24.21		
3	QPSK	8	0	24.30	24.27	24.21	24.7	0
3	QPSK	8	4	24.33	24.42	24.13		
3	QPSK	8	7	24.18	24.29	24.13		
3	QPSK	15	0	24.27	24.20	24.09		
3	16QAM	1	0	24.19	24.29	24.24	24.7	0
3	16QAM	1	8	24.20	24.28	24.09		
3	16QAM	1	14	24.43	24.40	24.07		
3	16QAM	8	0	23.26	23.40	23.13	23.7	1
3	16QAM	8	4	23.30	23.33	22.97		
3	16QAM	8	7	23.25	23.43	23.15		
3	16QAM	15	0	23.17	23.46	23.15		
3	64QAM	1	0	23.18	23.37	23.13	23.7	1
3	64QAM	1	8	23.21	23.34	23.17		
3	64QAM	1	14	23.23	23.35	23.10		
3	64QAM	8	0	22.30	22.38	21.97	22.7	2
3	64QAM	8	4	22.06	22.35	22.08		
3	64QAM	8	7	22.26	22.44	22.11		
3	64QAM	15	0	22.35	22.40	22.08		
3	256QAM	1	0	20.10	20.39	20.08	20.7	4
3	256QAM	1	8	20.28	20.43	20.13		
3	256QAM	1	14	20.28	20.31	20.25		
3	256QAM	8	0	20.10	20.39	20.07	20.7	4
3	256QAM	8	4	20.27	20.34	20.16		
3	256QAM	8	7	20.14	20.37	20.14		
3	256QAM	15	0	20.21	20.42	20.13		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.19	24.40	24.13	24.7	0
1.4	QPSK	1	3	24.37	24.37	24.23		
1.4	QPSK	1	5	24.30	24.37	24.17		
1.4	QPSK	3	0	24.18	24.41	24.21		
1.4	QPSK	3	1	24.29	24.24	24.23		
1.4	QPSK	3	3	24.23	24.19	24.19		
1.4	QPSK	6	0	24.37	24.30	24.05	24.7	0
1.4	16QAM	1	0	24.22	24.23	24.11	24.7	0
1.4	16QAM	1	3	24.31	24.41	24.17		
1.4	16QAM	1	5	24.33	24.31	24.14		
1.4	16QAM	3	0	23.16	23.47	23.16		
1.4	16QAM	3	1	23.19	23.35	23.05		
1.4	16QAM	3	3	23.29	23.41	23.25		
1.4	16QAM	6	0	23.13	23.42	23.27	23.7	1
1.4	64QAM	1	0	23.13	23.30	23.07	23.7	1
1.4	64QAM	1	3	23.25	23.32	23.18		
1.4	64QAM	1	5	23.32	23.38	23.02		
1.4	64QAM	3	0	22.36	22.29	22.14		
1.4	64QAM	3	1	22.14	22.28	22.13		
1.4	64QAM	3	3	22.24	22.54	22.15		
1.4	64QAM	6	0	22.26	22.47	22.19	22.7	2
1.4	256QAM	1	0	20.21	20.38	20.15	20.7	4
1.4	256QAM	1	3	20.27	20.45	20.25		
1.4	256QAM	1	5	20.11	20.41	20.16		
1.4	256QAM	3	0	20.07	20.26	20.04		
1.4	256QAM	3	1	20.28	20.40	20.00		
1.4	256QAM	3	3	20.18	20.23	20.08		
1.4	256QAM	6	0	20.24	20.40	20.12	20.7	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.78	24.91	24.89	25.2	0
15	QPSK	1	37	24.64	24.87	24.67		
15	QPSK	1	74	24.64	24.81	24.74		
15	QPSK	36	0	23.73	23.99	23.93	24.7	0.5
15	QPSK	36	20	23.81	23.87	23.68		
15	QPSK	36	39	23.66	23.67	23.71		
15	QPSK	75	0	23.80	23.81	23.80		
15	16QAM	1	0	23.83	23.75	23.70	24.7	0.5
15	16QAM	1	37	23.81	23.78	23.71		
15	16QAM	1	74	23.48	23.76	23.59		
15	16QAM	36	0	22.80	22.95	22.93	23.7	1.5
15	16QAM	36	20	22.72	23.01	22.72		
15	16QAM	36	39	22.60	22.68	22.70		
15	16QAM	75	0	22.83	22.92	22.67		
15	64QAM	1	0	22.77	22.69	22.76	23.7	1.5
15	64QAM	1	37	22.74	22.84	22.58		
15	64QAM	1	74	22.67	22.64	22.74		
15	64QAM	36	0	21.77	21.87	21.83	22.7	2.5
15	64QAM	36	20	21.69	21.81	21.50		
15	64QAM	36	39	21.73	21.76	21.81		
15	64QAM	75	0	21.83	21.87	21.85		
15	256QAM	1	0	19.77	19.88	20.00	20.7	4.5
15	256QAM	1	37	19.72	19.97	19.69		
15	256QAM	1	74	19.62	19.78	19.63		
15	256QAM	36	0	19.82	19.93	19.83	20.7	4.5
15	256QAM	36	20	19.72	19.79	19.74		
15	256QAM	36	39	19.72	19.72	19.58		
15	256QAM	75	0	19.56	19.63	19.64		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.66	24.76	24.83	25.2	0
10	QPSK	1	25	24.54	24.73	24.61		
10	QPSK	1	49	24.60	24.69	24.63		
10	QPSK	25	0	23.71	23.86	23.75	24.7	0.5
10	QPSK	25	12	23.75	23.72	23.49		
10	QPSK	25	25	23.62	23.50	23.69		
10	QPSK	50	0	23.70	23.69	23.70		
10	16QAM	1	0	23.70	23.64	23.60	24.7	0.5
10	16QAM	1	25	23.72	23.71	23.55		
10	16QAM	1	49	23.33	23.67	23.57		
10	16QAM	25	0	22.65	22.85	22.79	23.7	1.5
10	16QAM	25	12	22.54	22.85	22.59		
10	16QAM	25	25	22.50	22.57	22.51		
10	16QAM	50	0	22.79	22.87	22.59		
10	64QAM	1	0	22.63	22.63	22.60	23.7	1.5
10	64QAM	1	25	22.71	22.65	22.45		
10	64QAM	1	49	22.51	22.52	22.71		
10	64QAM	25	0	21.75	21.76	21.66	22.7	2.5
10	64QAM	25	12	21.56	21.64	21.36		
10	64QAM	25	25	21.69	21.58	21.74		
10	64QAM	50	0	21.78	21.74	21.75		
10	256QAM	1	0	19.72	19.72	19.92	20.7	4.5
10	256QAM	1	25	19.65	19.90	19.59		
10	256QAM	1	49	19.47	19.61	19.45		
10	256QAM	25	0	19.69	19.88	19.78	20.7	4.5
10	256QAM	25	12	19.70	19.76	19.69		
10	256QAM	25	25	19.60	19.68	19.43		
10	256QAM	50	0	19.48	19.45	19.61		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.73	24.64	24.74	25.2	0
5	QPSK	1	12	24.46	24.85	24.53		
5	QPSK	1	24	24.46	24.63	24.59		
5	QPSK	12	0	23.57	23.89	23.80	24.7	0.5
5	QPSK	12	7	23.70	23.75	23.61		
5	QPSK	12	13	23.50	23.56	23.62		
5	QPSK	25	0	23.69	23.70	23.76		
5	16QAM	1	0	23.73	23.61	23.56	24.7	0.5
5	16QAM	1	12	23.65	23.60	23.68		
5	16QAM	1	24	23.40	23.63	23.49		
5	16QAM	12	0	22.77	22.87	22.86	23.7	1.5
5	16QAM	12	7	22.60	22.99	22.60		
5	16QAM	12	13	22.51	22.50	22.53		
5	16QAM	25	0	22.77	22.76	22.65		
5	64QAM	1	0	22.65	22.56	22.64	23.7	1.5
5	64QAM	1	12	22.65	22.71	22.44		
5	64QAM	1	24	22.58	22.61	22.71		
5	64QAM	12	0	21.60	21.72	21.78	22.7	2.5
5	64QAM	12	7	21.59	21.64	21.37		
5	64QAM	12	13	21.61	21.60	21.74		
5	64QAM	25	0	21.80	21.77	21.69		
5	256QAM	1	0	19.61	19.77	19.96	20.7	4.5
5	256QAM	1	12	19.60	19.86	19.61		
5	256QAM	1	24	19.54	19.75	19.52		
5	256QAM	12	0	19.76	19.74	19.64	20.7	4.5
5	256QAM	12	7	19.69	19.66	19.59		
5	256QAM	12	13	19.66	19.65	19.41		
5	256QAM	25	0	19.49	19.45	19.51		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.72	24.75	24.79	25.2	0
3	QPSK	1	8	24.47	24.76	24.51		
3	QPSK	1	14	24.61	24.75	24.59		
3	QPSK	8	0	23.67	23.93	23.82	24.7	0.5
3	QPSK	8	4	23.78	23.72	23.66		
3	QPSK	8	7	23.48	23.55	23.65		
3	QPSK	15	0	23.77	23.78	23.75		
3	16QAM	1	0	23.72	23.67	23.64	24.7	0.5
3	16QAM	1	8	23.66	23.61	23.54		
3	16QAM	1	14	23.33	23.59	23.46		
3	16QAM	8	0	22.61	22.88	22.74	23.7	1.5
3	16QAM	8	4	22.65	22.92	22.60		
3	16QAM	8	7	22.45	22.58	22.67		
3	16QAM	15	0	22.74	22.73	22.53		
3	64QAM	1	0	22.72	22.56	22.72	23.7	1.5
3	64QAM	1	8	22.66	22.82	22.57		
3	64QAM	1	14	22.53	22.57	22.61		
3	64QAM	8	0	21.75	21.82	21.72	22.7	2.5
3	64QAM	8	4	21.65	21.68	21.38		
3	64QAM	8	7	21.58	21.58	21.69		
3	64QAM	15	0	21.73	21.78	21.81		
3	256QAM	1	0	19.59	19.86	19.87	20.7	4.5
3	256QAM	1	8	19.69	19.93	19.57		
3	256QAM	1	14	19.58	19.62	19.60		
3	256QAM	8	0	19.75	19.89	19.79	20.7	4.5
3	256QAM	8	4	19.58	19.72	19.71		
3	256QAM	8	7	19.62	19.57	19.43		
3	256QAM	15	0	19.50	19.50	19.51		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.71	24.74	24.82	25.2	0
1.4	QPSK	1	3	24.61	24.69	24.55		
1.4	QPSK	1	5	24.51	24.63	24.55		
1.4	QPSK	3	0	23.68	23.97	23.83		
1.4	QPSK	3	1	23.67	23.84	23.58		
1.4	QPSK	3	3	23.65	23.53	23.57		
1.4	QPSK	6	0	24.18	24.32	24.36	24.7	0.5
1.4	16QAM	1	0	24.22	24.27	24.27	24.7	0.5
1.4	16QAM	1	3	24.26	24.29	24.27		
1.4	16QAM	1	5	24.21	24.29	24.27		
1.4	16QAM	3	0	24.24	24.30	24.41		
1.4	16QAM	3	1	24.19	24.25	24.31		
1.4	16QAM	3	3	24.16	24.27	24.31		
1.4	16QAM	6	0	23.27	23.32	23.38	23.7	1.5
1.4	64QAM	1	0	23.16	23.18	23.34	23.7	1.5
1.4	64QAM	1	3	23.22	23.20	23.36		
1.4	64QAM	1	5	23.29	23.32	23.25		
1.4	64QAM	3	0	23.18	23.20	23.38		
1.4	64QAM	3	1	23.16	23.17	23.29		
1.4	64QAM	3	3	23.12	23.32	23.24		
1.4	64QAM	6	0	22.29	22.29	22.24	22.7	2.5
1.4	256QAM	1	0	20.30	20.25	20.23	20.7	4.5
1.4	256QAM	1	3	20.19	20.28	20.38		
1.4	256QAM	1	5	20.25	20.26	20.33		
1.4	256QAM	3	0	20.14	20.20	20.26		
1.4	256QAM	3	1	20.26	20.27	20.34		
1.4	256QAM	3	3	20.28	20.27	20.38		
1.4	256QAM	6	0	20.17	20.20	20.24	20.7	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	19.17	19.18	19.14	20.2	0
10	QPSK	1	25	19.00	19.07	18.96		
10	QPSK	1	49	19.17	19.03	19.00		
10	QPSK	25	0	19.12	19.10	19.16	20.2	0
10	QPSK	25	12	18.96	19.03	18.90		
10	QPSK	25	25	19.14	19.03	18.94		
10	QPSK	50	0	19.16	19.09	19.10		
10	16QAM	1	0	18.92	19.00	18.94	20.2	0
10	16QAM	1	25	19.09	19.01	18.93		
10	16QAM	1	49	19.07	19.17	19.07		
10	16QAM	25	0	18.94	19.05	18.91	20.2	0
10	16QAM	25	12	19.08	18.93	18.90		
10	16QAM	25	25	19.11	18.99	19.15		
10	16QAM	50	0	18.89	18.99	18.89		
10	64QAM	1	0	19.15	18.94	18.86	20.2	0
10	64QAM	1	25	19.16	19.08	19.00		
10	64QAM	1	49	18.90	18.93	18.88		
10	64QAM	25	0	19.14	19.16	19.03	20.2	0
10	64QAM	25	12	18.90	19.02	18.89		
10	64QAM	25	25	19.12	18.99	18.98		
10	64QAM	50	0	19.13	19.08	19.06		
10	256QAM	1	0	19.16	19.07	19.08	20.2	0
10	256QAM	1	25	18.97	19.08	18.94		
10	256QAM	1	49	19.11	19.00	18.98		
10	256QAM	25	0	19.12	19.04	19.06	20.2	0
10	256QAM	25	12	18.94	19.01	18.81		
10	256QAM	25	25	19.15	18.99	18.87		
10	256QAM	50	0	19.08	19.07	19.04		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.04	19.08	19.10	20.2	0
5	QPSK	1	12	18.86	19.05	18.93		
5	QPSK	1	24	19.04	18.90	18.87		
5	QPSK	12	0	19.05	18.96	19.12	20.2	0
5	QPSK	12	7	18.88	18.95	18.80		
5	QPSK	12	13	19.03	18.99	18.84		
5	QPSK	25	0	19.04	19.00	19.05		
5	16QAM	1	0	18.79	18.94	18.89	20.2	0
5	16QAM	1	12	19.01	18.89	18.90		
5	16QAM	1	24	18.97	19.13	18.99		
5	16QAM	12	0	18.89	18.98	18.82	20.2	0
5	16QAM	12	7	18.99	18.83	18.84		
5	16QAM	12	13	18.99	18.94	19.11		
5	16QAM	25	0	18.80	18.85	18.82		
5	64QAM	1	0	19.07	18.89	18.82	20.2	0
5	64QAM	1	12	19.11	18.95	18.97		
5	64QAM	1	24	18.77	18.82	18.85		
5	64QAM	12	0	19.06	19.05	18.89	20.2	0
5	64QAM	12	7	18.83	18.93	18.80		
5	64QAM	12	13	19.06	18.85	18.92		
5	64QAM	25	0	18.99	19.02	19.00		
5	256QAM	1	0	19.12	18.98	19.01	20.2	0
5	256QAM	1	12	18.93	19.01	18.82		
5	256QAM	1	24	19.02	18.96	18.94		
5	256QAM	12	0	19.09	18.93	18.92	20.2	0
5	256QAM	12	7	18.85	18.97	18.74		
5	256QAM	12	13	19.13	18.93	18.84		
5	256QAM	25	0	19.00	18.99	19.00		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.06	19.07	19.07	20.2	0
3	QPSK	1	8	18.92	19.04	18.86		
3	QPSK	1	14	19.15	18.96	18.97		
3	QPSK	8	0	19.05	18.99	19.10	20.2	0
3	QPSK	8	4	18.87	18.92	18.81		
3	QPSK	8	7	19.01	18.90	18.89		
3	QPSK	15	0	19.04	18.96	19.04		
3	16QAM	1	0	18.86	18.90	18.92	20.2	0
3	16QAM	1	8	19.01	18.96	18.82		
3	16QAM	1	14	18.97	19.06	18.94		
3	16QAM	8	0	18.85	19.00	18.86	20.2	0
3	16QAM	8	4	19.01	18.81	18.82		
3	16QAM	8	7	19.08	18.88	19.03		
3	16QAM	15	0	18.78	18.96	18.84		
3	64QAM	1	0	19.08	18.84	18.73	20.2	0
3	64QAM	1	8	19.11	18.98	18.93		
3	64QAM	1	14	18.85	18.88	18.84		
3	64QAM	8	0	19.00	19.11	18.90	20.2	0
3	64QAM	8	4	18.76	18.99	18.79		
3	64QAM	8	7	19.07	18.91	18.89		
3	64QAM	15	0	19.07	18.99	18.99		
3	256QAM	1	0	19.06	19.05	19.04	20.2	0
3	256QAM	1	8	18.86	19.00	18.85		
3	256QAM	1	14	19.03	18.92	18.88		
3	256QAM	8	0	19.07	19.01	18.99	20.2	0
3	256QAM	8	4	18.90	18.88	18.73		
3	256QAM	8	7	19.05	18.96	18.81		
3	256QAM	15	0	18.98	19.00	18.98		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.07	19.08	19.08	20.2	0
1.4	QPSK	1	3	18.91	19.02	18.94		
1.4	QPSK	1	5	19.04	18.96	18.96		
1.4	QPSK	3	0	19.05	19.01	19.10		
1.4	QPSK	3	1	18.87	18.92	18.85		
1.4	QPSK	3	3	19.08	18.92	18.88		
1.4	QPSK	6	0	19.06	18.97	19.01	20.2	0
1.4	16QAM	1	0	18.90	18.89	18.82	20.2	0
1.4	16QAM	1	3	19.04	18.99	18.80		
1.4	16QAM	1	5	18.94	19.10	18.97		
1.4	16QAM	3	0	18.89	18.94	18.86		
1.4	16QAM	3	1	19.05	18.81	18.80		
1.4	16QAM	3	3	19.06	18.94	19.06		
1.4	16QAM	6	0	18.86	18.96	18.80	20.2	0
1.4	64QAM	1	0	19.03	18.86	18.84	20.2	0
1.4	64QAM	1	3	19.03	18.97	18.97		
1.4	64QAM	1	5	18.79	18.82	18.77		
1.4	64QAM	3	0	19.11	19.06	18.96		
1.4	64QAM	3	1	18.85	18.91	18.77		
1.4	64QAM	3	3	19.07	18.92	18.95		
1.4	64QAM	6	0	19.07	18.98	18.98	20.2	0
1.4	256QAM	1	0	19.10	19.04	19.01	20.2	0
1.4	256QAM	1	3	18.84	19.00	18.91		
1.4	256QAM	1	5	18.99	18.90	18.94		
1.4	256QAM	3	0	19.08	18.98	19.02		
1.4	256QAM	3	1	18.82	18.90	18.78		
1.4	256QAM	3	3	19.12	18.91	18.83		
1.4	256QAM	6	0	19.02	19.03	18.92	20.2	0

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BW [MHz]	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	19.15	19.16	19.07	20.2	0
15	QPSK	1	37	18.87	19.03	18.84		
15	QPSK	1	74	19.10	18.91	18.94		
15	QPSK	36	0	18.99	18.98	19.11	20.2	0
15	QPSK	36	20	18.87	19.01	18.86		
15	QPSK	36	39	19.07	18.93	18.92		
15	QPSK	75	0	19.13	18.99	19.07		
15	16QAM	1	0	18.88	18.97	18.86	20.2	0
15	16QAM	1	37	19.05	18.90	18.89		
15	16QAM	1	74	18.96	19.05	19.04		
15	16QAM	36	0	18.90	18.98	18.78	20.2	0
15	16QAM	36	20	18.99	18.88	18.78		
15	16QAM	36	39	18.97	18.88	19.10		
15	16QAM	75	0	18.85	18.87	18.76		
15	64QAM	1	0	19.01	18.86	18.76	20.2	0
15	64QAM	1	37	19.09	18.95	18.98		
15	64QAM	1	74	18.80	18.83	18.82		
15	64QAM	36	0	19.01	19.14	18.90	20.2	0
15	64QAM	36	20	18.83	18.92	18.83		
15	64QAM	36	39	19.07	18.92	18.84		
15	64QAM	75	0	19.02	19.03	19.00		
15	256QAM	1	0	19.12	19.03	19.00	20.2	0
15	256QAM	1	37	18.95	19.03	18.89		
15	256QAM	1	74	18.98	18.97	18.94		
15	256QAM	36	0	19.04	18.92	19.02	20.2	0
15	256QAM	36	20	18.85	18.96	18.77		
15	256QAM	36	39	19.04	18.94	18.81		
15	256QAM	75	0	19.06	19.02	18.92		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.10	19.11	19.00	20.2	0
10	QPSK	1	25	18.77	18.93	18.77		
10	QPSK	1	49	19.03	18.87	18.86		
10	QPSK	25	0	18.89	18.90	19.00	20.2	0
10	QPSK	25	12	18.75	18.90	18.81		
10	QPSK	25	25	18.95	18.81	18.85		
10	QPSK	50	0	19.00	18.90	18.96		
10	16QAM	1	0	18.75	18.91	18.81	20.2	0
10	16QAM	1	25	18.91	18.87	18.76		
10	16QAM	1	49	18.94	19.02	18.94		
10	16QAM	25	0	18.78	18.90	18.67	20.2	0
10	16QAM	25	12	18.96	18.84	18.65		
10	16QAM	25	25	18.94	18.84	19.05		
10	16QAM	50	0	18.73	18.74	18.64		
10	64QAM	1	0	18.88	18.72	18.63	20.2	0
10	64QAM	1	25	19.01	18.89	18.84		
10	64QAM	1	49	18.73	18.79	18.76		
10	64QAM	25	0	18.94	19.07	18.82	20.2	0
10	64QAM	25	12	18.77	18.78	18.76		
10	64QAM	25	25	18.97	18.87	18.74		
10	64QAM	50	0	18.99	18.93	18.92		
10	256QAM	1	0	19.00	19.00	18.91	20.2	0
10	256QAM	1	25	18.87	19.01	18.76		
10	256QAM	1	49	18.93	18.89	18.88		
10	256QAM	25	0	18.95	18.90	18.98	20.2	0
10	256QAM	25	12	18.74	18.90	18.70		
10	256QAM	25	25	18.95	18.88	18.77		
10	256QAM	50	0	18.96	18.99	18.86		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.13	19.12	19.03	20.2	0
5	QPSK	1	12	18.74	18.91	18.79		
5	QPSK	1	24	19.06	18.88	18.83		
5	QPSK	12	0	18.96	18.93	19.06	20.2	0
5	QPSK	12	7	18.79	18.98	18.74		
5	QPSK	12	13	19.02	18.91	18.84		
5	QPSK	25	0	19.04	18.85	19.02		
5	16QAM	1	0	18.76	18.84	18.74	20.2	0
5	16QAM	1	12	18.98	18.83	18.85		
5	16QAM	1	24	18.89	19.03	18.91		
5	16QAM	12	0	18.80	18.90	18.72	20.2	0
5	16QAM	12	7	18.92	18.76	18.69		
5	16QAM	12	13	18.89	18.83	19.05		
5	16QAM	25	0	18.78	18.83	18.63		
5	64QAM	1	0	18.90	18.81	18.66	20.2	0
5	64QAM	1	12	18.99	18.85	18.85		
5	64QAM	1	24	18.75	18.81	18.69		
5	64QAM	12	0	18.96	19.10	18.86	20.2	0
5	64QAM	12	7	18.78	18.90	18.75		
5	64QAM	12	13	19.03	18.89	18.73		
5	64QAM	25	0	18.95	18.89	18.95		
5	256QAM	1	0	18.98	18.90	18.97	20.2	0
5	256QAM	1	12	18.82	18.96	18.81		
5	256QAM	1	24	18.89	18.93	18.82		
5	256QAM	12	0	18.93	18.86	18.94	20.2	0
5	256QAM	12	7	18.82	18.93	18.71		
5	256QAM	12	13	18.97	18.87	18.71		
5	256QAM	25	0	18.94	18.97	18.90		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.10	19.11	18.99	20.2	0
3	QPSK	1	8	18.84	18.99	18.82		
3	QPSK	1	14	19.00	18.79	18.90		
3	QPSK	8	0	18.91	18.85	19.04	20.2	0
3	QPSK	8	4	18.83	18.89	18.73		
3	QPSK	8	7	19.00	18.91	18.87		
3	QPSK	15	0	19.02	18.88	19.02		
3	16QAM	1	0	18.78	18.89	18.80	20.2	0
3	16QAM	1	8	19.02	18.86	18.79		
3	16QAM	1	14	18.93	18.96	19.00		
3	16QAM	8	0	18.84	18.94	18.74	20.2	0
3	16QAM	8	4	18.93	18.80	18.73		
3	16QAM	8	7	18.91	18.78	19.01		
3	16QAM	15	0	18.72	18.80	18.69		
3	64QAM	1	0	18.98	18.72	18.66	20.2	0
3	64QAM	1	8	19.03	18.90	18.88		
3	64QAM	1	14	18.68	18.76	18.69		
3	64QAM	8	0	18.95	19.06	18.87	20.2	0
3	64QAM	8	4	18.72	18.78	18.73		
3	64QAM	8	7	18.95	18.86	18.81		
3	64QAM	15	0	18.89	18.93	18.86		
3	256QAM	1	0	18.99	19.00	18.87	20.2	0
3	256QAM	1	8	18.89	19.00	18.85		
3	256QAM	1	14	18.93	18.84	18.88		
3	256QAM	8	0	19.02	18.80	18.93	20.2	0
3	256QAM	8	4	18.74	18.90	18.65		
3	256QAM	8	7	18.96	18.83	18.74		
3	256QAM	15	0	18.99	18.92	18.88		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.07	19.08	19.05	20.2	0
1.4	QPSK	1	3	18.76	19.00	18.79		
1.4	QPSK	1	5	19.03	18.85	18.89		
1.4	QPSK	3	0	18.89	18.86	19.06		
1.4	QPSK	3	1	18.81	18.87	18.81		
1.4	QPSK	3	3	18.98	18.91	18.84		
1.4	QPSK	6	0	19.05	18.90	18.94	20.2	0
1.4	16QAM	1	0	18.76	18.95	18.79	20.2	0
1.4	16QAM	1	3	19.03	18.81	18.81		
1.4	16QAM	1	5	18.93	18.93	18.99		
1.4	16QAM	3	0	18.84	18.90	18.68		
1.4	16QAM	3	1	18.88	18.84	18.67		
1.4	16QAM	3	3	18.91	18.75	19.02		
1.4	16QAM	6	0	18.78	18.82	18.65	20.2	0
1.4	64QAM	1	0	18.91	18.79	18.72	20.2	0
1.4	64QAM	1	3	19.00	18.87	18.88		
1.4	64QAM	1	5	18.68	18.76	18.69		
1.4	64QAM	3	0	18.93	19.03	18.85		
1.4	64QAM	3	1	18.76	18.80	18.79		
1.4	64QAM	3	3	19.04	18.81	18.75		
1.4	64QAM	6	0	18.95	18.94	18.87	20.2	0
1.4	256QAM	1	0	19.00	18.95	18.87	20.2	0
1.4	256QAM	1	3	18.90	18.97	18.86		
1.4	256QAM	1	5	18.90	18.95	18.81		
1.4	256QAM	3	0	18.94	18.80	18.97		
1.4	256QAM	3	1	18.73	18.86	18.66		
1.4	256QAM	3	3	19.01	18.85	18.71		
1.4	256QAM	6	0	18.93	18.93	18.87	20.2	0

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BW [MHz]	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	15.43	15.53	15.36		
20	QPSK	1	49	15.40	15.38	15.25	17	0
20	QPSK	1	99	15.37	15.46	15.28		
20	QPSK	50	0	15.39	15.43	15.29		
20	QPSK	50	24	15.37	15.33	15.23	17	0
20	QPSK	50	50	15.36	15.41	15.07		
20	QPSK	100	0	15.35	15.44	15.29		
20	16QAM	1	0	15.35	15.40	15.30		
20	16QAM	1	49	15.28	15.27	15.15	17	0
20	16QAM	1	99	15.36	15.29	15.17		
20	16QAM	50	0	15.40	15.39	15.26		
20	16QAM	50	24	15.21	15.31	15.16	17	0
20	16QAM	50	50	15.31	15.35	15.37		
20	16QAM	100	0	15.38	15.33	15.23		
20	64QAM	1	0	15.38	15.40	15.35		
20	64QAM	1	49	15.30	15.24	15.15	17	0
20	64QAM	1	99	15.30	15.26	15.21		
20	64QAM	50	0	15.34	15.32	15.24		
20	64QAM	50	24	15.29	15.18	15.23	17	0
20	64QAM	50	50	15.22	15.28	15.02		
20	64QAM	100	0	15.30	15.34	15.19		
20	256QAM	1	0	15.35	15.45	15.26		
20	256QAM	1	49	15.23	15.35	15.17	17	0
20	256QAM	1	99	15.36	15.29	15.14		
20	256QAM	50	0	15.41	15.42	15.28		
20	256QAM	50	24	15.24	15.16	15.15	17	0
20	256QAM	50	50	15.21	15.35	15.23		
20	256QAM	100	0	15.40	15.33	15.19		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.37	15.39	15.32		
15	QPSK	1	37	15.25	15.24	15.21	17	0
15	QPSK	1	74	15.23	15.35	15.24		
15	QPSK	36	0	15.34	15.35	15.20		
15	QPSK	36	20	15.30	15.28	15.19	17	0
15	QPSK	36	39	15.19	15.37	15.14		
15	QPSK	75	0	15.28	15.40	15.19		
15	16QAM	1	0	15.29	15.38	15.28		
15	16QAM	1	37	15.18	15.15	15.12	17	0
15	16QAM	1	74	15.34	15.26	15.09		
15	16QAM	36	0	15.38	15.26	15.23		
15	16QAM	36	20	15.13	15.21	15.04	17	0
15	16QAM	36	39	15.28	15.22	15.29		
15	16QAM	75	0	15.33	15.23	15.11		
15	64QAM	1	0	15.24	15.33	15.26		
15	64QAM	1	37	15.17	15.16	15.07	17	0
15	64QAM	1	74	15.24	15.15	15.12		
15	64QAM	36	0	15.28	15.28	15.19		
15	64QAM	36	20	15.16	15.05	15.08	17	0
15	64QAM	36	39	15.18	15.26	15.13		
15	64QAM	75	0	15.24	15.24	15.08		
15	256QAM	1	0	15.26	15.42	15.15		
15	256QAM	1	37	15.14	15.29	15.13	17	0
15	256QAM	1	74	15.23	15.20	15.04		
15	256QAM	36	0	15.37	15.29	15.24		
15	256QAM	36	20	15.16	15.08	15.01	17	0
15	256QAM	36	39	15.08	15.29	15.17		
15	256QAM	75	0	15.37	15.20	15.07		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.29	15.41	15.33		
10	QPSK	1	25	15.31	15.28	15.15	17	0
10	QPSK	1	49	15.27	15.33	15.23		
10	QPSK	25	0	15.32	15.41	15.26		
10	QPSK	25	12	15.31	15.21	15.21	17	0
10	QPSK	25	25	15.23	15.37	15.18		
10	QPSK	50	0	15.30	15.42	15.27		
10	16QAM	1	0	15.29	15.33	15.24		
10	16QAM	1	25	15.23	15.15	15.06	17	0
10	16QAM	1	49	15.29	15.27	15.10		
10	16QAM	25	0	15.32	15.27	15.22		
10	16QAM	25	12	15.13	15.21	15.13	17	0
10	16QAM	25	25	15.24	15.24	15.29		
10	16QAM	50	0	15.34	15.25	15.14		
10	64QAM	1	0	15.35	15.26	15.33		
10	64QAM	1	25	15.22	15.18	15.11	17	0
10	64QAM	1	49	15.20	15.13	15.10		
10	64QAM	25	0	15.30	15.30	15.21		
10	64QAM	25	12	15.26	15.14	15.26	17	0
10	64QAM	25	25	15.09	15.16	15.28		
10	64QAM	50	0	15.26	15.21	15.12		
10	256QAM	1	0	15.29	15.42	15.13		
10	256QAM	1	25	15.09	15.26	15.14	17	0
10	256QAM	1	49	15.23	15.21	15.06		
10	256QAM	25	0	15.29	15.38	15.24		
10	256QAM	25	12	15.14	15.09	15.13	17	0
10	256QAM	25	25	15.14	15.31	15.15		
10	256QAM	50	0	15.28	15.25	15.09		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.36	15.45	15.24		
5	QPSK	1	12	15.28	15.29	15.22	17	0
5	QPSK	1	24	15.30	15.39	15.24		
5	QPSK	12	0	15.36	15.35	15.17		
5	QPSK	12	7	15.31	15.25	15.15	17	0
5	QPSK	12	13	15.27	15.31	15.16		
5	QPSK	25	0	15.29	15.37	15.21		
5	16QAM	1	0	15.32	15.26	15.24		
5	16QAM	1	12	15.17	15.11	15.17	17	0
5	16QAM	1	24	15.22	15.23	15.15		
5	16QAM	12	0	15.29	15.22	15.14		
5	16QAM	12	7	15.11	15.26	15.09	17	0
5	16QAM	12	13	15.19	15.19	15.24		
5	16QAM	25	0	15.29	15.28	15.21		
5	64QAM	1	0	15.32	15.32	15.28		
5	64QAM	1	12	15.21	15.17	15.03	17	0
5	64QAM	1	24	15.20	15.13	15.08		
5	64QAM	12	0	15.28	15.27	15.11		
5	64QAM	12	7	15.22	15.11	15.07	17	0
5	64QAM	12	13	15.12	15.24	15.20		
5	64QAM	25	0	15.28	15.28	15.10		
5	256QAM	1	0	15.31	15.36	15.24		
5	256QAM	1	12	15.16	15.29	15.10	17	0
5	256QAM	1	24	15.27	15.25	15.10		
5	256QAM	12	0	15.30	15.30	15.24		
5	256QAM	12	7	15.11	15.07	15.02	17	0
5	256QAM	12	13	15.18	15.32	15.20		
5	256QAM	25	0	15.26	15.28	15.08		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.39	15.40	15.28		
3	QPSK	1	8	15.28	15.34	15.20	17	0
3	QPSK	1	14	15.27	15.33	15.20		
3	QPSK	8	0	15.36	15.32	15.15		
3	QPSK	8	4	15.23	15.23	15.15	17	0
3	QPSK	8	7	15.27	15.28	15.25		
3	QPSK	15	0	15.23	15.37	15.15		
3	16QAM	1	0	15.31	15.29	15.19		
3	16QAM	1	8	15.23	15.20	15.05	17	0
3	16QAM	1	14	15.29	15.20	15.13		
3	16QAM	8	0	15.26	15.15	15.20		
3	16QAM	8	4	15.11	15.29	15.13	17	0
3	16QAM	8	7	15.25	15.31	15.32		
3	16QAM	15	0	15.34	15.26	15.13		
3	64QAM	1	0	15.32	15.31	15.29		
3	64QAM	1	8	15.22	15.12	15.06	17	0
3	64QAM	1	14	15.19	15.15	15.09		
3	64QAM	8	0	15.25	15.26	15.19		
3	64QAM	8	4	15.26	15.12	15.06	17	0
3	64QAM	8	7	15.18	15.24	15.00		
3	64QAM	15	0	15.20	15.26	15.05		
3	256QAM	1	0	15.32	15.40	15.21		
3	256QAM	1	8	15.11	15.27	15.04	17	0
3	256QAM	1	14	15.23	15.20	15.05		
3	256QAM	8	0	15.28	15.31	15.19		
3	256QAM	8	4	15.12	15.04	15.11	17	0
3	256QAM	8	7	15.13	15.27	15.17		
3	256QAM	15	0	15.30	15.20	15.09		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.38	15.44	15.31		
1.4	QPSK	1	3	15.34	15.34	15.11	17	0
1.4	QPSK	1	5	15.35	15.36	15.23		
1.4	QPSK	3	0	15.29	15.32	15.20		
1.4	QPSK	3	1	15.34	15.21	15.17		
1.4	QPSK	3	3	15.27	15.35	15.18		
1.4	QPSK	6	0	15.22	15.32	15.16	17	0
1.4	16QAM	1	0	15.24	15.35	15.19		
1.4	16QAM	1	3	15.23	15.21	15.09		
1.4	16QAM	1	5	15.30	15.22	15.09	17	0
1.4	16QAM	3	0	15.30	15.21	15.19		
1.4	16QAM	3	1	15.11	15.20	15.08		
1.4	16QAM	3	3	15.27	15.21	15.33		
1.4	16QAM	6	0	15.25	15.26	15.20	17	0
1.4	64QAM	1	0	15.33	15.37	15.23		
1.4	64QAM	1	3	15.24	15.20	15.13		
1.4	64QAM	1	5	15.18	15.20	15.14	17	0
1.4	64QAM	3	0	15.24	15.23	15.10		
1.4	64QAM	3	1	15.15	15.16	15.02		
1.4	64QAM	3	3	15.12	15.15	15.19		
1.4	64QAM	6	0	15.17	15.23	15.11	17	0
1.4	256QAM	1	0	15.22	15.34	15.13		
1.4	256QAM	1	3	15.16	15.22	15.13		
1.4	256QAM	1	5	15.26	15.19	15.04	17	0
1.4	256QAM	3	0	15.27	15.29	15.14		
1.4	256QAM	3	1	15.13	15.09	15.02		
1.4	256QAM	3	3	15.08	15.21	15.12		
1.4	256QAM	6	0	15.27	15.24	15.10	17	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.00	18.04	18.02		
20	QPSK	1	49	17.80	18.00	17.89	19.2	0
20	QPSK	1	99	17.79	17.83	17.92		
20	QPSK	50	0	17.92	17.96	17.88		
20	QPSK	50	24	17.70	17.94	17.81	19.2	0
20	QPSK	50	50	17.71	17.95	17.84		
20	QPSK	100	0	17.87	17.91	17.91		
20	16QAM	1	0	17.90	17.95	17.92		
20	16QAM	1	49	17.73	17.91	17.81	19.2	0
20	16QAM	1	99	17.63	17.87	17.83		
20	16QAM	50	0	17.79	17.83	17.92		
20	16QAM	50	24	17.60	17.82	17.73	19.2	0
20	16QAM	50	50	17.63	17.88	17.77		
20	16QAM	100	0	17.86	17.84	17.79		
20	64QAM	1	0	17.68	17.91	17.97		
20	64QAM	1	49	17.68	17.89	17.80	19.2	0
20	64QAM	1	99	17.71	17.94	17.80		
20	64QAM	50	0	17.83	17.92	17.78		
20	64QAM	50	24	17.61	17.86	17.68	19.2	0
20	64QAM	50	50	17.64	17.88	17.71		
20	64QAM	100	0	17.89	17.81	17.88		
20	256QAM	1	0	17.95	17.96	17.92		
20	256QAM	1	49	17.70	17.95	17.86	19.2	0
20	256QAM	1	99	17.71	17.86	17.79		
20	256QAM	50	0	17.83	17.91	17.81		
20	256QAM	50	24	17.58	17.84	17.71	19.2	0
20	256QAM	50	50	17.62	17.88	17.77		
20	256QAM	100	0	17.84	17.88	17.87		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.80	17.80	17.82		
15	QPSK	1	37	17.56	17.79	17.74	19.2	0
15	QPSK	1	74	17.56	17.82	17.80		
15	QPSK	36	0	17.80	17.77	17.75		
15	QPSK	36	20	17.57	17.72	17.65	19.2	0
15	QPSK	36	39	17.49	17.76	17.67		
15	QPSK	75	0	17.74	17.77	17.76		
15	16QAM	1	0	17.69	17.73	17.70		
15	16QAM	1	37	17.58	17.70	17.59	19.2	0
15	16QAM	1	74	17.40	17.66	17.68		
15	16QAM	36	0	17.61	17.63	17.66		
15	16QAM	36	20	17.47	17.66	17.51	19.2	0
15	16QAM	36	39	17.47	17.67	17.62		
15	16QAM	75	0	17.70	17.68	17.55		
15	64QAM	1	0	17.72	17.70	17.83		
15	64QAM	1	37	17.55	17.69	17.59	19.2	0
15	64QAM	1	74	17.55	17.74	17.62		
15	64QAM	36	0	17.66	17.75	17.56		
15	64QAM	36	20	17.51	17.73	17.54	19.2	0
15	64QAM	36	39	17.52	17.70	17.54		
15	64QAM	75	0	17.71	17.61	17.76		
15	256QAM	1	0	17.82	17.77	17.74		
15	256QAM	1	37	17.51	17.77	17.73	19.2	0
15	256QAM	1	74	17.48	17.84	17.59		
15	256QAM	36	0	17.69	17.73	17.64		
15	256QAM	36	20	17.46	17.68	17.52	19.2	0
15	256QAM	36	39	17.48	17.67	17.44		
15	256QAM	75	0	17.67	17.76	17.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.80	17.81	17.85		
10	QPSK	1	25	17.57	17.83	17.73	19.2	0
10	QPSK	1	49	17.53	17.88	17.71		
10	QPSK	25	0	17.74	17.83	17.67		
10	QPSK	25	12	17.57	17.79	17.62	19.2	0
10	QPSK	25	25	17.53	17.75	17.71		
10	QPSK	50	0	17.83	17.78	17.75		
10	16QAM	1	0	17.76	17.71	17.79		
10	16QAM	1	25	17.56	17.75	17.57	19.2	0
10	16QAM	1	49	17.42	17.65	17.66		
10	16QAM	25	0	17.66	17.67	17.62		
10	16QAM	25	12	17.48	17.62	17.60	19.2	0
10	16QAM	25	25	17.40	17.70	17.56		
10	16QAM	50	0	17.72	17.63	17.59		
10	64QAM	1	0	17.79	17.69	17.76		
10	64QAM	1	25	17.50	17.72	17.67	19.2	0
10	64QAM	1	49	17.49	17.81	17.61		
10	64QAM	25	0	17.70	17.69	17.59		
10	64QAM	25	12	17.50	17.73	17.50	19.2	0
10	64QAM	25	25	17.49	17.65	17.49		
10	64QAM	50	0	17.69	17.67	17.65		
10	256QAM	1	0	17.77	17.79	17.76		
10	256QAM	1	25	17.52	17.76	17.68	19.2	0
10	256QAM	1	49	17.57	17.68	17.64		
10	256QAM	25	0	17.67	17.70	17.58		
10	256QAM	25	12	17.48	17.68	17.64	19.2	0
10	256QAM	25	25	17.44	17.75	17.55		
10	256QAM	50	0	17.70	17.74	17.66		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.77	17.92	17.85		
5	QPSK	1	12	17.58	17.83	17.71	19.2	0
5	QPSK	1	24	17.60	17.83	17.78		
5	QPSK	12	0	17.71	17.73	17.75		
5	QPSK	12	7	17.55	17.78	17.82	19.2	0
5	QPSK	12	13	17.48	17.74	17.67		
5	QPSK	25	0	17.79	17.68	17.69		
5	16QAM	1	0	17.75	17.75	17.70		
5	16QAM	1	12	17.53	17.73	17.67	19.2	0
5	16QAM	1	24	17.43	17.69	17.66		
5	16QAM	12	0	17.61	17.69	17.67		
5	16QAM	12	7	17.47	17.59	17.51	19.2	0
5	16QAM	12	13	17.48	17.57	17.54		
5	16QAM	25	0	17.69	17.69	17.55		
5	64QAM	1	0	17.70	17.70	17.80		
5	64QAM	1	12	17.45	17.66	17.67	19.2	0
5	64QAM	1	24	17.58	17.74	17.72		
5	64QAM	12	0	17.70	17.72	17.56		
5	64QAM	12	7	17.44	17.70	17.56	19.2	0
5	64QAM	12	13	17.42	17.67	17.58		
5	64QAM	25	0	17.70	17.61	17.70		
5	256QAM	1	0	17.72	17.82	17.74		
5	256QAM	1	12	17.52	17.81	17.69	19.2	0
5	256QAM	1	24	17.57	17.74	17.62		
5	256QAM	12	0	17.62	17.72	17.68		
5	256QAM	12	7	17.44	17.68	17.57	19.2	0
5	256QAM	12	13	17.48	17.74	17.63		
5	256QAM	25	0	17.65	17.73	17.68		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.79	17.83	17.79		
3	QPSK	1	8	17.61	17.83	17.76	19.2	0
3	QPSK	1	14	17.60	17.87	17.76		
3	QPSK	8	0	17.74	17.82	17.74		
3	QPSK	8	4	17.51	17.78	17.60	19.2	0
3	QPSK	8	7	17.49	17.80	17.60		
3	QPSK	15	0	17.81	17.71	17.78		
3	16QAM	1	0	17.67	17.79	17.71		
3	16QAM	1	8	17.54	17.78	17.68	19.2	0
3	16QAM	1	14	17.50	17.73	17.67		
3	16QAM	8	0	17.64	17.69	17.66		
3	16QAM	8	4	17.63	17.81	17.52	19.2	0
3	16QAM	8	7	17.48	17.70	17.57		
3	16QAM	15	0	17.63	17.66	17.66		
3	64QAM	1	0	17.74	17.71	17.78		
3	64QAM	1	8	17.51	17.69	17.58	19.2	0
3	64QAM	1	14	17.53	17.73	17.59		
3	64QAM	8	0	17.67	17.78	17.60		
3	64QAM	8	4	17.43	17.63	17.50	19.2	0
3	64QAM	8	7	17.42	17.73	17.58		
3	64QAM	15	0	17.69	17.66	17.75		
3	256QAM	1	0	17.81	17.77	17.71		
3	256QAM	1	8	17.48	17.82	17.66	19.2	0
3	256QAM	1	14	17.49	17.73	17.56		
3	256QAM	8	0	17.61	17.68	17.64		
3	256QAM	8	4	17.45	17.82	17.55	19.2	0
3	256QAM	8	7	17.40	17.76	17.62		
3	256QAM	15	0	17.66	17.73	17.73		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.78	17.84	17.87		
1.4	QPSK	1	3	17.60	17.83	17.74		
1.4	QPSK	1	5	17.54	17.86	17.73	19.2	0
1.4	QPSK	3	0	17.73	17.83	17.71		
1.4	QPSK	3	1	17.54	17.74	17.62		
1.4	QPSK	3	3	17.48	17.80	17.70		
1.4	QPSK	6	0	17.60	17.73	17.74	19.2	0
1.4	16QAM	1	0	17.72	17.82	17.80		
1.4	16QAM	1	3	17.59	17.72	17.62		
1.4	16QAM	1	5	17.41	17.68	17.62	19.2	0
1.4	16QAM	3	0	17.58	17.64	17.59		
1.4	16QAM	3	1	17.46	17.61	17.58		
1.4	16QAM	3	3	17.40	17.74	17.62		
1.4	16QAM	6	0	17.70	17.63	17.64	19.2	0
1.4	64QAM	1	0	17.76	17.73	17.81		
1.4	64QAM	1	3	17.45	17.73	17.62	19.2	0
1.4	64QAM	1	5	17.57	17.77	17.57		
1.4	64QAM	3	0	17.66	17.77	17.60		
1.4	64QAM	3	1	17.49	17.71	17.48		
1.4	64QAM	3	3	17.48	17.76	17.49	19.2	0
1.4	64QAM	6	0	17.75	17.63	17.74		
1.4	256QAM	1	0	17.82	17.73	17.74		
1.4	256QAM	1	3	17.58	17.73	17.71	19.2	0
1.4	256QAM	1	5	17.53	17.69	17.66		
1.4	256QAM	3	0	17.60	17.78	17.58		
1.4	256QAM	3	1	17.41	17.62	17.52		
1.4	256QAM	3	3	17.44	17.72	17.58		
1.4	256QAM	6	0	17.60	17.75	17.66	19.2	0

Band 7 Ant 2 DSI6

BW [MHz]	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	14.94	15.04	15.02		
20	QPSK	1	49	14.89	14.95	14.94	16.5	0
20	QPSK	1	99	14.86	14.93	14.95		
20	QPSK	50	0	14.89	14.96	14.89		
20	QPSK	50	24	14.81	14.83	14.91	16.5	0
20	QPSK	50	50	14.79	14.82	14.92		
20	QPSK	100	0	14.86	14.83	14.92		
20	16QAM	1	0	14.91	14.92	14.88		
20	16QAM	1	49	14.86	14.89	14.84	16.5	0
20	16QAM	1	99	14.81	14.81	14.83		
20	16QAM	50	0	14.78

Band 2 Ant 3 DSI6

BW [MHz]	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	16.68	16.73	16.64	18	0
20	QPSK	1	49	16.59	16.71	16.65		
20	QPSK	1	99	16.58	16.71	16.52		
20	QPSK	50	0	16.58	16.69	16.58		
20	QPSK	50	24	16.50	16.66	16.53	18	0
20	QPSK	50	50	16.47	16.69	16.38		
20	QPSK	100	0	16.55	16.67	16.51		
20	16QAM	1	0	16.65	16.61	16.52		
20	16QAM	1	49	16.45	16.62	16.57	18	0
20	16QAM	1	99	16.46	16.57	16.41		
20	16QAM	50	0	16.54	16.65	16.52		
20	16QAM	50	24	16.46	16.63	16.45	18	0
20	16QAM	50	50	16.35	16.57	16.30		
20	16QAM	100	0	16.56	16.65	16.49		
20	64QAM	1	0	16.58	16.60	16.54		
20	64QAM	1	49	16.49	16.63	16.53	18	0
20	64QAM	1	99	16.56	16.64	16.46		
20	64QAM	50	0	16.52	16.57	16.49		
20	64QAM	50	24	16.47	16.59	16.41	18	0
20	64QAM	50	50	16.40	16.55	16.34		
20	64QAM	100	0	16.63	16.53	16.47		
20	256QAM	1	0	16.60	16.65	16.56		
20	256QAM	1	49	16.45	16.62	16.57	18	0
20	256QAM	1	99	16.48	16.67	16.48		
20	256QAM	50	0	16.50	16.63	16.54		
20	256QAM	50	24	16.37	16.60	16.45	18	0
20	256QAM	50	50	16.41	16.59	16.36		
20	256QAM	100	0	16.57	16.56	16.56		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.60	16.66	16.58	18	0
15	QPSK	1	37	16.53	16.67	16.54		
15	QPSK	1	74	16.49	16.61	16.46		
15	QPSK	36	0	16.49	16.60	16.49		
15	QPSK	36	20	16.37	16.57	16.40	18	0
15	QPSK	36	39	16.45	16.62	16.25		
15	QPSK	75	0	16.52	16.64	16.48		
15	16QAM	1	0	16.60	16.56	16.45	18	0
15	16QAM	1	37	16.36	16.53	16.48		
15	16QAM	1	74	16.37	16.48	16.37		
15	16QAM	36	0	16.45	16.59	16.40		
15	16QAM	36	20	16.41	16.54	16.40	18	0
15	16QAM	36	39	16.27	16.52	16.22		
15	16QAM	75	0	16.52	16.51	16.47		
15	64QAM	1	0	16.44	16.49	16.51		
15	64QAM	1	37	16.37	16.53	16.43	18	0
15	64QAM	1	74	16.42	16.53	16.40		
15	64QAM	36	0	16.46	16.43	16.44		
15	64QAM	36	20	16.36	16.53	16.33	18	0
15	64QAM	36	39	16.32	16.43	16.27		
15	64QAM	75	0	16.50	16.49	16.40		
15	256QAM	1	0	16.57	16.56	16.42		
15	256QAM	1	37	16.37	16.60	16.54	18	0
15	256QAM	1	74	16.41	16.59	16.44		
15	256QAM	36	0	16.40	16.49	16.46		
15	256QAM	36	20	16.33	16.49	16.37	18	0
15	256QAM	36	39	16.35	16.55	16.19		
15	256QAM	75	0	16.47	16.52	16.45		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.63	16.66	16.44	18	0
10	QPSK	1	25	16.57	16.61	16.62		
10	QPSK	1	49	16.56	16.62	16.38		
10	QPSK	25	0	16.56	16.66	16.47		
10	QPSK	25	12	16.38	16.59	16.44	18	0
10	QPSK	25	25	16.43	16.62	16.58		
10	QPSK	50	0	16.55	16.63	16.55		
10	16QAM	1	0	16.54	16.51	16.47		
10	16QAM	1	25	16.34	16.56	16.44	18	0
10	16QAM	1	49	16.44	16.51	16.34		
10	16QAM	25	0	16.43	16.53	16.48		
10	16QAM	25	12	16.36	16.60	16.42	18	0
10	16QAM	25	25	16.22	16.50	16.23		
10	16QAM	50	0	16.53	16.60	16.36		
10	64QAM	1	0	16.54	16.52	16.45		
10	64QAM	1	25	16.37	16.57	16.45	18	0
10	64QAM	1	49	16.49	16.58	16.37		
10	64QAM	25	0	16.44	16.53	16.37		
10	64QAM	25	12	16.40	16.53	16.33	18	0
10	64QAM	25	25	16.28	16.45	16.31		
10	64QAM	50	0	16.54	16.44	16.42		
10	256QAM	1	0	16.49	16.62	16.46		
10	256QAM	1	25	16.42	16.49	16.54	18	0
10	256QAM	1	49	16.44	16.57	16.38		
10	256QAM	25	0	16.42	16.57	16.44		
10	256QAM	25	12	16.27	16.54	16.44	18	0
10	256QAM	25	25	16.31	16.53	16.24		
10	256QAM	50	0	16.51	16.51	16.48		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.61	16.67	16.54	18	0
5	QPSK	1	12	16.47	16.57	16.61		
5	QPSK	1	24	16.54	16.65	16.40		
5	QPSK	12	0	16.47	16.65	16.48		
5	QPSK	12	7	16.46	16.57	16.42	18	0
5	QPSK	12	13	16.35	16.61	16.30		
5	QPSK	25	0	16.54	16.64	16.53		
5	16QAM	1	0	16.52	16.50	16.39		
5	16QAM	1	12	16.40	16.59	16.50	18	0
5	16QAM	1	24	16.34	16.52	16.37		
5	16QAM	12	0	16.51	16.61	16.46		
5	16QAM	12	7	16.37	16.52	16.32	18	0
5	16QAM	12	13	16.28	16.47	16.26		
5	16QAM	25	0	16.43	16.60	16.39		
5	64QAM	1	0	16.46	16.54	16.46	18	0
5	64QAM	1	12	16.44	16.53	16.44		
5	64QAM	1	24	16.30	16.54	16.39		
5	64QAM	12	0	16.41	16.47	16.45		
5	64QAM	12	7	16.34	16.57	16.30	18	0
5	64QAM	12	13	16.26	16.52	16.30		
5	64QAM	25	0	16.41	16.41	16.40		
5	256QAM	1	0	16.48	16.61	16.48		
5	256QAM	1	12	16.34	16.54	16.47	18	0
5	256QAM	1	24	16.43	16.64	16.42		
5	256QAM	12	0	16.38	16.54	16.47		
5	256QAM	12	7	16.23	16.50	16.39	18	0
5	256QAM	12	13	16.35	16.52	16.15		
5	256QAM	25	0	16.51	16.49	16.53		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.59	16.59	16.53	18	0
3	QPSK	1	8	16.54	16.64	16.59		
3	QPSK	1	14	16.49	16.67	16.41		
3	QPSK	8	0	16.52	16.62	16.49		
3	QPSK	8	4	16.41	16.54	16.39	18	0
3	QPSK	8	7	16.38	16.56	16.27		
3	QPSK	15	0	16.61	16.62	16.52		
3	16QAM	1	0	16.57	16.53	16.46	18	0
3	16QAM	1	8	16.32	16.53	16.46		
3	16QAM	1	14	16.43	16.44	16.37		
3	16QAM	8	0	16.47	16.55	16.42	18	0
3	16QAM	8	4	16.32	16.57	16.41		
3	16QAM	8	7	16.31	16.51	16.20		
3	16QAM	15	0	16.46	16.60	16.38		
3	64QAM	1	0	16.44	16.52	16.43	18	0
3	64QAM	1	8	16.40	16.59	16.44		
3	64QAM	1	14	16.51	16.61	16.41		
3	64QAM	8	0	16.50	16.49	16.37	18	0
3	64QAM	8	4	16.36	16.53	16.33		
3	64QAM	8	7	16.36	16.45	16.24		
3	64QAM	15	0	16.50	16.47	16.37		
3	256QAM	1	0	16.49	16.61	16.47	18	0
3	256QAM	1	8	16.36	16.59	16.45		
3	256QAM	1	14	16.43	16.64	16.45		
3	256QAM	8	0	16.39	16.54	16.42	18	0
3	256QAM	8	4	16.24	16.51	16.40		
3	256QAM	8	7	16.34	16.47	16.20		
3	256QAM	15	0	16.47	16.53	16.47		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.59	16.59	16.50	18	0
1.4	QPSK	1	3	16.53	16.60	16.55		
1.4	QPSK	1	5	16.50	16.65	16.49		
1.4	QPSK	3	0	16.46	16.61	16.47		
1.4	QPSK	3	1	16.41	16.53	16.45		
1.4	QPSK	3	3	16.37	16.67	16.31		
1.4	QPSK	6	0	16.56	16.56	16.58	18	0
1.4	16QAM	1	0	16.57	16.49	16.45	18	0
1.4	16QAM	1	3	16.40	16.54	16.51		
1.4	16QAM	1	5	16.33	16.47	16.35		
1.4	16QAM	3	0	16.45	16.55	16.37		
1.4	16QAM	3	1	16.44	16.53	16.33		
1.4	16QAM	3	3	16.26	16.48	16.27		
1.4	16QAM	6	0	16.49	16.52	16.40	18	0
1.4	64QAM	1	0	16.55	16.54	16.51	18	0
1.4	64QAM	1	3	16.39	16.57	16.49		
1.4	64QAM	1	5	16.48	16.59	16.41		
1.4	64QAM	3	0	16.45	16.48	16.44		
1.4	64QAM	3	1	16.44	16.53	16.38		
1.4	64QAM	3	3	16.32	16.44	16.28		
1.4	64QAM	6	0	16.51	16.43	16.40	18	0
1.4	256QAM	1	0	16.52	16.61	16.54	18	0
1.4	256QAM	1	3	16.37	16.58	16.43		
1.4	256QAM	1	5	16.42	16.64	16.37		
1.4	256QAM	3	0	16.42	16.53	16.48		
1.4	256QAM	3	1	16.29	16.57	16.34		
1.4	256QAM	3	3	16.33	16.56	16.20		
1.4	256QAM	6	0	16.51	16.48	16.45	18	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.54	18.69	18.61	19.2	0
20	QPSK	1	49	18.57	18.59	18.61		
20	QPSK	1	99	18.55	18.53	18.58		
20	QPSK	50	0	18.42	18.67	18.57		
20	QPSK	50	24	18.55	18.54	18.50	19.2	0
20	QPSK	50	50	18.50	18.43	18.48		
20	QPSK	100	0	18.55	18.66	18.51		
20	16QAM	1	0	18.50	18.61	18.55		
20	16QAM	1	49	18.48	18.47	18.51	19.2	0
20	16QAM	1	99	18.41	18.41	18.45		
20	16QAM	50	0	18.38	18.60	18.50		
20	16QAM	50	24	18.45	18.52	18.44	19.2	0
20	16QAM	50	50	18.43	18.33	18.40		
20	16QAM	100	0	18.46	18.53	18.47		
20	64QAM	1	0	18.50	18.56	18.52		
20	64QAM	1	49	18.53	18.46	18.52	19.2	0
20	64QAM	1	99	18.44	18.48	18.52		
20	64QAM	50	0	18.32	18.60	18.51		
20	64QAM	50	24	18.47	18.42	18.41	19.2	0
20	64QAM	50	50	18.37	18.30	18.35		
20	64QAM	100	0	18.41	18.61	18.44		
20	256QAM	1	0	18.46	18.59	18.47		
20	256QAM	1	49	18.48	18.50	18.54	19.2	0
20	256QAM	1	99	18.53	18.42	18.53		
20	256QAM	50	0	18.35	18.55	18.43		
20	256QAM	50	24	18.41	18.42	18.46	19.2	0
20	256QAM	50	50	18.44	18.40	18.35		
20	256QAM	100	0	18.38	18.57	18.41		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.52	18.56	18.57	19.2	0
15	QPSK	1	37	18.55	18.55	18.56		
15	QPSK	1	74	18.48	18.41	18.46		
15	QPSK	36	0	18.33	18.60	18.52		
15	QPSK	36	20	18.42	18.45	18.46	19.2	0
15	QPSK	36	39	18.37	18.34	18.45		
15	QPSK	75	0	18.39	18.61	18.38		
15	16QAM	1	0	18.46	18.48	18.46		
15	16QAM	1	37	18.42	18.35	18.43	19.2	0
15	16QAM	1	74	18.34	18.31	18.39		
15	16QAM	36	0	18.26	18.57	18.41		
15	16QAM	36	20	18.34	18.49	18.33	19.2	0
15	16QAM	36	39	18.35	18.24	18.32		
15	16QAM	75	0	18.38	18.41	18.34		
15	64QAM	1	0	18.39	18.52	18.44		
15	64QAM	1	37	18.50	18.33	18.43	19.2	0
15	64QAM	1	74	18.38	18.34	18.42		
15	64QAM	36	0	18.29	18.57	18.46		
15	64QAM	36	20	18.38	18.39	18.28	19.2	0
15	64QAM	36	39	18.30	18.20	18.24		
15	64QAM	75	0	18.33	18.51	18.35		
15	256QAM	1	0	18.34	18.46	18.41		
15	256QAM	1	37	18.35	18.38	18.47	19.2	0
15	256QAM	1	74	18.49	18.40	18.47		
15	256QAM	36	0	18.27	18.45	18.37		
15	256QAM	36	20	18.31	18.34	18.42	19.2	0
15	256QAM	36	39	18.40	18.31	18.30		
15	256QAM	75	0	18.25	18.48	18.32		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.43	18.57	18.54	19.2	0
10	QPSK	1	25	18.47	18.51	18.54		
10	QPSK	1	49	18.41	18.48	18.44		
10	QPSK	25	0	18.29	18.56	18.46		
10	QPSK	25	12	18.52	18.48	18.37	19.2	0
10	QPSK	25	25	18.42	18.52	18.43		
10	QPSK	50	0	18.43	18.57	18.40		
10	16QAM	1	0	18.40	18.50	18.44		
10	16QAM	1	25	18.38	18.36	18.44	19.2	0
10	16QAM	1	49	18.27	18.28	18.33		
10	16QAM	25	0	18.30	18.52	18.40		
10	16QAM	25	12	18.33	18.48	18.37	19.2	0
10	16QAM	25	25	18.32	18.23	18.26		
10	16QAM	50	0	18.37	18.43	18.37		
10	64QAM	1	0	18.37	18.50	18.48		
10	64QAM	1	25	18.39	18.36	18.42	19.2	0
10	64QAM	1	49	18.35	18.39	18.46		
10	64QAM	25	0	18.22	18.50	18.39		
10	64QAM	25	12	18.36	18.32	18.32	19.2	0
10	64QAM	25	25	18.32	18.21	18.28		
10	64QAM	50	0	18.28	18.51	18.35		
10	256QAM	1	0	18.33	18.48	18.35		
10	256QAM	1	25	18.43	18.41	18.43	19.2	0
10	256QAM	1	49	18.50	18.30	18.44		
10	256QAM	25	0	18.26	18.42	18.33		
10	256QAM	25	12	18.27	18.34	18.39	19.2	0
10	256QAM	25	25	18.37	18.27	18.32		
10	256QAM	50	0	18.32	18.48	18.30		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.48	18.56	18.55	19.2	0
5	QPSK	1	12	18.44	18.54	18.50		
5	QPSK	1	24	18.49	18.50	18.54		
5	QPSK	12	0	18.33	18.59	18.47		
5	QPSK	12	7	18.41	18.45	18.39	19.2	0
5	QPSK	12	13	18.45	18.35	18.43		
5	QPSK	25	0	18.40	18.53	18.43		
5	16QAM	1	0	18.27	18.55	18.47		
5	16QAM	1	12	18.40	18.42	18.49	19.2	0
5	16QAM	1	24	18.29	18.38	18.34		
5	16QAM	12	0	18.27	18.55	18.37		
5	16QAM	12	7	18.34	18.41	18.37	19.2	0
5	16QAM	12	13	18.36	18.34	18.38		
5	16QAM	25	0	18.36	18.49	18.45		
5	64QAM	1	0	18.44	18.51	18.46		
5	64QAM	1	12	18.47	18.41	18.42	19.2	0
5	64QAM	1	24	18.41	18.40	18.48		
5	64QAM	12	0	18.25	18.51	18.42		
5	64QAM	12	7	18.33	18.38	18.35	19.2	0
5	64QAM	12	13	18.25	18.21	18.29		
5	64QAM	25	0	18.30	18.51	18.35		
5	256QAM	1	0	18.34	18.57	18.44		
5	256QAM	1	12	18.45	18.38	18.47	19.2	0
5	256QAM	1	24	18.46	18.33	18.44		
5	256QAM	12	0	18.29	18.53	18.32		
5	256QAM	12	7	18.38	18.36	18.40	19.2	0
5	256QAM	12	13	18.32	18.36	18.32		
5	256QAM	25	0	18.28	18.44	18.33		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.45	18.55	18.47	19.2	0
3	QPSK	1	8	18.49	18.48	18.55		
3	QPSK	1	14	18.42	18.40	18.49		
3	QPSK	8	0	18.31	18.55	18.46		
3	QPSK	8	4	18.49	18.51	18.47	19.2	0
3	QPSK	8	7	18.40	18.41	18.44		
3	QPSK	15	0	18.46	18.61	18.48		
3	16QAM	1	0	18.46	18.56	18.42		
3	16QAM	1	8	18.40	18.43	18.43	19.2	0
3	16QAM	1	14	18.38	18.33	18.41		
3	16QAM	8	0	18.27	18.48	18.43		
3	16QAM	8	4	18.39	18.39	18.46	19.2	0
3	16QAM	8	7	18.31	18.29	18.33		
3	16QAM	15	0	18.41	18.51	18.41		
3	64QAM	1	0	18.42	18.46	18.44		
3	64QAM	1	8	18.46	18.41	18.40	19.2	0
3	64QAM	1	14	18.38	18.34	18.49		
3	64QAM	8	0	18.19	18.51	18.46		
3	64QAM	8	4	18.36	18.33	18.39	19.2	0
3	64QAM	8	7	18.29	18.23	18.28		
3	64QAM	15	0	18.31	18.48	18.41		
3	256QAM	1	0	18.42	18.46	18.37		
3	256QAM	1	8	18.43	18.44	18.49	19.2	0
3	256QAM	1	14	18.43	18.51	18.40		
3	256QAM	8	0	18.31	18.51	18.40		
3	256QAM	8	4	18.35	18.35	18.37	19.2	0
3	256QAM	8	7	18.32	18.36	18.23		
3	256QAM	15	0	18.26	18.47	18.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.46	18.59	18.56	19.2	0
1.4	QPSK	1	3	18.51	18.51	18.48		
1.4	QPSK	1	5	18.49	18.40	18.48		
1.4	QPSK	3	0	18.39	18.65	18.48		
1.4	QPSK	3	1	18.52	18.50	18.37		
1.4	QPSK	3	3	18.45	18.35	18.39		
1.4	QPSK	6	0	18.38	18.51	18.43	19.2	0
1.4	16QAM	1	0	18.38	18.51	18.50		
1.4	16QAM	1	3	18.39	18.45	18.46		
1.4	16QAM	1	5	18.34	18.28	18.40	19.2	0
1.4	16QAM	3	0	18.26	18.53	18.38		
1.4	16QAM	3	1	18.36	18.49	18.30		
1.4	16QAM	3	3	18.36	18.19	18.33		
1.4	16QAM	6	0	18.42	18.41	18.44	19.2	0
1.4	64QAM	1	0	18.42	18.48	18.48		
1.4	64QAM	1	3	18.40	18.43	18.47		
1.4	64QAM	1	5	18.33	18.36	18.43	19.2	0
1.4	64QAM	3	0	18.21	18.58	18.37		
1.4	64QAM	3	1	18.44	18.39	18.29		
1.4	64QAM	3	3	18.21	18.21	18.29		
1.4	64QAM	6	0	18.33	18.58	18.42	19.2	0
1.4	256QAM	1	0	18.39	18.54	18.41	19.2	0
1.4	256QAM	1	3	18.36	18.45	18.46		
1.4	256QAM	1	5	18.39	18.29	18.43		
1.4	256QAM	3	0	18.24	18.46	18.40		
1.4	256QAM	3	1	18.32	18.35	18.41		
1.4	256QAM	3	3	18.38	18.27	18.27		
1.4	256QAM	6	0	18.33	18.50	18.36	19.2	0

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BW [MHz]	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	16.60	16.63	16.51	17.2	0
20	QPSK	1	49	16.49	16.56	16.48		
20	QPSK	1	99	16.53	16.51	16.44		
20	QPSK	50	0	16.54	16.58	16.46		
20	QPSK	50	24	16.39	16.50	16.36	17.2	0
20	QPSK	50	50	16.44	16.45	16.38		
20	QPSK	100	0	16.55	16.55	16.45		
20	16QAM	1	0	16.57	16.54	16.43		
20	16QAM	1	49	16.41	16.46	16.38	17.2	0
20	16QAM	1	99	16.42	16.42	16.31		
20	16QAM	50	0	16.41	16

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BW [MHz]	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	21.79	21.97	21.90	23.2	0
20	QPSK	1	49	21.71	21.90	21.79		
20	QPSK	1	99	21.77	21.84	21.75		
20	QPSK	50	0	21.75	21.93	21.82		
20	QPSK	50	24	21.60	21.78	21.72		
20	QPSK	50	50	21.66	21.70	21.66		
20	QPSK	100	0	21.77	21.91	21.84		
20	16QAM	1	0	21.72	21.89	21.84		
20	16QAM	1	49	21.61	21.81	21.70	23.2	0
20	16QAM	1	99	21.70	21.76	21.71		
20	16QAM	50	0	21.71	21.81	21.75		
20	16QAM	50	24	21.58	21.75	21.61		
20	16QAM	50	50	21.54	21.59	21.57		
20	16QAM	100	0	21.72	21.83	21.73		
20	64QAM	1	0	21.62	21.81	21.75		
20	64QAM	1	49	21.51	21.75	21.60	23.2	0
20	64QAM	1	99	21.62	21.67	21.60		
20	64QAM	50	0	21.30	21.49	21.36		
20	64QAM	50	24	21.07	21.28	21.24	22.7	0.5
20	64QAM	50	50	21.18	21.24	21.11		
20	64QAM	100	0	21.22	21.44	21.31		
20	256QAM	1	0	19.21	19.41	19.27		
20	256QAM	1	49	19.11	19.28	19.18	20.7	2.5
20	256QAM	1	99	19.16	19.22	19.17		
20	256QAM	50	0	19.31	19.36	19.36		
20	256QAM	50	24	19.20	19.35	19.37	20.7	2.5
20	256QAM	50	50	19.12	19.30	19.23		
20	256QAM	100	0	19.25	19.28	19.18		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.67	21.91	21.78	23.2	0
15	QPSK	1	37	21.66	21.76	21.69		
15	QPSK	1	74	21.72	21.79	21.74		
15	QPSK	36	0	21.67	21.84	21.78		
15	QPSK	36	20	21.50	21.74	21.63	23.2	0
15	QPSK	36	39	21.57	21.68	21.57		
15	QPSK	75	0	21.69	21.83	21.72		
15	16QAM	1	0	21.59	21.80	21.81		
15	16QAM	1	37	21.49	21.75	21.58	23.2	0
15	16QAM	1	74	21.63	21.69	21.64		
15	16QAM	36	0	21.67	21.77	21.73		
15	16QAM	36	20	21.50	21.62	21.57	23.2	0
15	16QAM	36	39	21.42	21.50	21.45		
15	16QAM	75	0	21.67	21.72	21.62		
15	64QAM	1	0	21.60	21.76	21.63		
15	64QAM	1	37	21.46	21.62	21.48	23.2	0
15	64QAM	1	74	21.57	21.60	21.54		
15	64QAM	36	0	21.24	21.43	21.28		
15	64QAM	36	20	20.99	21.16	21.22	22.7	0.5
15	64QAM	36	39	21.08	21.12	21.00		
15	64QAM	75	0	21.14	21.31	21.21		
15	256QAM	1	0	19.15	19.36	19.16		
15	256QAM	1	37	19.06	19.26	19.06	20.7	2.5
15	256QAM	1	74	19.12	19.20	19.08		
15	256QAM	36	0	19.25	19.24	19.32		
15	256QAM	36	20	19.07	19.33	19.34	20.7	2.5
15	256QAM	36	39	19.06	19.23	19.11		
15	256QAM	75	0	19.15	19.23	19.13		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.72	21.86	21.78	23.2	0
10	QPSK	1	25	21.65	21.86	21.71		
10	QPSK	1	49	21.68	21.74	21.70		
10	QPSK	25	0	21.63	21.83	21.69		
10	QPSK	25	12	21.53	21.76	21.63	23.2	0
10	QPSK	25	25	21.55	21.58	21.52		
10	QPSK	50	0	21.68	21.84	21.77		
10	16QAM	1	0	21.68	21.84	21.73		
10	16QAM	1	25	21.57	21.71	21.57	23.2	0
10	16QAM	1	49	21.66	21.69	21.59		
10	16QAM	25	0	21.65	21.70	21.62		
10	16QAM	25	12	21.56	21.63	21.48	23.2	0
10	16QAM	25	25	21.44	21.54	21.49		
10	16QAM	50	0	21.61	21.74	21.70		
10	64QAM	1	0	21.55	21.71	21.67		
10	64QAM	1	25	21.41	21.70	21.54	23.2	0
10	64QAM	1	49	21.56	21.60	21.48		
10	64QAM	25	0	21.25	21.35	21.31		
10	64QAM	25	12	20.94	21.20	21.18	22.7	0.5
10	64QAM	25	25	21.06	21.18	20.99		
10	64QAM	50	0	21.11	21.42	21.20		
10	256QAM	1	0	19.17	19.34	19.17		
10	256QAM	1	25	19.01	19.18	19.14	20.7	2.5
10	256QAM	1	49	19.02	19.08	19.03		
10	256QAM	25	0	19.20	19.25	19.32		
10	256QAM	25	12	19.07	19.32	19.29	20.7	2.5
10	256QAM	25	25	19.04	19.17	19.09		
10	256QAM	50	0	19.20	19.20	19.06		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.70	21.93	21.81	23.2	0
5	QPSK	1	12	21.69	21.81	21.69		
5	QPSK	1	24	21.74	21.75	21.65		
5	QPSK	12	0	21.69	21.89	21.75		
5	QPSK	12	7	21.55	21.74	21.70	23.2	0
5	QPSK	12	13	21.54	21.57	21.62		
5	QPSK	25	0	21.73	21.86	21.75		
5	16QAM	1	0	21.69	21.85	21.73		
5	16QAM	1	12	21.57	21.72	21.61	23.2	0
5	16QAM	1	24	21.63	21.66	21.68		
5	16QAM	12	0	21.64	21.79	21.70		
5	16QAM	12	7	21.50	21.63	21.58	23.2	0
5	16QAM	12	13	21.41	21.48	21.45		
5	16QAM	25	0	21.64	21.75	21.68		
5	64QAM	1	0	21.57	21.74	21.63		
5	64QAM	1	12	21.45	21.64	21.53	23.2	0
5	64QAM	1	24	21.53	21.59	21.55		
5	64QAM	12	0	21.17	21.37	21.27		
5	64QAM	12	7	21.00	21.15	21.11	22.7	0.5
5	64QAM	12	13	21.09	21.14	21.04		
5	64QAM	25	0	21.13	21.41	21.24		
5	256QAM	1	0	19.08	19.38	19.24		
5	256QAM	1	12	19.02	19.26	19.05	20.7	2.5
5	256QAM	1	24	19.06	19.17	19.06		
5	256QAM	12	0	19.22	19.27	19.30		
5	256QAM	12	7	19.13	19.31	19.24	20.7	2.5
5	256QAM	12	13	19.04	19.23	19.09		
5	256QAM	25	0	19.13	19.15	19.07		
Channel				19925	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.72	21.91	21.80	23.2	0
3	QPSK	1	8	21.66	21.84	21.75		
3	QPSK	1	14	21.64	21.77	21.74		
3	QPSK	8	0	21.71	21.81	21.77		
3	QPSK	8	4	21.54	21.76	21.63	23.2	0
3	QPSK	8	7	21.56	21.58	21.56		
3	QPSK	15	0	21.71	21.78	21.70		
3	16QAM	1	0	21.66	21.78	21.81		
3	16QAM	1	8	21.50	21.71	21.62	23.2	0
3	16QAM	1	14	21.58	21.64	21.60		
3	16QAM	8	0	21.58	21.72	21.71		
3	16QAM	8	4	21.56	21.71	21.55	23.2	0
3	16QAM	8	7	21.46	21.48	21.48		
3	16QAM	15	0	21.66	21.73	21.63		
3	64QAM	1	0	21.50	21.72	21.61		
3	64QAM	1	8	21.49	21.69	21.49	23.2	0
3	64QAM	1	14	21.57	21.62	21.54		
3	64QAM	8	0	21.21	21.46	21.24		
3	64QAM	8	4	21.03	21.17	21.10	22.7	0.5
3	64QAM	8	7	21.11	21.21	21.05		
3	64QAM	15	0	21.16	21.35	21.24		
3	256QAM	1	0	19.09	19.27	19.17		
3	256QAM	1	8	19.05	19.15	19.10	20.7	2.5
3	256QAM	1	14	19.10	19.18	19.11		
3	256QAM	8	0	19.17	19.24	19.24		
3	256QAM	8	4	19.16	19.21	19.23	20.7	2.5
3	256QAM	8	7	18.99	19.19	19.19		
3	256QAM	15	0	19.23	19.22	19.10		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.69	21.92	21.82	23.2	0
1.4	QPSK	1	3	21.67	21.76	21.74		
1.4	QPSK	1	5	21.69	21.80	21.73		
1.4	QPSK	3	0	21.68	21.84	21.78		
1.4	QPSK	3	1	21.52	21.68	21.60		
1.4	QPSK	3	3	21.64	21.57	21.63		
1.4	QPSK	6	0	21.64	21.77	21.78	23.2	0
1.4	16QAM	1	0	21.60	21.77	21.76	23.2	0
1.4	16QAM	1	3	21.56	21.69	21.56		
1.4	16QAM	1	5	21.65	21.74	21.63		
1.4	16QAM	3	0	21.62	21.71	21.68		
1.4	16QAM	3	1	21.47	21.69	21.48		
1.4	16QAM	3	3	21.41	21.56	21.53		
1.4	16QAM	6	0	21.60	21.79	21.62	23.2	0
1.4	64QAM	1	0	21.52	21.77	21.64	23.2	0
1.4	64QAM	1	3	21.41	21.68	21.57		
1.4	64QAM	1	5	21.52	21.63	21.56		
1.4	64QAM	3	0	21.44	21.72	21.57		
1.4	64QAM	3	1	21.34	21.58	21.46		
1.4	64QAM	3	3	21.49	21.55	21.45		
1.4	64QAM	6	0	21.10	21.32	21.25	22.7	0.5
1.4	256QAM	1	0	19.07	19.32	19.15	20.7	2.5
1.4	256QAM	1	3	18.98	19.17	19.07		
1.4	256QAM	1	5	19.02	19.13	19.14		
1.4	256QAM	3	0	19.26	19.27	19.27		
1.4	256QAM	3	1	19.10	19.22	19.26		
1.4	256QAM	3	3	19.09	19.26	19.13		
1.4	256QAM	6	0	19.16	19.23	19.07	20.7	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.09	19.13	19.08	20.5	0
20	QPSK	1	49	19.06	19.03	18.90		
20	QPSK	1	99	19.04	19.06	18.94		
20	QPSK	50	0	19.07	19.07	18.98		
20	QPSK	50	24	18.97	18.95	18.84		
20	QPSK	50	50	18.92	19.01	18.81		
20	QPSK	100	0	18.99	19.06	19.02		
20	16QAM	1	0	18.98	19.05	18.96		
20	16QAM	1	49	18.93	18.89	18.87	20.5	0
20	16QAM	1	99	18.91	18.98	18.88		
20	16QAM	50	0	18.99	19.10	18.95		
20	16QAM	50	24	18.94	18.95	18.80		
20	16QAM	50	50	18.99	19.04	18.86		
20	16QAM	100	0	18.99	19.02	18.89		
20	64QAM	1	0	18.91	18.86	18.82		
20	64QAM	1	49	18.90	18.90	18.71	20.5	0
20	64QAM	1	99	18.88	18.94	18.95		
20	64QAM	50	0	18.96	19.04	18.99		
20	64QAM	50	24	19.04	18.96	18.86	20.5	0
20	64QAM	50	50	18.91	18.99	18.85		
20	64QAM	100	0	19.00	18.98	18.89		
20	256QAM	1	0	18.96	19.08	18.96		
20	256QAM	1	49	19.00	18.99	18.86	20.5	0
20	256QAM	1	99	18.91	18.95	18.86		
20	256QAM	50	0	19.04	18.96	18.89		
20	256QAM	50	24	18.89	18.88	18.80	20.5	0
20	256QAM	50	50	18.83	18.94	18.74		
20	256QAM	100	0	18.93	18.92	18.92		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.02	19.03	18.95	20.5	0
15	QPSK	1	37	18.93	18.89	18.76		
15	QPSK	1	74	18.96	18.97	18.86		
15	QPSK	36	0	18.93	18.93	18.96		
15	QPSK	36	20	18.89	18.81	18.77	20.5	0
15	QPSK	36	39	18.80	18.96	18.70		
15	QPSK	75	0	18.94	19.00	18.94		
15	16QAM	1	0	18.85	19.02	18.85		
15	16QAM	1	37	18.89	18.85	18.84	20.5	0
15	16QAM	1	74	18.78	18.94	18.84		
15	16QAM	36	0	18.86	19.04	18.84		
15	16QAM	36	20	18.88	18.92	18.66	20.5	0
15	16QAM	36	39	18.93	19.01	18.83		
15	16QAM	75	0	18.94	18.99	18.85		
15	64QAM	1	0	18.84	18.82	18.74		
15	64QAM	1	37	18.87	18.80	18.57	20.5	0
15	64QAM	1	74	18.81	18.83	18.90		
15	64QAM	36	0	18.86	18.95	18.97		
15	64QAM	36	20	19.00	18.85	18.83	20.5	0
15	64QAM	36	39	18.89	18.95	18.77		
15	64QAM	75	0	18.88	18.96	18.76		
15	256QAM	1	0	18.89	18.94	18.87		
15	256QAM	1	37	18.89	18.85	18.74	20.5	0
15	256QAM	1	74	18.82	18.87	18.77		
15	256QAM	36	0	19.00	18.93	18.85		
15	256QAM	36	20	18.79	18.78	18.71	20.5	0
15	256QAM	36	39	18.71	18.87	18.63		
15	256QAM	75	0	18.79	18.90	18.84		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.00	19.05	18.98	20.5	0
10	QPSK	1	25	18.98	18.99	18.86		
10	QPSK	1	49	18.95	18.94	18.81		
10	QPSK	25	0	19.03	19.04	18.93		
10	QPSK	25	12	18.85	18.91	18.77	20.5	0
10	QPSK	25	25	18.82	18.96	18.69		
10	QPSK	50	0	18.85	18.95	18.92		
10	16QAM	1	0	18.94	18.99	18.86		
10	16QAM	1	25	18.81	18.79	18.84	20.5	0
10	16QAM	1	49	18.88	18.95	18.79		
10	16QAM	25	0	18.92	19.07	18.86		
10	16QAM	25	12	18.85	18.90	18.68	20.5	0
10	16QAM	25	25	18.92	18.91	18.73		
10	16QAM	50	0	18.88	18.94	18.81		
10	64QAM	1	0	18.77	18.72	18.73		
10	64QAM	1	25	18.82	18.82	18.68	20.5	0
10	64QAM	1	49	18.82	18.91	18.83		
10	64QAM	25	0	18.93	18.96	18.91		
10	64QAM	25	12	18.93	18.94	18.84	20.5	0
10	64QAM	25	25	18.86	18.96	18.81		
10	64QAM	50	0	18.91	18.85	18.79		
10	256QAM	1	0	18.84	19.04	18.83		
10	256QAM	1	25	18.95	18.95	18.76	20.5	0
10	256QAM	1	49	18.85	18.86	18.82		
10	256QAM	25	0	19.01	18.86	18.81		
10	256QAM	25	12	18.81	18.96	18.71	20.5	0
10	256QAM	25	25	18.70	18.91	18.68		
10	256QAM	50	0	18.84	18.87	18.88		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.99	19.04	19.01	20.5	0
5	QPSK	1	12	18.99	18.96	18.85		
5	QPSK	1	24	18.98	18.93	18.89		
5	QPSK	12	0	19.04	18.98	18.87	20.5	0
5	QPSK	12	7	18.92	18.84	18.71		
5	QPSK	12	13	18.88	18.95	18.74		
5	QPSK	25	0	18.87	18.93	19.00		
5	16QAM	1	0	18.93	18.97	18.89		
5	16QAM	1	12	18.84	18.80	18.85	20.5	0
5	16QAM	1	24	18.86	18.88	18.85		
5	16QAM	12	0	18.96	19.03	18.89		
5	16QAM	12	7	18.90	18.91	18.71	20.5	0
5	16QAM	12	13	18.82	18.84	18.73		
5	16QAM	25	0	18.95	18.93	18.84		
5	64QAM	1	0	18.80	18.77	18.72		
5	64QAM	1	12	18.80	18.83	18.59	20.5	0
5	64QAM	1	24	18.84	18.88	18.92		
5	64QAM	12	0	18.84	18.94	18.87		
5	64QAM	12	7	18.92	18.83	18.78	20.5	0
5	64QAM	12	13	18.79	18.94	18.82		
5	64QAM	25	0	18.88	18.93	18.81		
5	256QAM	1	0	18.93	19.05	18.91		
5	256QAM	1	12	18.95	18.86	18.81	20.5	0
5	256QAM	1	24	18.87	18.81	18.80		
5	256QAM	12	0	18.99	18.85	18.82		
5	256QAM	12	7	18.78	18.86	18.73	20.5	0
5	256QAM	12	13	18.75	18.89	18.64		
5	256QAM	25	0	18.88	18.90	18.82		

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BW [MHz]	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	21.97	22.05	22.02	23.2	0
20	QPSK	1	49	21.89	21.93	21.96		
20	QPSK	1	99	21.85	21.89	21.90		
20	QPSK	50	0	21.86	21.96	21.92		
20	QPSK	50	24	21.76	21.81	21.85		
20	QPSK	50	50	21.78	21.84	21.80		
20	QPSK	100	0	21.87	21.92	21.91		
20	16QAM	1	0	21.86	21.95	21.94		
20	16QAM	1	49	21.80	21.90	21.94	23.2	0
20	16QAM	1	99	21.71	21.76	21.86		
20	16QAM	50	0	21.77	21.93	21.83		
20	16QAM	50	24	21.66	21.74	21.73	23.2	0
20	16QAM	50	50	21.73	21.81	21.75		
20	16QAM	100	0	21.79	21.82	21.84		
20	64QAM	1	0	21.83	21.91	21.83		
20	64QAM	1	49	21.73	21.85	21.91	23.2	0
20	64QAM	1	99	21.57	21.71	21.79		
20	64QAM	50	0	21.42	21.40	21.39		
20	64QAM	50	24	21.29	21.31	21.40	22.7	0.5
20	64QAM	50	50	21.32	21.35	21.26		
20	64QAM	100	0	21.35	21.43	21.46		
20	256QAM	1	0	19.34	19.42	19.40		
20	256QAM	1	49	19.26	19.28	19.40	20.7	2.5
20	256QAM	1	99	19.30	19.28	19.29		
20	256QAM	50	0	19.36	19.40	19.37		
20	256QAM	50	24	19.40	19.46	19.49	20.7	2.5
20	256QAM	50	50	19.25	19.46	19.44		
20	256QAM	100	0	19.18	19.29	19.32		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.91	21.95	21.88	23.2	0
15	QPSK	1	37	21.82	21.85	21.90		
15	QPSK	1	74	21.78	21.77	21.82		
15	QPSK	36	0	21.72	21.88	21.84		
15	QPSK	36	20	21.64	21.67	21.74	23.2	0
15	QPSK	36	39	21.67	21.77	21.77		
15	QPSK	75	0	21.74	21.79	21.86		
15	16QAM	1	0	21.78	21.87	21.83		
15	16QAM	1	37	21.74	21.85	21.86	23.2	0
15	16QAM	1	74	21.69	21.74	21.76		
15	16QAM	36	0	21.65	21.81	21.73		
15	16QAM	36	20	21.63	21.64	21.61	23.2	0
15	16QAM	36	39	21.62	21.77	21.72		
15	16QAM	75	0	21.74	21.79	21.73		
15	64QAM	1	0	21.77	21.82	21.71		
15	64QAM	1	37	21.64	21.80	21.83	23.2	0
15	64QAM	1	74	21.46	21.66	21.66		
15	64QAM	36	0	21.31	21.33	21.27		
15	64QAM	36	20	21.27	21.23	21.36	22.7	0.5
15	64QAM	36	39	21.28	21.22	21.22		
15	64QAM	75	0	21.24	21.34	21.43		
15	256QAM	1	0	19.22	19.33	19.32		
15	256QAM	1	37	19.16	19.24	19.38	20.7	2.5
15	256QAM	1	74	19.19	19.17	19.25		
15	256QAM	36	0	19.25	19.27	19.23		
15	256QAM	36	20	19.27	19.33	19.38	20.7	2.5
15	256QAM	36	39	19.21	19.33	19.34		
15	256QAM	75	0	19.10	19.25	19.30		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.84	21.98	21.94	23.2	0
10	QPSK	1	25	21.80	21.91	21.92		
10	QPSK	1	49	21.74	21.81	21.83		
10	QPSK	25	0	21.76	21.91	21.89		
10	QPSK	25	12	21.66	21.68	21.78	23.2	0
10	QPSK	25	25	21.70	21.81	21.75		
10	QPSK	50	0	21.80	21.84	21.84		
10	16QAM	1	0	21.78	21.91	21.81		
10	16QAM	1	25	21.77	21.84	21.82	23.2	0
10	16QAM	1	49	21.

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BW [MHz]	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	16.23	16.25	16.11	17.5	0
20	QPSK	1	49	16.14	16.10	16.13		
20	QPSK	1	99	16.05	16.08	16.06		
20	QPSK	50	0	16.17	16.22	16.06	17.5	0
20	QPSK	50	24	16.10	16.03	16.08		
20	QPSK	50	50	15.94	16.05	16.01		
20	QPSK	100	0	16.14	16.16	16.03		
20	16QAM	1	0	16.13	16.15	16.01	17.5	0
20	16QAM	1	49	16.11	16.00	16.11		
20	16QAM	1	99	15.93	15.95	15.93		
20	16QAM	50	0	16.12	16.15	15.99	17.5	0
20	16QAM	50	24	16.03	16.00	15.99		
20	16QAM	50	50	15.82	15.96	15.94		
20	16QAM	100	0	16.04	16.13	15.92		
20	64QAM	1	0	16.20	16.11	16.01	17.5	0
20	64QAM	1	49	16.12	15.98	16.00		
20	64QAM	1	99	15.97	16.04	15.97		
20	64QAM	50	0	16.14	16.09	15.98	17.5	0
20	64QAM	50	24	16.01	15.96	15.98		
20	64QAM	50	50	15.89	15.93	15.96		
20	64QAM	100	0	16.01	16.04	15.89		
20	256QAM	1	0	16.17	16.13	16.04	17.5	0
20	256QAM	1	49	16.04	16.03	16.00		
20	256QAM	1	99	16.03	15.99	15.94		
20	256QAM	50	0	16.08	16.17	15.94	17.5	0
20	256QAM	50	24	15.96	15.89	16.01		
20	256QAM	50	50	15.89	16.02	15.90		
20	256QAM	100	0	16.06	16.11	15.96		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.14	16.22	16.08	17.5	0
15	QPSK	1	37	16.02	16.03	16.04		
15	QPSK	1	74	15.92	15.97	16.03		
15	QPSK	36	0	16.09	16.15	16.04	17.5	0
15	QPSK	36	20	15.98	15.96	16.01		
15	QPSK	36	39	15.84	15.96	15.95		
15	QPSK	75	0	16.01	16.07	15.89		
15	16QAM	1	0	16.06	16.10	15.98	17.5	0
15	16QAM	1	37	16.01	15.90	15.97		
15	16QAM	1	74	15.86	15.89	15.81		
15	16QAM	36	0	16.05	16.05	15.88	17.5	0
15	16QAM	36	20	15.98	15.97	15.85		
15	16QAM	36	39	15.79	15.90	15.89		
15	16QAM	75	0	15.92	16.08	15.82		
15	64QAM	1	0	16.15	15.98	15.92	17.5	0
15	64QAM	1	37	16.00	15.87	15.95		
15	64QAM	1	74	15.89	15.92	15.94		
15	64QAM	36	0	16.09	16.07	15.92	17.5	0
15	64QAM	36	20	15.92	15.94	15.90		
15	64QAM	36	39	15.83	15.88	15.90		
15	64QAM	75	0	15.91	15.92	15.79		
15	256QAM	1	0	16.14	16.09	15.97	17.5	0
15	256QAM	1	37	15.92	15.92	15.93		
15	256QAM	1	74	16.01	15.93	15.89		
15	256QAM	36	0	16.01	16.14	15.81	17.5	0
15	256QAM	36	20	15.90	15.84	15.98		
15	256QAM	36	39	15.78	15.99	15.84		
15	256QAM	75	0	15.93	15.99	15.88		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.09	16.13	16.06	17.5	0
10	QPSK	1	25	16.05	16.01	16.11		
10	QPSK	1	49	16.00	15.99	16.01		
10	QPSK	25	0	16.06	16.19	15.97	17.5	0
10	QPSK	25	12	16.04	15.99	15.99		
10	QPSK	25	25	15.85	15.97	15.98		
10	QPSK	50	0	16.03	16.09	15.94		
10	16QAM	1	0	16.11	16.01	15.96	17.5	0
10	16QAM	1	25	16.03	15.86	16.05		
10	16QAM	1	49	15.91	15.86	15.83		
10	16QAM	25	0	16.07	16.08	15.88	17.5	0
10	16QAM	25	12	15.95	15.90	15.86		
10	16QAM	25	25	15.79	15.88	15.85		
10	16QAM	50	0	15.92	16.11	15.89		
10	64QAM	1	0	16.06	16.03	15.91	17.5	0
10	64QAM	1	25	16.00	15.85	15.98		
10	64QAM	1	49	15.89	15.92	15.86		
10	64QAM	25	0	16.02	16.05	15.90	17.5	0
10	64QAM	25	12	15.90	15.92	15.90		
10	64QAM	25	25	15.81	15.87	15.84		
10	64QAM	50	0	15.88	15.97	15.80		
10	256QAM	1	0	16.10	16.01	15.99	17.5	0
10	256QAM	1	25	15.98	15.99	15.90		
10	256QAM	1	49	15.94	15.87	15.89		
10	256QAM	25	0	16.02	16.11	15.81	17.5	0
10	256QAM	25	12	15.90	15.80	15.97		
10	256QAM	25	25	15.77	15.92	15.80		
10	256QAM	50	0	16.00	16.05	15.88		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.09	16.16	16.04	17.5	0
5	QPSK	1	12	16.01	16.01	16.05		
5	QPSK	1	24	15.93	15.99	15.94		
5	QPSK	12	0	16.14	16.17	15.95	17.5	0
5	QPSK	12	7	15.96	15.97	15.96		
5	QPSK	12	13	15.82	15.99	15.97		
5	QPSK	25	0	16.10	16.05	15.97		
5	16QAM	1	0	16.04	16.01	15.95	17.5	0
5	16QAM	1	12	16.06	15.90	16.06		
5	16QAM	1	24	15.90	15.92	15.81		
5	16QAM	12	0	16.07	16.02	15.86	17.5	0
5	16QAM	12	7	15.99	15.95	15.88		
5	16QAM	12	13	15.76	15.94	15.83		
5	16QAM	25	0	15.93	16.00	15.89		
5	64QAM	1	0	16.15	16.03	15.89	17.5	0
5	64QAM	1	12	16.08	15.86	15.92		
5	64QAM	1	24	15.85	15.98	15.85		
5	64QAM	12	0	16.00	16.01	15.85	17.5	0
5	64QAM	12	7	15.98	15.90	15.93		
5	64QAM	12	13	15.86	15.90	15.82		
5	64QAM	25	0	15.95	15.97	15.84		
5	256QAM	1	0	16.04	16.10	16.01	17.5	0
5	256QAM	1	12	15.96	15.95	15.91		
5	256QAM	1	24	15.99	15.94	15.84		
5	256QAM	12	0	15.99	16.12	15.85	17.5	0
5	256QAM	12	7	15.87	15.85	15.93		
5	256QAM	12	13	15.86	15.98	15.83		
5	256QAM	25	0	15.95	16.00	15.83		

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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	16.10	16.15	16.17	16.07	15.97	17.5	0
20	QPSK	1	49	16.05	16.10	16.16	16.00	15.83		
20	QPSK	1	99	15.98	15.95	16.08	16.02	15.96		
20	QPSK	50	0	16.07	16.06	16.14	16.00	15.92	17.5	0
20	QPSK	50	24	16.01	16.02	16.04	15.87	15.80		
20	QPSK	50	50	15.87	15.87	15.97	15.92	15.87		
20	QPSK	100	0	16.03	16.07	16.13	16.04	15.88		
20	16QAM	1	0	16.06	16.11	16.07	16.02	15.94	17.5	0
20	16QAM	1	49	15.94	16.01	16.07	15.88	15.73		
20	16QAM	1	99	15.94	15.90	15.96	15.94	15.86		
20	16QAM	50	0	15.96	15.99	16.01	15.91	15.86	17.5	0
20	16QAM	50	24	15.93	15.88	15.95	15.80	15.71		
20	16QAM	50	50	15.76	15.79	15.94	15.88	15.81		
20	16QAM	100	0	15.91	16.04	16.02	15.99	15.82		
20	64QAM	1	0	16.05	16.04	16.08	16.02	15.94	17.5	0
20	64QAM	1	49	16.00	16.02	16.11	15.91	15.74		
20	64QAM	1	99	15.93	15.83	16.04	15.92	15.88		
20	64QAM	50	0	16.05	15.94	16.03	15.98	15.81	17.5	0
20	64QAM	50	24	15.99	15.97	16.01	15.74	15.73		
20	64QAM	50	50	15.82	15.78	15.89	15.90	15.78		
20	64QAM	100	0	15.92	16.00	16.00	15.97	15.78		
20	256QAM	1	0	15.98	16.06	16.10	16.01	15.86	17.5	0
20	256QAM	1	49	15.99	16.01	16.02	15.93	15.78		
20	256QAM	1	99	15.90	15.87	16.00	15.88	15.93		
20	256QAM	50	0	15.95	16.04	16.04	15.95	15.82	17.5	0
20	256QAM	50	24	15.87	15.96	15.93	15.74	15.77		
20	256QAM	50	50	15.76	15.79	15.89	15.83	15.73		
20	256QAM	100	0	15.92	15.95	16.00	15.92	15.76		
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	16.07	16.04	16.08	15.99	15.86	17.50	0
15	QPSK	1	37	15.96	15.97	16.02	15.89	15.69		
15	QPSK	1	74	15.95	15.89	15.96	15.92	15.94		
15	QPSK	36	0	16.02	16.01	16.07	15.88	15.83	17.5	0
15	QPSK	36	20	15.98	15.97	15.92	15.73	15.74		
15	QPSK	36	39	15.75	15.81	15.87	15.82	15.82		
15	QPSK	75	0	15.89	16.03	16.04	15.95	15.77		
15	16QAM	1	0	15.94	15.99	16.01	15.99	15.89	17.5	0
15	16QAM	1	37	15.89	15.95	15.99	15.83	15.63		
15	16QAM	1	74	15.88	15.83	15.83	15.81	15.79		
15	16QAM	36	0	15.93	15.88	15.89	15.86	15.77	17.5	0
15	16QAM	36	20	15.83	15.79	15.92	15.77	15.66		
15	16QAM	36	39	15.72	15.75	15.89	15.84	15.74		
15	16QAM	75	0	15.87	15.94	15.96	15.87	15.79		
15	64QAM	1	0	16.00	15.97	16.05	15.96	15.80	17.5	0
15	64QAM	1	37	15.93	15.93	16.03	15.81	15.60		
15	64QAM	1	74	15.84	15.78	15.93	15.80	15.74		
15	64QAM	36	0	15.99	15.91	15.90	15.91	15.70	17.5	0
15	64QAM	36	20	15.85	15.84	15.96	15.71	15.70		
15	64QAM	36	39	15.73	15.69	15.86	15.87	15.69		
15	64QAM	75	0	15.87	15.88	15.93	15.90	15.68		
15	256QAM	1	0	15.92	15.94	16.06	15.87	15.84	17.5	0
15	256QAM	1	37	15.90	15.88	15.94	15.80	15.71		
15	256QAM	1	74	15.80	15.77	15.94	15.82	15.79		
15	256QAM	36	0	15.86	15.97	15.94	15.85	15.71	17.5	0
15	256QAM	36	20	15.81	15.82	15.85	15.67	15.71		
15	256QAM	36	39	15.73	15.76	15.85	15.69	15.71		
15	256QAM	75	0	15.88	15.91	15.91	15.79	15.68		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.08	16.03	16.12	15.97	15.91	17.50	0
10	QPSK	1	25	15.92	16.05	16.03	15.91	15.79		
10	QPSK	1	49	15.87	15.86	15.97	15.91	15.88		
10	QPSK	25	0	16.00	15.98	16.04	15.87	15.80	17.5	0
10	QPSK	25	12	15.95	15.94	15.94	15.84	15.76		
10	QPSK	25	25	15.74	15.81	15.92	15.79	15.85		
10	QPSK	50	0	16.00	16.03	16.03	15.97	15.77		
10	16QAM	1	0	16.04	16.05	16.02	15.95	15.86	17.5	0
10	16QAM	1	25	15.92	15.89	16.03	15.79	15.68		
10	16QAM	1	49	15.82	15.82	15.88	15.84	15.75		
10	16QAM	25	0	15.83	15.95	15.98	15.78	15.73	17.5	0
10	16QAM	25	12	15.87	15.77	15.88	15.78	15.64		
10	16QAM	25	25	15.62	15.69	15.91	15.82	15.70		
10	16QAM	50	0	15.79	15.96	15.93	15.89	15.72		
10	64QAM	1	0	15.93	15.91	16.01	15.95	15.90	17.5	0
10	64QAM	1	25	15.96	15.89	16.05	15.88	15.64		
10	64QAM	1	49	15.88	15.72	15.92	15.82	15.84		
10	64QAM	25	0	15.99	15.85	15.92	15.87	15.74	17.5	0
10	64QAM	25	12	15.91	15.87	15.89	15.66	15.65		
10	64QAM	25	25	15.74	15.70	15.83	15.83	15.68		
10	64QAM	50	0	15.79	15.87	15.87	15.93	15.74		
10	256QAM	1	0	15.88	15.95	15.98	15.94	15.81	17.5	0
10	256QAM	1	25	15.94	15.95	15.96	15.88	15.69		
10	256QAM	1	49	15.85	15.77	15.96	15.77	15.83		
10	256QAM	25	0	15.89	15.91	15.98	15.85	15.75	17.5	0
10	256QAM	25	12	15.76	15.90	15.91	15.61	15.71		
10	256QAM	25	25	15.74	15.73	15.75	15.72	15.66		
10	256QAM	50	0	15.78	15.90	15.90	15.82	15.72		
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	16.02	16.12	16.11	15.96	15.84	17.50	0
5	QPSK	1	12	16.02	16.03	16.08	15.95	15.71		
5	QPSK	1	24	15.88	15.87	15.97	15.90	15.85		
5	QPSK	12	0	16.01	15.92	16.03	15.95	15.84	17.5	0
5	QPSK	12	7	15.92	15.99	15.94	15.83	15.70		
5	QPSK	12	13	15.78	15.77	15.93	15.83	15.76		
5	QPSK	25	0	15.97	15.95	16.10	15.97	15.83		
5	16QAM	1	0	15.95	16.08	15.99	15.92	15.81	17.5	0
5	16QAM	1	12	15.84	15.94	15.93	15.85	15.59		
5	16QAM	1	24	15.83	15.76	15.93	15.88	15.73		
5	16QAM	12	0	15.88	15.92	15.89	15.85	15.78	17.5	0
5	16QAM	12	7	15.86	15.85	15.84	15.73	15.61		
5	16QAM	12	13	15.64	15.72	15.86	15.81	15.70		
5	16QAM	25	0	15.85	15.92	15.96	15.95	15.74		
5	64QAM	1	0	16.01	15.92	15.98	15.98	15.86	17.5	0
5	64QAM	1	12	15.88	15.94	16.05	15.86	15.70		
5	64QAM	1	24	15.83	15.81	15.92	15.83	15.81		
5	64QAM	12	0	15.95	15.86	16.00	15.96	15.73	17.5	0
5	64QAM	12	7	15.92	15.92	15.93	15.69	15.60		
5	64QAM	12	13	15.73	15.75	15.85	15.78	15.73		
5	64QAM	25	0	15.82	15.95	15.92	15.85	15.66		
5	256QAM	1	0	15.91	15.93	16.05	15.98	15.80	17.5	0
5	256QAM	1	12	15.94	15.98	15.91	15.83	15.75		
5	256QAM	1	24	15.85	15.79	15.88	15.77	15.89		
5	256QAM	12	0	15.83	15.92	16.02	15.82	15.69	17.5	0
5	256QAM	12	7	15.78	15.82	15.86	15.65	15.72		
5	256QAM	12	13	15.72	15.69	15.79	15.74	15.64		
5	256QAM	25	0	15.81	15.91	15.91	15.88	15.68		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.45	18.46	18.40		
20	QPSK	1	49	18.34	18.43	18.37	18.7	0
20	QPSK	1	99	18.39	18.40	18.34		
20	QPSK	50	0	18.32	18.40	18.32		
20	QPSK	50	24	18.21	18.40	18.29	18.7	0
20	QPSK	50	50	18.35	18.33	18.25		
20	QPSK	100	0	18.33	18.37	18.31		
20	16QAM	1	0	18.37	18.38	18.37		
20	16QAM	1	49	18.31	18.40	18.34	18.7	0
20	16QAM	1	99	18.36	18.29	18.28		
20	16QAM	50	0	18.25	18.34	18.23		
20	16QAM	50	24	18.08	18.29	18.23	18.7	0
20	16QAM	50	50	18.27	18.29	18.14		
20	16QAM	100	0	18.26	18.25	18.27		
20	64QAM	1	0	18.32	18.39	18.32		
20	64QAM	1	49	18.27	18.33	18.33	18.7	0
20	64QAM	1	99	18.36	18.27	18.25		
20	64QAM	50	0	18.27	18.32	18.19		
20	64QAM	50	24	18.11	18.33	18.18	18.7	0
20	64QAM	50	50	18.27	18.27	18.18		
20	64QAM	100	0	18.29	18.33	18.21		
20	256QAM	1	0	18.39	18.37	18.35		
20	256QAM	1	49	18.26	18.31	18.34	18.7	0
20	256QAM	1	99	18.33	18.32	18.29		
20	256QAM	50	0	18.21	18.27	18.24		
20	256QAM	50	24	18.15	18.34	18.20	18.7	0
20	256QAM	50	50	18.24	18.26	18.11		
20	256QAM	100	0	18.24	18.32	18.22		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.32	18.39	18.27		
15	QPSK	1	37	18.28	18.35	18.24	18.7	0
15	QPSK	1	74	18.36	18.30	18.21		
15	QPSK	36	0	18.25	18.32	18.21		
15	QPSK	36	20	18.07	18.34	18.27	18.7	0
15	QPSK	36	39	18.21	18.27	18.22		
15	QPSK	75	0	18.22	18.31	18.27		
15	16QAM	1	0	18.34	18.28	18.31		
15	16QAM	1	37	18.20	18.32	18.23	18.7	0
15	16QAM	1	74	18.31	18.17	18.22		
15	16QAM	36	0	18.19	18.27	18.15		
15	16QAM	36	20	17.94	18.24	18.13	18.7	0
15	16QAM	36	39	18.25	18.18	18.01		
15	16QAM	75	0	18.22	18.12	18.24		
15	64QAM	1	0	18.24	18.36	18.28		
15	64QAM	1	37	18.25	18.21	18.21	18.7	0
15	64QAM	1	74	18.30	18.22	18.14		
15	64QAM	36	0	18.23	18.24	18.06		
15	64QAM	36	20	18.03	18.22	18.14	18.7	0
15	64QAM	36	39	18.19	18.19	18.09		
15	64QAM	75	0	18.25	18.24	18.11		
15	256QAM	1	0	18.32	18.30	18.23		
15	256QAM	1	37	18.20	18.28	18.22	18.7	0
15	256QAM	1	74	18.30	18.21	18.16		
15	256QAM	36	0	18.10	18.15	18.11		
15	256QAM	36	20	18.07	18.25	18.17	18.7	0
15	256QAM	36	39	18.18	18.21	18.06		
15	256QAM	75	0	18.15	18.22	18.18		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.33	18.41	18.28		
10	QPSK	1	25	18.25	18.32	18.28	18.7	0
10	QPSK	1	49	18.33	18.28	18.27		
10	QPSK	25	0	18.27	18.38	18.21		
10	QPSK	25	12	18.09	18.33	18.25	18.7	0
10	QPSK	25	25	18.31	18.26	18.19		
10	QPSK	50	0	18.23	18.35	18.24		
10	16QAM	1	0	18.34	18.27	18.24		
10	16QAM	1	25	18.22	18.34	18.31	18.7	0
10	16QAM	1	49	18.30	18.26	18.22		
10	16QAM	25	0	18.21	18.28	18.09		
10	16QAM	25	12	18.02	18.15	18.10	18.7	0
10	16QAM	25	25	18.19	18.18	18.05		
10	16QAM	50	0	18.18	18.22	18.19		
10	64QAM	1	0	18.27	18.30	18.18		
10	64QAM	1	25	18.13	18.24	18.22	18.7	0
10	64QAM	1	49	18.23	18.20	18.18		
10	64QAM	25	0	18.16	18.24	18.06		
10	64QAM	25	12	18.01	18.31	18.15	18.7	0
10	64QAM	25	25	18.23	18.18	18.13		
10	64QAM	50	0	18.25	18.20	18.12		
10	256QAM	1	0	18.32	18.29	18.23		
10	256QAM	1	25	18.14	18.18	18.26	18.7	0
10	256QAM	1	49	18.21	18.29	18.17		
10	256QAM	25	0	18.14	18.13	18.21		
10	256QAM	25	12	18.09	18.27	18.10	18.7	0
10	256QAM	25	25	18.12	18.13	18.06		
10	256QAM	50	0	18.16	18.20	18.16		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.36	18.40	18.28		
5	QPSK	1	12	18.30	18.41	18.29	18.7	0
5	QPSK	1	24	18.31	18.31	18.29		
5	QPSK	12	0	18.30	18.31	18.28		
5	QPSK	12	7	18.16	18.36	18.20	18.7	0
5	QPSK	12	13	18.22	18.28	18.14		
5	QPSK	25	0	18.26	18.32	18.19		
5	16QAM	1	0	18.34	18.30	18.31		
5	16QAM	1	12	18.25	18.29	18.24	18.7	0
5	16QAM	1	24	18.33	18.20	18.15		
5	16QAM	12	0	18.18	18.31	18.16		
5	16QAM	12	7	18.02	18.24	18.19	18.7	0
5	16QAM	12	13	18.15	18.26	18.11		
5	16QAM	25	0	18.24	18.21	18.15		
5	64QAM	1	0	18.27	18.25	18.20		
5	64QAM	1	12	18.19	18.25	18.27	18.7	0
5	64QAM	1	24	18.28	18.16	18.13		
5	64QAM	12	0	18.22	18.22	18.10		
5	64QAM	12	7	18.09	18.21	18.08	18.7	0
5	64QAM	12	13	18.23	18.22	18.06		
5	64QAM	25	0	18.17	18.22	18.15		
5	256QAM	1	0	18.31	18.34	18.30		
5	256QAM	1	12	18.21	18.25	18.27	18.7	0
5	256QAM	1	24	18.28	18.19	18.21		
5	256QAM	12	0	18.17	18.14	18.12		
5	256QAM	12	7	18.09	18.23	18.06	18.7	0
5	256QAM	12	13	18.12	18.21	18.04		
5	256QAM	25	0	18.13	18.24	18.10		

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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	18.39	18.30	18.50	18.20	18.32		
20	QPSK	1	49	18.23	18.14	18.42	18.21	18.23	18.7	0
20	QPSK	1	99	18.35	18.29	18.36	18.19	18.17		
20	QPSK	50	0	18.31	18.25	18.45	18.17	18.18		
20	QPSK	50	24	18.09	18.05	18.39	18.15	18.14	18.7	0
20	QPSK	50	50	18.22	18.20	18.24	18.17	18.12		
20	QPSK	100	0	18.31	18.22	18.43	18.07	18.18		
20	16QAM	1	0	18.30	18.21	18.40	18.15	18.20		
20	16QAM	1	49	18.18	18.00	18.32	18.19	18.18	18.7	0
20	16QAM	1	99	18.28	18.16	18.33	18.10	18.06		
20	16QAM	50	0	18.28	18.12	18.34	18.04	18.15		
20	16QAM	50	24	18.01	18.00	18.28	18.08	18.11	18.7	0
20	16QAM	50	50	18.19	18.09	18.14	18.12	17.99		
20	16QAM	100	0	18.25	18.09	18.38	18.03	18.11		
20	64QAM	1	0	18.35	18.21	18.41	18.13	18.20		
20	64QAM	1	49	18.10	18.09	18.37	18.11	18.19	18.7	0
20	64QAM	1	99	18.27	18.18	18.29	18.14	18.04		
20	64QAM	50	0	18.23	18.13	18.35	18.10	18.07		
20	64QAM	50	24	18.02	17.99	18.33	18.02	18.00	18.7	0
20	64QAM	50	50	18.10	18.07	18.22	18.03	18.05		
20	64QAM	100	0	18.24	18.08	18.35	17.96	18.12		
20	256QAM	1	0	18.35	18.25	18.38	18.15	18.29		
20	256QAM	1	49	18.20	18.04	18.37	18.07	18.19	18.7	0
20	256QAM	1	99	18.33	18.18	18.34	18.06	18.14		
20	256QAM	50	0	18.24	18.20	18.40	18.05	18.11		
20	256QAM	50	24	17.98	17.93	18.35	18.06	18.08	18.7	0
20	256QAM	50	50	18.11	18.06	18.22	18.12	18.03		
20	256QAM	100	0	18.23	18.10	18.39	18.00	18.08		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.35	18.26	18.37	18.06	18.22		
15	QPSK	1	37	18.13	18.01	18.30	18.17	18.17	18.70	0
15	QPSK	1	74	18.28	18.20	18.28	18.07	18.08		
15	QPSK	36	0	18.20	18.11	18.33	18.13	18.12		
15	QPSK	36	20	17.99	17.96	18.35	18.06	18.01	18.7	0
15	QPSK	36	39	18.14	18.09	18.19	18.03	18.05		
15	QPSK	75	0	18.27	18.11	18.40	17.94	18.16		
15	16QAM	1	0	18.20	18.13	18.32	18.10	18.07		
15	16QAM	1	37	18.07	17.97	18.29	18.15	18.12	18.7	0
15	16QAM	1	74	18.19	18.13	18.20	18.00	17.96		
15	16QAM	36	0	18.17	18.07	18.28	18.00	18.11		
15	16QAM	36	20	17.89	17.93	18.17	18.03	18.08	18.7	0
15	16QAM	36	39	18.16	18.00	18.05	17.98	17.95		
15	16QAM	75	0	18.11	17.97	18.27	17.91	18.06		
15	64QAM	1	0	18.32	18.11	18.32	18.04	18.07		
15	64QAM	1	37	17.97	17.98	18.34	18.07	18.16	18.7	0
15	64QAM	1	74	18.24	18.11	18.16	18.04	17.92		
15	64QAM	36	0	18.10	18.07	18.30	18.00	17.95		
15	64QAM	36	20	17.96	17.90	18.19	18.00	17.97	18.7	0
15	64QAM	36	39	18.01	17.94	18.18	17.92	18.03		
15	64QAM	75	0	18.11	17.99	18.24	17.91	18.06		
15	256QAM	1	0	18.26	18.16	18.25	18.03	18.24		
15	256QAM	1	37	18.15	17.97	18.31	17.97	18.12	18.7	0
15	256QAM	1	74	18.22	18.11	18.23	18.04	18.00		
15	256QAM	36	0	18.18	18.09	18.29	17.97	18.06		
15	256QAM	36	20	17.84	17.91	18.25	18.03	18.03	18.7	0
15	256QAM	36	39	18.01	17.94	18.10	18.09	17.97		
15	256QAM	75	0	18.13	17.99	18.36	17.93	18.05		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.33	18.18	18.46	18.12	18.23		
10	QPSK	1	25	18.19	18.01	18.30	18.09	18.19	18.70	0
10	QPSK	1	49	18.31	18.24	18.23	18.12	18.14		
10	QPSK	25	0	18.25	18.12	18.31	18.09	18.13		
10	QPSK	25	12	18.06	18.02	18.28	18.04	18.02	18.7	0
10	QPSK	25	25	18.16	18.12	18.13	18.14	18.08		
10	QPSK	50	0	18.27	18.19	18.34	18.00	18.11		
10	16QAM	1	0	18.21	18.14	18.36	18.08	18.06		
10	16QAM	1	25	18.11	17.93	18.26	18.09	18.08	18.7	0
10	16QAM	1	49	18.23	18.05	18.23	18.02	18.00		
10	16QAM	25	0	18.24	18.10	18.29	17.92	18.08		
10	16QAM	25	12	17.98	17.91	18.15	18.04	18.08	18.7	0
10	16QAM	25	25	18.07	17.98	18.06	18.04	17.93		
10	16QAM	50	0	18.19	18.03	18.33	17.94	18.02		
10	64QAM	1	0	18.25	18.18	18.35	18.03	18.11		
10	64QAM	1	25	18.01	18.06	18.29	17.99	18.07	18.7	0
10	64QAM	1	49	18.23	18.05	18.16	18.10	17.91		
10	64QAM	25	0	18.11	18.07	18.25	17.97	18.02		
10	64QAM	25	12	17.91	17.89	18.29	17.90	17.87	18.7	0
10	64QAM	25	25	17.99	18.04	18.09	17.99	17.92		
10	64QAM	50	0	18.12	18.01	18.22	17.87	18.03		
10	256QAM	1	0	18.26	18.23	18.24	18.05	18.22		
10	256QAM	1	25	18.15	17.93	18.27	17.94	18.11	18.7	0
10	256QAM	1	49	18.30	18.09	18.32	18.03	18.06		
10	256QAM	25	0	18.10	18.09	18.30	17.94	17.98		
10	256QAM	25	12	17.91	17.81	18.26	18.03	18.01	18.7	0
10	256QAM	25	25	18.08	17.96	18.10	18.09	17.94		
10	256QAM	50	0	18.19	18.03	18.34	17.92	18.05		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.26	18.20	18.42	18.17	18.24		
5	QPSK	1	12	18.19	18.04	18.31	18.12	18.10	18.70	0
5	QPSK	1	24	18.32	18.19	18.33	18.14	18.06		
5	QPSK	12	0	18.29	18.13	18.33	18.13	18.15		
5	QPSK	12	7	18.01	17.95	18.26	18.07	18.09	18.7	0
5	QPSK	12	13	18.09	18.07	18.15	18.07	18.07		
5	QPSK	25	0	18.28	18.10	18.40	17.98	18.12		
5	16QAM	1	0	18.27	18.17	18.33	18.03	18.06		
5	16QAM	1	12	18.06	17.89	18.22	18.12	18.06	18.7	0
5	16QAM	1	24	18.26	18.12	18.20	18.08	17.98		
5	16QAM	12	0	18.15	18.09	18.23	17.95	18.12		
5	16QAM	12	7	17.97	17.94	18.20	18.04	18.04	18.7	0
5	16QAM	12	13	18.09	18.03	18.07	18.04	17.95		
5	16QAM	25	0	18.19	18.02	18.32	17.91	17.98		
5	64QAM	1	0	18.26	18.09	18.37	18.06	18.14		
5	64QAM	1	12	18.04	18.06	18.35	18.02	18.10	18.7	0
5	64QAM	1	24	18.15	18.11	18.20	18.07	18.01		
5	64QAM	12	0	18.15	18.08	18.30	17.98	18.00		
5	64QAM	12	7	17.97	17.96	18.19	17.90	17.89	18.7	0
5	64QAM	12	13	17.97	17.97	18.10	17.94	17.98		
5	64QAM	25	0	18.17	17.96	18.25	17.90	18.02		
5	256QAM	1	0	18.26	18.18	18.36	18.12	18.18		
5	256QAM	1	12	18.16	18.01	18.25	18.00	18.08	18.7	0
5	256QAM	1	24	18.24	18.14	18.24	18.03	18.08		
5	256QAM	12	0	18.11	18.11	18.28	17.93	18.04		
5	256QAM	12	7	17.93	17.79	18.22	18.02	17.98	18.7	0
5	256QAM	12	13	17.99	18.04	18.19	18.03	17.97		
5	256QAM	25	0	18.16	18.00	18.31	17.89	18.02		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.11	18.16	18.13	19.5	0
20	QPSK	1	49	18.01	18.11	18.04		
20	QPSK	1	99	17.99	18.11	18.03		
20	QPSK	50	0	18.05	18.10	18.02	19.5	0
20	QPSK	50	24	17.94	18.04	17.91		
20	QPSK	50	50	17.85	18.04	17.91		
20	QPSK	100	0	18.07	18.08	18.05		
20	16QAM	1	0	18.05	18.07	18.03	19.5	0
20	16QAM	1	49	17.92	18.05	17.98		
20	16QAM	1	99	17.87	18.05	17.92		
20	16QAM	50	0	18.01	18.00	17.92	19.5	0
20	16QAM	50	24	17.88	17.96	17.82		
20	16QAM	50	50	17.76	17.98	17.78		
20	16QAM	100	0	18.04	17.98	17.98		
20	64QAM	1	0	18.01	18.08	18.01	19.5	0
20	64QAM	1	49	17.95	18.03	18.01		
20	64QAM	1	99	17.96	18.04	17.93		
20	64QAM	50	0	18.03	18.08	17.91	19.5	0
20	64QAM	50	24	17.92	17.97	17.88		
20	64QAM	50	50	17.73	18.01	17.85		
20	64QAM	100	0	18.00	17.96	17.93		
20	256QAM	1	0	18.07	18.09	18.06	19.5	0
20	256QAM	1	49	17.93	18.08	17.92		
20	256QAM	1	99	17.85	18.03	17.89		
20	256QAM	50	0	17.98	18.05	17.91	19.5	0
20	256QAM	50	24	17.82	17.93	17.87		
20	256QAM	50	50	17.75	17.90	17.87		
20	256QAM	100	0	18.05	18.02	17.93		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.99	18.11	17.99	19.5	0
15	QPSK	1	37	17.92	18.08	18.00		
15	QPSK	1	74	17.85	18.05	17.92		
15	QPSK	36	0	17.93	17.96	17.91	19.5	0
15	QPSK	36	20	17.83	17.95	17.87		
15	QPSK	36	39	17.76	18.00	17.77		
15	QPSK	75	0	18.01	18.02	17.93		
15	16QAM	1	0	18.00	18.03	17.98	19.5	0
15	16QAM	1	37	17.81	17.92	17.87		
15	16QAM	1	74	17.83	17.92	17.81		
15	16QAM	36	0	17.89	17.98	17.89	19.5	0
15	16QAM	36	20	17.83	17.87	17.74		
15	16QAM	36	39	17.67	17.88	17.70		
15	16QAM	75	0	17.98	17.86	17.94		
15	64QAM	1	0	17.93	18.02	17.90	19.5	0
15	64QAM	1	37	17.86	17.92	17.96		
15	64QAM	1	74	17.91	18.01	17.81		
15	64QAM	36	0	17.98	18.00	17.86	19.5	0
15	64QAM	36	20	17.81	17.91	17.77		
15	64QAM	36	39	17.64	17.90	17.76		
15	64QAM	75	0	17.89	17.90	17.79		
15	256QAM	1	0	17.96	18.03	18.00	19.5	0
15	256QAM	1	37	17.86	18.02	17.86		
15	256QAM	1	74	17.81	18.00	17.83		
15	256QAM	36	0	17.89	17.91	17.85	19.5	0
15	256QAM	36	20	17.76	17.84	17.75		
15	256QAM	36	39	17.71	17.82	17.74		
15	256QAM	75	0	17.99	17.91	17.82		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.09	18.11	18.02	19.5	0
10	QPSK	1	25	17.92	18.05	17.95		
10	QPSK	1	49	17.94	18.03	17.95		
10	QPSK	25	0	17.97	18.01	17.93	19.5	0
10	QPSK	25	12	17.85	17.97	17.78		
10	QPSK	25	25	17.71	17.95	17.88		
10	QPSK	50	0	18.04	17.97	17.92		
10	16QAM	1	0	18.00	17.97	17.90	19.5	0
10	16QAM	1	25	17.83	17.92	17.95		
10	16QAM	1	49	17.83	17.98	17.88		
10	16QAM	25	0	17.95	17.97	17.83	19.5	0
10	16QAM	25	12	17.76	17.86	17.68		
10	16QAM	25	25	17.72	17.91	17.74		
10	16QAM	50	0	17.91	17.88	17.90		
10	64QAM	1	0	17.88	17.96	17.92	19.5	0
10	64QAM	1	25	17.93	17.97	17.91		
10	64QAM	1	49	17.84	17.94	17.88		
10	64QAM	25	0	17.89	17.96	17.87	19.5	0
10	64QAM	25	12	17.83	17.85	17.86		
10	64QAM	25	25	17.63	17.99	17.72		
10	64QAM	50	0	17.86	17.93	17.88		
10	256QAM	1	0	18.04	18.04	17.95	19.5	0
10	256QAM	1	25	17.80	18.04	17.86		
10	256QAM	1	49	17.81	17.94	17.78		
10	256QAM	25	0	17.92	17.98	17.85	19.5	0
10	256QAM	25	12	17.69	17.81	17.78		
10	256QAM	25	25	17.72	17.84	17.84		
10	256QAM	50	0	17.92	17.92	17.88		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.01	18.13	18.02	19.5	0
5	QPSK	1	12	17.98	18.07	17.95		
5	QPSK	1	24	17.96	17.99	17.91		
5	QPSK	12	0	17.99	18.03	17.97	19.5	0
5	QPSK	12	7	17.83	17.95	17.85		
5	QPSK	12	13	17.73	17.91	17.87		
5	QPSK	25	0	18.02	18.02	18.01		
5	16QAM	1	0	17.95	18.04	17.95	19.5	0
5	16QAM	1	12	17.79	17.99	17.96		
5	16QAM	1	24	17.76	17.94	17.85		
5	16QAM	12	0	17.88	17.91	17.90	19.5	0
5	16QAM	12	7	17.80	17.91	17.71		
5	16QAM	12	13	17.64	17.87	17.73		
5	16QAM	25	0	17.92	17.84	17.89		
5	64QAM	1	0	17.99	18.04	17.90	19.5	0
5	64QAM	1	12	17.85	18.00	17.90		
5	64QAM	1	24	17.85	17.95	17.85		
5	64QAM	12	0	17.98	18.05	17.89	19.5	0
5	64QAM	12	7	17.88	17.91	17.81		
5	64QAM	12	13	17.62	17.92	17.81		
5	64QAM	25	0	17.88	17.88	17.81		
5	256QAM	1	0	18.02	18.03	17.98	19.5	0
5	256QAM	1	12	17.89	18.03	17.79		
5	256QAM	1	24	17.81	17.92	17.78		
5	256QAM	12	0	17.94	17.95	17.86	19.5	0
5	256QAM	12	7	17.73	17.90	17.80		
5	256QAM	12	13	17.63	17.78	17.78		
5	256QAM	25	0	17.95	17.98	17.86		

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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	17.99	17.98	18.14	18.05	17.99	19.5	0
20	QPSK	1	49	18.02	17.84	18.06	18.00	17.89		
20	QPSK	1	99	17.93	17.92	18.07	17.86	17.86		
20	QPSK	50	0	17.87	17.93	18.09	17.95	17.85	19.5	0
20	QPSK	50	24	17.89	17.78	18.03	17.97	17.77		
20	QPSK	50	50	17.80	17.87	17.97	17.72	17.78		
20	QPSK	100	0	17.94	17.92	18.06	18.00	17.94		
20	16QAM	1	0	17.87	17.92	18.05	17.99	17.97	19.5	0
20	16QAM	1	49	17.96	17.72	17.95	17.94	17.79		
20	16QAM	1	99	17.83	17.90	17.94	17.77	17.73		
20	16QAM	50	0	17.81	17.90	17.97	17.89	17.76	19.5	0
20	16QAM	50	24	17.81	17.76	17.99	17.84	17.73		
20	16QAM	50	50	17.69	17.82	17.83	17.68	17.66		
20	16QAM	100	0	17.92	17.87	17.98	17.92	17.87		
20	64QAM	1	0	17.89	17.93	18.06	17.99	17.85	19.5	0
20	64QAM	1	49	18.00	17.81	17.92	17.94	17.79		
20	64QAM	1	99	17.82	17.82	18.00	17.79	17.78		
20	64QAM	50	0	17.83	17.89	18.02	17.89	17.78	19.5	0
20	64QAM	50	24	17.85	17.75	18.00	17.88	17.65		
20	64QAM	50	50	17.66	17.79	17.87	17.64	17.66		
20	64QAM	100	0	17.88	17.86	17.96	17.93	17.81		
20	256QAM	1	0	17.91	17.92	18.01	18.00	17.89	19.5	0
20	256QAM	1	49	17.92	17.71	17.95	17.89	17.84		
20	256QAM	1	99	17.80	17.88	17.99	17.81	17.80		
20	256QAM	50	0	17.80	17.81	17.99	17.88	17.76	19.5	0
20	256QAM	50	24	17.86	17.73	17.89	17.89	17.72		
20	256QAM	50	50	17.68	17.80	17.88	17.64	17.66		
20	256QAM	100	0	17.92	17.82	17.97	17.87	17.86		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.91	17.89	18.01	18.01	17.95	19.50	0
15	QPSK	1	37	17.99	17.74	18.00	17.86	17.82		
15	QPSK	1	74	17.85	17.83	17.99	17.76	17.82		
15	QPSK	36	0	17.80	17.87	17.95	17.84	17.78	19.5	0
15	QPSK	36	20	17.81	17.66	18.00	17.88	17.65		
15	QPSK	36	39	17.70	17.81	17.93	17.68	17.68		
15	QPSK	75	0	17.84	17.79	17.97	17.95	17.84		
15	16QAM	1	0	17.76	17.81	17.93	17.91	17.84	19.5	0
15	16QAM	1	37	17.85	17.65	17.85	17.91	17.72		
15	16QAM	1	74	17.77	17.85	17.86	17.63	17.71		
15	16QAM	36	0	17.71	17.77	17.94	17.85	17.71	19.5	0
15	16QAM	36	20	17.67	17.63	17.92	17.78	17.67		
15	16QAM	36	39	17.67	17.77	17.79	17.61	17.54		
15	16QAM	75	0	17.86	17.83	17.84	17.88	17.74		
15	64QAM	1	0	17.81	17.89	18.04	17.89	17.80	19.5	0
15	64QAM	1	37	17.97	17.76	17.83	17.90	17.65		
15	64QAM	1	74	17.68	17.73	17.95	17.70	17.71		
15	64QAM	36	0	17.76	17.84	17.95	17.78	17.72	19.5	0
15	64QAM	36	20	17.78	17.68	17.91	17.79	17.51		
15	64QAM	36	39	17.57	17.67	17.82	17.51	17.62		
15	64QAM	75	0	17.80	17.81	17.93	17.87	17.74		
15	256QAM	1	0	17.77	17.85	17.94	17.94	17.77	19.5	0
15	256QAM	1	37	17.89	17.60	17.86	17.85	17.75		
15	256QAM	1	74	17.71	17.85	17.87	17.68	17.66		
15	256QAM	36	0	17.77	17.70	17.92	17.83	17.70	19.5	0
15	256QAM	36	20	17.77	17.59	17.84	17.75	17.68		
15	256QAM	36	39	17.57	17.76	17.83	17.62	17.53		
15	256QAM	75	0	17.83	17.72	17.84	17.81	17.79		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.90	17.87	18.04	17.95	17.95	19.50	0
10	QPSK	1	25	17.99	17.77	17.94	17.88	17.84		
10	QPSK	1	49	17.90	17.83	18.03	17.76	17.83		
10	QPSK	25	0	17.83	17.85	18.01	17.87	17.73	19.5	0
10	QPSK	25	12	17.82	17.70	17.90	17.85	17.74		
10	QPSK	25	25	17.70	17.78	17.87	17.62	17.68		
10	QPSK	50	0	17.86	17.82	17.96	17.88	17.84		
10	16QAM	1	0	17.79	17.88	17.98	17.86	17.84	19.5	0
10	16QAM	1	25	17.83	17.60	17.91	17.87	17.75		
10	16QAM	1	49	17.76	17.83	17.82	17.65	17.59		
10	16QAM	25	0	17.78	17.80	17.89	17.79	17.73	19.5	0
10	16QAM	25	12	17.71	17.67	17.88	17.71	17.63		
10	16QAM	25	25	17.63	17.70	17.80	17.58	17.55		
10	16QAM	50	0	17.84	17.85	17.86	17.82	17.84		
10	64QAM	1	0	17.85	17.82	17.98	17.94	17.80	19.5	0
10	64QAM	1	25	17.90	17.77	17.81	17.91	17.69		
10	64QAM	1	49	17.77	17.71	17.88	17.68	17.65		
10	64QAM	25	0	17.77	17.82	18.00	17.83	17.73	19.5	0
10	64QAM	25	12	17.79	17.66	17.97	17.75	17.56		
10	64QAM	25	25	17.57	17.77	17.83	17.61	17.54		
10	64QAM	50	0	17.76	17.77	17.91	17.80	17.73		
10	256QAM	1	0	17.83	17.85	17.90	17.91	17.79	19.5	0
10	256QAM	1	25	17.89	17.66	17.86	17.77	17.76		
10	256QAM	1	49	17.74	17.82	17.86	17.68	17.72		
10	256QAM	25	0	17.71	17.78	17.97	17.84	17.74	19.5	0
10	256QAM	25	12	17.80	17.61	17.78	17.83	17.58		
10	256QAM	25	25	17.56	17.77	17.74	17.53	17.60		
10	256QAM	50	0	17.87	17.78	17.90	17.84	17.83		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.96	17.94	18.06	17.97	17.94	19.50	0
5	QPSK	1	12	17.89	17.71	18.02	17.91	17.75		
5	QPSK	1	24	17.85	17.81	17.98	17.81	17.83		
5	QPSK	12	0	17.83	17.89	17.96	17.83	17.75	19.5	0
5	QPSK	12	7	17.82	17.65	17.93	17.85	17.73		
5	QPSK	12	13	17.77	17.82	17.86	17.61	17.68		
5	QPSK	25	0	17.81	17.87	17.92	17.90	17.89		
5	16QAM	1	0	17.80	17.80	17.93	17.87	17.91	19.5	0
5	16QAM	1	12	17.90	17.67	17.87	17.80	17.66		
5	16QAM	1	24	17.74	17.83	17.81	17.71	17.70		
5	16QAM	12	0	17.76	17.83	17.83	17.81	17.63	19.5	0
5	16QAM	12	7	17.68	17.65	17.95	17.74	17.61		
5	16QAM	12	13	17.63	17.68	17.69	17.65	17.61		
5	16QAM	25	0	17.85	17.74	17.89	17.87	17.84		
5	64QAM	1	0	17.81	17.82	18.03	17.90	17.74	19.5	0
5	64QAM	1	12	17.89	17.76	17.84	17.82	17.73		
5	64QAM	1	24	17.71	17.79	17.93	17.71	17.68		
5	64QAM	12	0	17.73	17.80	17.95	17.81	17.72	19.5	0
5	64QAM	12	7	17.79	17.68	17.86	17.76	17.53		
5	64QAM	12	13	17.59	17.70	17.79	17.50	17.55		
5	64QAM	25	0	17.80	17.73	17.88	17.87	17.69		
5	256QAM	1	0	17.86	17.89	17.98	17.89	17.80	19.5	0
5	256QAM	1	12	17.85	17.64	17.83	17.85	17.81		
5	256QAM	1	24	17.78	17.84	17.97	17.79	17.75		
5	256QAM	12	0	17.67	17.70	17.89	17.74	17.62	19.5	0
5	256QAM	12	7	17.83	17.62	17.77	17.80	17.61		
5	256QAM	12	13	17.61	17.66	17.76	17.54	17.58		
5	256QAM	25	0	17.79	17.71	17.86	17.83	17.82		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.27	22.28	22.20	23.5	0
20	QPSK	1	49	22.22	22.19	22.12		
20	QPSK	1	99	22.14	22.22	22.12		
20	QPSK	50	0	22.14	22.26	22.06	23.5	0
20	QPSK	50	24	22.13	22.10	22.01		
20	QPSK	50	50	22.02	22.16	22.06		
20	QPSK	100	0	22.20	22.24	22.07		
20	16QAM	1	0	22.22	22.20	22.12	23.5	0
20	16QAM	1	49	22.18	22.13	22.01		
20	16QAM	1	99	22.02	22.12	22.00		
20	16QAM	50	0	22.18	22.19	22.06	23.5	0
20	16QAM	50	24	22.15	22.08	22.09		
20	16QAM	50	50	22.05	22.09	22.05		
20	16QAM	100	0	22.06	22.14	22.02		
20	64QAM	1	0	22.01	22.08	21.93	23.5	0
20	64QAM	1	49	21.89	22.03	21.98		
20	64QAM	1	99	22.08	22.12	21.93		
20	64QAM	50	0	21.25	21.31	21.23	22.5	1
20	64QAM	50	24	21.27	21.14	21.08		
20	64QAM	50	50	21.18	21.25	21.15		
20	64QAM	100	0	21.19	21.20	21.09		
20	256QAM	1	0	19.31	19.33	19.24	20.5	3
20	256QAM	1	49	19.18	19.20	19.16		
20	256QAM	1	99	19.19	19.26	19.16		
20	256QAM	50	0	19.17	19.20	19.09	20.5	3
20	256QAM	50	24	19.13	19.10	19.05		
20	256QAM	50	50	19.02	19.15	19.06		
20	256QAM	100	0	19.25	19.21	19.11		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.14	22.23	22.17	23.5	0
15	QPSK	1	37	22.11	22.10	22.07		
15	QPSK	1	74	22.02	22.08	22.04		
15	QPSK	36	0	22.02	22.24	21.95	23.5	0
15	QPSK	36	20	22.10	22.05	21.88		
15	QPSK	36	39	21.93	22.12	21.98		
15	QPSK	75	0	22.15	22.18	21.96		
15	16QAM	1	0	22.15	22.13	22.01	23.5	0
15	16QAM	1	37	22.08	22.06	21.93		
15	16QAM	1	74	21.97	22.05	21.89		
15	16QAM	36	0	22.05	22.05	22.00	23.5	0
15	16QAM	36	20	22.12	22.05	21.99		
15	16QAM	36	39	22.01	21.97	22.02		
15	16QAM	75	0	22.03	22.05	21.94		
15	64QAM	1	0	21.90	22.00	21.88	23.5	0
15	64QAM	1	37	21.78	21.94	21.85		
15	64QAM	1	74	22.00	22.06	21.81		
15	64QAM	36	0	21.20	21.23	21.21	22.5	1
15	64QAM	36	20	21.14	21.11	20.95		
15	64QAM	36	39	21.05	21.21	21.05		
15	64QAM	75	0	21.13	21.18	21.04		
15	256QAM	1	0	19.19	19.20	19.14	20.5	3
15	256QAM	1	37	19.15	19.11	19.07		
15	256QAM	1	74	19.05	19.22	19.13		
15	256QAM	36	0	19.04	19.11	19.01	20.5	3
15	256QAM	36	20	19.03	18.96	18.97		
15	256QAM	36	39	18.93	19.03	18.94		
15	256QAM	75	0	19.20	19.11	18.98		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.24	22.25	22.14	23.5	0
10	QPSK	1	25	22.09	22.14	21.99		
10	QPSK	1	49	22.08	22.09	22.02		
10	QPSK	25	0	22.04	22.21	21.99	23.5	0
10	QPSK	25	12	22.00	21.97	21.89		
10	QPSK	25	25	21.90	22.03	21.94		
10	QPSK	50	0	22.17	22.10	22.04		
10	16QAM	1	0	22.16	22.15	22.08	23.5	0
10	16QAM	1	25	22.06	22.01	21.88		
10	16QAM	1	49	21.96	22.07	21.92		
10	16QAM	25	0	22.05	22.06	22.04	23.5	0
10	16QAM	25	12	22.07	22.05	21.98		
10	16QAM	25	25	21.96	21.95	21.96		
10	16QAM	50	0	22.02	22.00	21.92		
10	64QAM	1	0	21.97	22.03	21.82	23.5	0
10	64QAM	1	25	21.85	21.91	21.91		
10	64QAM	1	49	21.99	22.03	21.80		
10	64QAM	25	0	21.23	21.28	21.20	22.5	1
10	64QAM	25	12	21.24	21.01	20.95		
10	64QAM	25	25	21.15	21.12	21.02		
10	64QAM	50	0	21.10	21.13	21.04		
10	256QAM	1	0	19.20	19.23	19.21	20.5	3
10	256QAM	1	25	19.06	19.08	19.02		
10	256QAM	1	49	19.09	19.14	19.12		
10	256QAM	25	0	19.05	19.08	19.02	20.5	3
10	256QAM	25	12	19.02	19.05	18.95		
10	256QAM	25	25	18.93	19.05	18.98		
10	256QAM	50	0	19.22	19.08	19.03		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.21	22.26	22.11	23.5	0
5	QPSK	1	12	22.14	22.11	22.05		
5	QPSK	1	24	22.12	22.19	21.99		
5	QPSK	12	0	22.03	22.21	21.98	23.5	0
5	QPSK	12	7	22.01	22.01	21.90		
5	QPSK	12	13	21.97	22.11	21.93		
5	QPSK	25	0	22.17	22.16	21.94		
5	16QAM	1	0	22.19	22.07	22.07	23.5	0
5	16QAM	1	12	22.04	22.04	21.88		
5	16QAM	1	24	21.92	22.02	21.93		
5	16QAM	12	0	22.06	22.13	21.99	23.5	0
5	16QAM	12	7	22.05	22.05	22.05		
5	16QAM	12	13	21.91	22.06	22.02		
5	16QAM	25	0	21.95	22.11	22.00		
5	64QAM	1	0	21.92	22.01	21.88	23.5	0
5	64QAM	1	12	21.78	21.93	21.93		
5	64QAM	1	24	21.97	22.07	21.80		
5	64QAM	12	0	21.13	21.22	21.17	22.5	1
5	64QAM	12	7	21.14	21.08	21.03		
5	64QAM	12	13	21.08	21.12	21.04		
5	64QAM	25	0	21.09	21.17	21.06		
5	256QAM	1	0	19.21	19.22	19.20	20.5	3
5	256QAM	1	12	19.11	19.17	19.04		
5	256QAM	1	24	19.14	19.20	19.11		
5	256QAM	12	0	19.10	19.15	18.95	20.5	3
5	256QAM	12	7	19.03	19.00	18.98		
5	256QAM	12	13	18.93	19.02	18.94		
5	256QAM	25	0	19.14	19.18	19.08		

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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	22.09	22.22	22.23	21.96	22.01	23.5	0
20	QPSK	1	49	22.06	22.10	22.21	21.95	22.02		
20	QPSK	1	99	21.99	22.07	22.18	21.87	21.98		
20	QPSK	50	0	22.01	22.14	22.19	21.92	21.88	23.5	0
20	QPSK	50	24	22.01	22.01	22.08	21.89	21.98		
20	QPSK	50	50	21.96	21.97	22.08	21.74	21.94		
20	QPSK	100	0	21.98	22.19	22.15	21.87	21.91		
20	16QAM	1	0	22.03	22.18	22.09	21.87	21.92	23.5	0
20	16QAM	1	49	22.03	22.02	22.11	21.88	21.92		
20	16QAM	1	99	21.90	21.96	22.08	21.83	21.92		
20	16QAM	50	0	22.05	22.15	22.13	21.86	21.92	23.5	0
20	16QAM	50	24	21.95	22.00	22.13	21.84	21.88		
20	16QAM	50	50	21.88	22.01	22.14	21.83	21.86		
20	16QAM	100	0	21.93	22.08	22.07	21.86	21.79		
20	64QAM	1	0	21.90	21.96	22.01	21.77	21.89	23.5	0
20	64QAM	1	49	21.83	21.93	22.04	21.62	21.85		
20	64QAM	1	99	21.90	22.08	22.09	21.78	21.81		
20	64QAM	50	0	21.12	21.22	21.23	20.91	21.03	22.5	1
20	64QAM	50	24	21.10	21.05	21.19	20.97	21.03		
20	64QAM	50	50	20.96	21.11	21.20	20.83	21.00		
20	64QAM	100	0	21.04	21.13	21.18	20.94	20.91		
20	256QAM	1	0	19.11	19.21	19.23	18.90	19.05	20.5	3
20	256QAM	1	49	19.06	19.11	19.18	18.96	19.05		
20	256QAM	1	99	18.96	19.09	19.16	18.83	18.95		
20	256QAM	50	0	19.03	19.15	19.14	18.94	18.94	20.5	3
20	256QAM	50	24	18.98	19.03	19.13	18.86	18.93		
20	256QAM	50	50	18.99	19.01	19.08	18.80	18.93		
20	256QAM	100	0	18.98	19.15	19.15	18.87	18.94		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.99	22.08	22.21	21.92	21.97	23.50	0
15	QPSK	1	37	21.93	22.07	22.10	21.89	21.92		
15	QPSK	1	74	21.96	22.04	22.10	21.83	21.86		
15	QPSK	36	0	21.90	22.09	22.13	21.84	21.78	23.5	0
15	QPSK	36	20	21.95	21.97	22.04	21.80	21.89		
15	QPSK	36	39	21.82	21.95	22.05	21.66	21.83		
15	QPSK	75	0	21.92	22.12	22.09	21.76	21.88		
15	16QAM	1	0	21.98	22.06	22.06	21.84	21.78	23.5	0
15	16QAM	1	37	21.92	21.89	22.04	21.86	21.89		
15	16QAM	1	74	21.78	21.87	21.95	21.74	21.87		
15	16QAM	36	0	21.94	22.12	22.11	21.73	21.79	23.5	0
15	16QAM	36	20	21.86	21.90	22.08	21.78	21.79		
15	16QAM	36	39	21.81	21.92	22.02	21.78	21.82		
15	16QAM	75	0	21.84	21.98	21.97	21.78	21.71		
15	64QAM	1	0	21.82	21.87	21.95	21.68	21.82	23.5	0
15	64QAM	1	37	21.81	21.85	22.01	21.51	21.73		
15	64QAM	1	74	21.85	21.95	21.95	21.73	21.68		
15	64QAM	36	0	21.07	21.10	21.17	20.79	20.96	22.5	1
15	64QAM	36	20	21.02	20.92	21.15	20.88	20.98		
15	64QAM	36	39	20.87	21.01	21.08	20.77	20.95		
15	64QAM	75	0	20.95	21.09	21.04	20.84	20.83		
15	256QAM	1	0	19.01	19.08	19.11	18.79	19.03	20.5	3
15	256QAM	1	37	18.99	19.02	19.05	18.89	19.01		
15	256QAM	1	74	18.82	19.02	19.06	18.79	18.85		
15	256QAM	36	0	19.00	19.10	19.06	18.87	18.88	20.5	3
15	256QAM	36	20	18.88	19.00	19.02	18.76	18.80		
15	256QAM	36	39	18.94	18.96	19.01	18.73	18.79		
15	256QAM	75	0	18.90	19.06	19.06	18.73	18.86		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.95	22.17	22.11	21.93	21.95	23.50	0
10	QPSK	1	25	22.03	22.06	22.19	21.86	21.96		
10	QPSK	1	49	21.87	22.04	22.12	21.74	21.84		
10	QPSK	25	0	21.99	22.06	22.08	21.80	21.77	23.5	0
10	QPSK	25	12	21.98	21.88	22.04	21.77	21.95		
10	QPSK	25	25	21.90	21.92	22.05	21.71	21.86		
10	QPSK	50	0	21.86	22.11	22.02	21.85	21.83		
10	16QAM	1	0	21.94	22.06	21.97	21.82	21.83	23.5	0
10	16QAM	1	25	22.00	21.90	22.01	21.81	21.89		
10	16QAM	1	49	21.77	21.86	22.02	21.77	21.86		
10	16QAM	25	0	21.96	22.09	22.06	21.82	21.78	23.5	0
10	16QAM	25	12	21.87	21.93	22.11	21.79	21.77		
10	16QAM	25	25	21.74	21.94	22.04	21.70	21.74		
10	16QAM	50	0	21.87	21.99	21.93	21.77	21.76		
10	64QAM	1	0	21.77	21.89	21.95	21.67	21.81	23.5	0
10	64QAM	1	25	21.80	21.84	22.00	21.55	21.78		
10	64QAM	1	49	21.82	21.98	21.97	21.64	21.75		
10	64QAM	25	0	21.04	21.18	21.15	20.77	20.90	22.5	1
10	64QAM	25	12	21.06	21.00	21.16	20.90	20.97		
10	64QAM	25	25	20.86	21.02	21.18	20.75	20.96		
10	64QAM	50	0	20.91	21.03	21.15	20.91	20.81		
10	256QAM	1	0	19.06	19.17	19.10	18.80	18.96	20.5	3
10	256QAM	1	25	18.99	18.98	19.11	18.94	18.94		
10	256QAM	1	49	18.87	19.06	19.11	18.76	18.84		
10	256QAM	25	0	18.99	19.04	19.00	18.89	18.86	20.5	3
10	256QAM	25	12	18.92	18.91	19.06	18.78	18.86		
10	256QAM	25	25	18.86	18.90	18.96	18.69	18.83		
10	256QAM	50	0	18.94	19.05	19.10	18.74	18.88		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.95	22.14	22.14	21.83	21.87	23.50	0
5	QPSK	1	12	22.04	22.06	22.13	21.87	21.94		
5	QPSK	1	24	21.85	21.98	22.04	21.73	21.87		
5	QPSK	12	0	21.96	22.09	22.16	21.80	21.80	23.5	0
5	QPSK	12	7	21.95	21.99	22.05	21.76	21.88		
5	QPSK	12	13	21.93	21.86	22.05	21.70	21.86		
5	QPSK	25	0	21.91	22.09	22.12	21.81	21.88		
5	16QAM	1	0	21.98	22.09	22.04	21.74	21.89	23.5	0
5	16QAM	1	12	21.96	21.98	22.02	21.79	21.86		
5	16QAM	1	24	21.81	21.90	21.96	21.75	21.82		
5	16QAM	12	0	21.96	22.12	22.05	21.83	21.81	23.5	0
5	16QAM	12	7	21.89	21.93	22.03	21.81	21.83		
5	16QAM	12	13	21.82	21.89	22.10	21.77	21.83		
5	16QAM	25	0	21.89	22.04	22.02	21.79	21.76		
5	64QAM	1	0	21.87	21.89	21.92	21.66	21.85	23.5	0
5	64QAM	1	12	21.75	21.86	22.00	21.52	21.80		
5	64QAM	1	24	21.87	21.99	21.96	21.70	21.69		
5	64QAM	12	0	21.01	21.17	21.09	20.81	20.97	22.5	1
5	64QAM	12	7	21.05	20.96	21.12	20.90	20.99		
5	64QAM	12	13	20.88	21.09	21.15	20.70	20.97		
5	64QAM	25	0	20.96	21.10	21.05	20.88	20.77		
5	256QAM	1	0	19.05	19.17	19.11	18.85	18.96	20.5	3
5	256QAM	1	12	19.00	19.02	19.10	18.86	19.02		
5	256QAM	1	24	18.90	18.97	19.04	18.74	18.92		
5	256QAM	12	0	18.96	19.13	19.05	18.86	18.88	20.5	3
5	256QAM	12	7	18.85	18.92	19.05	18.82	18.89		
5	256QAM	12	13	18.94	18.92	19.05	18.73	18.87		
5	256QAM	25	0	18.94	19.13	19.13	18.74	18.84		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.97	20.03	19.99	21.5	0
20	QPSK	1	49	19.82	20.02	19.92		
20	QPSK	1	99	19.77	19.94	19.86		
20	QPSK	50	0	19.85	20.00	19.86	21.5	0
20	QPSK	50	24	19.75	19.92	19.87		
20	QPSK	50	50	19.75	19.84	19.75		
20	QPSK	100	0	19.95	19.97	19.86		
20	16QAM	1	0	19.85	19.89	19.95	21.5	0
20	16QAM	1	49	19.79	19.89	19.87		
20	16QAM	1	99	19.65	19.83	19.80		
20	16QAM	50	0	19.41	19.48	19.51	21	0.5
20	16QAM	50	24	19.31	19.50	19.41		
20	16QAM	50	50	19.28	19.45	19.41		
20	16QAM	100	0	19.40	19.52	19.31		
20	64QAM	1	0	19.28	19.44	19.33	21	0.5
20	64QAM	1	49	19.22	19.34	19.23		
20	64QAM	1	99	19.49	19.46	19.36		
20	64QAM	50	0	18.42	18.52	18.45	20	1.5
20	64QAM	50	24	18.35	18.47	18.48		
20	64QAM	50	50	18.31	18.43	18.30		
20	64QAM	100	0	18.36	18.46	18.38		
20	256QAM	1	0	16.42	16.47	16.46	18	3.5
20	256QAM	1	49	16.36	16.50	16.45		
20	256QAM	1	99	16.29	16.47	16.38		
20	256QAM	50	0	16.35	16.47	16.39	18	3.5
20	256QAM	50	24	16.29	16.47	16.39		
20	256QAM	50	50	16.20	16.30	16.27		
20	256QAM	100	0	16.50	16.41	16.34		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.94	19.99	19.93	21.5	0
15	QPSK	1	37	19.72	19.99	19.82		
15	QPSK	1	74	19.66	19.84	19.76		
15	QPSK	36	0	19.72	19.92	19.73	21.5	0
15	QPSK	36	20	19.69	19.79	19.81		
15	QPSK	36	39	19.65	19.70	19.67		
15	QPSK	75	0	19.92	19.87	19.74		
15	16QAM	1	0	19.80	19.80	19.83	21.5	0
15	16QAM	1	37	19.71	19.83	19.80		
15	16QAM	1	74	19.57	19.73	19.74		
15	16QAM	36	0	19.35	19.42	19.43	21	0.5
15	16QAM	36	20	19.25	19.40	19.29		
15	16QAM	36	39	19.25	19.35	19.27		
15	16QAM	75	0	19.31	19.44	19.27		
15	64QAM	1	0	19.17	19.41	19.29	21	0.5
15	64QAM	1	37	19.10	19.30	19.17		
15	64QAM	1	74	19.45	19.35	19.24		
15	64QAM	36	0	18.37	18.41	18.39	20	1.5
15	64QAM	36	20	18.28	18.42	18.43		
15	64QAM	36	39	18.22	18.30	18.18		
15	64QAM	75	0	18.32	18.35	18.26		
15	256QAM	1	0	16.38	16.41	16.40	18	3.5
15	256QAM	1	37	16.28	16.40	16.37		
15	256QAM	1	74	16.21	16.34	16.25		
15	256QAM	36	0	16.27	16.35	16.32	18	3.5
15	256QAM	36	20	16.24	16.34	16.26		
15	256QAM	36	39	16.12	16.21	16.19		
15	256QAM	75	0	16.45	16.39	16.20		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.85	19.94	19.86	21.5	0
10	QPSK	1	25	19.76	19.99	19.80		
10	QPSK	1	49	19.68	19.82	19.73		
10	QPSK	25	0	19.80	19.89	19.78	21.5	0
10	QPSK	25	12	19.62	19.81	19.73		
10	QPSK	25	25	19.63	19.72	19.66		
10	QPSK	50	0	19.87	19.85	19.74		
10	16QAM	1	0	19.77	19.77	19.86	21.5	0
10	16QAM	1	25	19.69	19.86	19.84		
10	16QAM	1	49	19.56	19.77	19.70		
10	16QAM	25	0	19.33	19.38	19.38	21	0.5
10	16QAM	25	12	19.24	19.46	19.37		
10	16QAM	25	25	19.19	19.38	19.37		
10	16QAM	50	0	19.27	19.47	19.26		
10	64QAM	1	0	19.18	19.38	19.20	21	0.5
10	64QAM	1	25	19.18	19.22	19.18		
10	64QAM	1	49	19.44	19.42	19.34		
10	64QAM	25	0	18.28	18.44	18.36	20	1.5
10	64QAM	25	12	18.30	18.34	18.39		
10	64QAM	25	25	18.24	18.31	18.25		
10	64QAM	50	0	18.26	18.41	18.28		
10	256QAM	1	0	16.35	16.34	16.40	18	3.5
10	256QAM	1	25	16.23	16.41	16.41		
10	256QAM	1	49	16.16	16.40	16.32		
10	256QAM	25	0	16.26	16.43	16.33	18	3.5
10	256QAM	25	12	16.25	16.43	16.29		
10	256QAM	25	25	16.17	16.25	16.21		
10	256QAM	50	0	16.41	16.32	16.22		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.84	19.94	19.89	21.5	0
5	QPSK	1	12	19.73	19.89	19.79		
5	QPSK	1	24	19.70	19.83	19.75		
5	QPSK	12	0	19.80	19.93	19.75	21.5	0
5	QPSK	12	7	19.69	19.82	19.82		
5	QPSK	12	13	19.71	19.73	19.67		
5	QPSK	25	0	19.90	19.95	19.73		
5	16QAM	1	0	19.76	19.79	19.91	21.5	0
5	16QAM	1	12	19.68	19.76	19.81		
5	16QAM	1	24	19.54	19.81	19.69		
5	16QAM	12	0	19.30	19.37	19.45	21	0.5
5	16QAM	12	7	19.28	19.43	19.30		
5	16QAM	12	13	19.24	19.41	19.29		
5	16QAM	25	0	19.27	19.39	19.20		
5	64QAM	1	0	19.21	19.35	19.29	21	0.5
5	64QAM	1	12	19.14	19.25	19.14		
5	64QAM	1	24	19.43	19.44	19.33		
5	64QAM	12	0	18.37	18.47	18.35	20	1.5
5	64QAM	12	7	18.30	18.40	18.38		
5	64QAM	12	13	18.24	18.32	18.26		
5	64QAM	25	0	18.23	18.36	18.33		
5	256QAM	1	0	16.30	16.34	16.35	18	3.5
5	256QAM	1	12	16.31	16.46	16.32		
5	256QAM	1	24	16.16	16.40	16.34		
5	256QAM	12	0	16.23	16.41	16.36	18	3.5
5	256QAM	12	7	16.25	16.41	16.36		
5	256QAM	12	13	16.15	16.27	16.13		
5	256QAM	25	0	16.42	16.28	16.21		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.60	19.73	19.65	19.65	21	0
20	QPSK	1	49	19.58	19.64	19.60	19.66		
20	QPSK	1	99	19.55	19.63	19.63	19.54		
20	QPSK	50	0	19.52	19.69	19.53	19.53	21	0
20	QPSK	50	24	19.49	19.53	19.46	19.62		
20	QPSK	50	50	19.46	19.49	19.56	19.45		
20	QPSK	100	0	19.49	19.66	19.56	19.60		
20	16QAM	1	0	19.51	19.60	19.62	19.62	21	0
20	16QAM	1	49	19.52	19.55	19.52	19.61		
20	16QAM	1	99	19.46	19.58	19.56	19.52		
20	16QAM	50	0	18.61	18.69	18.65	18.67	20	1
20	16QAM	50	24	18.63	18.69	18.58	18.61		
20	16QAM	50	50	18.59	18.59	18.68	18.51		
20	16QAM	100	0	18.58	18.70	18.58	18.51		
20	64QAM	1	0	18.45	18.59	18.41	18.63	20	1
20	64QAM	1	49	18.42	18.51	18.59	18.49		
20	64QAM	1	99	18.47	18.71	18.53	18.66		
20	64QAM	50	0	17.60	17.69	17.69	17.68	19	2
20	64QAM	50	24	17.52	17.66	17.61	17.70		
20	64QAM	50	50	17.60	17.57	17.65	17.56		
20	64QAM	100	0	17.56	17.70	17.59	17.59		
20	256QAM	1	0	15.61	15.70	15.63	15.67	17	4
20	256QAM	1	49	15.57	15.64	15.66	15.63		
20	256QAM	1	99	15.51	15.61	15.68	15.50		
20	256QAM	50	0	15.51	15.67	15.56	15.49	17	4
20	256QAM	50	24	15.54	15.59	15.48	15.64		
20	256QAM	50	50	15.46	15.54	15.53	15.43		
20	256QAM	100	0	15.48	15.65	15.53	15.62		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.53	19.61	19.53	19.53	21	0
15	QPSK	1	37	19.46	19.62	19.55	19.63		
15	QPSK	1	74	19.44	19.60	19.56	19.48		
15	QPSK	36	0	19.46	19.65	19.51	19.46	21	0
15	QPSK	36	20	19.36	19.44	19.39	19.55		
15	QPSK	36	39	19.41	19.38	19.53	19.41		
15	QPSK	75	0	19.45	19.52	19.49	19.50		
15	16QAM	1	0	19.38	19.51	19.57	19.59	21	0
15	16QAM	1	37	19.38	19.50	19.49	19.48		
15	16QAM	1	74	19.39	19.46	19.47	19.44		
15	16QAM	36	0	18.50	18.67	18.60	18.62	20	1
15	16QAM	36	20	18.57	18.56	18.52	18.47		
15	16QAM	36	39	18.50	18.54	18.62	18.49		
15	16QAM	75	0	18.53	18.58	18.47	18.46		
15	64QAM	1	0	18.41	18.51	18.30	18.60	20	1
15	64QAM	1	37	18.37	18.47	18.56	18.46		
15	64QAM	1	74	18.41	18.63	18.45	18.63		
15	64QAM	36	0	17.57	17.58	17.61	17.64	19	2
15	64QAM	36	20	17.47	17.63	17.51	17.61		
15	64QAM	36	39	17.55	17.48	17.60	17.47		
15	64QAM	75	0	17.52	17.68	17.51	17.48		
15	256QAM	1	0	15.54	15.60	15.54	15.65	17	4
15	256QAM	1	37	15.48	15.56	15.57	15.61		
15	256QAM	1	74	15.44	15.50	15.64	15.42		
15	256QAM	36	0	15.48	15.60	15.48	15.38	17	4
15	256QAM	36	20	15.50	15.47	15.42	15.60		
15	256QAM	36	39	15.42	15.41	15.50	15.33		
15	256QAM	75	0	15.38	15.60	15.48	15.52		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.50	19.65	19.53	19.59	21	0
10	QPSK	1	25	19.55	19.61	19.54	19.59		
10	QPSK	1	49	19.43	19.52	19.53	19.51		
10	QPSK	25	0	19.41	19.59	19.40	19.46	21	0
10	QPSK	25	12	19.37	19.45	19.39	19.49		
10	QPSK	25	25	19.44	19.35	19.51	19.39		
10	QPSK	50	0	19.38	19.55	19.44	19.52		
10	16QAM	1	0	19.39	19.49	19.54	19.49	21	0
10	16QAM	1	25	19.43	19.43	19.45	19.56		
10	16QAM	1	49	19.43	19.49	19.51	19.39		
10	16QAM	25	0	18.48	18.58	18.58	18.62	20	1
10	16QAM	25	12	18.50	18.66	18.47	18.55		
10	16QAM	25	25	18.46	18.52	18.64	18.44		
10	16QAM	50	0	18.44	18.64	18.50	18.41		
10	64QAM	1	0	18.37	18.56	18.28	18.58	20	1
10	64QAM	1	25	18.38	18.40	18.54	18.41		
10	64QAM	1	49	18.34	18.61	18.50	18.57		
10	64QAM	25	0	17.58	17.66	17.61	17.56	19	2
10	64QAM	25	12	17.38	17.53	17.52	17.58		
10	64QAM	25	25	17.47	17.49	17.58	17.48		
10	64QAM	50	0	17.53	17.62	17.49	17.48		
10	256QAM	1	0	15.55	15.59	15.52	15.57	17	4
10	256QAM	1	25	15.52	15.55	15.53	15.50		
10	256QAM	1	49	15.38	15.51	15.65	15.47		
10	256QAM	25	0	15.47	15.64	15.46	15.38	17	4
10	256QAM	25	12	15.43	15.54	15.42	15.61		
10	256QAM	25	25	15.42	15.42	15.40	15.36		
10	256QAM	50	0	15.35	15.57	15.42	15.49		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.52	19.68	19.53	19.57	21	0
5	QPSK	1	12	19.56	19.56	19.56	19.61		
5	QPSK	1	24	19.44	19.54	19.56	19.51		
5	QPSK	12	0	19.48	19.56	19.42	19.48	21	0
5	QPSK	12	7	19.46	19.47	19.43	19.49		
5	QPSK	12	13	19.39	19.36	19.47	19.41		
5	QPSK	25	0	19.41	19.61	19.45	19.56		
5	16QAM	1	0	19.38	19.54	19.59	19.52	21	0
5	16QAM	1	12	19.50	19.44	19.46	19.52		
5	16QAM	1	24	19.32	19.47	19.53	19.49		
5	16QAM	12	0	18.57	18.66	18.61	18.54	20	1
5	16QAM	12	7	18.58	18.61	18.45	18.47		
5	16QAM	12	13	18.54	18.50	18.65	18.41		
5	16QAM	25	0	18.47	18.56	18.46	18.38		
5	64QAM	1	0	18.35	18.50	18.34	18.55	20	1
5	64QAM	1	12	18.35	18.42	18.48	18.36		
5	64QAM	1	24	18.34	18.58	18.45	18.53		
5	64QAM	12	0	17.47	17.63	17.61	17.56	19	2
5	64QAM	12	7	17.42	17.55	17.47	17.62		
5	64QAM	12	13	17.51	17.47	17.58	17.53		
5	64QAM	25	0	17.44	17.67	17.46	17.50		
5	256QAM	1	0	15.55	15.62	15.50	15.58	17	4
5	256QAM	1	12	15.49	15.57	15.61	15.54		
5	256QAM	1	24	15.45	15.48	15.64	15.43		
5	256QAM	12	0	15.43	15.59	15.51	15.45	17	4
5	256QAM	12	7	15.45	15.56	15.44	15.57		
5	256QAM	12	13	15.33	15.41	15.46	15.36		
5	256QAM	25	0	15.45	15.57	15.48	15.56		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	15.41	15.65	15.56	16.5	0
20	QPSK	1	49	15.39	15.47	15.59		
20	QPSK	1	99	15.48	15.48	15.62		
20	QPSK	50	0	15.47	15.51	15.59	16.5	0
20	QPSK	50	24	15.48	15.46	15.50		
20	QPSK	50	50	15.48	15.55	15.54		
20	QPSK	100	0	15.39	15.45	15.57		
20	16QAM	1	0	15.43	15.52	15.58	16.5	0
20	16QAM	1	49	15.50	15.52	15.60		
20	16QAM	1	99	15.47	15.52	15.52		
20	16QAM	50	0	15.50	15.52	15.55	16.5	0
20	16QAM	50	24	15.42	15.50	15.57		
20	16QAM	50	50	15.48	15.47	15.57		
20	16QAM	100	0	15.42	15.48	15.62		
20	64QAM	1	0	15.49	15.56	15.56	16.5	0
20	64QAM	1	49	15.49	15.51	15.52		
20	64QAM	1	99	15.39	15.45	15.59		
20	64QAM	50	0	15.50	15.50	15.53	16.5	0
20	64QAM	50	24	15.42	15.48	15.54		
20	64QAM	50	50	15.45	15.49	15.50		
20	64QAM	100	0	15.43	15.46	15.56		
20	256QAM	1	0	15.46	15.52	15.54	16.5	0
20	256QAM	1	49	15.45	15.55	15.59		
20	256QAM	1	99	15.45	15.55	15.57		
20	256QAM	50	0	15.49	15.56	15.50	16.5	0
20	256QAM	50	24	15.41	15.53	15.61		
20	256QAM	50	50	15.42	15.48	15.50		
20	256QAM	100	0	15.47	15.55	15.55		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	15.29	15.43	15.47	16.5	0
15	QPSK	1	37	15.37	15.44	15.50		
15	QPSK	1	74	15.34	15.39	15.45		
15	QPSK	36	0	15.35	15.40	15.42	16.5	0
15	QPSK	36	20	15.31	15.37	15.49		
15	QPSK	36	39	15.39	15.42	15.49		
15	QPSK	75	0	15.41	15.45	15.49		
15	16QAM	1	0	15.34	15.37	15.48	16.5	0
15	16QAM	1	37	15.36	15.39	15.41		
15	16QAM	1	74	15.38	15.45	15.41		
15	16QAM	36	0	15.37	15.44	15.40	16.5	0
15	16QAM	36	20	15.33	15.44	15.49		
15	16QAM	36	39	15.34	15.35	15.47		
15	16QAM	75	0	15.34	15.44	15.48		
15	64QAM	1	0	15.34	15.43	15.45	16.5	0
15	64QAM	1	37	15.40	15.42	15.44		
15	64QAM	1	74	15.36	15.42	15.48		
15	64QAM	36	0	15.36	15.43	15.48	16.5	0
15	64QAM	36	20	15.39	15.36	15.48		
15	64QAM	36	39	15.37	15.41	15.47		
15	64QAM	75	0	15.31	15.47	15.48		
15	256QAM	1	0	15.33	15.46	15.51	16.5	0
15	256QAM	1	37	15.32	15.40	15.49		
15	256QAM	1	74	15.31	15.37	15.50		
15	256QAM	36	0	15.35	15.38	15.42	16.5	0
15	256QAM	36	20	15.37	15.45	15.43		
15	256QAM	36	39	15.31	15.45	15.43		
15	256QAM	75	0	15.41	15.46	15.47		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	15.39	15.41	15.43	16.5	0
10	QPSK	1	25	15.33	15.38	15.50		
10	QPSK	1	49	15.31	15.43	15.44		
10	QPSK	25	0	15.35	15.39	15.45	16.5	0
10	QPSK	25	12	15.31	15.36	15.52		
10	QPSK	25	25	15.38	15.40	15.42		
10	QPSK	50	0	15.33	15.41	15.49		
10	16QAM	1	0	15.40	15.38	15.40	16.5	0
10	16QAM	1	25	15.35	15.36	15.47		
10	16QAM	1	49	15.34	15.42	15.45		
10	16QAM	25	0	15.36	15.38	15.45	16.5	0
10	16QAM	25	12	15.35	15.46	15.45		
10	16QAM	25	25	15.36	15.47	15.47		
10	16QAM	50	0	15.31	15.40	15.48		
10	64QAM	1	0	15.29	15.36	15.45	16.5	0
10	64QAM	1	25	15.34	15.42	15.49		
10	64QAM	1	49	15.34	15.38	15.48		
10	64QAM	25	0	15.32	15.46	15.47	16.5	0
10	64QAM	25	12	15.33	15.45	15.48		
10	64QAM	25	25	15.39	15.42	15.47		
10	64QAM	50	0	15.29	15.43	15.48		
10	256QAM	1	0	15.32	15.40	15.46	16.5	0
10	256QAM	1	25	15.35	15.38	15.49		
10	256QAM	1	49	15.35	15.39	15.41		
10	256QAM	25	0	15.34	15.36	15.47	16.5	0
10	256QAM	25	12	15.37	15.43	15.49		
10	256QAM	25	25	15.38	15.43	15.44		
10	256QAM	50	0	15.30	15.47	15.51		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	15.40	15.42	15.40	16.5	0
5	QPSK	1	12	15.30	15.47	15.49		
5	QPSK	1	24	15.41	15.39	15.46		
5	QPSK	12	0	15.32	15.40	15.41	16.5	0
5	QPSK	12	7	15.39	15.39	15.44		
5	QPSK	12	13	15.41	15.40	15.45		
5	QPSK	25	0	15.30	15.41	15.41		
5	16QAM	1	0	15.35	15.42	15.50	16.5	0
5	16QAM	1	12	15.34	15.35	15.48		
5	16QAM	1	24	15.35	15.35	15.51		
5	16QAM	12	0	15.34	15.37	15.51	16.5	0
5	16QAM	12	7	15.36	15.41	15.41		
5	16QAM	12	13	15.38	15.39	15.47		
5	16QAM	25	0	15.30	15.45	15.41		
5	64QAM	1	0	15.31	15.38	15.48	16.5	0
5	64QAM	1	12	15.37	15.46	15.51		
5	64QAM	1	24	15.39	15.36	15.47		
5	64QAM	12	0	15.32	15.37	15.44	16.5	0
5	64QAM	12	7	15.31	15.38	15.42		
5	64QAM	12	13	15.35	15.44	15.51		
5	64QAM	25	0	15.30	15.35	15.40		
5	256QAM	1	0	15.32	15.47	15.41	16.5	0
5	256QAM	1	12	15.37	15.44	15.49		
5	256QAM	1	24	15.32	15.37	15.45		
5	256QAM	12	0	15.40	15.45	15.46	16.5	0
5	256QAM	12	7	15.37	15.40	15.49		
5	256QAM	12	13	15.33	15.44	15.45		
5	256QAM	25	0	15.30	15.39	15.44		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	15.91	16.15	16.00	16.01	17	0
20	QPSK	1	49	15.91	16.07	16.03	15.96		
20	QPSK	1	99	15.94	16.11	16.02	16.01		
20	QPSK	50	0	15.89	16.05	16.05	16.05	17	0
20	QPSK	50	24	15.92	16.07	16.06	15.96		
20	QPSK	50	50	15.91	16.03	16.05	16.03		
20	QPSK	100	0	15.93	16.10	15.98	16.05		
20	16QAM	1	0	15.90	16.08	16.00	15.98	17	0
20	16QAM	1	49	15.97	16.13	15.99	15.95		
20	16QAM	1	99	15.91	16.12	16.03	16.02		
20	16QAM	50	0	15.90	16.09	15.95	16.00	17	0
20	16QAM	50	24	15.95	16.05	15.95	15.99		
20	16QAM	50	50	15.91	16.07	16.00	16.03		
20	16QAM	100	0	15.91	16.03	16.05	15.95		
20	64QAM	1	0	15.98	16.12	15.99	16.05	17	0
20	64QAM	1	49	16.00	16.06	15.98	16.02		
20	64QAM	1	99	16.00	16.09	16.00	15.99		
20	64QAM	50	0	15.90	16.11	16.02	15.95	17	0
20	64QAM	50	24	15.96	16.13	16.07	15.95		
20	64QAM	50	50	15.89	16.11	15.97	15.99		
20	64QAM	100	0	15.96	16.13	16.01	15.98		
20	256QAM	1	0	15.96	16.03	15.95	15.99	17	0
20	256QAM	1	49	15.97	16.07	15.95	16.03		
20	256QAM	1	99	16.01	16.02	16.05	16.00		
20	256QAM	50	0	15.99	16.05	16.03	15.98	17	0
20	256QAM	50	24	16.00	16.08	16.03	15.97		
20	256QAM	50	50	15.89	16.02	16.03	15.97		
20	256QAM	100	0	15.96	16.06	15.96	16.04		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	15.87	15.93	15.94	15.95	17	0
15	QPSK	1	37	15.87	16.00	15.86	15.95		
15	QPSK	1	74	15.81	15.96	15.96	15.92		
15	QPSK	36	0	15.82	15.91	15.85	15.93	17	0
15	QPSK	36	20	15.89	15.91	15.87	15.86		
15	QPSK	36	39	15.86	16.00	15.95	15.93		
15	QPSK	75	0	15.91	16.00	15.86	15.93		
15	16QAM	1	0	15.86	16.02	15.90	15.91	17	0
15	16QAM	1	37	15.86	15.92	15.95	15.88		
15	16QAM	1	74	15.88	15.95	15.97	15.95		
15	16QAM	36	0	15.85	15.98	15.86	15.90	17	0
15	16QAM	36	20	15.85	15.92	15.92	15.88		
15	16QAM	36	39	15.82	15.92	15.93	15.85		
15	16QAM	75	0	15.82	16.00	15.88	15.89		
15	64QAM	1	0	15.86	15.98	15.86	15.87	17	0
15	64QAM	1	37	15.80	15.98	15.89	15.92		
15	64QAM	1	74	15.86	15.99	15.87	15.91		
15	64QAM	36	0	15.86	15.96	15.90	15.92	17	0
15	64QAM	36	20	15.84	16.02	15.92	15.91		
15	64QAM	36	39	15.84	15.92	15.96	15.91		
15	64QAM	75	0	15.84	15.92	15.90	15.95		
15	256QAM	1	0	15.79	15.97	15.95	15.85	17	0
15	256QAM	1	37	15.85	15.95	15.86	15.86		
15	256QAM	1	74	15.89	15.96	15.94	15.91		
15	256QAM	36	0	15.83	16.01	15.88	15.88	17	0
15	256QAM	36	20	15.84	15.96	15.90	15.86		
15	256QAM	36	39	15.80	15.97	15.89	15.89		
15	256QAM	75	0	15.80	15.98	15.90	15.91		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	15.85	15.91	15.92	15.85	17	0
10	QPSK	1	25	15.88	16.00	15.94	15.86		
10	QPSK	1	49	15.89	15.97	15.89	15.95		
10	QPSK	25	0	15.83	15.99	15.96	15.95	17	0
10	QPSK	25	12	15.88	16.00	15.86	15.90		
10	QPSK	25	25	15.85	15.94	15.88	15.88		
10	QPSK	50	0	15.80	15.99	15.93	15.93		
10	16QAM	1	0	15.85	16.01	15.88	15.95	17	0
10	16QAM	1	25	15.80	16.00	15.90	15.94		
10	16QAM	1	49	15.82	16.03	15.89	15.90		
10	16QAM	25	0	15.88	15.94	15.96	15.84	17	0
10	16QAM	25	12	15.82	16.01	15.90	15.85		
10	16QAM	25	25	15.89	16.01	15.93	15.96		
10	16QAM	50	0	15.84	15.99	15.86	15.90		
10	64QAM	1	0	15.89	16.02	15.90	15.93	17	0
10	64QAM	1	25	15.88	15.95	15.94	15.84		
10	64QAM	1	49	15.91	15.99	15.86	15.87		
10	64QAM	25	0	15.85	15.92	15.89	15.95	17	0
10	64QAM	25	12	15.90	16.01	15.91	15.91		
10	64QAM	25	25	15.88	15.98	15.95	15.95		
10	64QAM	50	0	15.86	16.00	15.85	15.85		
10	256QAM	1	0	15.82	15.92	15.97	15.93	17	0
10	256QAM	1	25	15.84	15.91	15.95	15.96		
10	256QAM	1	49	15.86	15.94	15.89	15.93		
10	256QAM	25	0	15.86	15.97	15.90	15.94	17	0
10	256QAM	25	12	15.82	16.01	15.87	15.88		
10	256QAM	25	25	15.79	15.98	15.91	15.91		
10	256QAM	50	0	15.87	16.00	15.96	15.95		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	15.85	15.92	15.95	15.95	17	0
5	QPSK	1	12	15.80	15.98	15.96	15.85		
5	QPSK	1	24	15.82	16.00	15.94	15.87		
5	QPSK	12	0	15.79	15.96	15.90	15.87	17	0
5	QPSK	12	7	15.82	15.94	15.95	15.93		
5	QPSK	12	13	15.82	15.91	15.93	15.87		
5	QPSK	25	0	15.84	15.95	15.95	15.88		
5	16QAM	1	0	15.82	15.96	15.86	15.91	17	0
5	16QAM	1	12	15.88	15.92	15.91	15.87		
5	16QAM	1	24	15.80	16.00	15.96	15.87		
5	16QAM	12	0	15.90	16.01	15.86	15.95	17	0
5	16QAM	12	7	15.90	15.94	15.97	15.90		
5	16QAM	12	13	15.91	15.94	15.86	15.86		
5	16QAM	25	0	15.81	15.94	15.90	15.90		
5	64QAM	1	0	15.80	15.95	15.92	15.93	17	0
5	64QAM	1	12	15.89	15.94	15.95	15.86		
5	64QAM	1	24	15.80	15.99	15.97	15.84		
5	64QAM	12	0	15.87	15.93	15.96	15.89	17	0
5	64QAM	12	7	15.80	16.02	15.96	15.89		
5	64QAM	12	13	15.87	15.95	15.87	15.95		
5	64QAM	25	0	15.89	15.92	15.93	15.95		
5	256QAM	1	0	15.87	15.99	15.87	15.93	17	0
5	256QAM	1	12	15.87	15.98	15.96	15.87		
5	256QAM	1	24	15.82	15.93	15.93	15.93		
5	256QAM	12	0	15.85	15.98	15.94	15.87	17	0
5	256QAM	12	7	15.79	15.97	15.93	15.91		
5	256QAM	12	13	15.79	15.92	15.89	15.94		
5	256QAM	25	0	15.82	16.02	15.96	15.87		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.08	17.21	17.10	18.5	0
20	QPSK	1	49	16.98	17.11	17.04		
20	QPSK	1	99	17.04	17.07	17.09		
20	QPSK	50	0	17.09	17.06	17.09	18.5	0
20	QPSK	50	24	17.08	17.15	17.10		
20	QPSK	50	50	17.09	17.07	17.12		
20	QPSK	100	0	17.00	17.13	17.07		
20	16QAM	1	0	17.02	17.09	17.07	18.5	0
20	16QAM	1	49	17.09	17.14	17.06		
20	16QAM	1	99	16.99	17.14	17.06		
20	16QAM	50	0	17.03	17.12	17.10	18.5	0
20	16QAM	50	24	17.02	17.11	17.06		
20	16QAM	50	50	17.03	17.13	17.09		
20	16QAM	100	0	17.08	17.11	17.06		
20	64QAM	1	0	17.09	17.08	17.10	18.5	0
20	64QAM	1	49	17.09	17.10	17.03		
20	64QAM	1	99	17.00	17.08	17.07		
20	64QAM	50	0	17.01	17.15	17.07	18.5	0
20	64QAM	50	24	17.00	17.10	17.05		
20	64QAM	50	50	17.01	17.07	17.08		
20	64QAM	100	0	17.09	17.05	17.13		
20	256QAM	1	0	17.07	17.14	17.13	18.5	0
20	256QAM	1	49	17.03	17.13	17.06		
20	256QAM	1	99	17.06	17.08	17.03		
20	256QAM	50	0	17.09	17.13	17.12	18.5	0
20	256QAM	50	24	17.09	17.16	17.03		
20	256QAM	50	50	17.06	17.10	17.12		
20	256QAM	100	0	17.04	17.11	17.02		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	16.94	17.02	16.99	18.5	0
15	QPSK	1	37	16.96	16.98	17.00		
15	QPSK	1	74	16.92	17.01	17.00		
15	QPSK	36	0	16.99	16.99	17.03	18.5	0
15	QPSK	36	20	16.99	17.03	17.01		
15	QPSK	36	39	16.93	17.05	16.95		
15	QPSK	75	0	17.00	16.97	17.03		
15	16QAM	1	0	16.88	16.99	16.99	18.5	0
15	16QAM	1	37	16.94	16.96	17.03		
15	16QAM	1	74	16.97	16.98	16.93		
15	16QAM	36	0	16.89	17.03	16.95	18.5	0
15	16QAM	36	20	16.95	16.96	16.98		
15	16QAM	36	39	16.98	17.03	16.94		
15	16QAM	75	0	16.89	17.01	16.93		
15	64QAM	1	0	16.96	16.94	17.03	18.5	0
15	64QAM	1	37	16.96	16.97	16.95		
15	64QAM	1	74	16.90	17.06	17.02		
15	64QAM	36	0	16.90	16.94	17.00	18.5	0
15	64QAM	36	20	16.98	17.00	16.99		
15	64QAM	36	39	17.00	16.96	16.97		
15	64QAM	75	0	16.91	16.95	16.96		
15	256QAM	1	0	16.92	17.00	16.93	18.5	0
15	256QAM	1	37	16.92	17.01	16.94		
15	256QAM	1	74	16.99	16.94	16.96		
15	256QAM	36	0	16.98	17.02	16.99	18.5	0
15	256QAM	36	20	16.91	17.03	17.02		
15	256QAM	36	39	16.88	17.06	16.96		
15	256QAM	75	0	16.91	16.96	16.97		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	16.97	17.00	16.93	18.5	0
10	QPSK	1	25	16.95	17.00	16.98		
10	QPSK	1	49	16.92	16.96	17.00		
10	QPSK	25	0	16.89	17.02	16.93	18.5	0
10	QPSK	25	12	16.97	16.96	17.02		
10	QPSK	25	25	16.91	17.02	16.92		
10	QPSK	50	0	16.89	17.06	16.96		
10	16QAM	1	0	16.95	17.01	16.96	18.5	0
10	16QAM	1	25	16.98	17.02	16.95		
10	16QAM	1	49	16.90	17.02	17.03		
10	16QAM	25	0	17.00	17.03	17.00	18.5	0
10	16QAM	25	12	16.97	17.01	17.02		
10	16QAM	25	25	16.99	16.98	16.95		
10	16QAM	50	0	16.88	16.99	16.98		
10	64QAM	1	0	16.89	17.05	16.97	18.5	0
10	64QAM	1	25	16.95	17.06	16.94		
10	64QAM	1	49	16.95	17.04	16.96		
10	64QAM	25	0	16.95	17.00	17.00	18.5	0
10	64QAM	25	12	16.90	17.03	16.99		
10	64QAM	25	25	16.95	17.05	16.97		
10	64QAM	50	0	16.89	16.99	16.98		
10	256QAM	1	0	16.96	17.05	17.02	18.5	0
10	256QAM	1	25	16.92	16.96	17.02		
10	256QAM	1	49	16.89	17.01	16.98		
10	256QAM	25	0	16.99	17.02	17.01	18.5	0
10	256QAM	25	12	16.93	16.99	16.93		
10	256QAM	25	25	16.98	16.99	16.94		
10	256QAM	50	0	16.88	16.97	17.04		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	16.90	16.95	17.03	18.5	0
5	QPSK	1	12	16.98	16.94	16.93		
5	QPSK	1	24	17.00	17.05	16.93		
5	QPSK	12	0	16.94	17.02	16.94	18.5	0
5	QPSK	12	7	16.90	17.02	17.03		
5	QPSK	12	13	16.91	17.06	17.01		
5	QPSK	25	0	16.97	17.04	16.95		
5	16QAM	1	0	16.96	16.96	16.94	18.5	0
5	16QAM	1	12	16.98	16.95	16.98		
5	16QAM	1	24	16.89	17.06	16.93		
5	16QAM	12	0	16.91	17.05	16.99	18.5	0
5	16QAM	12	7	16.91	16.96	17.01		
5	16QAM	12	13	16.94	16.96	17.00		
5	16QAM	25	0	16.99	17.05	17.00		
5	64QAM	1	0	16.96	16.97	17.01	18.5	0
5	64QAM	1	12	16.95	17.04	17.01		
5	64QAM	1	24	16.95	16.95	17.00		
5	64QAM	12	0	17.00	17.02	17.03	18.5	0
5	64QAM	12	7	16.98	17.02	17.00		
5	64QAM	12	13	16.91	17.00	17.00		
5	64QAM	25	0	16.92	17.06	16.97		
5	256QAM	1	0	16.96	17.01	16.92	18.5	0
5	256QAM	1	12	16.97	16.96	16.98		
5	256QAM	1	24	16.95	17.05	16.97		
5	256QAM	12	0	16.93	16.99	17.03	18.5	0
5	256QAM	12	7	16.98	16.97	17.00		
5	256QAM	12	13	16.98	16.96	16.95		
5	256QAM	25	0	16.93	16.95	17.04		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.29	18.49	18.32	18.28		
20	QPSK	1	49	18.31	18.39	18.32	18.31	20	0
20	QPSK	1	99	18.26	18.43	18.31	18.30		
20	QPSK	50	0	18.34	18.37	18.32	18.23		
20	QPSK	50	24	18.35	18.46	18.33	18.32	20	0
20	QPSK	50	50	18.28	18.37	18.31	18.23		
20	QPSK	100	0	18.36	18.45	18.32	18.28		
20	16QAM	1	0	18.37	18.40	18.37	18.27		
20	16QAM	1	49	18.31	18.44	18.36	18.34	20	0
20	16QAM	1	99	18.31	18.45	18.39	18.34		
20	16QAM	50	0	18.34	18.36	18.40	18.30		
20	16QAM	50	24	18.37	18.46	18.33	18.29	20	0
20	16QAM	50	50	18.36	18.40	18.30	18.31		
20	16QAM	100	0	18.28	18.45	18.30	18.34		
20	64QAM	1	0	18.36	18.35	18.30	18.23		
20	64QAM	1	49	18.36	18.40	18.37	18.28	20	0
20	64QAM	1	99	18.32	18.37	18.36	18.23		
20	64QAM	50	0	18.35	18.42	18.35	18.26		
20	64QAM	50	24	18.27	18.37	18.37	18.27	20	0
20	64QAM	50	50	18.33	18.35	18.32	18.28		
20	64QAM	100	0	18.29	18.34	18.30	18.33		
20	256QAM	1	0	18.29	18.44	18.31	18.27		
20	256QAM	1	49	18.34	18.44	18.35	18.24	20	0
20	256QAM	1	99	18.28	18.37	18.38	18.23		
20	256QAM	50	0	18.26	18.43	18.38	18.25		
20	256QAM	50	24	18.36	18.35	18.33	18.23	20	0
20	256QAM	50	50	18.28	18.38	18.41	18.29		
20	256QAM	100	0	18.27	18.35	18.38	18.30		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.25	18.27	18.30	18.24		
15	QPSK	1	37	18.21	18.24	18.28	18.16	20	0
15	QPSK	1	74	18.25	18.26	18.29	18.20		
15	QPSK	36	0	18.19	18.35	18.25	18.19		
15	QPSK	36	20	18.19	18.24	18.22	18.20	20	0
15	QPSK	36	39	18.17	18.29	18.21	18.23		
15	QPSK	75	0	18.26	18.35	18.28	18.21		
15	16QAM	1	0	18.26	18.33	18.27	18.17		
15	16QAM	1	37	18.17	18.28	18.29	18.20	20	0
15	16QAM	1	74	18.24	18.29	18.21	18.20		
15	16QAM	36	0	18.20	18.31	18.26	18.18		
15	16QAM	36	20	18.28	18.28	18.26	18.18	20	0
15	16QAM	36	39	18.23	18.35	18.29	18.24		
15	16QAM	75	0	18.22	18.28	18.23	18.21		
15	64QAM	1	0	18.26	18.35	18.29	18.13		
15	64QAM	1	37	18.26	18.30	18.22	18.21	20	0
15	64QAM	1	74	18.28	18.31	18.23	18.23		
15	64QAM	36	0	18.27	18.25	18.30	18.21		
15	64QAM	36	20	18.17	18.24	18.29	18.21	20	0
15	64QAM	36	39	18.16	18.29	18.20	18.15		
15	64QAM	75	0	18.19	18.34	18.22	18.22		
15	256QAM	1	0	18.28	18.28	18.26	18.16		
15	256QAM	1	37	18.23	18.26	18.22	18.22	20	0
15	256QAM	1	74	18.20	18.34	18.25	18.22		
15	256QAM	36	0	18.21	18.35	18.28	18.23		
15	256QAM	36	20	18.18	18.29	18.26	18.14	20	0
15	256QAM	36	39	18.17	18.26	18.30	18.21		
15	256QAM	75	0	18.18	18.34	18.20	18.19		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.26	18.36	18.28	18.15		
10	QPSK	1	25	18.28	18.29	18.22	18.24	20	0
10	QPSK	1	49	18.21	18.30	18.30	18.17		
10	QPSK	25	0	18.21	18.25	18.23	18.15		
10	QPSK	25	12	18.17	18.26	18.24	18.21	20	0
10	QPSK	25	25	18.21	18.31	18.22	18.22		
10	QPSK	50	0	18.18	18.32	18.30	18.19		
10	16QAM	1	0	18.20	18.32	18.24	18.14		
10	16QAM	1	25	18.21	18.30	18.25	18.23	20	0
10	16QAM	1	49	18.17	18.25	18.24	18.23		
10	16QAM	25	0	18.19	18.24	18.29	18.17		
10	16QAM	25	12	18.26	18.25	18.25	18.21	20	0
10	16QAM	25	25	18.21	18.26	18.31	18.17		
10	16QAM	50	0	18.22	18.24	18.30	18.24		
10	64QAM	1	0	18.27	18.27	18.24	18.17		
10	64QAM	1	25	18.26	18.27	18.22	18.15	20	0
10	64QAM	1	49	18.20	18.25	18.29	18.16		
10	64QAM	25	0	18.21	18.25	18.29	18.19		
10	64QAM	25	12	18.17	18.24	18.29	18.19	20	0
10	64QAM	25	25	18.17	18.29	18.25	18.22		
10	64QAM	50	0	18.28	18.29	18.29	18.19		
10	256QAM	1	0	18.16	18.29	18.30	18.23		
10	256QAM	1	25	18.16	18.34	18.30	18.23	20	0
10	256QAM	1	49	18.16	18.29	18.20	18.17		
10	256QAM	25	0	18.23	18.27	18.25	18.17		
10	256QAM	25	12	18.27	18.26	18.28	18.20	20	0
10	256QAM	25	25	18.19	18.34	18.27	18.14		
10	256QAM	50	0	18.20	18.28	18.24	18.18		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.27	18.35	18.29	18.24		
5	QPSK	1	12	18.19	18.28	18.22	18.22	20	0
5	QPSK	1	24	18.26	18.26	18.31	18.15		
5	QPSK	12	0	18.22	18.30	18.23	18.15		
5	QPSK	12	7	18.27	18.33	18.23	18.17	20	0
5	QPSK	12	13	18.21	18.29	18.20	18.20		
5	QPSK	25	0	18.26	18.27	18.20	18.22		
5	16QAM	1	0	18.20	18.34	18.23	18.20		
5	16QAM	1	12	18.25	18.34	18.19	18.19	20	0
5	16QAM	1	24	18.17	18.33	18.21	18.25		
5	16QAM	12	0	18.20	18.31	18.31	18.18		
5	16QAM	12	7	18.27	18.32	18.19	18.15	20	0
5	16QAM	12	13	18.18	18.34	18.21	18.21		
5	16QAM	25	0	18.26	18.34	18.20	18.20		
5	64QAM	1	0	18.28	18.32	18.23	18.21		
5	64QAM	1	12	18.28	18.30	18.31	18.19	20	0
5	64QAM	1	24	18.24	18.34	18.30	18.24		
5	64QAM	12	0	18.20	18.26	18.23	18.16		
5	64QAM	12	7	18.22	18.25	18.30	18.19	20	0
5	64QAM	12	13	18.26	18.28	18.25	18.21		
5	64QAM	25	0	18.23	18.32	18.30	18.24		
5	256QAM	1	0	18.17	18.26	18.28	18.21		
5	256QAM	1	12	18.20	18.29	18.21	18.22	20	0
5	256QAM	1	24	18.24	18.31	18.28	18.19		
5	256QAM	12	0	18.17	18.31	18.30	18.16		
5	256QAM	12	7	18.25	18.35	18.21	18.23	20	0
5	256QAM	12	13	18.20	18.36	18.23	18.17		
5	256QAM	25	0	18.20	18.33	18.25	18.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.05	18.10	17.96		
20	QPSK	1	49	17.98	17.96	17.94	19.5	0
20	QPSK	1	99	17.87	18.01	17.86		
20	QPSK	50	0	17.92	18.08	17.88		
20	QPSK	50	24	17.93	17.89	17.83	19.5	0
20	QPSK	50	50	17.83	17.97	17.79		
20	QPSK	100	0	18.02	18.03	17.87		
20	16QAM	1	0	17.93	18.02	17.84		
20	16QAM	1	49	17.90	17.86	17.85	19.5	0
20	16QAM	1	99	17.81	17.87	17.73		
20	16QAM	50	0	17.78	18.01	17.74		
20	16QAM	50	24	17.87	17.81	17.72	19.5	0
20	16QAM	50	50	17.73	17.91	17.76		
20	16QAM	100	0	17.98	17.89	17.76		
20	64QAM	1	0	18.01	18.02	17.85		
20	64QAM	1	49	17.93	17.85	17.85	19.5	0
20	64QAM	1	99	17.85	17.93	17.78		
20	64QAM	50	0	17.85	18.04	17.83		
20	64QAM	50	24	17.89	17.83	17.76	19.5	0
20	64QAM	50	50	17.72	17.93	17.74		
20	64QAM	100	0	17.93	17.97	17.74		
20	256QAM	1	0	17.94	18.03	17.93		
20	256QAM	1	49	17.86	17.92	17.85	19.5	0
20	256QAM	1	99	17.79	17.90	17.78		
20	256QAM	50	0	17.81	17.97	17.86		
20	256QAM	50	24	17.89	17.79	17.73	19.5	0
20	256QAM	50	50	17.73	17.94	17.67		
20	256QAM	100	0	17.96	17.92	17.76		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.03	17.98	17.84		
15	QPSK	1	37	17.93	17.89	17.83	19.5	0
15	QPSK	1	74	17.85	17.94	17.76		
15	QPSK	36	0	17.88	17.95	17.79		
15	QPSK	36	20	17.80	17.85	17.70	19.5	0
15	QPSK	36	39	17.75	17.92	17.73		
15	QPSK	75	0	17.91	18.01	17.81		
15	16QAM	1	0	17.81	17.99	17.81		
15	16QAM	1	37	17.81	17.77	17.75	19.5	0
15	16QAM	1	74	17.72	17.82	17.68		
15	16QAM	36	0	17.70	17.88	17.68		
15	16QAM	36	20	17.84	17.74	17.63	19.5	0
15	16QAM	36	39	17.60	17.83	17.66		
15	16QAM	75	0	17.85	17.76	17.65		
15	64QAM	1	0	17.93	17.95	17.79		
15	64QAM	1	37	17.86	17.74	17.77	19.5	0
15	64QAM	1	74	17.82	17.80	17.64		
15	64QAM	36	0	17.78	18.01	17.70		
15	64QAM	36	20	17.86	17.72	17.66	19.5	0
15	64QAM	36	39	17.62	17.88	17.69		
15	64QAM	75	0	17.87	17.85	17.64		
15	256QAM	1	0	17.87	17.92	17.86		
15	256QAM	1	37	17.76	17.87	17.71	19.5	0
15	256QAM	1	74	17.70	17.77	17.70		
15	256QAM	36	0	17.70	17.87	17.74		
15	256QAM	36	20	17.79	17.76	17.64	19.5	0
15	256QAM	36	39	17.62	17.82	17.59		
15	256QAM	75	0	17.84	17.82	17.63		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.98	18.02	17.92		
10	QPSK	1	25	17.89	17.85	17.81	19.5	0
10	QPSK	1	49	17.81	17.92	17.74		
10	QPSK	25	0	17.90	18.05	17.80		
10	QPSK	25	12	17.86	17.84	17.75	19.5	0
10	QPSK	25	25	17.80	17.88	17.67		
10	QPSK	50	0	17.92	17.99	17.85		
10	16QAM	1	0	17.91	17.98	17.75		
10	16QAM	1	25	17.81	17.77	17.76	19.5	0
10	16QAM	1	49	17.71	17.85	17.65		
10	16QAM	25	0	17.71	17.93	17.61		
10	16QAM	25	12	17.80	17.75	17.70	19.5	0
10	16QAM	25	25	17.68	17.88	17.68		
10	16QAM	50	0	17.94	17.77	17.69		
10	64QAM	1	0	17.93	17.99	17.77		
10	64QAM	1	25	17.88	17.72	17.73	19.5	0
10	64QAM	1	49	17.75	17.84	17.71		
10	64QAM	25	0	17.83	17.99	17.70		
10	64QAM	25	12	17.80	17.73	17.71	19.5	0
10	64QAM	25	25	17.58	17.83	17.70		
10	64QAM	50	0	17.83	17.93	17.61		
10	256QAM	1	0	17.86	17.92	17.83		
10	256QAM	1	25	17.82	17.78	17.77	19.5	0
10	256QAM	1	49	17.75	17.88	17.68		
10	256QAM	25	0	17.67	17.84	17.74		
10	256QAM	25	12	17.78	17.73	17.71	19.5	0
10	256QAM	25	25	17.63	17.81	17.53		
10	256QAM	50	0	17.82	17.84	17.64		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.97	18.05	17.90		
5	QPSK	1	12	17.94	17.93	17.87	19.5	0
5	QPSK	1	24	17.74	17.93	17.76		
5	QPSK	12	0	17.89	17.95	17.79		
5	QPSK	12	7	17.83	17.77	17.78	19.5	0
5	QPSK	12	13	17.72	17.93	17.69		
5	QPSK	25	0	17.96	17.92	17.76		
5	16QAM	1	0	17.84	17.92	17.73		
5	16QAM	1	12	17.81	17.77	17.79	19.5	0
5	16QAM	1	24	17.76	17.85	17.67		
5	16QAM	12	0	17.70	17.94	17.65		
5	16QAM	12	7	17.85	17.75	17.58	19.5	0
5	16QAM	12	13	17.62	17.83	17.64		
5	16QAM	25	0	17.85	17.81	17.64		
5	64QAM	1	0	17.87	17.93	17.83		
5	64QAM	1	12	17.79	17.83	17.82	19.5	0
5	64QAM	1	24	17.71	17.90	17.66		
5	64QAM	12	0	17.79	18.01	17.74		
5	64QAM	12	7	17.82	17.80	17.65	19.5	0
5	64QAM	12	13	17.69	17.81	17.65		
5	64QAM	25	0	17.84	17.85	17.61		
5	256QAM	1	0	17.82	17.94	17.86		
5	256QAM	1	12	17.83	17.82	17.72	19.5	0
5	256QAM	1	24	17.69	17.81	17.72		
5	256QAM	12	0	17.67	17.84	17.82		
5	256QAM	12	7	17.83	17.73	17.63	19.5	0
5	256QAM	12	13	17.66	17.89	17.61		
5	256QAM	25	0	17.93	17.90	17.67		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.45	17.66	17.52	17.56		
20	QPSK	1	49	17.45	17.57	17.38	17.52	19	0
20	QPSK	1	99	17.47	17.59	17.48	17.51		
20	QPSK	50	0	17.32	17.58	17.41	17.46		
20	QPSK	50	24	17.41	17.45	17.32	17.45	19	0
20	QPSK	50	50	17.35	17.56	17.36	17.37		
20	QPSK	100	0	17.36	17.55	17.47	17.48		
20	16QAM	1	0	17.39	17.57	17.42	17.51		
20	16QAM	1	49	17.32	17.51	17.27	17.39	19	0
20	16QAM	1	99	17.36	17.46	17.43	17.47		
20	16QAM	50	0	17.20	17.45	17.28	17.32		
20	16QAM	50	24	17.31	17.36	17.24	17.42	19	0
20	16QAM	50	50	17.32	17.51	17.30	17.28		
20	16QAM	100	0	17.22	17.49	17.42	17.41		
20	64QAM	1	0	17.37	17.61	17.39	17.50		
20	64QAM	1	49	17.42	17.53	17.29	17.49	19	0
20	64QAM	1	99	17.44	17.51	17.45	17.39		
20	64QAM	50	0	17.28	17.52	17.29	17.38		
20	64QAM	50	24	17.33	17.36	17.28	17.33	19	0
20	64QAM	50	50	17.24	17.43	17.28	17.27		
20	64QAM	100	0	17.31	17.52	17.40	17.38		
20	256QAM	1	0	17.33	17.57	17.48	17.52		
20	256QAM	1	49	17.32	17.49	17.36	17.46	19	0
20	256QAM	1	99	17.34	17.48	17.34	17.45		
20	256QAM	50	0	17.29	17.54	17.37	17.40		
20	256QAM	50	24	17.32	17.40	17.19	17.42	19	0
20	256QAM	50	50	17.24	17.42	17.27	17.31		
20	256QAM	100	0	17.29	17.44	17.34	17.44		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.41	17.61	17.47	17.49		
15	QPSK	1	37	17.38	17.55	17.25	17.45	19	0
15	QPSK	1	74	17.39	17.46	17.36	17.41		
15	QPSK	36	0	17.21	17.44	17.39	17.40		
15	QPSK	36	20	17.36	17.32	17.25	17.31	19	0
15	QPSK	36	39	17.28	17.52	17.24	17.25		
15	QPSK	75	0	17.23	17.53	17.41	17.40		
15	16QAM	1	0	17.32	17.44	17.37	17.39		
15	16QAM	1	37	17.18	17.45	17.18	17.26	19	0
15	16QAM	1	74	17.27	17.38	17.39	17.37		
15	16QAM	36	0	17.16	17.35	17.21	17.25		
15	16QAM	36	20	17.22	17.26	17.12	17.35	19	0
15	16QAM	36	39	17.21	17.47	17.23	17.18		
15	16QAM	75	0	17.16	17.41	17.28	17.29		
15	64QAM	1	0	17.25	17.50	17.27	17.46		
15	64QAM	1	37	17.37	17.45	17.26	17.47	19	0
15	64QAM	1	74	17.35	17.38	17.39	17.33		
15	64QAM	36	0	17.19	17.38	17.24	17.32		
15	64QAM	36	20	17.29	17.29	17.15	17.20	19	0
15	64QAM	36	39	17.14	17.35	17.20	17.23		
15	64QAM	75	0	17.20	17.43	17.31	17.27		
15	256QAM	1	0	17.26	17.48	17.40	17.42		
15	256QAM	1	37	17.20	17.36	17.30	17.35	19	0
15	256QAM	1	74	17.32	17.43	17.24	17.41		
15	256QAM	36	0	17.18	17.52	17.27	17.28		
15	256QAM	36	20	17.21	17.30	17.09	17.37	19	0
15	256QAM	36	39	17.11	17.32	17.21	17.29		
15	256QAM	75	0	17.24	17.34	17.28	17.34		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.40	17.56	17.43	17.53		
10	QPSK	1	25	17.42	17.52	17.25	17.39	19	0
10	QPSK	1	49	17.39	17.53	17.38	17.38		
10	QPSK	25	0	17.25	17.53	17.33	17.42		
10	QPSK	25	12	17.30	17.38	17.20	17.42	19	0
10	QPSK	25	25	17.26	17.43	17.23	17.27		
10	QPSK	50	0	17.32	17.44	17.33	17.44		
10	16QAM	1	0	17.36	17.48	17.40	17.40		
10	16QAM	1	25	17.22	17.47	17.17	17.27	19	0
10	16QAM	1	49	17.29	17.40	17.35	17.35		
10	16QAM	25	0	17.11	17.37	17.19	17.23		
10	16QAM	25	12	17.18	17.33	17.18	17.39	19	0
10	16QAM	25	25	17.24	17.42	17.20	17.15		
10	16QAM	50	0	17.16	17.46	17.31	17.34		
10	64QAM	1	0	17.30	17.47	17.37	17.46		
10	64QAM	1	25	17.38	17.49	17.17	17.41	19	0
10	64QAM	1	49	17.40	17.48	17.42	17.25		
10	64QAM	25	0	17.22	17.44	17.23	17.28		
10	64QAM	25	12	17.23	17.33	17.24	17.28	19	0
10	64QAM	25	25	17.22	17.33	17.18	17.24		
10	64QAM	50	0	17.21	17.47	17.36	17.31		
10	256QAM	1	0	17.29	17.45	17.44	17.47		
10	256QAM	1	25	17.19	17.44	17.28	17.33	19	0
10	256QAM	1	49	17.25	17.36	17.22	17.32		
10	256QAM	25	0	17.25	17.46	17.35	17.29		
10	256QAM	25	12	17.18	17.35	17.14	17.31	19	0
10	256QAM	25	25	17.11	17.35	17.17	17.27		
10	256QAM	50	0	17.23	17.36	17.23	17.34		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.40	17.59	17.41	17.52		
5	QPSK	1	12	17.35	17.55	17.27	17.40	19	0
5	QPSK	1	24	17.35	17.46	17.39	17.40		
5	QPSK	12	0	17.22	17.55	17.37	17.34		
5	QPSK	12	7	17.28	17.40	17.29	17.37	19	0
5	QPSK	12	13	17.32	17.47	17.32	17.26		
5	QPSK	25	0	17.23	17.50	17.44	17.42		
5	16QAM	1	0	17.26	17.50	17.40	17.39		
5	16QAM	1	12	17.26	17.45	17.14	17.28	19	0
5	16QAM	1	24	17.28	17.39	17.40	17.41		
5	16QAM	12	0	17.15	17.37	17.23	17.25		
5	16QAM	12	7	17.28	17.29	17.21	17.29	19	0
5	16QAM	12	13	17.19	17.39	17.22	17.19		
5	16QAM	25	0	17.11	17.44	17.36	17.31		
5	64QAM	1	0	17.27	17.54	17.31	17.46		
5	64QAM	1	12	17.39	17.48	17.24	17.45	19	0
5	64QAM	1	24	17.32	17.43	17.42	17.28		
5	64QAM	12	0	17.24	17.43	17.18	17.27		
5	64QAM	12	7	17.24	17.27	17.18	17.20	19	0
5	64QAM	12	13	17.19	17.37	17.16	17.24		
5	64QAM	25	0	17.27	17.45	17.27	17.34		
5	256QAM	1	0	17.29	17.53	17.43	17.39		
5	256QAM	1	12	17.19	17.37	17.29	17.32	19	0
5	256QAM	1	24	17.20	17.37	17.22	17.32		
5	256QAM	12	0	17.16	17.48	17.29	17.31		
5	256QAM	12	7	17.26	17.36	17.09	17.31	19	0
5	256QAM	12	13	17.12	17.32	17.18	17.25		
5	256QAM	25	0	17.26	17.37	17.20	17.40		

Full & Default Power Mode_Other PA

Band 2 other PA Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.20	24.25	24.18	25.5	0
20	QPSK	1	49	24.12	24.21	24.12		
20	QPSK	1	99	24.11	24.19	24.16		
20	QPSK	50	0	23.26	23.29	23.21	24.5	1
20	QPSK	50	24	23.11	23.16	23.15		
20	QPSK	50	50	23.16	23.21	23.15		
20	QPSK	100	0	23.18	23.28	23.19		
20	16QAM	1	0	23.22	23.27	23.13	24.5	1
20	16QAM	1	49	23.09	23.17	23.11		
20	16QAM	1	99	23.07	23.15	23.19		
20	16QAM	50	0	22.22	22.28	22.24	23.5	2
20	16QAM	50	24	22.05	22.16	22.10		
20	16QAM	50	50	22.15	22.21	22.11		
20	16QAM	100	0	22.23	22.26	22.24		
20	64QAM	1	0	22.27	22.32	22.10	23.5	2
20	64QAM	1	49	22.17	22.16	22.14		
20	64QAM	1	99	22.05	22.15	22.17		
20	64QAM	50	0	21.21	21.35	21.25	22.5	3
20	64QAM	50	24	21.11	21.17	21.13		
20	64QAM	50	50	21.18	21.23	21.12		
20	64QAM	100	0	21.19	21.25	21.23		
20	256QAM	1	0	19.29	19.26	19.21	20.5	5
20	256QAM	1	49	19.15	19.20	19.11		
20	256QAM	1	99	19.18	19.18	19.20		
20	256QAM	50	0	19.16	19.23	19.24	20.5	5
20	256QAM	50	24	19.20	19.30	19.18		
20	256QAM	50	50	19.11	19.11	19.15		
20	256QAM	100	0	19.02	19.13	19.14		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.07	24.15	24.09	25.5	0
15	QPSK	1	37	24.01	24.16	24.08		
15	QPSK	1	74	24.04	24.08	24.04		
15	QPSK	36	0	23.17	23.17	23.09	24.5	1
15	QPSK	36	20	23.05	23.13	23.11		
15	QPSK	36	39	23.09	23.09	23.08		
15	QPSK	75	0	23.14	23.20	23.07		
15	16QAM	1	0	23.11	23.23	23.03	24.5	1
15	16QAM	1	37	23.01	23.08	22.99		
15	16QAM	1	74	23.01	23.04	23.10		
15	16QAM	36	0	22.09	22.17	22.19	23.5	2
15	16QAM	36	20	21.96	22.07	21.96		
15	16QAM	36	39	22.12	22.15	22.01		
15	16QAM	75	0	22.15	22.14	22.12		
15	64QAM	1	0	22.21	22.23	22.07	23.5	2
15	64QAM	1	37	22.01	22.12	22.02		
15	64QAM	1	74	21.92	22.11	22.13		
15	64QAM	36	0	21.13	21.31	21.17	22.5	3
15	64QAM	36	20	21.04	21.06	21.01		
15	64QAM	36	39	21.09	21.17	21.05		
15	64QAM	75	0	21.13	21.14	21.14		
15	256QAM	1	0	19.20	19.12	19.15	20.5	5
15	256QAM	1	37	19.07	19.13	19.09		
15	256QAM	1	74	19.07	19.07	19.09		
15	256QAM	36	0	19.09	19.15	19.10	20.5	5
15	256QAM	36	20	19.07	19.17	19.09		
15	256QAM	36	39	19.09	19.00	19.07		
15	256QAM	75	0	18.99	19.07	19.01		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.08	24.16	24.06	25.5	0
10	QPSK	1	25	24.02	24.17	24.04		
10	QPSK	1	49	24.00	24.14	24.13		
10	QPSK	25	0	23.17	23.18	23.16	24.5	1
10	QPSK	25	12	23.03	23.10	23.05		
10	QPSK	25	25	23.09	23.17	23.10		
10	QPSK	50	0	23.11	23.14	23.14		
10	16QAM	1	0	23.09	23.18	23.04	24.5	1
10	16QAM	1	25	22.95	23.11	23.00		
10	16QAM	1	49	23.04	23.10	23.12		
10	16QAM	25	0	22.15	22.14	22.19	23.5	2
10	16QAM	25	12	21.96	22.04	22.05		
10	16QAM	25	25	22.10	22.14	22.01		
10	16QAM	50	0	22.14	22.22	22.19		
10	64QAM	1	0	22.22	22.24	21.98	23.5	2
10	64QAM	1	25	22.09	22.09	22.07		
10	64QAM	1	49	21.92	22.11	22.04		
10	64QAM	25	0	21.19	21.32	21.22	22.5	3
10	64QAM	25	12	21.09	21.04	21.05		
10	64QAM	25	25	21.06	21.12	21.04		
10	64QAM	50	0	21.14	21.22	21.15		
10	256QAM	1	0	19.23	19.16	19.15	20.5	5
10	256QAM	1	25	19.05	19.08	19.08		
10	256QAM	1	49	19.09	19.15	19.13		
10	256QAM	25	0	19.07	19.12	19.11	20.5	5
10	256QAM	25	12	19.13	19.16	19.06		
10	256QAM	25	25	18.99	19.00	19.04		
10	256QAM	50	0	18.92	19.03	19.03		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.10	24.13	24.12	25.5	0
5	QPSK	1	12	23.99	24.12	24.10		
5	QPSK	1	24	24.03	24.15	24.03		
5	QPSK	12	0	23.23	23.15	23.13	24.5	1
5	QPSK	12	7	23.02	23.04	23.03		
5	QPSK	12	13	23.04	23.16	23.11		
5	QPSK	25	0	23.06	23.17	23.15		
5	16QAM	1	0	23.18	23.23	23.06	24.5	1
5	16QAM	1	12	22.97	23.11	23.05		
5	16QAM	1	24	23.02	23.07	23.12		
5	16QAM	12	0	22.15	22.22	22.19	23.5	2
5	16QAM	12	7	21.92	22.08	21.97		
5	16QAM	12	13	22.02	22.14	22.06		
5	16QAM	25	0	22.11	22.21	22.21		
5	64QAM	1	0	22.16	22.27	21.96	23.5	2
5	64QAM	1	12	21.98	22.14	22.05		
5	64QAM	1	24	22.02	22.06	22.14		
5	64QAM	12	0	21.09	21.32	21.16	22.5	3
5	64QAM	12	7	21.05	21.09	21.06		
5	64QAM	12	13	21.05	21.12	21.09		
5	64QAM	25	0	21.14	21.13	21.14		
5	256QAM	1	0	19.16	19.20	19.15	20.5	5
5	256QAM	1	12	19.04	19.08	19.01		
5	256QAM	1	24	19.13	19.12	19.17		
5	256QAM	12	0	19.05	19.21	19.13	20.5	5
5	256QAM	12	7	19.07	19.22	19.05		
5	256QAM	12	13	19.05	18.99	19.05		
5	256QAM	25	0	18.93	19.09	19.00		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.18	24.16	24.08	25.5	0
3	QPSK	1	8	24.02	24.10	24.08		
3	QPSK	1	14	24.03	24.12	24.09		
3	QPSK	8	0	23.23	23.15	23.15	24.5	1
3	QPSK	8	4	23.04	23.04	23.05		
3	QPSK	8	7	23.07	23.13	23.12		
3	QPSK	15	0	23.04	23.21	23.13		
3	16QAM	1	0	23.18	23.14	23.07	24.5	1
3	16QAM	1	8	23.00	23.09	23.00		
3	16QAM	1	14	22.98	23.04	23.13		
3	16QAM	8	0	22.10	22.24	22.14	23.5	2
3	16QAM	8	4	21.96	22.03	22.01		
3	16QAM	8	7	22.07	22.09	22.04		
3	16QAM	15	0	22.15	22.22	22.14		
3	64QAM	1	0	22.19	22.27	22.07	23.5	2
3	64QAM	1	8	22.07	22.07	22.06		
3	64QAM	1	14	21.95	22.04	22.03		
3	64QAM	8	0	21.16	21.26	21.23	22.5	3
3	64QAM	8	4	21.03	21.10	20.99		
3	64QAM	8	7	21.10	21.17	21.07		
3	64QAM	15	0	21.17	21.19	21.14		
3	256QAM	1	0	19.17	19.13	19.15	20.5	5
3	256QAM	1	8	19.09	19.14	19.02		
3	256QAM	1	14	19.09	19.15	19.11		
3	256QAM	8	0	19.09	19.09	19.21	20.5	5
3	256QAM	8	4	19.09	19.16	19.10		
3	256QAM	8	7	19.08	19.04	19.07		
3	256QAM	15	0	18.88	19.02	19.09		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.13	24.15	24.08	25.5	0
1.4	QPSK	1	3	23.99	24.12	24.07		
1.4	QPSK	1	5	24.03	24.16	24.07		
1.4	QPSK	3	0	24.09	24.02	24.00		
1.4	QPSK	3	1	23.95	24.05	23.94		
1.4	QPSK	3	3	23.90	24.03	24.03		
1.4	QPSK	6	0	23.06	23.21	23.13	24.5	1
1.4	16QAM	1	0	23.13	23.15	23.06	24.5	1
1.4	16QAM	1	3	23.05	23.14	23.04		
1.4	16QAM	1	5	23.03	23.07	23.07		
1.4	16QAM	3	0	22.96	23.16	23.06		
1.4	16QAM	3	1	23.07	23.09	22.96		
1.4	16QAM	3	3	22.94	23.09	22.99		
1.4	16QAM	6	0	22.13	22.22	22.13	23.5	2
1.4	64QAM	1	0	22.23	22.26	21.98	23.5	2
1.4	64QAM	1	3	22.04	22.06	22.03		
1.4	64QAM	1	5	22.01	22.13	22.13		
1.4	64QAM	3	0	22.10	22.19	22.07		
1.4	64QAM	3	1	22.17	22.19	21.92		
1.4	64QAM	3	3	21.99	21.98	21.97		
1.4	64QAM	6	0	21.07	21.15	21.15	22.5	3
1.4	256QAM	1	0	19.18	19.20	19.11	20.5	5
1.4	256QAM	1	3	19.05	19.11	19.06		
1.4	256QAM	1	5	19.13	19.07	19.11		
1.4	256QAM	3	0	19.14	19.17	19.17		
1.4	256QAM	3	1	19.14	19.21	19.06		
1.4	256QAM	3	3	18.98	19.00	19.03		
1.4	256QAM	6	0	18.97	19.09	19.04	20.5	5

Band 7 other PA Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.18	24.21	24.15	25	0
20	QPSK	1	49	24.12	24.18	24.05		
20	QPSK	1	99	24.06	24.16	24.11		
20	QPSK	50	0	23.17	23.27	23.13	24	1
20	QPSK	50	24	23.08	23.23	23.08		
20	QPSK	50	50	23.04	23.18	23.09		
20	QPSK	100	0	23.21	23.22	23.10		
20	16QAM	1	0	23.19	23.20	23.19	24	1
20	16QAM	1	49	23.13	23.16	23.00		
20	16QAM	1	99	23.07	23.17	23.17		
20	16QAM	50	0	22.21	22.26	22.14	23	2
20	16QAM	50	24	22.04	22.24	22.04		
20	16QAM	50	50	22.08	22.22	22.12		
20	16QAM	100	0	22.20	22.24	22.13		
20	64QAM	1	0	22.17	22.26	22.25	23	2
20	64QAM	1	49	22.18	22.21	22.00		
20	64QAM	1	99	22.10	22.19	22.17		
20	64QAM	50	0	21.14	21.23	21.10	22	3
20	64QAM	50	24	21.11	21.19	21.08		
20	64QAM	50	50	21.03	21.17	21.12		
20	64QAM	100	0	21.19	21.25	21.12		
20	256QAM	1	0	19.23	19.22	19.16	20	5
20	256QAM	1	49	19.04	19.17	19.07		
20	256QAM	1	99	19.08	19.19	19.15		
20	256QAM	50	0	19.16	19.19	19.07	20	5
20	256QAM	50	24	19.14	19.18	19.13		
20	256QAM	50	50	19.17	19.15	19.06		
20	256QAM	100	0	19.11	19.14	19.18		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.14	24.12	24.08	25	0
15	QPSK	1	37	24.03	24.15	23.91		
15	QPSK	1	74	23.98	24.03	23.99		
15	QPSK	36	0	23.07	23.20	23.03	24	1
15	QPSK	36	20	23.00	23.20	23.02		
15	QPSK	36	39	22.99	23.08	23.01		
15	QPSK	75	0	23.17	23.12	22.98		
15	16QAM	1	0	23.07	23.14	23.05	24	1
15	16QAM	1	37	23.08	23.12	22.93		
15	16QAM	1	74	23.00	23.06	23.06		
15	16QAM	36	0	22.19	22.14	22.11	23	2
15	16QAM	36	20	21.94	22.13	21.92		
15	16QAM	36	39	21.99	22.14	22.05		
15	16QAM	75	0	22.13	22.14	22.04		
15	64QAM	1	0	22.03	22.20	22.16	23	2
15	64QAM	1	37	22.13	22.07	21.97		
15	64QAM	1	74	22.06	22.07	22.08		
15	64QAM	36	0	21.08	21.14	20.96	22	3
15	64QAM	36	20	21.04	21.12	21.02		
15	64QAM	36	39	20.99	21.07	21.02		
15	64QAM	75	0	21.16	21.21	21.03		
15	256QAM	1	0	19.12	19.12	19.12	20	5
15	256QAM	1	37	18.94	19.12	18.96		
15	256QAM	1	74	19.03	19.10	19.08		
15	256QAM	36	0	19.07	19.14	18.95	20	5
15	256QAM	36	20	19.07	19.07	19.08		
15	256QAM	36	39	19.09	19.08	18.99		
15	256QAM	75	0	19.06	19.04	19.14		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.12	24.13	24.06	25	0
10	QPSK	1	25	24.01	24.12	23.93		
10	QPSK	1	49	23.93	24.12	23.98		
10	QPSK	25	0	23.11	23.17	23.05	24	1
10	QPSK	25	12	23.00	23.18	22.95		
10	QPSK	25	25	23.01	23.11	23.04		
10	QPSK	50	0	23.13	23.20	23.05		
10	16QAM	1	0	23.12	23.17	23.06	24	1
10	16QAM	1	25	23.05	23.08	22.96		
10	16QAM	1	49	22.93	23.05	23.04		
10	16QAM	25	0	22.14	22.13	22.06	23	2
10	16QAM	25	12	21.91	22.12	21.97		
10	16QAM	25	25	21.96	22.13	21.98		
10	16QAM	50	0	22.15	22.18	22.02		
10	64QAM	1	0	22.15	22.23	22.21	23	2
10	64QAM	1	25	22.09	22.11	21.92		
10	64QAM	1	49	22.06	22.14	22.08		
10	64QAM	25	0	21.10	21.20	21.02	22	3
10	64QAM	25	12	21.03	21.16	20.97		
10	64QAM	25	25	20.94	21.06	21.09		
10	64QAM	50	0	21.05	21.15	21.01		
10	256QAM	1	0	19.21	19.10	19.07	20	5
10	256QAM	1	25	18.92	19.06	18.99		
10	256QAM	1	49	19.06	19.13	19.05		
10	256QAM	25	0	19.14	19.05	19.04	20	5
10	256QAM	25	12	19.04	19.09	19.08		
10	256QAM	25	25	19.07	19.12	18.99		
10	256QAM	50	0	18.98	19.07	19.04		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.07	24.08	24.13	25	0
5	QPSK	1	12	24.03	24.14	23.97		
5	QPSK	1	24	23.99	24.09	23.98		
5	QPSK	12	0	23.06	23.25	23.10	24	1
5	QPSK	12	7	22.99	23.16	23.01		
5	QPSK	12	13	22.97	23.10	23.02		
5	QPSK	25	0	23.18	23.11	23.02		
5	16QAM	1	0	23.10	23.11	23.07	24	1
5	16QAM	1	12	23.10	23.03	22.96		
5	16QAM	1	24	23.00	23.11	23.08		
5	16QAM	12	0	22.12	22.14	22.09	23	2
5	16QAM	12	7	21.97	22.16	21.92		
5	16QAM	12	13	22.01	22.14	22.08		
5	16QAM	25	0	22.09	22.20	22.08		
5	64QAM	1	0	22.05	22.15	22.16	23	2
5	64QAM	1	12	22.12	22.08	21.91		
5	64QAM	1	24	22.07	22.14	22.13		
5	64QAM	12	0	21.11	21.03	21.03	22	3
5	64QAM	12	7	21.06	21.09	20.99		
5	64QAM	12	13	21.00	21.11	21.08		
5	64QAM	25	0	21.07	21.15	20.98		
5	256QAM	1	0	19.13	19.11	19.02	20	5
5	256QAM	1	12	18.99	19.03	19.00		
5	256QAM	1	24	18.97	19.07	19.12		
5	256QAM	12	0	19.12	19.11	18.99	20	5
5	256QAM	12	7	19.12	19.06	19.02		
5	256QAM	12	13	19.07	19.12	18.96		
5	256QAM	25	0	19.03	19.00	19.11		

Band 7 other PA Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.31	22.36	22.28	23	0
20	QPSK	1	49	22.18	22.33	22.21		
20	QPSK	1	99	22.25	22.31	22.19		
20	QPSK	50	0	21.32	21.41	21.22	22	1
20	QPSK	50	24	21.21	21.29	21.24		
20	QPSK	50	50	21.26	21.27	21.15		
20	QPSK	100	0	21.27	21.36	21.30		
20	16QAM	1	0	21.29	21.34	21.27	22	1
20	16QAM	1	49	21.19	21.28	21.18		
20	16QAM	1	99	21.26	21.32	21.23		
20	16QAM	50	0	20.30	20.37	20.16	21	2
20	16QAM	50	24	20.15	20.31	20.22		
20	16QAM	50	50	20.29	20.21	20.21		
20	16QAM	100	0	20.31	20.32	20.34		
20	64QAM	1	0	20.32	20.39	20.30	21	2
20	64QAM	1	49	20.21	20.33	20.16		
20	64QAM	1	99	20.32	20.32	20.22		
20	64QAM	50	0	19.34	19.44	19.24	20	3
20	64QAM	50	24	19.22	19.29	19.25		
20	64QAM	50	50	19.31	19.21	19.09		
20	64QAM	100	0	19.31	19.42	19.30		
20	256QAM	1	0	17.29	17.36	17.21	18	5
20	256QAM	1	49	17.27	17.31	17.22		
20	256QAM	1	99	17.29	17.25	17.16		
20	256QAM	50	0	17.26	17.33	17.31	18	5
20	256QAM	50	24	17.32	17.32	17.23		
20	256QAM	50	50	17.23	17.28	17.22		
20	256QAM	100	0	17.24	17.30	17.20		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.20	22.28	22.15	23	0
15	QPSK	1	37	22.10	22.26	22.19		
15	QPSK	1	74	22.14	22.27	22.12		
15	QPSK	36	0	21.19	21.28	21.18	22	1
15	QPSK	36	20	21.14	21.17	21.15		
15	QPSK	36	39	21.16	21.17	21.08		
15	QPSK	75	0	21.16	21.30	21.16		
15	16QAM	1	0	21.25	21.23	21.22	22	1
15	16QAM	1	37	21.15	21.23	21.07		
15	16QAM	1	74	21.16	21.20	21.15		
15	16QAM	36	0	20.24	20.24	20.13	21	2
15	16QAM	36	20	20.02	20.21	20.09		
15	16QAM	36	39	20.24	20.17	20.16		
15	16QAM	75	0	20.21	20.28	20.29		
15	64QAM	1	0	20.20	20.36	20.26	21	2
15	64QAM	1	37	20.10	20.29	20.06		
15	64QAM	1	74	20.30	20.24	20.19		
15	64QAM	36	0	19.28	19.31	19.18	20	3
15	64QAM	36	20	19.10	19.21	19.21		
15	64QAM	36	39	19.21	19.10	19.02		
15	64QAM	75	0	19.23	19.31	19.18		
15	256QAM	1	0	17.17	17.33	17.09	18	5
15	256QAM	1	37	17.16	17.26	17.13		
15	256QAM	1	74	17.17	17.14	17.10		
15	256QAM	36	0	17.23	17.27	17.27	18	5
15	256QAM	36	20	17.25	17.18	17.19		
15	256QAM	36	39	17.15	17.23	17.09		
15	256QAM	75	0	17.15	17.25	17.14		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.19	22.32	22.18	23	0
10	QPSK	1	25	22.11	22.21	22.09		
10	QPSK	1	49	22.16	22.27	22.17		
10	QPSK	25	0	21.20	21.32	21.19	22	1
10	QPSK	25	12	21.14	21.24	21.14		
10	QPSK	25	25	21.19	21.17	21.04		
10	QPSK	50	0	21.17	21.29	21.24		
10	16QAM	1	0	21.16	21.29	21.24	22	1
10	16QAM	1	25	21.12	21.19	21.09		
10	16QAM	1	49	21.23	21.29	21.12		
10	16QAM	25	0	20.25	20.27	20.06	21	2
10	16QAM	25	12	20.10	20.22	20.09		
10	16QAM	25	25	20.26	20.14	20.09		
10	16QAM	50	0	20.23	20.19	20.28		
10	64QAM	1	0	20.21	20.35	20.21	21	2
10	64QAM	1	25	20.13	20.25	20.02		
10	64QAM	1	49	20.19	20.19	20.15		
10	64QAM	25	0	19.32	19.32	19.12	20	3
10	64QAM	25	12	19.10	19.19	19.19		
10	64QAM	25	25	19.21	19.16	19.05		
10	64QAM	50	0	19.19	19.39	19.17		
10	256QAM	1	0	17.26	17.34	17.19	18	5
10	256QAM	1	25	17.18	17.19	17.15		
10	256QAM	1	49	17.17	17.21	17.02		
10	256QAM	25	0	17.16	17.25	17.24	18	5
10	256QAM	25	12	17.19	17.20	17.13		
10	256QAM	25	25	17.16	17.18	17.13		
10	256QAM	50	0	17.20	17.19	17.15		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.20	22.30	22.19	23	0
5	QPSK	1	12	22.13	22.29	22.16		
5	QPSK	1	24	22.12	22.22	22.17		
5	QPSK	12	0	21.20	21.32	21.11	22	1
5	QPSK	12	7	21.09	21.18	21.13		
5	QPSK	12	13	21.13	21.23	21.12		
5	QPSK	25	0	21.21	21.24	21.18		
5	16QAM	1	0	21.24	21.28	21.22	22	1
5	16QAM	1	12	21.10	21.18	21.10		
5	16QAM	1	24	21.14	21.25	21.21		
5	16QAM	12	0	20.19	20.34	20.06	21	2
5	16QAM	12	7	20.07	20.22	20.13		
5	16QAM	12	13	20.20	20.14	20.16		
5	16QAM	25	0	20.24	20.21	20.29		
5	64QAM	1	0	20.27	20.35	20.19	21	2
5	64QAM	1	12	20.12	20.28	20.03		
5	64QAM	1	24	20.19	20.29	20.10		
5	64QAM	12	0	19.31	19.30	19.13	20	3
5	64QAM	12	7	19.19	19.19	19.18		
5	64QAM	12	13	19.20	19.13	19.04		
5	64QAM	25	0	19.18	19.35	19.24		
5	256QAM	1	0	17.23	17.23	17.16	18	5
5	256QAM	1	12	17.23	17.29	17.12		
5	256QAM	1	24	17.24	17.13	17.12		
5	256QAM	12	0	17.18	17.27	17.24	18	5
5	256QAM	12	7	17.22	17.26	17.11		
5	256QAM	12	13	17.13	17.23	17.11		
5	256QAM	25	0	17.15	17.26	17.12		

Band 2 other PA Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.13	24.17	24.10	25	0
20	QPSK	1	49	24.02	24.13	24.06		
20	QPSK	1	99	24.09	24.11	23.96		
20	QPSK	50	0	23.09	23.19	23.13	24	1
20	QPSK	50	24	22.99	23.18	23.01		
20	QPSK	50	50	23.07	23.12	22.96		
20	QPSK	100	0	23.07	23.18	23.13		
20	16QAM	1	0	23.13	23.12	23.11	24	1
20	16QAM	1	49	23.06	23.18	23.06		
20	16QAM	1	99	23.04	23.10	22.99		
20	16QAM	50	0	22.05	22.15	22.14	23	2
20	16QAM	50	24	21.96	22.18	22.02		
20	16QAM	50	50	22.09	22.17	21.96		
20	16QAM	100	0	22.12	22.20	22.15		
20	64QAM	1	0	22.10	22.07	22.06	23	2
20	64QAM	1	49	22.00	22.20	22.00		
20	64QAM	1	99	22.01	22.15	21.96		
20	64QAM	50	0	21.04	21.20	21.08	22	3
20	64QAM	50	24	21.03	21.23	21.04		
20	64QAM	50	50	21.03	21.17	20.96		
20	64QAM	100	0	21.07	21.23	21.07		
20	256QAM	1	0	19.07	19.16	19.16	20	5
20	256QAM	1	49	18.99	19.20	19.03		
20	256QAM	1	99	19.03	19.16	18.91		
20	256QAM	50	0	19.11	19.12	19.10	20	5
20	256QAM	50	24	19.10	19.08	19.09		
20	256QAM	50	50	19.07	19.23	19.11		
20	256QAM	100	0	19.09	19.07	19.01		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.03	24.07	24.01	25	0
15	QPSK	1	37	23.92	24.03	24.01		
15	QPSK	1	74	23.97	24.04	23.85		
15	QPSK	36	0	23.02	23.16	23.04	24	1
15	QPSK	36	20	22.92	23.05	22.96		
15	QPSK	36	39	22.99	23.08	22.83		
15	QPSK	75	0	22.96	23.06	23.10		
15	16QAM	1	0	23.10	23.02	23.09	24	1
15	16QAM	1	37	22.99	23.14	22.96		
15	16QAM	1	74	22.93	23.01	22.95		
15	16QAM	36	0	21.99	22.02	22.03	23	2
15	16QAM	36	20	21.85	22.12	21.91		
15	16QAM	36	39	21.95	22.13	21.94		
15	16QAM	75	0	21.99	22.17	22.11		
15	64QAM	1	0	22.04	21.97	21.93	23	2
15	64QAM	1	37	21.92	22.14	21.88		
15	64QAM	1	74	21.88	22.12	21.93		
15	64QAM	36	0	20.96	21.10	20.96	22	3
15	64QAM	36	20	20.96	21.13	20.93		
15	64QAM	36	39	20.98	21.08	20.88		
15	64QAM	75	0	21.00	21.14	20.97		
15	256QAM	1	0	18.94	19.07	19.10	20	5
15	256QAM	1	37	18.90	19.08	18.89		
15	256QAM	1	74	18.97	19.07	18.84		
15	256QAM	36	0	18.99	19.02	19.00	20	5
15	256QAM	36	20	19.00	18.95	18.98		
15	256QAM	36	39	19.02	19.17	18.97		
15	256QAM	75	0	19.06	18.93	18.93		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.09	24.03	24.05	25	0
10	QPSK	1	25	23.98	24.08	24.00		
10	QPSK	1	49	23.95	24.00	23.88		
10	QPSK	25	0	23.04	23.17	23.06	24	1
10	QPSK	25	12	22.93	23.06	22.95		
10	QPSK	25	25	22.95	23.00	22.91		
10	QPSK	50	0	22.99	23.12	23.07		
10	16QAM	1	0	23.01	22.98	22.99	24	1
10	16QAM	1	25	23.01	23.05	23.01		
10	16QAM	1	49	22.93	23.00	22.93		
10	16QAM	25	0	22.00	22.11	22.01	23	2
10	16QAM	25	12	21.86	22.10	21.89		
10	16QAM	25	25	22.03	22.12	21.94		
10	16QAM	50	0	22.04	22.08	22.04		
10	64QAM	1	0	22.08	21.97	21.94	23	2
10	64QAM	1	25	21.92	22.18	21.94		
10	64QAM	1	49	21.90	22.04	21.87		
10	64QAM	25	0	20.91	21.07	20.94	22	3
10	64QAM	25	12	20.99	21.10	20.98		
10	64QAM	25	25	20.91	21.11	20.91		
10	64QAM	50	0	20.97	21.16	20.96		
10	256QAM	1	0	18.98	19.08	19.04	20	5
10	256QAM	1	25	18.92	19.16	18.95		
10	256QAM	1	49	18.98	19.11	18.78		
10	256QAM	25	0	19.00	19.06	18.97	20	5
10	256QAM	25	12	18.96	19.01	19.05		
10	256QAM	25	25	19.05	19.14	19.03		
10	256QAM	50	0	18.99	19.01	18.98		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.01	24.06	24.04	25	0
5	QPSK	1	12	23.92	24.05	23.95		
5	QPSK	1	24	24.04	24.06	23.94		
5	QPSK	12	0	23.00	23.11	23.03	24	1
5	QPSK	12	7	22.96	23.09	22.89		
5	QPSK	12	13	23.01	23.01	22.86		
5	QPSK	25	0	22.96	23.14	23.02		
5	16QAM	1	0	23.01	23.08	23.03	24	1
5	16QAM	1	12	23.04	23.05	23.01		
5	16QAM	1	24	22.92	23.03	22.97		
5	16QAM	12	0	21.94	22.06	22.06	23	2
5	16QAM	12	7	21.85	22.09	21.95		
5	16QAM	12	13	22.02	22.14	21.90		
5	16QAM	25	0	22.10	22.16	22.03		
5	64QAM	1	0	22.06	21.98	22.01	23	2
5	64QAM	1	12	21.94	22.06	21.88		
5	64QAM	1	24	21.96	22.12	21.90		
5	64QAM	12	0	20.97	21.15	21.01	22	3
5	64QAM	12	7	20.92	21.17	20.99		
5	64QAM	12	13	20.90	21.06	20.90		
5	64QAM	25	0	21.02	21.20	21.03		
5	256QAM	1	0	19.05	19.09	19.05	20	5
5	256QAM	1	12	18.92	19.13	18.90		
5	256QAM	1	24	18.96	19.09	18.85		
5	256QAM	12	0	19.08	18.99	18.97	20	5
5	256QAM	12	7	19.03	19.01	19.02		
5	256QAM	12	13	18.94	19.13	19.00		
5	256QAM	25	0	18.97	19.02	18.88		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.07	24.11	24.01	25	0
3	QPSK	1	8	23.99	24.05	23.96		
3	QPSK	1	14	24.06	24.03	23.89		
3	QPSK	8	0	23.02	23.09	23.10	24	1
3	QPSK	8	4	22.90	23.12	22.94		
3	QPSK	8	7	22.97	23.09	22.94		
3	QPSK	15	0	23.02	23.12	23.08		
3	16QAM	1	0	23.11	23.06	23.08	24	1
3	16QAM	1	8	22.94	23.05	23.02		
3	16QAM	1	14	22.90	22.96	22.96		
3	16QAM	8	0	22.00	22.02	22.03	23	2
3	16QAM	8	4	21.93	22.04	21.89		
3	16QAM	8	7	21.97	22.04	21.84		
3	16QAM	15	0	22.02	22.14	22.08		
3	64QAM	1	0	21.98	21.94	21.95	23	2
3	64QAM	1	8	21.89	22.16	21.86		
3	64QAM	1	14	21.95	22.10	21.83		
3	64QAM	8	0	20.97	21.16	20.96	22	3
3	64QAM	8	4	20.96	21.12	20.98		
3	64QAM	8	7	21.00	21.13	20.92		
3	64QAM	15	0	20.96	21.14	20.93		
3	256QAM	1	0	19.05	19.07	19.04	20	5
3	256QAM	1	8	18.96	19.16	18.94		
3	256QAM	1	14	19.00	19.07	18.84		
3	256QAM	8	0	19.02	19.05	18.97	20	5
3	256QAM	8	4	19.03	18.98	19.04		
3	256QAM	8	7	19.00	19.13	19.06		
3	256QAM	15	0	18.96	18.97	18.93		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.02	24.14	24.06	25	0
1.4	QPSK	1	3	23.95	24.04	24.02		
1.4	QPSK	1	5	23.96	23.99	23.86		
1.4	QPSK	3	0	23.92	24.08	24.01		
1.4	QPSK	3	1	23.90	23.94	23.98		
1.4	QPSK	3	3	23.91	23.92	23.80		
1.4	QPSK	6	0	23.00	23.14	23.01	24	1
1.4	16QAM	1	0	23.00	22.99	22.97	24	1
1.4	16QAM	1	3	22.99	23.14	22.97		
1.4	16QAM	1	5	22.91	22.97	22.97		
1.4	16QAM	3	0	22.98	23.06	22.91		
1.4	16QAM	3	1	22.86	22.87	22.87		
1.4	16QAM	3	3	22.87	23.00	22.90		
1.4	16QAM	6	0	22.08	22.17	22.04	23	2
1.4	64QAM	1	0	21.96	22.05	21.94	23	2
1.4	64QAM	1	3	21.94	22.14	21.87		
1.4	64QAM	1	5	21.96	22.03	21.94		
1.4	64QAM	3	0	21.98	22.06	21.95		
1.4	64QAM	3	1	21.83	21.93	21.85		
1.4	64QAM	3	3	21.90	22.11	21.85		
1.4	64QAM	6	0	20.96	21.19	21.04	22	3
1.4	256QAM	1	0	18.99	19.02	19.08	20	5
1.4	256QAM	1	3	18.94	19.08	19.00		
1.4	256QAM	1	5	18.97	19.11	18.79		
1.4	256QAM	3	0	19.07	19.02	19.08		
1.4	256QAM	3	1	19.06	18.97	18.98		
1.4	256QAM	3	3	18.98	19.16	19.08		
1.4	256QAM	6	0	19.00	18.94	18.91	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.10	24.16	24.08	24.5	0
20	QPSK	1	49	24.05	24.10	24.03		
20	QPSK	1	99	24.04	24.09	24.01		
20	QPSK	50	0	23.07	23.16	23.12	23.5	1
20	QPSK	50	24	23.05	23.06	23.06		
20	QPSK	50	50	23.07	23.04	23.02		
20	QPSK	100	0	23.04	23.12	23.12		
20	16QAM	1	0	23.14	23.11	23.10	23.5	1
20	16QAM	1	49	23.05	23.14	22.97		
20	16QAM	1	99	23.02	23.14	23.07		
20	16QAM	50	0	22.08	22.21	22.08	22.5	2
20	16QAM	50	24	21.99	22.01	22.04		
20	16QAM	50	50	22.11	22.03	22.06		
20	16QAM	100	0	22.06	22.11	22.08		
20	64QAM	1	0	22.10	22.12	22.09	22.5	2
20	64QAM	1	49	22.08	22.20	21.92		
20	64QAM	1	99	21.96	22.17	22.04		
20	64QAM	50	0	21.11	21.18	21.07	21.5	3
20	64QAM	50	24	21.07	21.02	21.07		
20	64QAM	50	50	21.04	21.00	21.07		
20	64QAM	100	0	21.03	21.13	21.17		
20	256QAM	1	0	19.11	19.15	19.06	19.5	5
20	256QAM	1	49	19.05	19.03	19.12		
20	256QAM	1	99	19.05	19.10	19.02		
20	256QAM	50	0	19.08	19.15	19.15	19.5	5
20	256QAM	50	24	19.14	19.05	19.13		
20	256QAM	50	50	19.03	19.17	19.00		
20	256QAM	100	0	19.03	19.18	19.06		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.06	24.08	23.96	24.5	0
15	QPSK	1	37	24.03	23.98	23.98		
15	QPSK	1	74	24.01	24.04	23.91		
15	QPSK	36	0	23.03	23.03	22.99	23.5	1
15	QPSK	36	20	23.00	22.95	22.96		
15	QPSK	36	39	22.96	22.92	22.96		
15	QPSK	75	0	22.95	23.01	23.06		
15	16QAM	1	0	23.03	22.99	22.99	23.5	1
15	16QAM	1	37	22.93	23.06	22.94		
15	16QAM	1	74	22.97	23.05	23.03		
15	16QAM	36	0	21.95	22.15	22.02	22.5	2
15	16QAM	36	20	21.91	21.89	21.97		
15	16QAM	36	39	22.08	21.90	22.03		
15	16QAM	75	0	21.94	22.08	22.03		
15	64QAM	1	0	22.01	22.04	21.97	22.5	2
15	64QAM	1	37	21.97	22.12	21.82		
15	64QAM	1	74	21.84	22.09	21.96		
15	64QAM	36	0	20.98	21.14	21.05	21.5	3
15	64QAM	36	20	20.98	20.94	20.95		
15	64QAM	36	39	20.93	20.90	21.03		
15	64QAM	75	0	21.01	20.99	21.13		
15	256QAM	1	0	19.03	19.04	18.96	19.5	5
15	256QAM	1	37	18.96	18.89	19.08		
15	256QAM	1	74	18.92	19.05	18.88		
15	256QAM	36	0	18.95	19.12	19.12	19.5	5
15	256QAM	36	20	19.05	18.93	19.03		
15	256QAM	36	39	18.93	19.14	18.97		
15	256QAM	75	0	18.94	19.14	18.97		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.05	24.08	24.00	24.5	0
10	QPSK	1	25	24.00	24.06	23.90		
10	QPSK	1	49	23.92	24.00	23.94		
10	QPSK	25	0	23.01	23.12	23.04	23.5	1
10	QPSK	25	12	22.92	23.03	23.00		
10	QPSK	25	25	23.01	22.94	22.91		
10	QPSK	50	0	22.99	23.03	23.06		
10	16QAM	1	0	23.10	23.04	22.97	23.5	1
10	16QAM	1	25	23.00	23.02	22.95		
10	16QAM	1	49	22.95	23.01	23.02		
10	16QAM	25	0	21.98	22.17	21.96	22.5	2
10	16QAM	25	12	21.95	21.88	21.91		
10	16QAM	25	25	22.06	21.93	21.99		
10	16QAM	50	0	22.02	22.08	21.98		
10	64QAM	1	0	21.98	22.07	22.06	22.5	2
10	64QAM	1	25	22.01	22.08	21.84		
10	64QAM	1	49	21.84	22.08	21.92		
10	64QAM	25	0	20.97	21.12	20.95	21.5	3
10	64QAM	25	12	20.96	20.93	20.99		
10	64QAM	25	25	20.97	20.89	21.02		
10	64QAM	50	0	20.96	21.06	21.07		
10	256QAM	1	0	19.02	19.05	18.95	19.5	5
10	256QAM	1	25	18.97	18.91	18.99		
10	256QAM	1	49	19.01	19.08	19.00		
10	256QAM	25	0	19.01	19.11	19.12	19.5	5
10	256QAM	25	12	19.11	19.03	19.06		
10	256QAM	25	25	18.91	19.05	18.96		
10	256QAM	50	0	18.94	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	23.99	24.08	24.04	24.5	0
5	QPSK	1	12	23.92	23.97	23.89		
5	QPSK	1	24	23.97	23.97	23.92		
5	QPSK	12	0	22.94	23.06	22.99	23.5	1
5	QPSK	12	7	22.98	22.94	22.96		
5	QPSK	12	13	23.02	22.90	22.93		
5	QPSK	25	0	23.00	23.02	23.02		
5	16QAM	1	0	23.05	23.08	23.05	23.5	1
5	16QAM	1	12	22.95	23.10	22.91		
5	16QAM	1	24	22.97	23.10	23.02		
5	16QAM	12	0	22.01	22.10	22.06	22.5	2
5	16QAM	12	7	21.88	21.94	21.95		
5	16QAM	12	13	22.09	21.98	21.95		
5	16QAM	25	0	22.00	21.99	21.97		
5	64QAM	1	0	22.05	22.04	22.05	22.5	2
5	64QAM	1	12	21.99	22.11	21.89		
5	64QAM	1	24	21.91	22.15	22.02		
5	64QAM	12	0	21.00	21.06	20.98	21.5	3
5	64QAM	12	7	21.03	20.98	21.01		
5	64QAM	12	13	20.99	20.98	21.04		
5	64QAM	25	0	20.99	21.05	21.07		
5	256QAM	1	0	18.98	19.04	18.99	19.5	5
5	256QAM	1	12	18.97	18.95	19.05		
5	256QAM	1	24	19.03	19.01	18.93		
5	256QAM	12	0	18.99	19.09	19.02	19.5	5
5	256QAM	12	7	19.09	18.95	19.00		
5	256QAM	12	13	19.00	19.03	18.98		
5	256QAM	25	0	18.91	19.10	18.97		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.82	23.86	23.78	25	0
20	QPSK	1	49	23.74	23.80	23.67		
20	QPSK	1	99	23.75	23.79	23.69		
20	QPSK	50	0	22.82	22.92	22.78	24	1
20	QPSK	50	24	22.73	22.86	22.68		
20	QPSK	50	50	22.69	22.80	22.65		
20	QPSK	100	0	22.84	22.88	22.77		
20	16QAM	1	0	22.86	22.84	22.82	24	1
20	16QAM	1	49	22.76	22.85	22.65		
20	16QAM	1	99	22.80	22.78	22.70		
20	16QAM	50	0	21.85	21.94	21.75	23	2
20	16QAM	50	24	21.73	21.85	21.73		
20	16QAM	50	50	21.71	21.74	21.70		
20	16QAM	100	0	21.88	21.83	21.81		
20	64QAM	1	0	21.88	21.79	21.80	23	2
20	64QAM	1	49	21.80	21.90	21.70		
20	64QAM	1	99	21.79	21.73	21.68		
20	64QAM	50	0	20.81	20.97	20.78	22	3
20	64QAM	50	24	20.75	20.91	20.63		
20	64QAM	50	50	20.74	20.83	20.70		
20	64QAM	100	0	20.84	20.82	20.83		
20	256QAM	1	0	18.79	18.95	18.74	20	5
20	256QAM	1	49	18.76	18.82	18.66		
20	256QAM	1	99	18.71	18.83	18.68		
20	256QAM	50	0	18.86	18.90	18.80	20	5
20	256QAM	50	24	18.91	18.87	18.84		
20	256QAM	50	50	18.78	18.81	18.60		
20	256QAM	100	0	18.75	18.80	18.72		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.76	23.75	23.70	25	0
15	QPSK	1	37	23.61	23.72	23.61		
15	QPSK	1	74	23.72	23.68	23.61		
15	QPSK	36	0	22.72	22.82	22.66	24	1
15	QPSK	36	20	22.61	22.79	22.56		
15	QPSK	36	39	22.58	22.78	22.61		
15	QPSK	75	0	22.73	22.78	22.65		
15	16QAM	1	0	22.83	22.76	22.73	24	1
15	16QAM	1	37	22.65	22.79	22.55		
15	16QAM	1	74	22.69	22.75	22.56		
15	16QAM	36	0	21.81	21.80	21.64	23	2
15	16QAM	36	20	21.59	21.82	21.59		
15	16QAM	36	39	21.68	21.66	21.64		
15	16QAM	75	0	21.79	21.78	21.67		
15	64QAM	1	0	21.81	21.66	21.76	23	2
15	64QAM	1	37	21.68	21.76	21.58		
15	64QAM	1	74	21.76	21.61	21.65		
15	64QAM	36	0	20.76	20.86	20.68	22	3
15	64QAM	36	20	20.72	20.81	20.49		
15	64QAM	36	39	20.67	20.75	20.67		
15	64QAM	75	0	20.78	20.70	20.75		
15	256QAM	1	0	18.70	18.89	18.63	20	5
15	256QAM	1	37	18.73	18.70	18.58		
15	256QAM	1	74	18.67	18.69	18.63		
15	256QAM	36	0	18.72	18.79	18.72	20	5
15	256QAM	36	20	18.80	18.78	18.75		
15	256QAM	36	39	18.64	18.72	18.52		
15	256QAM	75	0	18.73	18.72	18.62		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.77	23.78	23.69	25	0
10	QPSK	1	25	23.68	23.66	23.53		
10	QPSK	1	49	23.68	23.75	23.57		
10	QPSK	25	0	22.78	22.80	22.72	24	1
10	QPSK	25	12	22.63	22.76	22.55		
10	QPSK	25	25	22.65	22.77	22.60		
10	QPSK	50	0	22.74	22.78	22.65		
10	16QAM	1	0	22.80	22.73	22.68	24	1
10	16QAM	1	25	22.66	22.78	22.55		
10	16QAM	1	49	22.76	22.72	22.65		
10	16QAM	25	0	21.75	21.89	21.67	23	2
10	16QAM	25	12	21.67	21.71	21.62		
10	16QAM	25	25	21.65	21.64	21.66		
10	16QAM	50	0	21.77	21.79	21.75		
10	64QAM	1	0	21.77	21.72	21.76	23	2
10	64QAM	1	25	21.70	21.87	21.64		
10	64QAM	1	49	21.73	21.63	21.59		
10	64QAM	25	0	20.73	20.93	20.74	22	3
10	64QAM	25	12	20.69	20.89	20.55		
10	64QAM	25	25	20.62	20.74	20.63		
10	64QAM	50	0	20.75	20.70	20.72		
10	256QAM	1	0	18.69	18.81	18.68	20	5
10	256QAM	1	25	18.68	18.74	18.55		
10	256QAM	1	49	18.59	18.80	18.55		
10	256QAM	25	0	18.84	18.77	18.74	20	5
10	256QAM	25	12	18.83	18.81	18.81		
10	256QAM	25	25	18.70	18.71	18.53		
10	256QAM	50	0	18.71	18.77	18.63		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.76	23.81	23.64	25	0
5	QPSK	1	12	23.66	23.77	23.58		
5	QPSK	1	24	23.62	23.66	23.61		
5	QPSK	12	0	22.73	22.87	22.75	24	1
5	QPSK	12	7	22.69	22.81	22.55		
5	QPSK	12	13	22.57	22.67	22.62		
5	QPSK	25	0	22.76	22.79	22.66		
5	16QAM	1	0	22.75	22.78	22.78	24	1
5	16QAM	1	12	22.71	22.80	22.60		
5	16QAM	1	24	22.77	22.76	22.65		
5	16QAM	12	0	21.82	21.84	21.65	23	2
5	16QAM	12	7	21.67	21.80	21.67		
5	16QAM	12	13	21.68	21.64	21.60		
5	16QAM	25	0	21.86	21.71	21.77		
5	64QAM	1	0	21.85	21.76	21.69	23	2
5	64QAM	1	12	21.67	21.78	21.67		
5	64QAM	1	24	21.66	21.59	21.64		
5	64QAM	12	0	20.70	20.95	20.73	22	3
5	64QAM	12	7	20.72	20.84	20.52		
5	64QAM	12	13	20.71	20.75	20.63		
5	64QAM	25	0	20.73	20.68	20.74		
5	256QAM	1	0	18.75	18.93	18.60	20	5
5	256QAM	1	12	18.67	18.69	18.58		
5	256QAM	1	24	18.61	18.76	18.60		
5	256QAM	12	0	18.74	18.78	18.74	20	5
5	256QAM	12	7	18.79	18.84	18.78		
5	256QAM	12	13	18.69	18.68	18.58		
5	256QAM	25	0	18.66	18.74	18.58		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.65	23.70	23.74	23.64	23.61	25	0
20	QPSK	1	49	23.57	23.65	23.70	23.52	23.49		
20	QPSK	1	99	23.51	23.62	23.68	23.59	23.57		
20	QPSK	50	0	22.60	22.72	22.80	22.61	22.67	24	1
20	QPSK	50	24	22.62	22.63	22.65	22.47	22.51		
20	QPSK	50	50	22.52	22.64	22.73	22.60	22.57		
20	QPSK	100	0	22.66	22.75	22.78	22.70	22.56		
20	16QAM	1	0	22.67	22.71	22.75	22.62	22.64	24	1
20	16QAM	1	49	22.60	22.69	22.65	22.48	22.44		
20	16QAM	1	99	22.56	22.64	22.68	22.60	22.56		
20	16QAM	50	0	21.58	21.75	21.74	21.57	21.71	23	2
20	16QAM	50	24	21.59	21.65	21.64	21.47	21.49		
20	16QAM	50	50	21.55	21.63	21.76	21.65	21.54		
20	16QAM	100	0	21.66	21.81	21.74	21.74	21.56		
20	64QAM	1	0	21.62	21.69	21.80	21.58	21.64	23	2
20	64QAM	1	49	21.61	21.74	21.63	21.47	21.48		
20	64QAM	1	99	21.59	21.63	21.63	21.61	21.51		
20	64QAM	50	0	20.66	20.78	20.86	20.66	20.65	22	3
20	64QAM	50	24	20.67	20.61	20.68	20.50	20.55		
20	64QAM	50	50	20.57	20.67	20.79	20.65	20.60		
20	64QAM	100	0	20.63	20.79	20.72	20.74	20.57		
20	256QAM	1	0	18.64	18.71	18.80	18.57	18.68	20	5
20	256QAM	1	49	18.66	18.60	18.60	18.43	18.56		
20	256QAM	1	99	18.57	18.69	18.72	18.64	18.60		
20	256QAM	50	0	18.70	18.72	18.78	18.71	18.57	20	5
20	256QAM	50	24	18.64	18.75	18.80	18.60	18.59		
20	256QAM	50	50	18.58	18.70	18.64	18.53	18.42		
20	256QAM	100	0	18.57	18.66	18.65	18.59	18.55		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.58	23.57	23.60	23.55	23.53	25.00	0
15	QPSK	1	37	23.54	23.60	23.58	23.47	23.45		
15	QPSK	1	74	23.43	23.55	23.57	23.46	23.44		
15	QPSK	36	0	22.55	22.63	22.76	22.47	22.56	24	1
15	QPSK	36	20	22.48	22.51	22.52	22.42	22.40		
15	QPSK	36	39	22.47	22.58	22.65	22.55	22.53		
15	QPSK	75	0	22.52	22.62	22.66	22.63	22.44		
15	16QAM	1	0	22.59	22.60	22.65	22.58	22.57	24	1
15	16QAM	1	37	22.53	22.64	22.61	22.45	22.39		
15	16QAM	1	74	22.47	22.51	22.65	22.55	22.54		
15	16QAM	36	0	21.52	21.70	21.61	21.49	21.65	23	2
15	16QAM	36	20	21.56	21.59	21.56	21.43	21.40		
15	16QAM	36	39	21.45	21.54	21.69	21.53	21.45		
15	16QAM	75	0	21.55	21.73	21.70	21.63	21.53		
15	64QAM	1	0	21.57	21.56	21.74	21.53	21.54	23	2
15	64QAM	1	37	21.52	21.61	21.50	21.44	21.46		
15	64QAM	1	74	21.46	21.50	21.54	21.47	21.43		
15	64QAM	36	0	20.57	20.68	20.84	20.53	20.62	22	3
15	64QAM	36	20	20.64	20.54	20.59	20.47	20.44		
15	64QAM	36	39	20.54	20.57	20.71	20.56	20.53		
15	64QAM	75	0	20.56	20.67	20.67	20.69	20.47		
15	256QAM	1	0	18.55	18.65	18.74	18.53	18.59	20	5
15	256QAM	1	37	18.61	18.55	18.49	18.32	18.44		
15	256QAM	1	74	18.50	18.56	18.64	18.54	18.51		
15	256QAM	36	0	18.59	18.70	18.68	18.61	18.52	20	5
15	256QAM	36	20	18.51	18.63	18.72	18.47	18.50		
15	256QAM	36	39	18.47	18.61	18.53	18.41	18.37		
15	256QAM	75	0	18.52	18.59	18.52	18.46	18.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.54	23.66	23.72	23.56	23.59	25.00	0
10	QPSK	1	25	23.47	23.61	23.67	23.40	23.37		
10	QPSK	1	49	23.38	23.60	23.65	23.57	23.45		
10	QPSK	25	0	22.50	22.65	22.67	22.55	22.53	24	1
10	QPSK	25	12	22.49	22.55	22.54	22.40	22.44		
10	QPSK	25	25	22.47	22.60	22.61	22.49	22.51		
10	QPSK	50	0	22.54	22.71	22.74	22.58	22.43		
10	16QAM	1	0	22.57	22.64	22.62	22.57	22.57	24	1
10	16QAM	1	25	22.57	22.62	22.54	22.43	22.30		
10	16QAM	1	49	22.45	22.53	22.66	22.57	22.44		
10	16QAM	25	0	21.53	21.73	21.68	21.54	21.65	23	2
10	16QAM	25	12	21.54	21.60	21.58	21.41	21.35		
10	16QAM	25	25	21.47	21.60	21.64	21.53	21.48		
10	16QAM	50	0	21.64	21.68	21.64	21.61	21.50		
10	64QAM	1	0	21.50	21.63	21.73	21.45	21.53	23	2
10	64QAM	1	25	21.48	21.64	21.51	21.38	21.36		
10	64QAM	1	49	21.51	21.52	21.52	21.53	21.49		
10	64QAM	25	0	20.55	20.67	20.80	20.62	20.57	22	3
10	64QAM	25	12	20.59	20.51	20.65	20.39	20.50		
10	64QAM	25	25	20.49	20.56	20.68	20.60	20.55		
10	64QAM	50	0	20.50	20.72	20.65	20.67	20.54		
10	256QAM	1	0	18.50	18.65	18.73	18.55	18.57	20	5
10	256QAM	1	25	18.57	18.56	18.53	18.33	18.47		
10	256QAM	1	49	18.53	18.66	18.64	18.61	18.56		
10	256QAM	25	0	18.64	18.67	18.67	18.65	18.50	20	5
10	256QAM	25	12	18.51	18.73	18.68	18.57	18.49		
10	256QAM	25	25	18.44	18.67	18.53	18.48	18.34		
10	256QAM	50	0	18.51	18.64	18.60	18.47	18.45		
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	23.53	23.61	23.64	23.60	23.54	25.00	0
5	QPSK	1	12	23.51	23.53	23.63	23.44	23.41		
5	QPSK	1	24	23.46	23.57	23.54	23.57	23.48		
5	QPSK	12	0	22.51	22.67	22.66	22.51	22.58	24	1
5	QPSK	12	7	22.59	22.50	22.63	22.36	22.38		
5	QPSK	12	13	22.48	22.53	22.68	22.54	22.53		
5	QPSK	25	0	22.54	22.69	22.68	22.64	22.45		
5	16QAM	1	0	22.55	22.60	22.67	22.50	22.55	24	1
5	16QAM	1	12	22.51	22.65	22.55	22.35	22.31		
5	16QAM	1	24	22.54	22.59	22.60	22.54	22.47		
5	16QAM	12	0	21.52	21.66	21.61	21.54	21.62	23	2
5	16QAM	12	7	21.52	21.52	21.50	21.34	21.45		
5	16QAM	12	13	21.42	21.52	21.62	21.52	21.50		
5	16QAM	25	0	21.62	21.72	21.67	21.62	21.51		
5	64QAM	1	0	21.53	21.57	21.74	21.45	21.60	23	2
5	64QAM	1	12	21.56	21.68	21.56	21.35	21.35		
5	64QAM	1	24	21.46	21.50	21.57	21.48	21.37		
5	64QAM	12	0	20.59	20.75	20.79	20.64	20.54	22	3
5	64QAM	12	7	20.65	20.55	20.63	20.44	20.42		
5	64QAM	12	13	20.48	20.59	20.71	20.56	20.47		
5	64QAM	25	0	20.53	20.66	20.60	20.63	20.51		
5	256QAM	1	0	18.54	18.60	18.78	18.45	18.59	20	5
5	256QAM	1	12	18.60	18.57	18.48	18.41	18.51		
5	256QAM	1	24	18.50	18.64	18.69	18.61	18.52		
5	256QAM	12	0	18.60	18.70	18.74	18.68	18.49	20	5
5	256QAM	12	7	18.58	18.63	18.78	18.54	18.52		
5	256QAM	12	13	18.46	18.61	18.52	18.40	18.32		
5	256QAM	25	0	18.52	18.57	18.57	18.53	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.75	21.81	21.73	22.5	0
20	QPSK	1	49	21.71	21.77	21.61		
20	QPSK	1	99	21.61	21.74	21.63		
20	QPSK	50	0	20.71	20.87	20.71	21.5	1
20	QPSK	50	24	20.76	20.83	20.67		
20	QPSK	50	50	20.57	20.79	20.58		
20	QPSK	100	0	20.71	20.84	20.72		
20	16QAM	1	0	20.73	20.81	20.78	21.5	1
20	16QAM	1	49	20.66	20.72	20.56		
20	16QAM	1	99	20.60	20.75	20.64		
20	16QAM	50	0	19.71	19.84	19.69	20.5	2
20	16QAM	50	24	19.80	19.87	19.65		
20	16QAM	50	50	19.60	19.77	19.56		
20	16QAM	100	0	19.72	19.88	19.67		
20	64QAM	1	0	19.68	19.86	19.74	20.5	2
20	64QAM	1	49	19.65	19.70	19.51		
20	64QAM	1	99	19.54	19.75	19.58		
20	64QAM	50	0	18.71	18.81	18.72	19.5	3
20	64QAM	50	24	18.80	18.77	18.70		
20	64QAM	50	50	18.57	18.83	18.58		
20	64QAM	100	0	18.75	18.88	18.67		
20	256QAM	1	0	16.66	16.89	16.73	17.5	5
20	256QAM	1	49	16.78	16.77	16.68		
20	256QAM	1	99	16.54	16.82	16.63		
20	256QAM	50	0	16.76	16.81	16.68	17.5	5
20	256QAM	50	24	16.77	16.86	16.82		
20	256QAM	50	50	16.71	16.71	16.62		
20	256QAM	100	0	16.57	16.77	16.61		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.64	21.70	21.60	22.5	0
15	QPSK	1	37	21.58	21.73	21.48		
15	QPSK	1	74	21.47	21.60	21.59		
15	QPSK	36	0	20.64	20.77	20.59	21.5	1
15	QPSK	36	20	20.71	20.76	20.59		
15	QPSK	36	39	20.48	20.75	20.50		
15	QPSK	75	0	20.67	20.77	20.66		
15	16QAM	1	0	20.67	20.76	20.67	21.5	1
15	16QAM	1	37	20.56	20.60	20.50		
15	16QAM	1	74	20.55	20.69	20.58		
15	16QAM	36	0	19.60	19.77	19.59	20.5	2
15	16QAM	36	20	19.68	19.81	19.58		
15	16QAM	36	39	19.53	19.73	19.45		
15	16QAM	75	0	19.59	19.79	19.64		
15	64QAM	1	0	19.65	19.75	19.69	20.5	2
15	64QAM	1	37	19.56	19.56	19.43		
15	64QAM	1	74	19.51	19.69	19.45		
15	64QAM	36	0	18.69	18.76	18.63	19.5	3
15	64QAM	36	20	18.73	18.70	18.60		
15	64QAM	36	39	18.52	18.77	18.47		
15	64QAM	75	0	18.71	18.80	18.54		
15	256QAM	1	0	16.53	16.76	16.70	17.5	5
15	256QAM	1	37	16.68	16.64	16.56		
15	256QAM	1	74	16.43	16.72	16.52		
15	256QAM	36	0	16.73	16.70	16.58	17.5	5
15	256QAM	36	20	16.64	16.79	16.72		
15	256QAM	36	39	16.61	16.64	16.53		
15	256QAM	75	0	16.49	16.67	16.49		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.70	21.69	21.67	22.5	0
10	QPSK	1	25	21.58	21.63	21.55		
10	QPSK	1	49	21.57	21.71	21.58		
10	QPSK	25	0	20.65	20.76	20.66	21.5	1
10	QPSK	25	12	20.73	20.74	20.65		
10	QPSK	25	25	20.48	20.74	20.50		
10	QPSK	50	0	20.63	20.74	20.63		
10	16QAM	1	0	20.63	20.69	20.67	21.5	1
10	16QAM	1	25	20.56	20.66	20.45		
10	16QAM	1	49	20.50	20.71	20.51		
10	16QAM	25	0	19.58	19.74	19.66	20.5	2
10	16QAM	25	12	19.70	19.82	19.61		
10	16QAM	25	25	19.47	19.71	19.53		
10	16QAM	50	0	19.67	19.83	19.65		
10	64QAM	1	0	19.55	19.83	19.68	20.5	2
10	64QAM	1	25	19.57	19.61	19.43		
10	64QAM	1	49	19.49	19.71	19.48		
10	64QAM	25	0	18.65	18.76	18.67	19.5	3
10	64QAM	25	12	18.68	18.67	18.65		
10	64QAM	25	25	18.45	18.81	18.46		
10	64QAM	50	0	18.66	18.82	18.61		
10	256QAM	1	0	16.60	16.83	16.66	17.5	5
10	256QAM	1	25	16.71	16.64	16.56		
10	256QAM	1	49	16.48	16.78	16.59		
10	256QAM	25	0	16.64	16.72	16.61	17.5	5
10	256QAM	25	12	16.63	16.81	16.69		
10	256QAM	25	25	16.59	16.59	16.49		
10	256QAM	50	0	16.51	16.64	16.56		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.68	21.74	21.62	22.5	0
5	QPSK	1	12	21.65	21.68	21.51		
5	QPSK	1	24	21.51	21.67	21.52		
5	QPSK	12	0	20.60	20.77	20.58	21.5	1
5	QPSK	12	7	20.67	20.80	20.54		
5	QPSK	12	13	20.47	20.71	20.50		
5	QPSK	25	0	20.65	20.78	20.65		
5	16QAM	1	0	20.70	20.68	20.66	21.5	1
5	16QAM	1	12	20.63	20.68	20.50		
5	16QAM	1	24	20.57	20.70	20.60		
5	16QAM	12	0	19.63	19.72	19.63	20.5	2
5	16QAM	12	7	19.68	19.80	19.53		
5	16QAM	12	13	19.56	19.71	19.54		
5	16QAM	25	0	19.63	19.76	19.55		
5	64QAM	1	0	19.56	19.73	19.62	20.5	2
5	64QAM	1	12	19.63	19.60	19.39		
5	64QAM	1	24	19.49	19.68	19.54		
5	64QAM	12	0	18.63	18.78	18.69	19.5	3
5	64QAM	12	7	18.76	18.64	18.67		
5	64QAM	12	13	18.45	18.76	18.50		
5	64QAM	25	0	18.63	18.77	18.62		
5	256QAM	1	0	16.58	16.86	16.70	17.5	5
5	256QAM	1	12	16.66	16.66	16.60		
5	256QAM	1	24	16.49	16.72	16.57		
5	256QAM	12	0	16.69	16.75	16.60	17.5	5
5	256QAM	12	7	16.68	16.83	16.77		
5	256QAM	12	13	16.62	16.62	16.57		
5	256QAM	25	0	16.45	16.66	16.55		

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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	21.62	21.70	21.75	21.66	21.63	22.5	0
20	QPSK	1	49	21.58	21.65	21.71	21.55	21.53		
20	QPSK	1	99	21.50	21.65	21.68	21.60	21.58		
20	QPSK	50	0	20.65	20.69	20.80	20.63	20.57	21.5	1
20	QPSK	50	24	20.61	20.69	20.74	20.60	20.56		
20	QPSK	50	50	20.52	20.68	20.70	20.65	20.56		
20	QPSK	100	0	20.60	20.66	20.77	20.63	20.67		
20	16QAM	1	0	20.64	20.68	20.73	20.70	20.62	21.5	1
20	16QAM	1	49	20.64	20.65	20.74	20.59	20.47		
20	16QAM	1	99	20.48	20.59	20.63	20.64	20.63		
20	16QAM	50	0	19.70	19.70	19.80	19.67	19.54	20.5	2
20	16QAM	50	24	19.66	19.64	19.79	19.58	19.52		
20	16QAM	50	50	19.53	19.65	19.65	19.71	19.62		
20	16QAM	100	0	19.61	19.72	19.73	19.69	19.72		
20	64QAM	1	0	19.68	19.67	19.71	19.72	19.65	20.5	2
20	64QAM	1	49	19.61	19.65	19.70	19.58	19.45		
20	64QAM	1	99	19.49	19.56	19.58	19.67	19.67		
20	64QAM	50	0	18.60	18.71	18.84	18.68	18.62	19.5	3
20	64QAM	50	24	18.57	18.66	18.79	18.60	18.58		
20	64QAM	50	50	18.52	18.73	18.75	18.59	18.54		
20	64QAM	100	0	18.55	18.61	18.81	18.64	18.68		
20	256QAM	1	0	16.68	16.72	16.85	16.69	16.54	17.5	5
20	256QAM	1	49	16.60	16.68	16.73	16.60	16.58		
20	256QAM	1	99	16.54	16.63	16.72	16.67	16.59		
20	256QAM	50	0	16.55	16.62	16.77	16.64	16.63	17.5	5
20	256QAM	50	24	16.59	16.67	16.75	16.69	16.62		
20	256QAM	50	50	16.60	16.60	16.76	16.59	16.41		
20	256QAM	100	0	16.43	16.56	16.58	16.66	16.67		
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	21.48	21.68	21.65	21.55	21.55	22.50	0
15	QPSK	1	37	21.46	21.63	21.65	21.43	21.43		
15	QPSK	1	74	21.47	21.56	21.65	21.51	21.50		
15	QPSK	36	0	20.59	20.56	20.74	20.58	20.45	21.5	1
15	QPSK	36	20	20.53	20.66	20.71	20.56	20.49		
15	QPSK	36	39	20.40	20.57	20.67	20.58	20.42		
15	QPSK	75	0	20.57	20.61	20.72	20.54	20.64		
15	16QAM	1	0	20.51	20.61	20.61	20.57	20.52	21.5	1
15	16QAM	1	37	20.52	20.51	20.61	20.56	20.38		
15	16QAM	1	74	20.40	20.46	20.53	20.53	20.53		
15	16QAM	36	0	19.62	19.68	19.74	19.64	19.45	20.5	2
15	16QAM	36	20	19.58	19.59	19.68	19.49	19.48		
15	16QAM	36	39	19.43	19.63	19.58	19.57	19.59		
15	16QAM	75	0	19.56	19.64	19.66	19.65	19.69		
15	64QAM	1	0	19.57	19.55	19.65	19.68	19.52	20.5	2
15	64QAM	1	37	19.52	19.51	19.68	19.53	19.57		
15	64QAM	1	74	19.38	19.51	19.46	19.57	19.57		
15	64QAM	36	0	18.47	18.62	18.79	18.58	18.59	19.5	3
15	64QAM	36	20	18.51	18.61	18.73	18.49	18.51		
15	64QAM	36	39	18.40	18.61	18.72	18.51	18.48		
15	64QAM	75	0	18.42	18.54	18.77	18.58	18.63		
15	256QAM	1	0	16.57	16.58	16.74	16.62	16.49	17.5	5
15	256QAM	1	37	16.50	16.60	16.66	16.55	16.49		
15	256QAM	1	74	16.48	16.61	16.59	16.59	16.49		
15	256QAM	36	0	16.43	16.55	16.68	16.53	16.57	17.5	5
15	256QAM	36	20	16.48	16.64	16.69	16.56	16.53		
15	256QAM	36	39	16.58	16.49	16.65	16.46	16.33		
15	256QAM	75	0	16.37	16.52	16.53	16.61	16.61		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.52	21.59	21.62	21.62	21.52	22.50	0
10	QPSK	1	25	21.51	21.52	21.63	21.44	21.48		
10	QPSK	1	49	21.46	21.55	21.58	21.58	21.52		
10	QPSK	25	0	20.56	20.61	20.72	20.56	20.44	21.5	1
10	QPSK	25	12	20.57	20.64	20.71	20.51	20.43		
10	QPSK	25	25	20.47	20.56	20.59	20.55	20.46		
10	QPSK	50	0	20.58	20.55	20.63	20.56	20.58		
10	16QAM	1	0	20.54	20.56	20.66	20.56	20.54	21.5	1
10	16QAM	1	25	20.50	20.56	20.61	20.53	20.34		
10	16QAM	1	49	20.37	20.53	20.58	20.55	20.56		
10	16QAM	25	0	19.64	19.64	19.77	19.64	19.52	20.5	2
10	16QAM	25	12	19.57	19.60	19.70	19.55	19.46		
10	16QAM	25	25	19.46	19.52	19.59	19.63	19.59		
10	16QAM	50	0	19.49	19.59	19.69	19.63	19.59		
10	64QAM	1	0	19.54	19.59	19.58	19.64	19.53	20.5	2
10	64QAM	1	25	19.54	19.58	19.67	19.55	19.39		
10	64QAM	1	49	19.37	19.52	19.47	19.63	19.61		
10	64QAM	25	0	18.53	18.67	18.80	18.66	18.58	19.5	3
10	64QAM	25	12	18.44	18.58	18.67	18.46	18.46		
10	64QAM	25	25	18.47	18.68	18.70	18.49	18.47		
10	64QAM	50	0	18.49	18.48	18.75	18.57	18.55		
10	256QAM	1	0	16.62	16.59	16.71	16.66	16.44	17.5	5
10	256QAM	1	25	16.51	16.55	16.65	16.53	16.45		
10	256QAM	1	49	16.45	16.51	16.65	16.53	16.53		
10	256QAM	25	0	16.48	16.58	16.72	16.61	16.51	17.5	5
10	256QAM	25	12	16.47	16.59	16.63	16.65	16.53		
10	256QAM	25	25	16.54	16.50	16.71	16.55	16.33		
10	256QAM	50	0	16.37	16.47	16.54	16.59	16.65		
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	21.54	21.63	21.68	21.58	21.51	22.50	0
5	QPSK	1	12	21.53	21.54	21.61	21.44	21.47		
5	QPSK	1	24	21.39	21.61	21.64	21.49	21.46		
5	QPSK	12	0	20.60	20.62	20.69	20.51	20.53	21.5	1
5	QPSK	12	7	20.48	20.60	20.63	20.56	20.52		
5	QPSK	12	13	20.48	20.61	20.64	20.59	20.53		
5	QPSK	25	0	20.55	20.60	20.65	20.53	20.62		
5	16QAM	1	0	20.58	20.58	20.65	20.64	20.49	21.5	1
5	16QAM	1	12	20.57	20.54	20.67	20.51	20.40		
5	16QAM	1	24	20.43	20.53	20.60	20.56	20.51		
5	16QAM	12	0	19.60	19.66	19.77	19.65	19.41	20.5	2
5	16QAM	12	7	19.53	19.55	19.71	19.51	19.44		
5	16QAM	12	13	19.40	19.54	19.59	19.59	19.56		
5	16QAM	25	0	19.59	19.58	19.65	19.61	19.59		
5	64QAM	1	0	19.55	19.57	19.69	19.61	19.61	20.5	2
5	64QAM	1	12	19.50	19.62	19.62	19.45	19.40		
5	64QAM	1	24	19.41	19.52	19.50	19.55	19.61		
5	64QAM	12	0	18.55	18.62	18.77	18.64	18.49	19.5	3
5	64QAM	12	7	18.51	18.57	18.72	18.51	18.55		
5	64QAM	12	13	18.47	18.60	18.72	18.49	18.41		
5	64QAM	25	0	18.47	18.56	18.77	18.61	18.59		
5	256QAM	1	0	16.57	16.58	16.80	16.66	16.50	17.5	5
5	256QAM	1	12	16.47	16.56	16.68	16.57	16.56		
5	256QAM	1	24	16.44	16.60	16.68	16.54	16.57		
5	256QAM	12	0	16.49	16.54	16.72	16.61	16.53	17.5	5
5	256QAM	12	7	16.51	16.55	16.63	16.64	16.58		
5	256QAM	12	13	16.51	16.53	16.68	16.47	16.39		
5	256QAM	25	0	16.33	16.48	16.56	16.56	16.59		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.73	22.78	22.70		
20	QPSK	1	49	22.69	22.73	22.56	24	0
20	QPSK	1	99	22.60	22.71	22.62		
20	QPSK	50	0	21.73	21.82	21.71		
20	QPSK	50	24	21.74	21.73	21.51	23	1
20	QPSK	50	50	21.57	21.65	21.67		
20	QPSK	100	0	21.71	21.77	21.72		
20	16QAM	1	0	21.79	21.73	21.70		
20	16QAM	1	49	21.64	21.69	21.59	23	1
20	16QAM	1	99	21.65	21.72	21.67		
20	16QAM	50	0	20.75	20.77	20.74		
20	16QAM	50	24	20.69	20.75	20.53	22	2
20	16QAM	50	50	20.52	20.71	20.70		
20	16QAM	100	0	20.68	20.81	20.76		
20	64QAM	1	0	20.79	20.73	20.68		
20	64QAM	1	49	20.69	20.72	20.59	22	2
20	64QAM	1	99	20.65	20.69	20.73		
20	64QAM	50	0	19.67	19.80	19.72		
20	64QAM	50	24	19.79	19.71	19.52	21	3
20	64QAM	50	50	19.54	19.66	19.70		
20	64QAM	100	0	19.69	19.81	19.67		
20	256QAM	1	0	17.72	17.83	17.69		
20	256QAM	1	49	17.72	17.77	17.53	19	5
20	256QAM	1	99	17.52	17.70	17.70		
20	256QAM	50	0	17.65	17.76	17.66		
20	256QAM	50	24	17.75	17.69	17.66	19	5
20	256QAM	50	50	17.63	17.65	17.60		
20	256QAM	100	0	17.70	17.74	17.63		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.70	22.64	22.58		
15	QPSK	1	37	22.57	22.63	22.48	24	0
15	QPSK	1	74	22.56	22.62	22.49		
15	QPSK	36	0	21.67	21.73	21.62		
15	QPSK	36	20	21.71	21.68	21.48	23	1
15	QPSK	36	39	21.46	21.51	21.55		
15	QPSK	75	0	21.61	21.67	21.69		
15	16QAM	1	0	21.76	21.63	21.56		
15	16QAM	1	37	21.50	21.59	21.56	23	1
15	16QAM	1	74	21.58	21.62	21.61		
15	16QAM	36	0	20.64	20.73	20.69		
15	16QAM	36	20	20.59	20.72	20.39	22	2
15	16QAM	36	39	20.39	20.60	20.60		
15	16QAM	75	0	20.65	20.70	20.66		
15	64QAM	1	0	20.67	20.62	20.58		
15	64QAM	1	37	20.59	20.65	20.47	22	2
15	64QAM	1	74	20.59	20.65	20.60		
15	64QAM	36	0	19.63	19.76	19.62		
15	64QAM	36	20	19.72	19.64	19.47	21	3
15	64QAM	36	39	19.48	19.56	19.58		
15	64QAM	75	0	19.66	19.71	19.59		
15	256QAM	1	0	17.63	17.75	17.59		
15	256QAM	1	37	17.63	17.67	17.41	19	5
15	256QAM	1	74	17.38	17.61	17.63		
15	256QAM	36	0	17.52	17.73	17.52		
15	256QAM	36	20	17.64	17.60	17.55	19	5
15	256QAM	36	39	17.60	17.53	17.46		
15	256QAM	75	0	17.60	17.69	17.55		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.70	22.75	22.63		
10	QPSK	1	25	22.60	22.63	22.43	24	0
10	QPSK	1	49	22.49	22.65	22.49		
10	QPSK	25	0	21.71	21.79	21.63		
10	QPSK	25	12	21.64	21.65	21.47	23	1
10	QPSK	25	25	21.47	21.57	21.58		
10	QPSK	50	0	21.69	21.75	21.66		
10	16QAM	1	0	21.75	21.61	21.59		
10	16QAM	1	25	21.57	21.57	21.45	23	1
10	16QAM	1	49	21.57	21.68	21.63		
10	16QAM	25	0	20.70	20.67	20.68		
10	16QAM	25	12	20.59	20.69	20.50	22	2
10	16QAM	25	25	20.48	20.58	20.57		
10	16QAM	50	0	20.63	20.76	20.64		
10	64QAM	1	0	20.74	20.60	20.64		
10	64QAM	1	25	20.63	20.69	20.47	22	2
10	64QAM	1	49	20.58	20.66	20.61		
10	64QAM	25	0	19.56	19.68	19.70		
10	64QAM	25	12	19.71	19.66	19.43	21	3
10	64QAM	25	25	19.52	19.55	19.57		
10	64QAM	50	0	19.62	19.73	19.64		
10	256QAM	1	0	17.67	17.73	17.65		
10	256QAM	1	25	17.66	17.70	17.45	19	5
10	256QAM	1	49	17.47	17.68	17.60		
10	256QAM	25	0	17.59	17.66	17.59		
10	256QAM	25	12	17.66	17.63	17.61	19	5
10	256QAM	25	25	17.55	17.62	17.57		
10	256QAM	50	0	17.66	17.67	17.56		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.63	22.67	22.65		
5	QPSK	1	12	22.61	22.66	22.44	24	0
5	QPSK	1	24	22.53	22.67	22.49		
5	QPSK	12	0	21.61	21.70	21.63		
5	QPSK	12	7	21.68	21.63	21.40	23	1
5	QPSK	12	13	21.53	21.57	21.56		
5	QPSK	25	0	21.64	21.64	21.62		
5	16QAM	1	0	21.71	21.66	21.63		
5	16QAM	1	12	21.53	21.64	21.50	23	1
5	16QAM	1	24	21.60	21.70	21.54		
5	16QAM	12	0	20.67	20.73	20.67		
5	16QAM	12	7	20.59	20.73	20.49	22	2
5	16QAM	12	13	20.40	20.63	20.59		
5	16QAM	25	0	20.55	20.68	20.71		
5	64QAM	1	0	20.70	20.64	20.58		
5	64QAM	1	12	20.62	20.70	20.56	22	2
5	64QAM	1	24	20.63	20.64	20.70		
5	64QAM	12	0	19.64	19.76	19.63		
5	64QAM	12	7	19.70	19.63	19.42	21	3
5	64QAM	12	13	19.40	19.54	19.59		
5	64QAM	25	0	19.65	19.69	19.59		
5	256QAM	1	0	17.63	17.76	17.61		
5	256QAM	1	12	17.62	17.64	17.40	19	5
5	256QAM	1	24	17.41	17.63	17.66		
5	256QAM	12	0	17.61	17.73	17.58		
5	256QAM	12	7	17.64	17.64	17.55	19	5
5	256QAM	12	13	17.51	17.62	17.51		
5	256QAM	25	0	17.60	17.62	17.54		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.65	22.62	22.68	22.61	22.58		
20	QPSK	1	49	22.55	22.60	22.61	22.48	22.48	24	0
20	QPSK	1	99	22.59	22.56	22.60	22.55	22.46		
20	QPSK	50	0	21.62	21.59	21.73	21.60	21.54		
20	QPSK	50	24	21.54	21.57	21.59	21.48	21.49	23	1
20	QPSK	50	50	21.62	21.50	21.58	21.57	21.49		
20	QPSK	100	0	21.65	21.58	21.69	21.58	21.55		
20	16QAM	1	0	21.63	21.58	21.68	21.57	21.56		
20	16QAM	1	49	21.55	21.63	21.63	21.43	21.52	23	1
20	16QAM	1	99	21.63	21.57	21.57	21.54	21.47		
20	16QAM	50	0	20.62	20.56	20.70	20.56	20.49		
20	16QAM	50	24	20.48	20.61	20.57	20.42	20.54	22	2
20	16QAM	50	50	20.60	20.56	20.60	20.61	20.52		
20	16QAM	100	0	20.60	20.55	20.71	20.57	20.59		
20	64QAM	1	0	20.68	20.54	20.70	20.54	20.59		
20	64QAM	1	49	20.53	20.64	20.68	20.41	20.49	22	2
20	64QAM	1	99	20.59	20.58	20.56	20.56	20.46		
20	64QAM	50	0	19.65	19.63	19.69	19.56	19.51		
20	64QAM	50	24	19.52	19.57	19.65	19.45	19.48	21	3
20	64QAM	50	50	19.60	19.46	19.55	19.56	19.47		
20	64QAM	100	0	19.62	19.59	19.72	19.54	19.54		
20	256QAM	1	0	17.56	17.58	17.74	17.61	17.55		
20	256QAM	1	49	17.56	17.53	17.61	17.45	17.51	19	5
20	256QAM	1	99	17.67	17.46	17.61	17.61	17.51		
20	256QAM	50	0	17.61	17.62	17.70	17.64	17.50		
20	256QAM	50	24	17.60	17.58	17.72	17.51	17.53	19	5
20	256QAM	50	50	17.55	17.61	17.62	17.43	17.56		
20	256QAM	100	0	17.68	17.59	17.59	17.48	17.49		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.53	22.56	22.60	22.53	22.44		
15	QPSK	1	37	22.43	22.48	22.57	22.44	22.46	24.00	0
15	QPSK	1	74	22.48	22.45	22.47	22.48	22.34		
15	QPSK	36	0	21.51	21.54	21.67	21.49	21.40		
15	QPSK	36	20	21.46	21.51	21.51	21.38	21.35	23	1
15	QPSK	36	39	21.57	21.38	21.55	21.50	21.43		
15	QPSK	75	0	21.61	21.48	21.58	21.53	21.51		
15	16QAM	1	0	21.55	21.56	21.62	21.49	21.47		
15	16QAM	1	37	21.49	21.52	21.50	21.32	21.41	23	1
15	16QAM	1	74	21.59	21.45	21.49	21.50	21.36		
15	16QAM	36	0	20.52	20.53	20.58	20.49	20.35		
15	16QAM	36	20	20.44	20.49	20.46	20.36	20.43	22	2
15	16QAM	36	39	20.51	20.45	20.49	20.53	20.43		
15	16QAM	75	0	20.50	20.47	20.65	20.53	20.54		
15	64QAM	1	0	20.63	20.48	20.67	20.50	20.48		
15	64QAM	1	37	20.43	20.57	20.64	20.36	20.43	22	2
15	64QAM	1	74	20.47	20.54	20.43	20.44	20.39		
15	64QAM	36	0	19.53	19.55	19.58	19.53	19.47		
15	64QAM	36	20	19.49	19.53	19.57	19.41	19.35	21	3
15	64QAM	36	39	19.53	19.33	19.44	19.53	19.42		
15	64QAM	75	0	19.58	19.47	19.62	19.48	19.41		
15	256QAM	1	0	17.44	17.53	17.66	17.54	17.42		
15	256QAM	1	37	17.53	17.48	17.49	17.38	17.43	19	5
15	256QAM	1	74	17.63	17.34	17.56	17.55	17.48		
15	256QAM	36	0	17.57	17.49	17.59	17.51	17.39		
15	256QAM	36	20	17.55	17.45	17.60	17.41	17.47	19	5
15	256QAM	36	39	17.52	17.50	17.49	17.30	17.46		
15	256QAM	75	0	17.65	17.48	17.48	17.35	17.44		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.55	22.52	22.61	22.52	22.46		
10	QPSK	1	25	22.44	22.50	22.57	22.43	22.34	24.00	0
10	QPSK	1	49	22.52	22.46	22.54	22.52	22.34		
10	QPSK	25	0	21.56	21.54	21.61	21.52	21.44		
10	QPSK	25	12	21.47	21.54	21.55	21.34	21.38	23	1
10	QPSK	25	25	21.57	21.40	21.46	21.55	21.44		
10	QPSK	50	0	21.62	21.51	21.61	21.49	21.52		
10	16QAM	1	0	21.51	21.46	21.57	21.53	21.45		
10	16QAM	1	25	21.46	21.55	21.54	21.30	21.49	23	1
10	16QAM	1	49	21.57	21.52	21.48	21.52	21.43		
10	16QAM	25	0	20.48	20.49	20.60	20.44	20.42		
10	16QAM	25	12	20.44	20.57	20.51	20.35	20.45	22	2
10	16QAM	25	25	20.57	20.47	20.48	20.51	20.39		
10	16QAM	50	0	20.50	20.51	20.67	20.49	20.55		
10	64QAM	1	0	20.64	20.45	20.67	20.52	20.46		
10	64QAM	1	25	20.43	20.61	20.64	20.34	20.37	22	2
10	64QAM	1	49	20.48	20.50	20.45	20.48	20.35		
10	64QAM	25	0	19.63	19.61	19.64	19.53	19.39		
10	64QAM	25	12	19.48	19.47	19.61	19.42	19.45	21	3
10	64QAM	25	25	19.55	19.38	19.46	19.43	19.35		
10	64QAM	50	0	19.52	19.45	19.62	19.49	19.49		
10	256QAM	1	0	17.46	17.53	17.70	17.56	17.52		
10	256QAM	1	25	17.54	17.43	17.57	17.42	17.39	19	5
10	256QAM	1	49	17.64	17.40	17.53	17.59	17.46		
10	256QAM	25	0	17.50	17.49	17.63	17.55	17.43		
10	256QAM	25	12	17.58	17.46	17.66	17.41	17.45	19	5
10	256QAM	25	25	17.46	17.59	17.56	17.32	17.54		
10	256QAM	50	0	17.60	17.54	17.56	17.42	17.45		
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	22.57	22.59	22.57	22.48	22.49		
5	QPSK	1	12	22.44	22.52	22.58	22.39	22.45	24.00	0
5	QPSK	1	24	22.45	22.50	22.53	22.53	22.34		
5	QPSK	12	0	21.52	21.52	21.68	21.56	21.50		
5	QPSK	12	7	21.43	21.54	21.56	21.38	21.44	23	1
5	QPSK	12	13	21.50	21.36	21.48	21.44	21.42		
5	QPSK	25	0	21.52	21.50	21.61	21.53	21.49		
5	16QAM	1	0	21.54	21.51	21.57	21.53	21.46		
5	16QAM	1	12	21.46	21.59	21.54	21.38	21.44	23	1
5	16QAM	1	24	21.53	21.50	21.51	21.43	21.41		
5	16QAM	12	0	20.48	20.52	20.60	20.48	20.46		
5	16QAM	12	7	20.36	20.55	20.51	20.31	20.48	22	2
5	16QAM	12	13	20.56	20.47	20.50	20.57	20.48		
5	16QAM	25	0	20.53	20.41	20.61	20.53	20.49		
5	64QAM	1	0	20.64	20.42	20.58	20.48	20.53		
5	64QAM	1	12	20.49	20.57	20.56	20.33	20.38	22	2
5	64QAM	1	24	20.47	20.56	20.50	20.52	20.35		
5	64QAM	12	0	19.54	19.60	19.61	19.46	19.37		
5	64QAM	12	7	19.46	19.48	19.61	19.33	19.45	21	3
5	64QAM	12	13	19.48	19.40	19.47	19.43	19.45		
5	64QAM	25	0	19.53	19.56	19.63	19.52	19.41		
5	256QAM	1	0	17.50	17.45	17.63	17.58	17.51		
5	256QAM	1	12	17.44	17.48	17.55	17.43	17.46	19	5
5	256QAM	1	24	17.53	17.37	17.53	17.54	17.38		
5	256QAM	12	0	17.56	17.57	17.67	17.56	17.37		
5	256QAM	12	7	17.51	17.45	17.66	17.41	17.44	19	5
5	256QAM	12	13	17.41	17.58	17.52	17.35	17.51		
5	256QAM	25	0	17.60	17.52	17.52	17.38	17.40		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.66	23.72	23.61	24.5	0
20	QPSK	1	49	23.56	23.70	23.50		
20	QPSK	1	99	23.63	23.66	23.48		
20	QPSK	50	0	22.72	22.78	22.59	23.5	1
20	QPSK	50	24	22.60	22.73	22.48		
20	QPSK	50	50	22.66	22.72	22.47		
20	QPSK	100	0	22.63	22.75	22.61		
20	16QAM	1	0	22.62	22.72	22.64	23.5	1
20	16QAM	1	49	22.61	22.67	22.50		
20	16QAM	1	99	22.65	22.71	22.54		
20	16QAM	50	0	21.77	21.72	21.57	22.5	2
20	16QAM	50	24	21.59	21.75	21.50		
20	16QAM	50	50	21.68	21.66	21.44		
20	16QAM	100	0	21.67	21.80	21.57		
20	64QAM	1	0	21.61	21.73	21.62	22.5	2
20	64QAM	1	49	21.59	21.69	21.51		
20	64QAM	1	99	21.61	21.76	21.56		
20	64QAM	50	0	20.69	20.83	20.64	21.5	3
20	64QAM	50	24	20.57	20.72	20.50		
20	64QAM	50	50	20.70	20.69	20.43		
20	64QAM	100	0	20.69	20.73	20.59		
20	256QAM	1	0	18.68	18.81	18.58	19.5	5
20	256QAM	1	49	18.60	18.69	18.43		
20	256QAM	1	99	18.71	18.71	18.51		
20	256QAM	50	0	18.67	18.79	18.65	19.5	5
20	256QAM	50	24	18.64	18.69	18.61		
20	256QAM	50	50	18.57	18.70	18.47		
20	256QAM	100	0	18.61	18.67	18.56		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.55	23.66	23.47	24.5	0
15	QPSK	1	37	23.47	23.63	23.46		
15	QPSK	1	74	23.59	23.64	23.37		
15	QPSK	36	0	22.61	22.68	22.53	23.5	1
15	QPSK	36	20	22.55	22.65	22.43		
15	QPSK	36	39	22.56	22.60	22.33		
15	QPSK	75	0	22.61	22.65	22.49		
15	16QAM	1	0	22.54	22.69	22.56	23.5	1
15	16QAM	1	37	22.55	22.57	22.42		
15	16QAM	1	74	22.61	22.67	22.52		
15	16QAM	36	0	21.65	21.68	21.46	22.5	2
15	16QAM	36	20	21.54	21.66	21.40		
15	16QAM	36	39	21.58	21.56	21.38		
15	16QAM	75	0	21.58	21.75	21.52		
15	64QAM	1	0	21.54	21.61	21.51	22.5	2
15	64QAM	1	37	21.54	21.64	21.46		
15	64QAM	1	74	21.51	21.65	21.49		
15	64QAM	36	0	20.55	20.78	20.58	21.5	3
15	64QAM	36	20	20.52	20.67	20.45		
15	64QAM	36	39	20.65	20.65	20.29		
15	64QAM	75	0	20.64	20.66	20.48		
15	256QAM	1	0	18.57	18.79	18.52	19.5	5
15	256QAM	1	37	18.55	18.63	18.40		
15	256QAM	1	74	18.64	18.60	18.37		
15	256QAM	36	0	18.58	18.69	18.56	19.5	5
15	256QAM	36	20	18.51	18.67	18.54		
15	256QAM	36	39	18.55	18.58	18.35		
15	256QAM	75	0	18.51	18.58	18.48		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.55	23.64	23.47	24.5	0
10	QPSK	1	25	23.50	23.68	23.38		
10	QPSK	1	49	23.58	23.54	23.42		
10	QPSK	25	0	22.65	22.72	22.50	23.5	1
10	QPSK	25	12	22.53	22.69	22.39		
10	QPSK	25	25	22.59	22.65	22.41		
10	QPSK	50	0	22.59	22.67	22.56		
10	16QAM	1	0	22.51	22.61	22.55	23.5	1
10	16QAM	1	25	22.58	22.57	22.39		
10	16QAM	1	49	22.61	22.67	22.45		
10	16QAM	25	0	21.68	21.69	21.44	22.5	2
10	16QAM	25	12	21.47	21.62	21.38		
10	16QAM	25	25	21.60	21.54	21.38		
10	16QAM	50	0	21.64	21.67	21.49		
10	64QAM	1	0	21.49	21.69	21.51	22.5	2
10	64QAM	1	25	21.54	21.66	21.37		
10	64QAM	1	49	21.51	21.67	21.51		
10	64QAM	25	0	20.58	20.74	20.61	21.5	3
10	64QAM	25	12	20.50	20.58	20.46		
10	64QAM	25	25	20.59	20.66	20.31		
10	64QAM	50	0	20.64	20.69	20.54		
10	256QAM	1	0	18.56	18.79	18.55	19.5	5
10	256QAM	1	25	18.55	18.60	18.38		
10	256QAM	1	49	18.66	18.68	18.45		
10	256QAM	25	0	18.64	18.72	18.52	19.5	5
10	256QAM	25	12	18.52	18.66	18.57		
10	256QAM	25	25	18.55	18.65	18.36		
10	256QAM	50	0	18.49	18.57	18.52		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.55	23.61	23.52	24.5	0
5	QPSK	1	12	23.51	23.58	23.37		
5	QPSK	1	24	23.59	23.53	23.35		
5	QPSK	12	0	22.62	22.70	22.48	23.5	1
5	QPSK	12	7	22.58	22.67	22.36		
5	QPSK	12	13	22.59	22.60	22.41		
5	QPSK	25	0	22.52	22.64	22.53		
5	16QAM	1	0	22.58	22.61	22.52	23.5	1
5	16QAM	1	12	22.48	22.60	22.44		
5	16QAM	1	24	22.56	22.64	22.41		
5	16QAM	12	0	21.64	21.68	21.43	22.5	2
5	16QAM	12	7	21.50	21.68	21.42		
5	16QAM	12	13	21.56	21.53	21.35		
5	16QAM	25	0	21.64	21.67	21.54		
5	64QAM	1	0	21.55	21.65	21.55	22.5	2
5	64QAM	1	12	21.49	21.56	21.39		
5	64QAM	1	24	21.53	21.71	21.53		
5	64QAM	12	0	20.56	20.72	20.54	21.5	3
5	64QAM	12	7	20.54	20.62	20.46		
5	64QAM	12	13	20.67	20.59	20.35		
5	64QAM	25	0	20.60	20.59	20.51		
5	256QAM	1	0	18.65	18.70	18.51	19.5	5
5	256QAM	1	12	18.53	18.61	18.35		
5	256QAM	1	24	18.57	18.61	18.41		
5	256QAM	12	0	18.57	18.71	18.54	19.5	5
5	256QAM	12	7	18.58	18.56	18.53		
5	256QAM	12	13	18.55	18.63	18.34		
5	256QAM	25	0	18.57	18.65	18.51		

Band 41 other PA 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	23.56	23.52	23.60	23.55	23.50	24.5	0
20	QPSK	1	49	23.50	23.46	23.55	23.48	23.46		
20	QPSK	1	99	23.53	23.47	23.51	23.44	23.41		
20	QPSK	50	0	22.58	22.58	22.64	22.60	22.55	23.5	1
20	QPSK	50	24	22.44	22.48	22.54	22.53	22.43		
20	QPSK	50	50	22.52	22.53	22.51	22.43	22.38		
20	QPSK	100	0	22.57	22.50	22.63	22.58	22.51		
20	16QAM	1	0	22.52	22.53	22.60	22.56	22.51	23.5	1
20	16QAM	1	49	22.46	22.45	22.59	22.47	22.46		
20	16QAM	1	99	22.54	22.42	22.52	22.49	22.40		
20	16QAM	50	0	21.60	21.62	21.67	21.60	21.61	22.5	2
20	16QAM	50	24	21.49	21.46	21.57	21.50	21.44		
20	16QAM	50	50	21.57	21.47	21.45	21.43	21.34		
20	16QAM	100	0	21.57	21.52	21.68	21.60	21.54		
20	64QAM	1	0	21.47	21.53	21.57	21.60	21.48	22.5	2
20	64QAM	1	49	21.51	21.43	21.58	21.45	21.47		
20	64QAM	1	99	21.58	21.37	21.51	21.47	21.38		
20	64QAM	50	0	20.53	20.53	20.69	20.64	20.58	21.5	3
20	64QAM	50	24	20.40	20.43	20.56	20.55	20.43		
20	64QAM	50	50	20.52	20.50	20.47	20.41	20.38		
20	64QAM	100	0	20.58	20.47	20.61	20.54	20.47		
20	256QAM	1	0	18.57	18.63	18.58	18.66	18.52	19.5	5
20	256QAM	1	49	18.48	18.44	18.53	18.55	18.47		
20	256QAM	1	99	18.51	18.47	18.51	18.38	18.33		
20	256QAM	50	0	18.54	18.53	18.58	18.56	18.46	19.5	5
20	256QAM	50	24	18.48	18.50	18.62	18.54	18.51		
20	256QAM	50	50	18.43	18.47	18.65	18.48	18.44		
20	256QAM	100	0	18.57	18.45	18.53	18.50	18.44		
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	23.53	23.40	23.52	23.49	23.48	24.50	0
15	QPSK	1	37	23.37	23.37	23.51	23.39	23.33		
15	QPSK	1	74	23.49	23.44	23.47	23.37	23.37		
15	QPSK	36	0	22.47	22.45	22.52	22.58	22.47	23.5	1
15	QPSK	36	20	22.38	22.41	22.52	22.45	22.30		
15	QPSK	36	39	22.49	22.48	22.46	22.35	22.34		
15	QPSK	75	0	22.52	22.41	22.61	22.52	22.42		
15	16QAM	1	0	22.44	22.45	22.54	22.49	22.45	23.5	1
15	16QAM	1	37	22.41	22.37	22.51	22.34	22.33		
15	16QAM	1	74	22.42	22.39	22.40	22.43	22.36		
15	16QAM	36	0	21.49	21.49	21.64	21.54	21.56	22.5	2
15	16QAM	36	20	21.42	21.39	21.51	21.37	21.33		
15	16QAM	36	39	21.54	21.37	21.38	21.30	21.25		
15	16QAM	75	0	21.51	21.42	21.65	21.56	21.47		
15	64QAM	1	0	21.37	21.43	21.55	21.58	21.42	22.5	2
15	64QAM	1	37	21.38	21.32	21.51	21.33	21.33		
15	64QAM	1	74	21.53	21.23	21.41	21.37	21.34		
15	64QAM	36	0	20.44	20.45	20.66	20.55	20.48	21.5	3
15	64QAM	36	20	20.29	20.40	20.51	20.42	20.31		
15	64QAM	36	39	20.39	20.38	20.35	20.35	20.32		
15	64QAM	75	0	20.55	20.38	20.53	20.47	20.41		
15	256QAM	1	0	18.53	18.58	18.55	18.57	18.43	19.5	5
15	256QAM	1	37	18.40	18.32	18.50	18.43	18.35		
15	256QAM	1	74	18.42	18.34	18.42	18.25	18.19		
15	256QAM	36	0	18.42	18.40	18.55	18.52	18.36	19.5	5
15	256QAM	36	20	18.46	18.42	18.50	18.45	18.47		
15	256QAM	36	39	18.40	18.39	18.59	18.43	18.34		
15	256QAM	75	0	18.54	18.35	18.46	18.47	18.39		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.47	23.44	23.57	23.48	23.46	24.50	0
10	QPSK	1	25	23.44	23.41	23.47	23.44	23.34		
10	QPSK	1	49	23.42	23.41	23.40	23.37	23.27		
10	QPSK	25	0	22.46	22.48	22.62	22.48	22.49	23.5	1
10	QPSK	25	12	22.35	22.45	22.45	22.43	22.32		
10	QPSK	25	25	22.42	22.46	22.46	22.32	22.28		
10	QPSK	50	0	22.54	22.39	22.53	22.52	22.43		
10	16QAM	1	0	22.40	22.49	22.50	22.47	22.43	23.5	1
10	16QAM	1	25	22.43	22.40	22.47	22.38	22.32		
10	16QAM	1	49	22.49	22.38	22.48	22.42	22.33		
10	16QAM	25	0	21.51	21.55	21.59	21.48	21.59	22.5	2
10	16QAM	25	12	21.46	21.32	21.46	21.38	21.35		
10	16QAM	25	25	21.52	21.37	21.31	21.36	21.28		
10	16QAM	50	0	21.48	21.49	21.57	21.51	21.46		
10	64QAM	1	0	21.41	21.40	21.48	21.54	21.37	22.5	2
10	64QAM	1	25	21.49	21.34	21.49	21.32	21.34		
10	64QAM	1	49	21.50	21.29	21.40	21.44	21.35		
10	64QAM	25	0	20.47	20.50	20.64	20.54	20.47	21.5	3
10	64QAM	25	12	20.26	20.39	20.53	20.42	20.40		
10	64QAM	25	25	20.42	20.39	20.39	20.31	20.31		
10	64QAM	50	0	20.45	20.41	20.51	20.48	20.33		
10	256QAM	1	0	18.49	18.61	18.49	18.62	18.48	19.5	5
10	256QAM	1	25	18.44	18.31	18.45	18.50	18.37		
10	256QAM	1	49	18.42	18.43	18.48	18.27	18.29		
10	256QAM	25	0	18.47	18.40	18.54	18.51	18.41	19.5	5
10	256QAM	25	12	18.43	18.46	18.53	18.51	18.49		
10	256QAM	25	25	18.38	18.41	18.58	18.39	18.33		
10	256QAM	50	0	18.53	18.42	18.48	18.42	18.33		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.49	23.42	23.48	23.52	23.46	24.50	0
5	QPSK	1	12	23.38	23.41	23.42	23.39	23.44		
5	QPSK	1	24	23.40	23.43	23.42	23.39	23.28		
5	QPSK	12	0	22.51	22.45	22.52	22.51	22.49	23.5	1
5	QPSK	12	7	22.38	22.38	22.40	22.47	22.32		
5	QPSK	12	13	22.48	22.41	22.46	22.41	22.30		
5	QPSK	25	0	22.49	22.45	22.57	22.56	22.47		
5	16QAM	1	0	22.42	22.42	22.57	22.48	22.47	23.5	1
5	16QAM	1	12	22.41	22.37	22.56	22.33	22.39		
5	16QAM	1	24	22.46	22.37	22.46	22.44	22.37		
5	16QAM	12	0	21.56	21.57	21.55	21.52	21.53	22.5	2
5	16QAM	12	7	21.38	21.35	21.52	21.39	21.33		
5	16QAM	12	13	21.50	21.40	21.40	21.35	21.29		
5	16QAM	25	0	21.49	21.41	21.62	21.48	21.46		
5	64QAM	1	0	21.36	21.47	21.49	21.54	21.39	22.5	2
5	64QAM	1	12	21.43	21.40	21.55	21.40	21.40		
5	64QAM	1	24	21.56	21.29	21.42	21.39	21.32		
5	64QAM	12	0	20.43	20.51	20.64	20.58	20.45	21.5	3
5	64QAM	12	7	20.36	20.36	20.54	20.50	20.30		
5	64QAM	12	13	20.45	20.41	20.43	20.31	20.27		
5	64QAM	25	0	20.52	20.40	20.49	20.47	20.38		
5	256QAM	1	0	18.53	18.56	18.55	18.54	18.43	19.5	5
5	256QAM	1	12	18.41	18.37	18.51	18.46	18.35		
5	256QAM	1	24	18.46	18.35	18.40	18.35	18.30		
5	256QAM	12	0	18.47	18.44	18.48	18.50	18.34	19.5	5
5	256QAM	12	7	18.37	18.44	18.52	18.44	18.42		
5	256QAM	12	13	18.31	18.37	18.54	18.45	18.40		
5	256QAM	25	0	18.49	18.33	18.42	18.37	18.34		

Reduced Power Mode for DSI1

Band 2 other PA Ant 2 DSI1

BW [MHz]	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	16.17	16.37	16.33	17.5	0
20	QPSK	1	49	16.21	16.24	16.28		
20	QPSK	1	99	16.27	16.26	16.18		
20	QPSK	50	0	16.02	16.26	16.28	17.5	0
20	QPSK	50	24	16.16	16.11	16.18		
20	QPSK	50	50	16.18	16.15	16.18		
20	QPSK	100	0	15.98	16.14	15.90		
20	16QAM	1	0	16.08	15.93	16.09	17.5	0
20	16QAM	1	49	16.08	16.08	15.98		
20	16QAM	1	99	15.76	15.70	15.93		
20	16QAM	50	0	15.97	15.78	15.94	17.5	0
20	16QAM	50	24	15.79	15.85	15.86		
20	16QAM	50	50	16.00	15.91	16.00		
20	16QAM	100	0	15.80	15.78	15.89		
20	64QAM	1	0	15.98	15.96	15.76	17.5	0
20	64QAM	1	49	15.95	15.84	16.00		
20	64QAM	1	99	16.06	15.89	15.96		
20	64QAM	50	0	15.79	15.86	15.82	17.5	0
20	64QAM	50	24	15.99	15.91	15.91		
20	64QAM	50	50	15.86	15.91	16.00		
20	64QAM	100	0	15.85	15.72	15.90		
20	256QAM	1	0	15.81	15.91	15.92	17.5	0
20	256QAM	1	49	16.01	15.98	15.90		
20	256QAM	1	99	15.92	15.74	15.97		
20	256QAM	50	0	15.98	15.82	15.90	17.5	0
20	256QAM	50	24	15.85	15.84	15.88		
20	256QAM	50	50	15.90	15.76	15.92		
20	256QAM	100	0	15.94	15.91	15.89		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.01	16.27	16.21	17.5	0
15	QPSK	1	37	16.13	16.18	16.17		
15	QPSK	1	74	16.14	16.20	16.02		
15	QPSK	36	0	15.93	16.15	16.20	17.5	0
15	QPSK	36	20	16.07	16.02	16.03		
15	QPSK	36	39	16.03	16.04	16.11		
15	QPSK	75	0	15.83	16.08	15.79		
15	16QAM	1	0	15.99	15.89	15.95	17.5	0
15	16QAM	1	37	15.99	16.00	15.83		
15	16QAM	1	74	15.83	15.83	15.82		
15	16QAM	36	0	15.91	15.83	15.80	17.5	0
15	16QAM	36	20	15.74	15.76	15.75		
15	16QAM	36	39	15.92	15.84	15.84		
15	16QAM	75	0	15.75	15.64	15.74		
15	64QAM	1	0	15.91	15.83	15.71	17.5	0
15	64QAM	1	37	15.87	15.76	15.93		
15	64QAM	1	74	15.99	15.75	15.85		
15	64QAM	36	0	15.65	15.73	15.71	17.5	0
15	64QAM	36	20	15.89	15.76	15.77		
15	64QAM	36	39	15.71	15.77	15.92		
15	64QAM	75	0	15.71	15.63	15.78		
15	256QAM	1	0	15.72	15.84	15.84	17.5	0
15	256QAM	1	37	15.90	15.86	15.77		
15	256QAM	1	74	15.80	15.67	15.92		
15	256QAM	36	0	15.87	15.77	15.82	17.5	0
15	256QAM	36	20	15.73	15.76	15.74		
15	256QAM	36	39	15.83	15.72	15.81		
15	256QAM	75	0	15.88	15.84	15.80		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.03	16.22	16.22	17.5	0
10	QPSK	1	25	16.06	16.08	16.16		
10	QPSK	1	49	16.12	16.16	16.02		
10	QPSK	25	0	15.89	16.14	16.21	17.5	0
10	QPSK	25	12	16.02	16.03	16.06		
10	QPSK	25	25	16.03	16.08	16.04		
10	QPSK	50	0	15.83	15.99	15.81		
10	16QAM	1	0	15.98	15.83	16.01	17.5	0
10	16QAM	1	25	16.02	15.98	15.88		
10	16QAM	1	49	15.61	15.63	15.88		
10	16QAM	25	0	15.87	15.63	15.78	17.5	0
10	16QAM	25	12	15.64	15.81	15.74		
10	16QAM	25	25	15.95	15.78	15.86		
10	16QAM	50	0	15.68	15.71	15.81		
10	64QAM	1	0	15.91	15.88	15.63	17.5	0
10	64QAM	1	25	15.80	15.69	15.96		
10	64QAM	1	49	15.94	15.76	15.86		
10	64QAM	25	0	15.72	15.72	15.78	17.5	0
10	64QAM	25	12	15.89	15.80	15.82		
10	64QAM	25	25	15.77	15.87	15.85		
10	64QAM	50	0	15.76	15.64	15.85		
10	256QAM	1	0	15.73	15.86	15.84	17.5	0
10	256QAM	1	25	15.91	15.88	15.80		
10	256QAM	1	49	15.86	15.62	15.86		
10	256QAM	25	0	15.90	15.78	15.79	17.5	0
10	256QAM	25	12	15.77	15.70	15.79		
10	256QAM	25	25	15.79	15.70	15.79		
10	256QAM	50	0	15.82	15.87	15.76		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.11	16.21	16.24	17.5	0
5	QPSK	1	12	16.16	16.11	16.23		
5	QPSK	1	24	16.12	16.13	16.12		
5	QPSK	12	0	15.97	16.12	16.23	17.5	0
5	QPSK	12	7	16.07	16.05	16.08		
5	QPSK	12	13	16.12	16.05	16.03		
5	QPSK	25	0	15.93	16.03	15.76		
5	16QAM	1	0	15.93	15.83	16.01	17.5	0
5	16QAM	1	12	15.98	15.98	15.85		
5	16QAM	1	24	15.63	15.58	15.86		
5	16QAM	12	0	15.87	15.73	15.90	17.5	0
5	16QAM	12	7	15.71	15.73	15.78		
5	16QAM	12	13	15.88	15.82	15.85		
5	16QAM	25	0	15.68	15.64	15.75		
5	64QAM	1	0	15.89	15.88	15.67	17.5	0
5	64QAM	1	12	15.84	15.71	15.87		
5	64QAM	1	24	15.94	15.78	15.87		
5	64QAM	12	0	15.69	15.76	15.69	17.5	0
5	64QAM	12	7	15.85	15.87	15.86		
5	64QAM	12	13	15.74	15.82	15.94		
5	64QAM	25	0	15.73	15.62	15.77		
5	256QAM	1	0	15.68	15.86	15.83	17.5	0
5	256QAM	1	12	15.92	15.91	15.82		
5	256QAM	1	24	15.85	15.67	15.93		
5	256QAM	12	0	15.84	15.69	15.83	17.5	0
5	256QAM	12	7	15.76	15.74	15.83		
5	256QAM	12	13	15.82	15.62	15.80		
5	256QAM	25	0	15.80	15.87	15.83		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.13	16.24	16.29	17.5	0
3	QPSK	1	8	16.14	16.13	16.16		
3	QPSK	1	14	16.17	16.11	16.08		
3	QPSK	8	0	15.93	16.19	16.24	17.5	0
3	QPSK	8	4	16.07	15.96	16.03		
3	QPSK	8	7	16.13	16.07	16.13		
3	QPSK	15	0	15.82	16.01	15.85		
3	16QAM	1	0	15.96	15.84	15.95	17.5	0
3	16QAM	1	8	15.97	15.99	15.94		
3	16QAM	1	14	15.71	15.56	15.81		
3	16QAM	8	0	15.81	15.68	15.90	17.5	0
3	16QAM	8	4	15.65	15.69	15.72		
3	16QAM	8	7	15.94	15.81	15.86		
3	16QAM	15	0	15.68	15.68	15.83		
3	64QAM	1	0	15.90	15.84	15.65	17.5	0
3	64QAM	1	8	15.87	15.70	15.89		
3	64QAM	1	14	15.90	15.74	15.89		
3	64QAM	8	0	15.72	15.75	15.67	17.5	0
3	64QAM	8	4	15.94	15.85	15.82		
3	64QAM	8	7	15.81	15.78	15.89		
3	64QAM	15	0	15.70	15.57	15.86		
3	256QAM	1	0	15.71	15.80	15.86	17.5	0
3	256QAM	1	8	15.94	15.88	15.75		
3	256QAM	1	14	15.88	15.61	15.85		
3	256QAM	8	0	15.89	15.73	15.76	17.5	0
3	256QAM	8	4	15.76	15.68	15.82		
3	256QAM	8	7	15.82	15.65	15.80		
3	256QAM	15	0	15.85	15.78	15.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.11	16.26	16.26	17.5	0
1.4	QPSK	1	3	16.13	16.10	16.22		
1.4	QPSK	1	5	16.21	16.11	16.06		
1.4	QPSK	3	0	15.96	16.15	16.14		
1.4	QPSK	3	1	16.01	15.98	16.04		
1.4	QPSK	3	3	16.12	16.08	16.07		
1.4	QPSK	6	0	15.82	15.99	15.81	17.5	0
1.4	16QAM	1	0	15.94	15.79	15.96	17.5	0
1.4	16QAM	1	3	15.92	16.01	15.93		
1.4	16QAM	1	5	15.71	15.65	15.85		
1.4	16QAM	3	0	15.93	15.62	15.87		
1.4	16QAM	3	1	15.73	15.79	15.75		
1.4	16QAM	3	3	15.84	15.80	15.92		
1.4	16QAM	6	0	15.71	15.65	15.74	17.5	0
1.4	64QAM	1	0	15.88	15.89	15.61	17.5	0
1.4	64QAM	1	3	15.84	15.75	15.90		
1.4	64QAM	1	5	15.98	15.82	15.84		
1.4	64QAM	3	0	15.67	15.81	15.75		
1.4	64QAM	3	1	15.88	15.75	15.79		
1.4	64QAM	3	3	15.77	15.75	15.88		
1.4	64QAM	6	0	15.71	15.62	15.78	17.5	0
1.4	256QAM	1	0	15.67	15.85	15.79	17.5	0
1.4	256QAM	1	3	15.89	15.83	15.75		
1.4	256QAM	1	5	15.78	15.69	15.85		
1.4	256QAM	3	0	15.88	15.73	15.80		
1.4	256QAM	3	1	15.79	15.73	15.78		
1.4	256QAM	3	3	15.78	15.67	15.85		
1.4	256QAM	6	0	15.88	15.83	15.78	17.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.12	15.30	15.24	16	0
20	QPSK	1	49	15.25	15.26	15.26		
20	QPSK	1	99	15.21	15.20	15.24		
20	QPSK	50	0	15.04	15.24	15.13	16	0
20	QPSK	50	24	15.15	15.04	15.11		
20	QPSK	50	50	15.16	15.09	15.11		
20	QPSK	100	0	14.84	15.03	14.83		
20	16QAM	1	0	15.01	14.91	15.00	16	0
20	16QAM	1	49	15.05	14.99	14.96		
20	16QAM	1	99	14.74	14.75	14.89		
20	16QAM	50	0	14.94	14.74	14.96	16	0
20	16QAM	50	24	14.73	14.78	14.80		
20	16QAM	50	50	14.98	14.89	14.92		
20	16QAM	100	0	14.80	14.75	14.86		
20	64QAM	1	0	14.92	14.92	14.72	16	0
20	64QAM	1	49	14.91	14.79	14.92		
20	64QAM	1	99	15.04	14.81	14.82		
20	64QAM	50	0	14.73	14.78	14.83	16	0
20	64QAM	50	24	14.98	14.87	14.83		
20	64QAM	50	50	14.73	14.86	14.87		
20	64QAM	100	0	14.89	14.78	14.95		
20	256QAM	1	0	14.73	14.82	14.94	16	0
20	256QAM	1	49	14.93	14.97	14.80		
20	256QAM	1	99	14.98	14.66	14.96		
20	256QAM	50	0	15.01	14.71	14.92	16	0
20	256QAM	50	24	14.84	14.70	14.88		
20	256QAM	50	50	14.92	14.70	14.81		
20	256QAM	100	0	14.85	14.82	14.92		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.99	15.18	15.19	16	0
15	QPSK	1	37	15.17	15.13	15.20		
15	QPSK	1	74	15.16	15.13	15.13		
15	QPSK	36	0	14.97	15.18	15.05	16	0
15	QPSK	36	20	15.02	14.90	14.97		
15	QPSK	36	39	15.06	14.96	14.96		
15	QPSK	75	0	14.76	14.89	14.71		
15	16QAM	1	0	14.88	14.77	14.94	16	0
15	16QAM	1	37	14.92	14.86	14.91		
15	16QAM	1	74	14.99	14.61	14.74		
15	16QAM	36	0	14.88	14.65	14.89	16	0
15	16QAM	36	20	14.66	14.62	14.70		
15	16QAM	36	39	14.92	14.81	14.80		
15	16QAM	75	0	14.76	14.60	14.73		
15	64QAM	1	0	14.83	14.84	14.57	16	0
15	64QAM	1	37	14.81	14.72	14.78		
15	64QAM	1	74	14.95	14.66	14.69		
15	64QAM	36	0	14.60	14.72	14.79	16	0
15	64QAM	36	20	14.89	14.79	14.67		
15	64QAM	36	39	14.62	14.73	14.72		
15	64QAM	75	0	14.84	14.64	14.80	16	0
15	256QAM	1	0	14.81	14.68	14.78		
15	256QAM	1	37	14.80	14.86	14.67		
15	256QAM	1	74	14.88	14.58	14.87		
15	256QAM	36	0	14.89	14.58	14.87	16	0
15	256QAM	36	20	14.70	14.59	14.81		
15	256QAM	36	39	14.79	14.62	14.74		
15	256QAM	75	0	14.80	14.75	14.87		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.06	15.14	15.18	16	0
10	QPSK	1	25	15.14	15.11	15.15		
10	QPSK	1	49	15.14	15.06	15.10		
10	QPSK	25	0	14.98	15.18	15.04	16	0
10	QPSK	25	12	15.01	14.93	14.98		
10	QPSK	25	25	15.06	15.01	15.00		
10	QPSK	50	0	14.71	14.97	14.77	16	0
10	16QAM	1	0	14.87	14.82	14.88		
10	16QAM	1	25	14.92	14.93	14.87		
10	16QAM	1	49	14.63	14.60	14.81		
10	16QAM	25	0	14.87	14.64	14.91	16	0
10	16QAM	25	12	14.60	14.69	14.65		
10	16QAM	25	25	14.85	14.74	14.83		
10	16QAM	50	0	14.72	14.66	14.80	16	0
10	64QAM	1	0	14.80	14.87	14.58		
10	64QAM	1	25	14.86	14.67	14.79		
10	64QAM	1	49	14.90	14.65	14.70		
10	64QAM	25	0	14.61	14.69	14.68	16	0
10	64QAM	25	12	14.83	14.74	14.72		
10	64QAM	25	25	14.64	14.78	14.74		
10	64QAM	50	0	14.80	14.73	14.79	16	0
10	256QAM	1	0	14.69	14.67	14.86		
10	256QAM	1	25	14.80	14.87	14.70		
10	256QAM	1	49	14.91	14.51	14.87		
10	256QAM	25	0	14.85	14.62	14.80	16	0
10	256QAM	25	12	14.69	14.65	14.78		
10	256QAM	25	25	14.81	14.60	14.76		
10	256QAM	50	0	14.69	14.71	14.79	16	0
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.96	15.25	15.19	16	0
5	QPSK	1	12	15.10	15.13	15.16		
5	QPSK	1	24	15.16	15.13	15.19		
5	QPSK	12	0	14.90	15.10	15.03	16	0
5	QPSK	12	7	15.07	14.98	15.00		
5	QPSK	12	13	15.10	14.94	14.98		
5	QPSK	25	0	14.68	14.88	14.74	16	0
5	16QAM	1	0	14.93	14.82	14.88		
5	16QAM	1	12	14.98	14.87	14.87		
5	16QAM	1	24	14.61	14.67	14.80		
5	16QAM	12	0	14.79	14.66	14.85	16	0
5	16QAM	12	7	14.58	14.71	14.73		
5	16QAM	12	13	14.86	14.82	14.85		
5	16QAM	25	0	14.73	14.63	14.71	16	0
5	64QAM	1	0	14.84	14.78	14.64		
5	64QAM	1	12	14.76	14.72	14.80		
5	64QAM	1	24	14.93	14.76	14.76		
5	64QAM	12	0	14.68	14.67	14.79	16	0
5	64QAM	12	7	14.83	14.77	14.75		
5	64QAM	12	13	14.60	14.81	14.80		
5	64QAM	25	0	14.74	14.64	14.90	16	0
5	256QAM	1	0	14.58	14.67	14.82		
5	256QAM	1	12	14.88	14.84	14.67		
5	256QAM	1	24	14.84	14.51	14.91		
5	256QAM	12	0	14.93	14.62	14.86	16	0
5	256QAM	12	7	14.78	14.66	14.82		
5	256QAM	12	13	14.88	14.60	14.66		
5	256QAM	25	0	14.80	14.76	14.84		

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BW [MHz]	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	15.78	15.98	15.93		
20	QPSK	1	49	15.82	15.83	15.91	17	0
20	QPSK	1	99	15.89	15.92	15.84		
20	QPSK	50	0	15.68	15.83	15.81		
20	QPSK	50	24	15.83	15.70	15.75	17	0
20	QPSK	50	50	15.80	15.73	15.79		
20	QPSK	100	0	15.60	15.67	15.49		
20	16QAM	1	0	15.61	15.58	15.66		
20	16QAM	1	49	15.75	15.69	15.68	17	0
20	16QAM	1	99	15.47	15.40	15.45		
20	16QAM	50	0	15.61	15.43	15.56		
20	16QAM	50	24	15.47	15.42	15.40	17	0
20	16QAM	50	50	15.62	15.58	15.62		
20	16QAM	100	0	15.45	15.46	15.52		
20	64QAM	1	0	15.60	15.54	15.40		
20	64QAM	1	49	15.56	15.41	15.64	17	0
20	64QAM	1	99	15.60	15.44	15.58		
20	64QAM	50	0	15.42	15.49	15.52		
20	64QAM	50	24	15.68	15.54	15.44	17	0
20	64QAM	50	50	15.46	15.41	15.58		
20	64QAM	100	0	15.48	15.39	15.56		
20	256QAM	1	0	15.46	15.49	15.48		
20	256QAM	1	49	15.59	15.57	15.54	17	0
20	256QAM	1	99	15.60	15.37	15.59		
20	256QAM	50	0	15.61	15.44	15.51		
20	256QAM	50	24	15.53	15.38	15.51	17	0
20	256QAM	50	50	15.48	15.33	15.46		
20	256QAM	100	0	15.49	15.54	15.49		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	15.67	15.85	15.79		
15	QPSK	1	37	15.74	15.77	15.86	17	0
15	QPSK	1	74	15.78	15.80	15.79		
15	QPSK	36	0	15.62	15.68	15.68		
15	QPSK	36	20	15.77	15.61	15.65	17	0
15	QPSK	36	39	15.75	15.67	15.71		
15	QPSK	75	0	15.47	15.63	15.45		
15	16QAM	1	0	15.55	15.53	15.53		
15	16QAM	1	37	15.66	15.65	15.58	17	0
15	16QAM	1	74	15.34	15.32	15.34		
15	16QAM	36	0	15.49	15.36	15.44		
15	16QAM	36	20	15.32	15.33	15.33	17	0
15	16QAM	36	39	15.46	15.46	15.56		
15	16QAM	75	0	15.38	15.35	15.42		
15	64QAM	1	0	15.53	15.41	15.30		
15	64QAM	1	37	15.47	15.33	15.59	17	0
15	64QAM	1	74	15.47	15.36	15.51		
15	64QAM	36	0	15.29	15.42	15.43		
15	64QAM	36	20	15.61	15.47	15.28	17	0
15	64QAM	36	39	15.41	15.35	15.50		
15	64QAM	75	0	15.33	15.32	15.42		
15	256QAM	1	0	15.42	15.41	15.40		
15	256QAM	1	37	15.54	15.47	15.39	17	0
15	256QAM	1	74	15.51	15.29	15.48		
15	256QAM	36	0	15.49	15.35	15.37		
15	256QAM	36	20	15.41	15.23	15.38	17	0
15	256QAM	36	39	15.33	15.27	15.41		
15	256QAM	75	0	15.39	15.44	15.33		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	15.73	15.93	15.86		
10	QPSK	1	25	15.73	15.67	15.76	17	0
10	QPSK	1	49	15.76	15.78	15.73		
10	QPSK	25	0	15.55	15.75	15.74		
10	QPSK	25	12	15.72	15.64	15.66	17	0
10	QPSK	25	25	15.68	15.60	15.64		
10	QPSK	50	0	15.48	15.59	15.38		
10	16QAM	1	0	15.53	15.43	15.59		
10	16QAM	1	25	15.64	15.60	15.56	17	0
10	16QAM	1	49	15.34	15.32	15.37		
10	16QAM	25	0	15.49	15.35	15.43		
10	16QAM	25	12	15.37	15.33	15.29	17	0
10	16QAM	25	25	15.56	15.44	15.51		
10	16QAM	50	0	15.29	15.39	15.39		
10	64QAM	1	0	15.54	15.43	15.35		
10	64QAM	1	25	15.51	15.34	15.48	17	0
10	64QAM	1	49	15.53	15.33	15.53		
10	64QAM	25	0	15.27	15.40	15.37		
10	64QAM	25	12	15.63	15.46	15.29	17	0
10	64QAM	25	25	15.41	15.26	15.52		
10	64QAM	50	0	15.34	15.27	15.42		
10	256QAM	1	0	15.39	15.36	15.34		
10	256QAM	1	25	15.54	15.47	15.44	17	0
10	256QAM	1	49	15.55	15.25	15.48		
10	256QAM	25	0	15.49	15.31	15.37		
10	256QAM	25	12	15.41	15.27	15.43	17	0
10	256QAM	25	25	15.43	15.26	15.39		
10	256QAM	50	0	15.43	15.41	15.34		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	15.66	15.85	15.78		
5	QPSK	1	12	15.78	15.69	15.85	17	0
5	QPSK	1	24	15.80	15.78	15.79		
5	QPSK	12	0	15.57	15.75	15.74		
5	QPSK	12	7	15.75	15.55	15.70	17	0
5	QPSK	12	13	15.75	15.64	15.72		
5	QPSK	25	0	15.51	15.53	15.39		
5	16QAM	1	0	15.46	15.44	15.59		
5	16QAM	1	12	15.59	15.56	15.53	17	0
5	16QAM	1	24	15.37	15.26	15.37		
5	16QAM	12	0	15.49	15.37	15.50		
5	16QAM	12	7	15.33	15.34	15.30	17	0
5	16QAM	12	13	15.52	15.46	15.57		
5	16QAM	25	0	15.35	15.38	15.42		
5	64QAM	1	0	15.49	15.40	15.33		
5	64QAM	1	12	15.43	15.27	15.56	17	0
5	64QAM	1	24	15.53	15.36	15.49		
5	64QAM	12	0	15.34	15.33	15.48		
5	64QAM	12	7	15.58	15.44	15.40	17	0
5	64QAM	12	13	15.33	15.28	15.45		
5	64QAM	25	0	15.39	15.32	15.46		
5	256QAM	1	0	15.32	15.35	15.43		
5	256QAM	1	12	15.46	15.47	15.40	17	0
5	256QAM	1	24	15.44	15.30	15.48		
5	256QAM	12	0	15.56	15.32	15.35		
5	256QAM	12	7	15.46	15.31	15.38	17	0
5	256QAM	12	13	15.44	15.23	15.41		
5	256QAM	25	0	15.33	15.41	15.37		

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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	15.77	15.74	15.93	15.76	15.72		
20	QPSK	1	49	15.78	15.76	15.82	15.75	15.73	17	0
20	QPSK	1	99	15.86	15.74	15.90	15.70	15.76		
20	QPSK	50	0	15.74	15.78	15.85	15.78	15.68		
20	QPSK	50	24	15.83	15.69	15.83	15.77	15.68	17	0
20	QPSK	50	50	15.79	15.68	15.89	15.78	15.70		
20	QPSK	100	0	15.84	15.75	15.84	15.75	15.71		
20	16QAM	1	0	15.75	15.72	15.82	15.76	15.74		
20	16QAM	1	49	15.85	15.75	15.90	15.78	15.75	17	0
20	16QAM	1	99	15.78	15.75	15.90	15.79	15.78		
20	16QAM	50	0	15.79	15.77	15.91	15.76	15.68		
20	16QAM	50	24	15.79	15.67	15.81	15.74	15.79	17	0
20	16QAM	50	50	15.79	15.72	15.81	15.78	15.69		
20	16QAM	100	0	15.84	15.69	15.81	15.78	15.79		
20	64QAM	1	0	15.77	15.67	15.85	15.78	15.76		
20	64QAM	1	49	15.79	15.73	15.87	15.74	15.75	17	0
20	64QAM	1	99	15.74	15.75	15.81	15.70	15.73		
20	64QAM	50	0	15.82	15.69	15.89	15.74	15.74		
20	64QAM	50	24	15.78	15.70	15.83	15.73	15.75	17	0
20	64QAM	50	50	15.80	15.70	15.81	15.78	15.69		
20	64QAM	100	0	15.85	15.78	15.87	15.79	15.68		
20	256QAM	1	0	15.83	15.75	15.86	15.69	15.72		
20	256QAM	1	49	15.74	15.72	15.88	15.73	15.77	17	0
20	256QAM	1	99	15.85	15.72	15.81	15.78	15.69		
20	256QAM	50	0	15.76	15.76	15.89	15.72	15.69		
20	256QAM	50	24	15.86	15.68	15.84	15.74	15.70	17	0
20	256QAM	50	50	15.80	15.76	15.81	15.72	15.74		
20	256QAM	100	0	15.76	15.78	15.87	15.78	15.71		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	15.68	15.61	15.75	15.65	15.64		
15	QPSK	1	37	15.70	15.65	15.79	15.64	15.64	17.00	0
15	QPSK	1	74	15.71	15.62	15.76	15.65	15.61		
15	QPSK	36	0	15.71	15.65	15.76	15.63	15.65		
15	QPSK	36	20	15.70	15.64	15.76	15.65	15.65	17	0
15	QPSK	36	39	15.68	15.62	15.78	15.63	15.61		
15	QPSK	75	0	15.73	15.64	15.76	15.62	15.61		
15	16QAM	1	0	15.69	15.60	15.77	15.63	15.66		
15	16QAM	1	37	15.70	15.66	15.73	15.63	15.64	17	0
15	16QAM	1	74	15.70	15.63	15.77	15.61	15.60		
15	16QAM	36	0	15.69	15.64	15.75	15.62	15.61		
15	16QAM	36	20	15.71	15.62	15.78	15.64	15.63	17	0
15	16QAM	36	39	15.70	15.64	15.78	15.63	15.63		
15	16QAM	75	0	15.70	15.60	15.77	15.61	15.63		
15	64QAM	1	0	15.73	15.65	15.74	15.65	15.64		
15	64QAM	1	37	15.70	15.66	15.75	15.62	15.61	17	0
15	64QAM	1	74	15.69	15.65	15.74	15.60	15.60		
15	64QAM	36	0	15.67	15.65	15.73	15.64	15.65		
15	64QAM	36	20	15.69	15.64	15.75	15.62	15.62	17	0
15	64QAM	36	39	15.71	15.63	15.79	15.66	15.65		
15	64QAM	75	0	15.72	15.63	15.77	15.62	15.63		
15	256QAM	1	0	15.69	15.62	15.74	15.65	15.62		
15	256QAM	1	37	15.72	15.61	15.77	15.63	15.61	17	0
15	256QAM	1	74	15.69	15.61	15.73	15.65	15.62		
15	256QAM	36	0	15.70	15.61	15.76	15.62	15.62		
15	256QAM	36	20	15.72	15.60	15.75	15.62	15.65	17	0
15	256QAM	36	39	15.71	15.63	15.79	15.60	15.62		
15	256QAM	75	0	15.72	15.60	15.76	15.62	15.64		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.73	15.64	15.77	15.66	15.61		
10	QPSK	1	25	15.70	15.64	15.78	15.64	15.64	17.00	0
10	QPSK	1	49	15.70	15.65	15.74	15.65	15.64		
10	QPSK	25	0	15.68	15.63	15.74	15.64	15.63		
10	QPSK	25	12	15.67	15.62	15.79	15.62	15.60	17	0
10	QPSK	25	25	15.73	15.65	15.75	15.65	15.64		
10	QPSK	50	0	15.68	15.64	15.78	15.64	15.62		
10	16QAM	1	0	15.69	15.64	15.74	15.65	15.65		
10	16QAM	1	25	15.68	15.64	15.77	15.64	15.60	17	0
10	16QAM	1	49	15.71	15.64	15.78	15.61	15.63		
10	16QAM	25	0	15.70	15.65	15.75	15.65	15.63		
10	16QAM	25	12	15.71	15.63	15.73	15.65	15.65	17	0
10	16QAM	25	25	15.72	15.63	15.76	15.63	15.63		
10	16QAM	50	0	15.68	15.62	15.78	15.65	15.65		
10	64QAM	1	0	15.71	15.62	15.77	15.63	15.64		
10	64QAM	1	25	15.70	15.66	15.74	15.63	15.60	17	0
10	64QAM	1	49	15.73	15.66	15.77	15.65	15.60		
10	64QAM	25	0	15.70	15.63	15.75	15.61	15.65		
10	64QAM	25	12	15.70	15.63	15.77	15.65	15.62	17	0
10	64QAM	25	25	15.68	15.60	15.78	15.62	15.62		
10	64QAM	50	0	15.73	15.62	15.75	15.63	15.65		
10	256QAM	1	0	15.69	15.62	15.77	15.62	15.61		
10	256QAM	1	25	15.68	15.65	15.74	15.63	15.64	17	0
10	256QAM	1	49	15.69	15.65	15.78	15.60	15.64		
10	256QAM	25	0	15.72	15.60	15.74	15.62	15.62		
10	256QAM	25	12	15.68	15.61	15.76	15.66	15.61	17	0
10	256QAM	25	25	15.67	15.62	15.78	15.62	15.62		
10	256QAM	50	0	15.72	15.63	15.78	15.63	15.62		
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	15.71	15.65	15.74	15.61	15.61		
5	QPSK	1	12	15.72	15.65	15.79	15.65	15.66	17.00	0
5	QPSK	1	24	15.67	15.62	15.76	15.63	15.65		
5	QPSK	12	0	15.67	15.65	15.76	15.63	15.62		
5	QPSK	12	7	15.73	15.64	15.78	15.64	15.62	17	0
5	QPSK	12	13	15.70	15.63	15.77	15.62	15.63		
5	QPSK	25	0	15.68	15.63	15.75	15.63	15.64		
5	16QAM	1	0	15.69	15.62	15.77	15.65	15.62		
5	16QAM	1	12	15.67	15.64	15.76	15.63	15.60	17	0
5	16QAM	1	24	15.72	15.61	15.75	15.61	15.60		
5	16QAM	12	0	15.68	15.64	15.74	15.61	15.66		
5	16QAM	12	7	15.69	15.66	15.76	15.65	15.63	17	0
5	16QAM	12	13	15.67	15.63	15.74	15.63	15.61		
5	16QAM	25	0	15.73	15.63	15.77	15.62	15.66		
5	64QAM	1	0	15.72	15.60	15.76	15.66	15.63		
5	64QAM	1	12	15.67	15.63	15.73	15.61	15.60	17	0
5	64QAM	1	24	15.71	15.63	15.74	15.64	15.64		
5	64QAM	12	0	15.71	15.61	15.75	15.61	15.61		
5	64QAM	12	7	15.70	15.60	15.73	15.63	15.62	17	0
5	64QAM	12	13	15.72	15.62	15.75	15.61	15.62		
5	64QAM	25	0	15.68	15.64	15.79	15.65	15.64		
5	256QAM	1	0	15.71	15.63	15.75	15.60	15.63		
5	256QAM	1	12	15.68	15.65	15.78	15.62	15.64	17	0
5	256QAM	1	24	15.68	15.61	15.78	15.62	15.61		
5	256QAM	12	0	15.71	15.64	15.73	15.64	15.64		
5	256QAM	12	7	15.73	15.65	15.75	15.61	15.61	17	0
5	256QAM	12	13	15.70	15.65	15.75	15.65	15.66		
5	256QAM	25	0	15.69	15.65	15.76	15.60	15.65		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.84	13.97	13.92	14.5	0
20	QPSK	1	49	13.85	13.91	13.89		
20	QPSK	1	99	13.85	13.92	13.79		
20	QPSK	50	0	13.68	13.88	13.89	14.5	0
20	QPSK	50	24	13.86	13.77	13.80		
20	QPSK	50	50	13.74	13.72	13.79		
20	QPSK	100	0	13.50	13.68	13.52		
20	16QAM	1	0	13.62	13.57	13.65	14.5	0
20	16QAM	1	49	13.80	13.65	13.61		
20	16QAM	1	99	13.46	13.32	13.51		
20	16QAM	50	0	13.55	13.41	13.59	14.5	0
20	16QAM	50	24	13.45	13.41	13.41		
20	16QAM	50	50	13.57	13.58	13.52		
20	16QAM	100	0	13.44	13.44	13.48		
20	64QAM	1	0	13.64	13.59	13.34	14.5	0
20	64QAM	1	49	13.61	13.47	13.56		
20	64QAM	1	99	13.63	13.45	13.51		
20	64QAM	50	0	13.38	13.43	13.45	14.5	0
20	64QAM	50	24	13.58	13.54	13.48		
20	64QAM	50	50	13.47	13.49	13.52		
20	64QAM	100	0	13.48	13.36	13.52		
20	256QAM	1	0	13.41	13.49	13.53	14.5	0
20	256QAM	1	49	13.56	13.55	13.54		
20	256QAM	1	99	13.53	13.38	13.52		
20	256QAM	50	0	13.67	13.39	13.55	14.5	0
20	256QAM	50	24	13.55	13.47	13.58		
20	256QAM	50	50	13.48	13.31	13.47		
20	256QAM	100	0	13.49	13.47	13.50		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.73	13.84	13.84	14.5	0
15	QPSK	1	37	13.72	13.76	13.80		
15	QPSK	1	74	13.70	13.80	13.73		
15	QPSK	36	0	13.55	13.82	13.80	14.5	0
15	QPSK	36	20	13.78	13.64	13.66		
15	QPSK	36	39	13.62	13.66	13.70		
15	QPSK	75	0	13.37	13.62	13.47		
15	16QAM	1	0	13.52	13.45	13.58	14.5	0
15	16QAM	1	37	13.70	13.54	13.51		
15	16QAM	1	74	13.40	13.27	13.37		
15	16QAM	36	0	13.40	13.33	13.48	14.5	0
15	16QAM	36	20	13.39	13.27	13.26		
15	16QAM	36	39	13.53	13.51	13.41		
15	16QAM	75	0	13.29	13.30	13.34		
15	64QAM	1	0	13.50	13.43	13.30	14.5	0
15	64QAM	1	37	13.57	13.41	13.43		
15	64QAM	1	74	13.52	13.33	13.37		
15	64QAM	36	0	13.24	13.33	13.30	14.5	0
15	64QAM	36	20	13.51	13.46	13.41		
15	64QAM	36	39	13.31	13.42	13.47		
15	64QAM	75	0	13.34	13.31	13.42		
15	256QAM	1	0	13.33	13.37	13.43	14.5	0
15	256QAM	1	37	13.43	13.49	13.49		
15	256QAM	1	74	13.48	13.32	13.38		
15	256QAM	36	0	13.62	13.24	13.40	14.5	0
15	256QAM	36	20	13.41	13.31	13.46		
15	256QAM	36	39	13.36	13.24	13.31		
15	256QAM	75	0	13.35	13.38	13.36		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.79	13.83	13.80	14.5	0
10	QPSK	1	25	13.79	13.76	13.78		
10	QPSK	1	49	13.77	13.87	13.67		
10	QPSK	25	0	13.64	13.74	13.77	14.5	0
10	QPSK	25	12	13.74	13.65	13.66		
10	QPSK	25	25	13.69	13.62	13.68		
10	QPSK	50	0	13.41	13.56	13.37		
10	16QAM	1	0	13.57	13.41	13.53	14.5	0
10	16QAM	1	25	13.71	13.49	13.54		
10	16QAM	1	49	13.35	13.23	13.35		
10	16QAM	25	0	13.48	13.27	13.51	14.5	0
10	16QAM	25	12	13.36	13.32	13.33		
10	16QAM	25	25	13.52	13.44	13.44		
10	16QAM	50	0	13.32	13.36	13.41		
10	64QAM	1	0	13.58	13.51	13.28	14.5	0
10	64QAM	1	25	13.46	13.32	13.43		
10	64QAM	1	49	13.50	13.37	13.41		
10	64QAM	25	0	13.27	13.32	13.36	14.5	0
10	64QAM	25	12	13.50	13.46	13.39		
10	64QAM	25	25	13.34	13.42	13.44		
10	64QAM	50	0	13.40	13.22	13.46		
10	256QAM	1	0	13.31	13.45	13.38	14.5	0
10	256QAM	1	25	13.44	13.39	13.47		
10	256QAM	1	49	13.40	13.27	13.44		
10	256QAM	25	0	13.57	13.28	13.42	14.5	0
10	256QAM	25	12	13.45	13.42	13.43		
10	256QAM	25	25	13.36	13.24	13.33		
10	256QAM	50	0	13.38	13.32	13.46		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.79	13.81	13.81	14.5	0
5	QPSK	1	12	13.81	13.81	13.82		
5	QPSK	1	24	13.80	13.82	13.71		
5	QPSK	12	0	13.58	13.83	13.83	14.5	0
5	QPSK	12	7	13.77	13.67	13.68		
5	QPSK	12	13	13.67	13.63	13.63		
5	QPSK	25	0	13.38	13.54	13.42		
5	16QAM	1	0	13.47	13.46	13.59	14.5	0
5	16QAM	1	12	13.71	13.56	13.52		
5	16QAM	1	24	13.40	13.28	13.41		
5	16QAM	12	0	13.45	13.29	13.47	14.5	0
5	16QAM	12	7	13.32	13.34	13.28		
5	16QAM	12	13	13.45	13.53	13.42		
5	16QAM	25	0	13.35	13.34	13.32		
5	64QAM	1	0	13.58	13.46	13.19	14.5	0
5	64QAM	1	12	13.54	13.41	13.49		
5	64QAM	1	24	13.55	13.32	13.46		
5	64QAM	12	0	13.31	13.38	13.38	14.5	0
5	64QAM	12	7	13.49	13.41	13.40		
5	64QAM	12	13	13.33	13.44	13.36		
5	64QAM	25	0	13.40	13.30	13.41		
5	256QAM	1	0	13.35	13.42	13.45	14.5	0
5	256QAM	1	12	13.49	13.40	13.50		
5	256QAM	1	24	13.45	13.30	13.48		
5	256QAM	12	0	13.62	13.27	13.42	14.5	0
5	256QAM	12	7	13.47	13.34	13.52		
5	256QAM	12	13	13.38	13.24	13.42		
5	256QAM	25	0	13.43	13.43	13.36		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	14.73	14.95	14.85	15.5	0
20	QPSK	1	49	14.88	14.79	14.94		
20	QPSK	1	99	14.84	14.88	14.76		
20	QPSK	50	0	14.64	14.83	14.83	15.5	0
20	QPSK	50	24	14.82	14.70	14.78		
20	QPSK	50	50	14.72	14.75	14.68		
20	QPSK	100	0	14.53	14.67	14.50		
20	16QAM	1	0	14.58	14.52	14.63	15.5	0
20	16QAM	1	49	14.75	14.59	14.62		
20	16QAM	1	99	14.34	14.35	14.44		
20	16QAM	50	0	14.53	14.33	14.51	15.5	0
20	16QAM	50	24	14.36	14.34	14.41		
20	16QAM	50	50	14.54	14.59	14.49		
20	16QAM	100	0	14.36	14.37	14.52		
20	64QAM	1	0	14.59	14.52	14.38	15.5	0
20	64QAM	1	49	14.60	14.36	14.55		
20	64QAM	1	99	14.66	14.36	14.44		
20	64QAM	50	0	14.33	14.37	14.44	15.5	0
20	64QAM	50	24	14.55	14.44	14.46		
20	64QAM	50	50	14.41	14.37	14.52		
20	64QAM	100	0	14.42	14.29	14.53		
20	256QAM	1	0	14.42	14.40	14.49	15.5	0
20	256QAM	1	49	14.53	14.50	14.44		
20	256QAM	1	99	14.56	14.33	14.56		
20	256QAM	50	0	14.59	14.36	14.47	15.5	0
20	256QAM	50	24	14.44	14.32	14.49		
20	256QAM	50	50	14.44	14.34	14.43		
20	256QAM	100	0	14.44	14.51	14.47		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	14.69	14.86	14.71	15.5	0
15	QPSK	1	37	14.83	14.70	14.82		
15	QPSK	1	74	14.76	14.83	14.64		
15	QPSK	36	0	14.51	14.76	14.70	15.5	0
15	QPSK	36	20	14.72	14.55	14.64		
15	QPSK	36	39	14.57	14.63	14.56		
15	QPSK	75	0	14.40	14.59	14.42		
15	16QAM	1	0	14.52	14.41	14.50	15.5	0
15	16QAM	1	37	14.65	14.54	14.57		
15	16QAM	1	74	14.21	14.22	14.30		
15	16QAM	36	0	14.45	14.18	14.35	15.5	0
15	16QAM	36	20	14.22	14.26	14.26		
15	16QAM	36	39	14.39	14.48	14.34		
15	16QAM	75	0	14.24	14.27	14.48		
15	64QAM	1	0	14.48	14.47	14.26	15.5	0
15	64QAM	1	37	14.45	14.29	14.41		
15	64QAM	1	74	14.61	14.23	14.37		
15	64QAM	36	0	14.27	14.21	14.37	15.5	0
15	64QAM	36	20	14.42	14.38	14.31		
15	64QAM	36	39	14.34	14.21	14.46		
15	64QAM	75	0	14.27	14.21	14.48		
15	256QAM	1	0	14.35	14.35	14.37	15.5	0
15	256QAM	1	37	14.39	14.34	14.33		
15	256QAM	1	74	14.46	14.26	14.46		
15	256QAM	36	0	14.51	14.22	14.41	15.5	0
15	256QAM	36	20	14.37	14.27	14.39		
15	256QAM	36	39	14.30	14.23	14.28		
15	256QAM	75	0	14.37	14.36	14.40		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	14.65	14.88	14.70	15.5	0
10	QPSK	1	25	14.74	14.75	14.81		
10	QPSK	1	49	14.73	14.76	14.68		
10	QPSK	25	0	14.52	14.70	14.74	15.5	0
10	QPSK	25	12	14.70	14.62	14.63		
10	QPSK	25	25	14.67	14.63	14.54		
10	QPSK	50	0	14.38	14.59	14.38		
10	16QAM	1	0	14.54	14.41	14.48	15.5	0
10	16QAM	1	25	14.68	14.50	14.52		
10	16QAM	1	49	14.24	14.23	14.31		
10	16QAM	25	0	14.40	14.18	14.39	15.5	0
10	16QAM	25	12	14.21	14.26	14.36		
10	16QAM	25	25	14.45	14.52	14.35		
10	16QAM	50	0	14.24	14.26	14.44		
10	64QAM	1	0	14.51	14.41	14.28	15.5	0
10	64QAM	1	25	14.46	14.22	14.39		
10	64QAM	1	49	14.53	14.23	14.39		
10	64QAM	25	0	14.17	14.24	14.31	15.5	0
10	64QAM	25	12	14.46	14.38	14.35		
10	64QAM	25	25	14.34	14.28	14.46		
10	64QAM	50	0	14.36	14.18	14.39		
10	256QAM	1	0	14.34	14.28	14.43	15.5	0
10	256QAM	1	25	14.47	14.43	14.29		
10	256QAM	1	49	14.46	14.27	14.48		
10	256QAM	25	0	14.48	14.26	14.41	15.5	0
10	256QAM	25	12	14.29	14.22	14.44		
10	256QAM	25	25	14.38	14.29	14.36		
10	256QAM	50	0	14.34	14.36	14.34		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	14.62	14.81	14.76	15.5	0
5	QPSK	1	12	14.82	14.74	14.81		
5	QPSK	1	24	14.70	14.72	14.72		
5	QPSK	12	0	14.53	14.71	14.77	15.5	0
5	QPSK	12	7	14.69	14.61	14.66		
5	QPSK	12	13	14.66	14.60	14.56		
5	QPSK	25	0	14.48	14.59	14.45		
5	16QAM	1	0	14.49	14.40	14.51	15.5	0
5	16QAM	1	12	14.68	14.48	14.56		
5	16QAM	1	24	14.29	14.30	14.29		
5	16QAM	12	0	14.49	14.21	14.36	15.5	0
5	16QAM	12	7	14.27	14.30	14.29		
5	16QAM	12	13	14.48	14.46	14.39		
5	16QAM	25	0	14.29	14.23	14.47		
5	64QAM	1	0	14.47	14.39	14.27	15.5	0
5	64QAM	1	12	14.44	14.22	14.49		
5	64QAM	1	24	14.56	14.30	14.35		
5	64QAM	12	0	14.19	14.26	14.32	15.5	0
5	64QAM	12	7	14.40	14.37	14.37		
5	64QAM	12	13	14.26	14.23	14.45		
5	64QAM	25	0	14.31	14.16	14.41		
5	256QAM	1	0	14.33	14.27	14.44	15.5	0
5	256QAM	1	12	14.47	14.39	14.34		
5	256QAM	1	24	14.49	14.26	14.51		
5	256QAM	12	0	14.53	14.21	14.43	15.5	0
5	256QAM	12	7	14.33	14.19	14.38		
5	256QAM	12	13	14.32	14.23	14.28		
5	256QAM	25	0	14.30	14.44	14.43		

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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	14.73	14.72	14.89	14.74	14.81	15.5	0
20	QPSK	1	49	14.69	14.76	14.84	14.83	14.82		
20	QPSK	1	99	14.74	14.78	14.81	14.72	14.78		
20	QPSK	50	0	14.61	14.61	14.77	14.69	14.72	15.5	0
20	QPSK	50	24	14.59	14.66	14.63	14.65	14.66		
20	QPSK	50	50	14.58	14.72	14.64	14.61	14.68		
20	QPSK	100	0	14.40	14.48	14.54	14.40	14.38		
20	16QAM	1	0	14.48	14.61	14.49	14.56	14.63	15.5	0
20	16QAM	1	49	14.66	14.66	14.55	14.51	14.54		
20	16QAM	1	99	14.28	14.31	14.30	14.38	14.39		
20	16QAM	50	0	14.53	14.54	14.30	14.54	14.43	15.5	0
20	16QAM	50	24	14.39	14.28	14.28	14.37	14.38		
20	16QAM	50	50	14.48	14.45	14.48	14.43	14.46		
20	16QAM	100	0	14.37	14.29	14.32	14.42	14.40		
20	64QAM	1	0	14.43	14.45	14.49	14.34	14.22	15.5	0
20	64QAM	1	49	14.44	14.55	14.38	14.48	14.42		
20	64QAM	1	99	14.49	14.50	14.37	14.42	14.40		
20	64QAM	50	0	14.34	14.25	14.30	14.41	14.44	15.5	0
20	64QAM	50	24	14.48	14.56	14.46	14.36	14.41		
20	64QAM	50	50	14.36	14.30	14.32	14.42	14.48		
20	64QAM	100	0	14.39	14.46	14.33	14.41	14.52		
20	256QAM	1	0	14.29	14.30	14.43	14.41	14.37	15.5	0
20	256QAM	1	49	14.38	14.46	14.44	14.44	14.38		
20	256QAM	1	99	14.49	14.44	14.23	14.51	14.43		
20	256QAM	50	0	14.59	14.56	14.28	14.43	14.43	15.5	0
20	256QAM	50	24	14.46	14.41	14.27	14.41	14.48		
20	256QAM	50	50	14.42	14.41	14.26	14.41	14.39		
20	256QAM	100	0	14.39	14.48	14.45	14.39	14.47		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	14.61	14.63	14.71	14.69	14.76	15.50	0
15	QPSK	1	37	14.55	14.66	14.73	14.70	14.85		
15	QPSK	1	74	14.60	14.62	14.71	14.59	14.65		
15	QPSK	36	0	14.47	14.52	14.66	14.55	14.67	15.5	0
15	QPSK	36	20	14.47	14.56	14.55	14.58	14.53		
15	QPSK	36	39	14.43	14.66	14.55	14.50	14.56		
15	QPSK	75	0	14.26	14.39	14.39	14.34	14.23		
15	16QAM	1	0	14.35	14.52	14.43	14.41	14.54	15.5	0
15	16QAM	1	37	14.60	14.51	14.51	14.38	14.48		
15	16QAM	1	74	14.21	14.22	14.21	14.27	14.24		
15	16QAM	36	0	14.46	14.45	14.16	14.42	14.32	15.5	0
15	16QAM	36	20	14.30	14.23	14.17	14.32	14.24		
15	16QAM	36	39	14.35	14.32	14.41	14.29	14.30		
15	16QAM	75	0	14.28	14.16	14.20	14.31	14.32		
15	64QAM	1	0	14.34	14.41	14.41	14.19	14.16	15.5	0
15	64QAM	1	37	14.33	14.44	14.32	14.41	14.30		
15	64QAM	1	74	14.34	14.42	14.32	14.29	14.25		
15	64QAM	36	0	14.29	14.18	14.20	14.32	14.34	15.5	0
15	64QAM	36	20	14.42	14.43	14.39	14.23	14.32		
15	64QAM	36	39	14.25	14.17	14.21	14.32	14.37		
15	64QAM	75	0	14.30	14.39	14.18	14.26	14.42		
15	256QAM	1	0	14.21	14.23	14.34	14.33	14.21	15.5	0
15	256QAM	1	37	14.31	14.40	14.34	14.28	14.32		
15	256QAM	1	74	14.40	14.35	14.14	14.46	14.35		
15	256QAM	36	0	14.55	14.44	14.19	14.33	14.36	15.5	0
15	256QAM	36	20	14.33	14.31	14.14	14.33	14.38		
15	256QAM	36	39	14.30	14.27	14.17	14.30	14.24		
15	256QAM	75	0	14.29	14.40	14.32	14.33	14.32		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	14.65	14.58	14.73	14.61	14.76	15.50	0
10	QPSK	1	25	14.61	14.65	14.70	14.68	14.83		
10	QPSK	1	49	14.62	14.62	14.74	14.59	14.66		
10	QPSK	25	0	14.57	14.48	14.67	14.61	14.66	15.5	0
10	QPSK	25	12	14.43	14.52	14.51	14.53	14.53		
10	QPSK	25	25	14.47	14.56	14.56	14.48	14.57		
10	QPSK	50	0	14.34	14.38	14.40	14.34	14.28		
10	16QAM	1	0	14.36	14.51	14.43	14.41	14.59	15.5	0
10	16QAM	1	25	14.59	14.55	14.51	14.37	14.43		
10	16QAM	1	49	14.14	14.21	14.16	14.34	14.27		
10	16QAM	25	0	14.46	14.44	14.16	14.50	14.32	15.5	0
10	16QAM	25	12	14.30	14.16	14.22	14.30	14.27		
10	16QAM	25	25	14.41	14.39	14.43	14.32	14.39		
10	16QAM	50	0	14.27	14.13	14.17	14.37	14.26		
10	64QAM	1	0	14.36	14.38	14.42	14.26	14.12	15.5	0
10	64QAM	1	25	14.34	14.43	14.29	14.38	14.32		
10	64QAM	1	49	14.40	14.42	14.25	14.33	14.26		
10	64QAM	25	0	14.20	14.19	14.18	14.30	14.30	15.5	0
10	64QAM	25	12	14.38	14.52	14.38	14.24	14.32		
10	64QAM	25	25	14.26	14.19	14.17	14.35	14.32		
10	64QAM	50	0	14.24	14.33	14.27	14.30	14.40		
10	256QAM	1	0	14.18	14.25	14.28	14.31	14.31	15.5	0
10	256QAM	1	25	14.28	14.37	14.32	14.30	14.24		
10	256QAM	1	49	14.34	14.39	14.08	14.39	14.36		
10	256QAM	25	0	14.45	14.41	14.16	14.31	14.38	15.5	0
10	256QAM	25	12	14.32	14.33	14.17	14.32	14.36		
10	256QAM	25	25	14.35	14.31	14.20	14.28	14.29		
10	256QAM	50	0	14.31	14.38	14.35	14.35	14.40		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	14.66	14.61	14.71	14.64	14.70	15.50	0
5	QPSK	1	12	14.60	14.62	14.79	14.69	14.85		
5	QPSK	1	24	14.63	14.64	14.71	14.60	14.73		
5	QPSK	12	0	14.54	14.54	14.72	14.60	14.68	15.5	0
5	QPSK	12	7	14.46	14.55	14.59	14.56	14.60		
5	QPSK	12	13	14.53	14.60	14.50	14.55	14.60		
5	QPSK	25	0	14.36	14.35	14.48	14.31	14.24		
5	16QAM	1	0	14.37	14.55	14.40	14.45	14.53	15.5	0
5	16QAM	1	12	14.54	14.60	14.50	14.43	14.49		
5	16QAM	1	24	14.13	14.24	14.23	14.24	14.33		
5	16QAM	12	0	14.40	14.39	14.18	14.50	14.36	15.5	0
5	16QAM	12	7	14.28	14.18	14.19	14.26	14.26		
5	16QAM	12	13	14.34	14.31	14.33	14.35	14.41		
5	16QAM	25	0	14.32	14.22	14.23	14.37	14.36		
5	64QAM	1	0	14.35	14.39	14.42	14.22	14.10	15.5	0
5	64QAM	1	12	14.38	14.40	14.34	14.42	14.31		
5	64QAM	1	24	14.34	14.45	14.25	14.32	14.31		
5	64QAM	12	0	14.20	14.14	14.22	14.28	14.36	15.5	0
5	64QAM	12	7	14.35	14.47	14.34	14.32	14.37		
5	64QAM	12	13	14.22	14.21	14.21	14.30	14.39		
5	64QAM	25	0	14.30	14.34	14.24	14.31	14.43		
5	256QAM	1	0	14.15	14.23	14.29	14.29	14.21	15.5	0
5	256QAM	1	12	14.34	14.36	14.31	14.30	14.22		
5	256QAM	1	24	14.34	14.31	14.12	14.37	14.33		
5	256QAM	12	0	14.47	14.43	14.22	14.33	14.37	15.5	0
5	256QAM	12	7	14.34	14.29	14.14	14.34	14.33		
5	256QAM	12	13	14.36	14.25	14.13	14.36	14.24		
5	256QAM	25	0	14.30	14.40	14.29	14.29	14.33		

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BW [MHz]	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	17.79	17.90	17.82	19	0
20	QPSK	1	49	17.73	17.79	17.81		
20	QPSK	1	99	17.76	17.76	17.81		
20	QPSK	50	0	17.55	17.82	17.80	19	0
20	QPSK	50	24	17.73	17.65	17.70		
20	QPSK	50	50	17.71	17.70	17.68		
20	QPSK	100	0	17.42	17.67	17.48		
20	16QAM	1	0	17.58	17.49	17.56	19	0
20	16QAM	1	49	17.62	17.59	17.61		
20	16QAM	1	99	17.35	17.22	17.47		
20	16QAM	50	0	17.52	17.29	17.47	19	0
20	16QAM	50	24	17.35	17.35	17.44		
20	16QAM	50	50	17.48	17.48	17.46		
20	16QAM	100	0	17.35	17.34	17.41		
20	64QAM	1	0	17.54	17.54	17.37	19	0
20	64QAM	1	49	17.48	17.34	17.58		
20	64QAM	1	99	17.52	17.36	17.45		
20	64QAM	50	0	17.29	17.40	17.46	19	0
20	64QAM	50	24	17.53	17.51	17.41		
20	64QAM	50	50	17.40	17.42	17.48		
20	64QAM	100	0	17.43	17.32	17.43		
20	256QAM	1	0	17.34	17.42	17.49	19	0
20	256QAM	1	49	17.45	17.45	17.45		
20	256QAM	1	99	17.55	17.30	17.51		
20	256QAM	50	0	17.59	17.35	17.39	19	0
20	256QAM	50	24	17.44	17.31	17.49		
20	256QAM	50	50	17.40	17.32	17.45		
20	256QAM	100	0	17.52	17.44	17.49		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.69	17.78	17.69	19	0
15	QPSK	1	37	17.62	17.63	17.76		
15	QPSK	1	74	17.64	17.64	17.70		
15	QPSK	36	0	17.50	17.75	17.75	19	0
15	QPSK	36	20	17.68	17.53	17.56		
15	QPSK	36	39	17.59	17.62	17.53		
15	QPSK	75	0	17.33	17.54	17.42		
15	16QAM	1	0	17.42	17.40	17.52	19	0
15	16QAM	1	37	17.56	17.43	17.55		
15	16QAM	1	74	17.22	17.15	17.40		
15	16QAM	36	0	17.42	17.19	17.37	19	0
15	16QAM	36	20	17.25	17.31	17.36		
15	16QAM	36	39	17.33	17.38	17.40		
15	16QAM	75	0	17.23	17.26	17.32		
15	64QAM	1	0	17.46	17.48	17.29	19	0
15	64QAM	1	37	17.33	17.22	17.52		
15	64QAM	1	74	17.48	17.27	17.34		
15	64QAM	36	0	17.14	17.27	17.35	19	0
15	64QAM	36	20	17.44	17.45	17.27		
15	64QAM	36	39	17.32	17.36	17.40		
15	64QAM	75	0	17.37	17.28	17.29		
15	256QAM	1	0	17.28	17.29	17.38	19	0
15	256QAM	1	37	17.33	17.35	17.35		
15	256QAM	1	74	17.46	17.23	17.39		
15	256QAM	36	0	17.49	17.30	17.25	19	0
15	256QAM	36	20	17.36	17.19	17.44		
15	256QAM	36	39	17.35	17.22	17.37		
15	256QAM	75	0	17.37	17.39	17.37		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.66	17.76	17.76	19	0
10	QPSK	1	25	17.68	17.67	17.72		
10	QPSK	1	49	17.62	17.66	17.69		
10	QPSK	25	0	17.48	17.78	17.68	19	0
10	QPSK	25	12	17.61	17.56	17.65		
10	QPSK	25	25	17.65	17.63	17.61		
10	QPSK	50	0	17.31	17.60	17.37		
10	16QAM	1	0	17.46	17.43	17.41	19	0
10	16QAM	1	25	17.48	17.45	17.49		
10	16QAM	1	49	17.21	17.12	17.34		
10	16QAM	25	0	17.44	17.13	17.36	19	0
10	16QAM	25	12	17.31	17.24	17.30		
10	16QAM	25	25	17.41	17.36	17.36		
10	16QAM	50	0	17.21	17.30	17.32		
10	64QAM	1	0	17.44	17.41	17.27	19	0
10	64QAM	1	25	17.44	17.27	17.49		
10	64QAM	1	49	17.39	17.30	17.31		
10	64QAM	25	0	17.25	17.27	17.40	19	0
10	64QAM	25	12	17.41	17.45	17.36		
10	64QAM	25	25	17.27	17.35	17.37		
10	64QAM	50	0	17.37	17.25	17.31		
10	256QAM	1	0	17.25	17.34	17.40	19	0
10	256QAM	1	25	17.31	17.41	17.31		
10	256QAM	1	49	17.47	17.19	17.36		
10	256QAM	25	0	17.45	17.26	17.33	19	0
10	256QAM	25	12	17.28	17.19	17.33		
10	256QAM	25	25	17.34	17.18	17.37		
10	256QAM	50	0	17.42	17.30	17.39		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.74	17.82	17.70	19	0
5	QPSK	1	12	17.60	17.69	17.66		
5	QPSK	1	24	17.70	17.66	17.68		
5	QPSK	12	0	17.48	17.71	17.74	19	0
5	QPSK	12	7	17.64	17.56	17.62		
5	QPSK	12	13	17.60	17.61	17.62		
5	QPSK	25	0	17.35	17.57	17.40		
5	16QAM	1	0	17.43	17.33	17.48	19	0
5	16QAM	1	12	17.47	17.55	17.54		
5	16QAM	1	24	17.21	17.06	17.32		
5	16QAM	12	0	17.38	17.21	17.34	19	0
5	16QAM	12	7	17.21	17.25	17.40		
5	16QAM	12	13	17.38	17.34	17.33		
5	16QAM	25	0	17.26	17.20	17.30		
5	64QAM	1	0	17.42	17.48	17.25	19	0
5	64QAM	1	12	17.42	17.24	17.53		
5	64QAM	1	24	17.41	17.30	17.29		
5	64QAM	12	0	17.25	17.32	17.41	19	0
5	64QAM	12	7	17.46	17.40	17.31		
5	64QAM	12	13	17.35	17.37	17.40		
5	64QAM	25	0	17.28	17.19	17.31		
5	256QAM	1	0	17.25	17.35	17.44	19	0
5	256QAM	1	12	17.31	17.30	17.29		
5	256QAM	1	24	17.48	17.20	17.35		
5	256QAM	12	0	17.53	17.25	17.31	19	0
5	256QAM	12	7	17.30	17.21	17.36		
5	256QAM	12	13	17.31	17.27	17.37		
5	256QAM	25	0	17.47	17.29	17.33		

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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	17.66	17.63	17.74	17.65	17.67	19	0
20	QPSK	1	49	17.65	17.68	17.72	17.69	17.67		
20	QPSK	1	99	17.72	17.66	17.66	17.68	17.68		
20	QPSK	50	0	17.51	17.45	17.71	17.61	17.62	19	0
20	QPSK	50	24	17.60	17.65	17.58	17.61	17.55		
20	QPSK	50	50	17.53	17.56	17.56	17.60	17.65		
20	QPSK	100	0	17.31	17.33	17.57	17.31	17.28		
20	16QAM	1	0	17.45	17.52	17.35	17.43	17.45	19	0
20	16QAM	1	49	17.64	17.51	17.50	17.42	17.45		
20	16QAM	1	99	17.25	17.21	17.19	17.32	17.31		
20	16QAM	50	0	17.37	17.41	17.27	17.41	17.43	19	0
20	16QAM	50	24	17.23	17.28	17.24	17.26	17.29		
20	16QAM	50	50	17.37	17.39	17.35	17.34	17.35		
20	16QAM	100	0	17.27	17.27	17.26	17.40	17.28		
20	64QAM	1	0	17.40	17.46	17.37	17.22	17.16	19	0
20	64QAM	1	49	17.33	17.45	17.29	17.45	17.42		
20	64QAM	1	99	17.48	17.49	17.27	17.38	17.29		
20	64QAM	50	0	17.24	17.21	17.19	17.26	17.38	19	0
20	64QAM	50	24	17.41	17.42	17.35	17.25	17.25		
20	64QAM	50	50	17.23	17.24	17.29	17.31	17.39		
20	64QAM	100	0	17.33	17.39	17.24	17.31	17.48		
20	256QAM	1	0	17.24	17.23	17.27	17.36	17.34	19	0
20	256QAM	1	49	17.29	17.43	17.35	17.28	17.29		
20	256QAM	1	99	17.38	17.38	17.11	17.45	17.36		
20	256QAM	50	0	17.42	17.47	17.27	17.34	17.31	19	0
20	256QAM	50	24	17.29	17.30	17.23	17.37	17.47		
20	256QAM	50	50	17.33	17.40	17.18	17.29	17.24		
20	256QAM	100	0	17.36	17.39	17.37	17.35	17.35		
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	17.61	17.51	17.68	17.53	17.54	19.00	0
15	QPSK	1	37	17.50	17.54	17.65	17.71	17.69		
15	QPSK	1	74	17.66	17.58	17.60	17.57	17.59		
15	QPSK	36	0	17.47	17.32	17.63	17.55	17.49	19	0
15	QPSK	36	20	17.54	17.58	17.46	17.45	17.40		
15	QPSK	36	39	17.44	17.51	17.41	17.46	17.54		
15	QPSK	75	0	17.24	17.29	17.43	17.23	17.14		
15	16QAM	1	0	17.35	17.46	17.22	17.29	17.35	19	0
15	16QAM	1	37	17.53	17.42	17.44	17.36	17.36		
15	16QAM	1	74	17.16	17.07	17.10	17.27	17.22		
15	16QAM	36	0	17.27	17.29	17.19	17.29	17.30	19	0
15	16QAM	36	20	17.19	17.18	17.12	17.13	17.21		
15	16QAM	36	39	17.32	17.33	17.20	17.29	17.22		
15	16QAM	75	0	17.15	17.18	17.13	17.29	17.15		
15	64QAM	1	0	17.27	17.33	17.26	17.07	17.02	19	0
15	64QAM	1	37	17.28	17.39	17.14	17.40	17.37		
15	64QAM	1	74	17.35	17.40	17.14	17.22	17.21		
15	64QAM	36	0	17.14	17.05	17.07	17.15	17.25	19	0
15	64QAM	36	20	17.26	17.33	17.21	17.10	17.19		
15	64QAM	36	39	17.09	17.17	17.15	17.15	17.35		
15	64QAM	75	0	17.22	17.31	17.15	17.20	17.43		
15	256QAM	1	0	17.10	17.17	17.16	17.21	17.30	19	0
15	256QAM	1	37	17.15	17.30	17.27	17.16	17.23		
15	256QAM	1	74	17.27	17.27	17.23	17.30	17.31		
15	256QAM	36	0	17.27	17.33	17.16	17.30	17.18	19	0
15	256QAM	36	20	17.19	17.24	17.10	17.31	17.35		
15	256QAM	36	39	17.24	17.32	17.09	17.22	17.13		
15	256QAM	75	0	17.24	17.33	17.22	17.29	17.21		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.59	17.50	17.63	17.58	17.57	19.00	0
10	QPSK	1	25	17.52	17.60	17.68	17.67	17.67		
10	QPSK	1	49	17.67	17.52	17.51	17.58	17.61		
10	QPSK	25	0	17.36	17.40	17.61	17.57	17.47	19	0
10	QPSK	25	12	17.48	17.53	17.44	17.55	17.48		
10	QPSK	25	25	17.42	17.52	17.51	17.46	17.52		
10	QPSK	50	0	17.21	17.18	17.41	17.16	17.21		
10	16QAM	1	0	17.37	17.45	17.24	17.36	17.35	19	0
10	16QAM	1	25	17.48	17.35	17.36	17.36	17.40		
10	16QAM	1	49	17.18	17.13	17.07	17.19	17.20		
10	16QAM	25	0	17.22	17.31	17.17	17.26	17.38	19	0
10	16QAM	25	12	17.16	17.23	17.14	17.14	17.25		
10	16QAM	25	25	17.26	17.24	17.30	17.19	17.28		
10	16QAM	50	0	17.20	17.20	17.11	17.33	17.19		
10	64QAM	1	0	17.25	17.42	17.32	17.15	17.12	19	0
10	64QAM	1	25	17.28	17.34	17.22	17.36	17.36		
10	64QAM	1	49	17.36	17.42	17.15	17.30	17.22		
10	64QAM	25	0	17.11	17.15	17.15	17.20	17.26	19	0
10	64QAM	25	12	17.36	17.31	17.30	17.14	17.12		
10	64QAM	25	25	17.14	17.16	17.16	17.20	17.29		
10	64QAM	50	0	17.27	17.33	17.15	17.21	17.40		
10	256QAM	1	0	17.09	17.18	17.21	17.22	17.30	19	0
10	256QAM	1	25	17.20	17.29	17.25	17.13	17.21		
10	256QAM	1	49	17.32	17.25	17.03	17.38	17.31		
10	256QAM	25	0	17.38	17.37	17.22	17.26	17.26	19	0
10	256QAM	25	12	17.19	17.23	17.15	17.32	17.39		
10	256QAM	25	25	17.23	17.33	17.13	17.24	17.18		
10	256QAM	50	0	17.25	17.26	17.25	17.26	17.28		
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	17.50	17.56	17.65	17.57	17.56	19.00	0
5	QPSK	1	12	17.50	17.61	17.59	17.74	17.66		
5	QPSK	1	24	17.61	17.54	17.59	17.57	17.62		
5	QPSK	12	0	17.39	17.39	17.67	17.55	17.46	19	0
5	QPSK	12	7	17.46	17.55	17.49	17.56	17.47		
5	QPSK	12	13	17.46	17.41	17.48	17.48	17.57		
5	QPSK	25	0	17.15	17.22	17.47	17.20	17.14		
5	16QAM	1	0	17.38	17.37	17.20	17.34	17.36	19	0
5	16QAM	1	12	17.60	17.43	17.41	17.28	17.34		
5	16QAM	1	24	17.13	17.16	17.23	17.23	17.19		
5	16QAM	12	0	17.21	17.28	17.16	17.26	17.39	19	0
5	16QAM	12	7	17.09	17.13	17.18	17.10	17.22		
5	16QAM	12	13	17.27	17.34	17.30	17.28	17.22		
5	16QAM	25	0	17.22	17.21	17.10	17.35	17.14		
5	64QAM	1	0	17.32	17.39	17.32	17.14	17.08	19	0
5	64QAM	1	12	17.24	17.38	17.25	17.37	17.33		
5	64QAM	1	24	17.36	17.45	17.21	17.31	17.21		
5	64QAM	12	0	17.11	17.16	17.11	17.22	17.26	19	0
5	64QAM	12	7	17.30	17.32	17.22	17.15	17.10		
5	64QAM	12	13	17.15	17.12	17.21	17.22	17.32		
5	64QAM	25	0	17.22	17.31	17.15	17.25	17.36		
5	256QAM	1	0	17.12	17.10	17.21	17.31	17.28	19	0
5	256QAM	1	12	17.17	17.31	17.19	17.23	17.24		
5	256QAM	1	24	17.33	17.31	17.32	17.37	17.24		
5	256QAM	12	0	17.35	17.32	17.14	17.27	17.16	19	0
5	256QAM	12	7	17.18	17.20	17.10	17.33	17.35		
5	256QAM	12	13	17.28	17.32	17.05	17.14	17.17		
5	256QAM	25	0	17.27	17.31	17.29	17.20	17.23		

Band 2 other PA Ant 5 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.13	24.17	24.10	25	0
20	QPSK	1	49	24.02	24.13	24.06		
20	QPSK	1	99	24.09	24.11	23.96		
20	QPSK	50	0	23.09	23.19	23.13	24	1
20	QPSK	50	24	22.99	23.18	23.01		
20	QPSK	50	50	23.07	23.12	22.96		
20	QPSK	100	0	23.07	23.18	23.13		
20	16QAM	1	0	23.13	23.12	23.11	24	1
20	16QAM	1	49	23.06	23.18	23.06		
20	16QAM	1	99	23.04	23.10	22.99		
20	16QAM	50	0	22.05	22.15	22.14	23	2
20	16QAM	50	24	21.96	22.18	22.02		
20	16QAM	50	50	22.09	22.17	21.96		
20	16QAM	100	0	22.12	22.20	22.15		
20	64QAM	1	0	22.10	22.07	22.06	23	2
20	64QAM	1	49	22.00	22.20	22.00		
20	64QAM	1	99	22.01	22.15	21.96		
20	64QAM	50	0	21.04	21.20	21.08	22	3
20	64QAM	50	24	21.03	21.23	21.04		
20	64QAM	50	50	21.03	21.17	20.96		
20	64QAM	100	0	21.07	21.23	21.07		
20	256QAM	1	0	19.07	19.16	19.16	20	5
20	256QAM	1	49	18.99	19.20	19.03		
20	256QAM	1	99	19.03	19.16	18.91		
20	256QAM	50	0	19.11	19.12	19.10	20	5
20	256QAM	50	24	19.10	19.08	19.09		
20	256QAM	50	50	19.07	19.23	19.11		
20	256QAM	100	0	19.09	19.07	19.01		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.03	24.07	24.01	25	0
15	QPSK	1	37	23.92	24.03	24.01		
15	QPSK	1	74	23.97	24.04	23.85		
15	QPSK	36	0	23.02	23.16	23.04	24	1
15	QPSK	36	20	22.92	23.05	22.96		
15	QPSK	36	39	22.99	23.08	22.83		
15	QPSK	75	0	22.96	23.06	23.10		
15	16QAM	1	0	23.10	23.02	23.09	24	1
15	16QAM	1	37	22.99	23.14	22.96		
15	16QAM	1	74	22.93	23.01	22.95		
15	16QAM	36	0	21.99	22.02	22.03	23	2
15	16QAM	36	20	21.85	22.12	21.91		
15	16QAM	36	39	21.95	22.13	21.94		
15	16QAM	75	0	21.99	22.17	22.11		
15	64QAM	1	0	22.04	21.97	21.93	23	2
15	64QAM	1	37	21.92	22.14	21.88		
15	64QAM	1	74	21.88	22.12	21.93		
15	64QAM	36	0	20.96	21.10	20.96	22	3
15	64QAM	36	20	20.96	21.13	20.93		
15	64QAM	36	39	20.98	21.08	20.88		
15	64QAM	75	0	21.00	21.14	20.97		
15	256QAM	1	0	18.94	19.07	19.10	20	5
15	256QAM	1	37	18.90	19.08	18.89		
15	256QAM	1	74	18.97	19.07	18.84		
15	256QAM	36	0	18.99	19.02	19.00	20	5
15	256QAM	36	20	19.00	18.95	18.98		
15	256QAM	36	39	19.02	19.17	18.97		
15	256QAM	75	0	19.06	18.93	18.93		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.09	24.03	24.05	25	0
10	QPSK	1	25	23.98	24.08	24.00		
10	QPSK	1	49	23.95	24.00	23.88		
10	QPSK	25	0	23.04	23.17	23.06	24	1
10	QPSK	25	12	22.93	23.06	22.95		
10	QPSK	25	25	22.95	23.00	22.91		
10	QPSK	50	0	22.99	23.12	23.07		
10	16QAM	1	0	23.01	22.98	22.99	24	1
10	16QAM	1	25	23.01	23.05	23.01		
10	16QAM	1	49	22.93	23.00	22.93		
10	16QAM	25	0	22.00	22.11	22.01	23	2
10	16QAM	25	12	21.86	22.10	21.89		
10	16QAM	25	25	22.03	22.12	21.94		
10	16QAM	50	0	22.04	22.08	22.04		
10	64QAM	1	0	22.08	21.97	21.94	23	2
10	64QAM	1	25	21.92	22.18	21.94		
10	64QAM	1	49	21.90	22.04	21.87		
10	64QAM	25	0	20.91	21.07	20.94	22	3
10	64QAM	25	12	20.99	21.10	20.98		
10	64QAM	25	25	20.91	21.11	20.91		
10	64QAM	50	0	20.97	21.16	20.96		
10	256QAM	1	0	18.98	19.08	19.04	20	5
10	256QAM	1	25	18.92	19.16	18.95		
10	256QAM	1	49	18.98	19.11	18.78		
10	256QAM	25	0	19.00	19.06	18.97	20	5
10	256QAM	25	12	18.96	19.01	19.05		
10	256QAM	25	25	19.05	19.14	19.03		
10	256QAM	50	0	18.99	19.01	18.98		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.01	24.06	24.04	25	0
5	QPSK	1	12	23.92	24.05	23.95		
5	QPSK	1	24	24.04	24.06	23.94		
5	QPSK	12	0	23.00	23.11	23.03	24	1
5	QPSK	12	7	22.96	23.09	22.89		
5	QPSK	12	13	23.01	23.01	22.86		
5	QPSK	25	0	22.96	23.14	23.02		
5	16QAM	1	0	23.01	23.08	23.03	24	1
5	16QAM	1	12	23.04	23.05	23.01		
5	16QAM	1	24	22.92	23.03	22.97		
5	16QAM	12	0	21.94	22.06	22.06	23	2
5	16QAM	12	7	21.85	22.09	21.95		
5	16QAM	12	13	22.02	22.14	21.90		
5	16QAM	25	0	22.10	22.16	22.03		
5	64QAM	1	0	22.06	21.98	22.01	23	2
5	64QAM	1	12	21.94	22.06	21.88		
5	64QAM	1	24	21.96	22.12	21.90		
5	64QAM	12	0	20.97	21.15	21.01	22	3
5	64QAM	12	7	20.92	21.17	20.99		
5	64QAM	12	13	20.90	21.06	20.90		
5	64QAM	25	0	21.02	21.20	21.03		
5	256QAM	1	0	19.05	19.09	19.05	20	5
5	256QAM	1	12	18.92	19.13	18.90		
5	256QAM	1	24	18.96	19.09	18.85		
5	256QAM	12	0	19.08	18.99	18.97	20	5
5	256QAM	12	7	19.03	19.01	19.02		
5	256QAM	12	13	18.94	19.13	19.00		
5	256QAM	25	0	18.97	19.02	18.88		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.07	24.11	24.01	25	0
3	QPSK	1	8	23.99	24.05	23.96		
3	QPSK	1	14	24.06	24.03	23.89		
3	QPSK	8	0	23.02	23.09	23.10	24	1
3	QPSK	8	4	22.90	23.12	22.94		
3	QPSK	8	7	22.97	23.09	22.94		
3	QPSK	15	0	23.02	23.12	23.08		
3	16QAM	1	0	23.11	23.06	23.08	24	1
3	16QAM	1	8	22.94	23.05	23.02		
3	16QAM	1	14	22.90	22.96	22.96		
3	16QAM	8	0	22.00	22.02	22.03	23	2
3	16QAM	8	4	21.93	22.04	21.89		
3	16QAM	8	7	21.97	22.04	21.84		
3	16QAM	15	0	22.02	22.14	22.08		
3	64QAM	1	0	21.98	21.94	21.95	23	2
3	64QAM	1	8	21.89	22.16	21.86		
3	64QAM	1	14	21.95	22.10	21.83		
3	64QAM	8	0	20.97	21.16	20.96	22	3
3	64QAM	8	4	20.96	21.12	20.98		
3	64QAM	8	7	21.00	21.13	20.92		
3	64QAM	15	0	20.96	21.14	20.93		
3	256QAM	1	0	19.05	19.07	19.04	20	5
3	256QAM	1	8	18.96	19.16	18.94		
3	256QAM	1	14	19.00	19.07	18.84		
3	256QAM	8	0	19.02	19.05	18.97	20	5
3	256QAM	8	4	19.03	18.98	19.04		
3	256QAM	8	7	19.00	19.13	19.06		
3	256QAM	15	0	18.96	18.97	18.93		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.02	24.14	24.06	25	0
1.4	QPSK	1	3	23.95	24.04	24.02		
1.4	QPSK	1	5	23.96	23.99	23.86		
1.4	QPSK	3	0	23.92	24.08	24.01		
1.4	QPSK	3	1	23.90	23.94	23.98		
1.4	QPSK	3	3	23.91	23.92	23.80		
1.4	QPSK	6	0	23.00	23.14	23.01	24	1
1.4	16QAM	1	0	23.00	22.99	22.97	24	1
1.4	16QAM	1	3	22.99	23.14	22.97		
1.4	16QAM	1	5	22.91	22.97	22.97		
1.4	16QAM	3	0	22.98	23.06	22.91		
1.4	16QAM	3	1	22.86	22.87	22.87		
1.4	16QAM	3	3	22.87	23.00	22.90		
1.4	16QAM	6	0	22.08	22.17	22.04	23	2
1.4	64QAM	1	0	21.96	22.05	21.94	23	2
1.4	64QAM	1	3	21.94	22.14	21.87		
1.4	64QAM	1	5	21.96	22.03	21.94		
1.4	64QAM	3	0	21.98	22.06	21.95		
1.4	64QAM	3	1	21.83	21.93	21.85		
1.4	64QAM	3	3	21.90	22.11	21.85		
1.4	64QAM	6	0	20.96	21.19	21.04	22	3
1.4	256QAM	1	0	18.99	19.02	19.08	20	5
1.4	256QAM	1	3	18.94	19.08	19.00		
1.4	256QAM	1	5	18.97	19.11	18.79		
1.4	256QAM	3	0	19.07	19.02	19.08		
1.4	256QAM	3	1	19.06	18.97	18.98		
1.4	256QAM	3	3	18.98	19.16	19.08		
1.4	256QAM	6	0	19.00	18.94	18.91	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.10	24.16	24.08	24.5	0
20	QPSK	1	49	24.05	24.10	24.03		
20	QPSK	1	99	24.04	24.09	24.01		
20	QPSK	50	0	23.07	23.16	23.12	23.5	1
20	QPSK	50	24	23.05	23.06	23.06		
20	QPSK	50	50	23.07	23.04	23.02		
20	QPSK	100	0	23.04	23.12	23.12		
20	16QAM	1	0	23.14	23.11	23.10	23.5	1
20	16QAM	1	49	23.05	23.14	22.97		
20	16QAM	1	99	23.02	23.14	23.07		
20	16QAM	50	0	22.08	22.21	22.08	22.5	2
20	16QAM	50	24	21.99	22.01	22.04		
20	16QAM	50	50	22.11	22.03	22.06		
20	16QAM	100	0	22.06	22.11	22.08		
20	64QAM	1	0	22.10	22.12	22.09	22.5	2
20	64QAM	1	49	22.08	22.20	21.92		
20	64QAM	1	99	21.96	22.17	22.04		
20	64QAM	50	0	21.11	21.18	21.07	21.5	3
20	64QAM	50	24	21.07	21.02	21.07		
20	64QAM	50	50	21.04	21.00	21.07		
20	64QAM	100	0	21.03	21.13	21.17		
20	256QAM	1	0	19.11	19.15	19.06	19.5	5
20	256QAM	1	49	19.05	19.03	19.12		
20	256QAM	1	99	19.05	19.10	19.02		
20	256QAM	50	0	19.08	19.15	19.15	19.5	5
20	256QAM	50	24	19.14	19.05	19.13		
20	256QAM	50	50	19.03	19.17	19.00		
20	256QAM	100	0	19.03	19.18	19.06		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.06	24.08	23.96	24.5	0
15	QPSK	1	37	24.03	23.98	23.98		
15	QPSK	1	74	24.01	24.04	23.91		
15	QPSK	36	0	23.03	23.03	22.99	23.5	1
15	QPSK	36	20	23.00	22.95	22.96		
15	QPSK	36	39	22.96	22.92	22.96		
15	QPSK	75	0	22.95	23.01	23.06		
15	16QAM	1	0	23.03	22.99	22.99	23.5	1
15	16QAM	1	37	22.93	23.06	22.94		
15	16QAM	1	74	22.97	23.05	23.03		
15	16QAM	36	0	21.95	22.15	22.02	22.5	2
15	16QAM	36	20	21.91	21.89	21.97		
15	16QAM	36	39	22.08	21.90	22.03		
15	16QAM	75	0	21.94	22.08	22.03		
15	64QAM	1	0	22.01	22.04	21.97	22.5	2
15	64QAM	1	37	21.97	22.12	21.82		
15	64QAM	1	74	21.84	22.09	21.96		
15	64QAM	36	0	20.98	21.14	21.05	21.5	3
15	64QAM	36	20	20.98	20.94	20.95		
15	64QAM	36	39	20.93	20.90	21.03		
15	64QAM	75	0	21.01	20.99	21.13		
15	256QAM	1	0	19.03	19.04	18.96	19.5	5
15	256QAM	1	37	18.96	18.89	19.08		
15	256QAM	1	74	18.92	19.05	18.88		
15	256QAM	36	0	18.95	19.12	19.12	19.5	5
15	256QAM	36	20	19.05	18.93	19.03		
15	256QAM	36	39	18.93	19.14	18.97		
15	256QAM	75	0	18.94	19.14	18.97		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.05	24.08	24.00	24.5	0
10	QPSK	1	25	24.00	24.06	23.90		
10	QPSK	1	49	23.92	24.00	23.94		
10	QPSK	25	0	23.01	23.12	23.04	23.5	1
10	QPSK	25	12	22.92	23.03	23.00		
10	QPSK	25	25	23.01	22.94	22.91		
10	QPSK	50	0	22.99	23.03	23.06		
10	16QAM	1	0	23.10	23.04	22.97	23.5	1
10	16QAM	1	25	23.00	23.02	22.95		
10	16QAM	1	49	22.95	23.01	23.02		
10	16QAM	25	0	21.98	22.17	21.96	22.5	2
10	16QAM	25	12	21.95	21.88	21.91		
10	16QAM	25	25	22.06	21.93	21.99		
10	16QAM	50	0	22.02	22.08	21.98		
10	64QAM	1	0	21.98	22.07	22.06	22.5	2
10	64QAM	1	25	22.01	22.08	21.84		
10	64QAM	1	49	21.84	22.08	21.92		
10	64QAM	25	0	20.97	21.12	20.95	21.5	3
10	64QAM	25	12	20.96	20.93	20.99		
10	64QAM	25	25	20.97	20.89	21.02		
10	64QAM	50	0	20.96	21.06	21.07		
10	256QAM	1	0	19.02	19.05	18.95	19.5	5
10	256QAM	1	25	18.97	18.91	18.99		
10	256QAM	1	49	19.01	19.08	19.00		
10	256QAM	25	0	19.01	19.11	19.12	19.5	5
10	256QAM	25	12	19.11	19.03	19.06		
10	256QAM	25	25	18.91	19.05	18.96		
10	256QAM	50	0	18.94	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	23.99	24.08	24.04	24.5	0
5	QPSK	1	12	23.92	23.97	23.89		
5	QPSK	1	24	23.97	23.97	23.92		
5	QPSK	12	0	22.94	23.06	22.99	23.5	1
5	QPSK	12	7	22.98	22.94	22.96		
5	QPSK	12	13	23.02	22.90	22.93		
5	QPSK	25	0	23.00	23.02	23.02		
5	16QAM	1	0	23.05	23.08	23.05	23.5	1
5	16QAM	1	12	22.95	23.10	22.91		
5	16QAM	1	24	22.97	23.10	23.02		
5	16QAM	12	0	22.01	22.10	22.06	22.5	2
5	16QAM	12	7	21.88	21.94	21.95		
5	16QAM	12	13	22.09	21.98	21.95		
5	16QAM	25	0	22.00	21.99	21.97		
5	64QAM	1	0	22.05	22.04	22.05	22.5	2
5	64QAM	1	12	21.99	22.11	21.89		
5	64QAM	1	24	21.91	22.15	22.02		
5	64QAM	12	0	21.00	21.06	20.98	21.5	3
5	64QAM	12	7	21.03	20.98	21.01		
5	64QAM	12	13	20.99	20.98	21.04		
5	64QAM	25	0	20.99	21.05	21.07		
5	256QAM	1	0	18.98	19.04	18.99	19.5	5
5	256QAM	1	12	18.97	18.95	19.05		
5	256QAM	1	24	19.03	19.01	18.93		
5	256QAM	12	0	18.99	19.09	19.02	19.5	5
5	256QAM	12	7	19.09	18.95	19.00		
5	256QAM	12	13	19.00	19.03	18.98		
5	256QAM	25	0	18.91	19.10	18.97		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.66	23.72	23.61	24.5	0
20	QPSK	1	49	23.56	23.70	23.50		
20	QPSK	1	99	23.63	23.66	23.48		
20	QPSK	50	0	22.72	22.78	22.59	23.5	1
20	QPSK	50	24	22.60	22.73	22.48		
20	QPSK	50	50	22.66	22.72	22.47		
20	QPSK	100	0	22.63	22.75	22.61		
20	16QAM	1	0	22.62	22.72	22.64	23.5	1
20	16QAM	1	49	22.61	22.67	22.50		
20	16QAM	1	99	22.65	22.71	22.54		
20	16QAM	50	0	21.77	21.72	21.57	22.5	2
20	16QAM	50	24	21.59	21.75	21.50		
20	16QAM	50	50	21.68	21.66	21.44		
20	16QAM	100	0	21.67	21.80	21.57		
20	64QAM	1	0	21.61	21.73	21.62	22.5	2
20	64QAM	1	49	21.59	21.69	21.51		
20	64QAM	1	99	21.61	21.76	21.56		
20	64QAM	50	0	20.69	20.83	20.64	21.5	3
20	64QAM	50	24	20.57	20.72	20.50		
20	64QAM	50	50	20.70	20.69	20.43		
20	64QAM	100	0	20.69	20.73	20.59		
20	256QAM	1	0	18.68	18.81	18.58	19.5	5
20	256QAM	1	49	18.60	18.69	18.43		
20	256QAM	1	99	18.71	18.71	18.51		
20	256QAM	50	0	18.67	18.79	18.65	19.5	5
20	256QAM	50	24	18.64	18.69	18.61		
20	256QAM	50	50	18.57	18.70	18.47		
20	256QAM	100	0	18.61	18.67	18.56		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.55	23.66	23.47	24.5	0
15	QPSK	1	37	23.47	23.63	23.46		
15	QPSK	1	74	23.59	23.64	23.37		
15	QPSK	36	0	22.61	22.68	22.53	23.5	1
15	QPSK	36	20	22.55	22.65	22.43		
15	QPSK	36	39	22.56	22.60	22.33		
15	QPSK	75	0	22.61	22.65	22.49		
15	16QAM	1	0	22.54	22.69	22.56	23.5	1
15	16QAM	1	37	22.55	22.57	22.42		
15	16QAM	1	74	22.61	22.67	22.52		
15	16QAM	36	0	21.65	21.68	21.46	22.5	2
15	16QAM	36	20	21.54	21.66	21.40		
15	16QAM	36	39	21.58	21.56	21.38		
15	16QAM	75	0	21.58	21.75	21.52		
15	64QAM	1	0	21.54	21.61	21.51	22.5	2
15	64QAM	1	37	21.54	21.64	21.46		
15	64QAM	1	74	21.51	21.65	21.49		
15	64QAM	36	0	20.55	20.78	20.58	21.5	3
15	64QAM	36	20	20.52	20.67	20.45		
15	64QAM	36	39	20.65	20.65	20.29		
15	64QAM	75	0	20.64	20.66	20.48		
15	256QAM	1	0	18.57	18.79	18.52	19.5	5
15	256QAM	1	37	18.55	18.63	18.40		
15	256QAM	1	74	18.64	18.60	18.37		
15	256QAM	36	0	18.58	18.69	18.56	19.5	5
15	256QAM	36	20	18.51	18.67	18.54		
15	256QAM	36	39	18.55	18.58	18.35		
15	256QAM	75	0	18.51	18.58	18.48		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.55	23.64	23.47	24.5	0
10	QPSK	1	25	23.50	23.68	23.38		
10	QPSK	1	49	23.58	23.54	23.42		
10	QPSK	25	0	22.65	22.72	22.50	23.5	1
10	QPSK	25	12	22.53	22.69	22.39		
10	QPSK	25	25	22.59	22.65	22.41		
10	QPSK	50	0	22.59	22.67	22.56		
10	16QAM	1	0	22.51	22.61	22.55	23.5	1
10	16QAM	1	25	22.58	22.57	22.39		
10	16QAM	1	49	22.61	22.67	22.45		
10	16QAM	25	0	21.68	21.69	21.44	22.5	2
10	16QAM	25	12	21.47	21.62	21.38		
10	16QAM	25	25	21.60	21.54	21.38		
10	16QAM	50	0	21.64	21.67	21.49		
10	64QAM	1	0	21.49	21.69	21.51	22.5	2
10	64QAM	1	25	21.54	21.66	21.37		
10	64QAM	1	49	21.51	21.67	21.51		
10	64QAM	25	0	20.58	20.74	20.61	21.5	3
10	64QAM	25	12	20.50	20.58	20.46		
10	64QAM	25	25	20.59	20.66	20.31		
10	64QAM	50	0	20.64	20.69	20.54		
10	256QAM	1	0	18.56	18.79	18.55	19.5	5
10	256QAM	1	25	18.55	18.60	18.38		
10	256QAM	1	49	18.66	18.68	18.45		
10	256QAM	25	0	18.64	18.72	18.52	19.5	5
10	256QAM	25	12	18.52	18.66	18.57		
10	256QAM	25	25	18.55	18.65	18.36		
10	256QAM	50	0	18.49	18.57	18.52		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.55	23.61	23.52	24.5	0
5	QPSK	1	12	23.51	23.58	23.37		
5	QPSK	1	24	23.59	23.53	23.35		
5	QPSK	12	0	22.62	22.70	22.48	23.5	1
5	QPSK	12	7	22.58	22.67	22.36		
5	QPSK	12	13	22.59	22.60	22.41		
5	QPSK	25	0	22.52	22.64	22.53		
5	16QAM	1	0	22.58	22.61	22.52	23.5	1
5	16QAM	1	12	22.48	22.60	22.44		
5	16QAM	1	24	22.56	22.64	22.41		
5	16QAM	12	0	21.64	21.68	21.43	22.5	2
5	16QAM	12	7	21.50	21.68	21.42		
5	16QAM	12	13	21.56	21.53	21.35		
5	16QAM	25	0	21.64	21.67	21.54		
5	64QAM	1	0	21.55	21.65	21.55	22.5	2
5	64QAM	1	12	21.49	21.56	21.39		
5	64QAM	1	24	21.53	21.71	21.53		
5	64QAM	12	0	20.56	20.72	20.54	21.5	3
5	64QAM	12	7	20.54	20.62	20.46		
5	64QAM	12	13	20.67	20.59	20.35		
5	64QAM	25	0	20.60	20.59	20.51		
5	256QAM	1	0	18.65	18.70	18.51	19.5	5
5	256QAM	1	12	18.53	18.61	18.35		
5	256QAM	1	24	18.57	18.61	18.41		
5	256QAM	12	0	18.57	18.71	18.54	19.5	5
5	256QAM	12	7	18.58	18.56	18.53		
5	256QAM	12	13	18.55	18.63	18.34		
5	256QAM	25	0	18.57	18.65	18.51		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.56	23.52	23.60	23.55	23.50	24.5	0
20	QPSK	1	49	23.50	23.46	23.55	23.48	23.46		
20	QPSK	1	99	23.53	23.47	23.51	23.44	23.41		
20	QPSK	50	0	22.58	22.58	22.64	22.60	22.55	23.5	1
20	QPSK	50	24	22.44	22.48	22.54	22.53	22.43		
20	QPSK	50	50	22.52	22.53	22.51	22.43	22.38		
20	QPSK	100	0	22.57	22.50	22.63	22.58	22.51		
20	16QAM	1	0	22.52	22.53	22.60	22.56	22.51	23.5	1
20	16QAM	1	49	22.46	22.45	22.59	22.47	22.46		
20	16QAM	1	99	22.54	22.42	22.52	22.49	22.40		
20	16QAM	50	0	21.60	21.62	21.67	21.60	21.61	22.5	2
20	16QAM	50	24	21.49	21.46	21.57	21.50	21.44		
20	16QAM	50	50	21.57	21.47	21.45	21.43	21.34		
20	16QAM	100	0	21.57	21.52	21.68	21.60	21.54		
20	64QAM	1	0	21.47	21.53	21.57	21.60	21.48	22.5	2
20	64QAM	1	49	21.51	21.43	21.58	21.45	21.47		
20	64QAM	1	99	21.58	21.37	21.51	21.47	21.38		
20	64QAM	50	0	20.53	20.53	20.69	20.64	20.58	21.5	3
20	64QAM	50	24	20.40	20.43	20.56	20.55	20.43		
20	64QAM	50	50	20.52	20.50	20.47	20.41	20.38		
20	64QAM	100	0	20.58	20.47	20.61	20.54	20.47		
20	256QAM	1	0	18.57	18.63	18.58	18.66	18.52	19.5	5
20	256QAM	1	49	18.48	18.44	18.53	18.55	18.47		
20	256QAM	1	99	18.51	18.47	18.51	18.38	18.33		
20	256QAM	50	0	18.54	18.53	18.58	18.56	18.46	19.5	5
20	256QAM	50	24	18.48	18.50	18.62	18.54	18.51		
20	256QAM	50	50	18.43	18.47	18.65	18.48	18.44		
20	256QAM	100	0	18.57	18.45	18.53	18.50	18.44		
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	23.53	23.40	23.52	23.49	23.48	24.50	0
15	QPSK	1	37	23.37	23.37	23.51	23.39	23.33		
15	QPSK	1	74	23.49	23.44	23.47	23.37	23.37		
15	QPSK	36	0	22.47	22.45	22.52	22.58	22.47	23.5	1
15	QPSK	36	20	22.38	22.41	22.52	22.45	22.30		
15	QPSK	36	39	22.49	22.48	22.46	22.35	22.34		
15	QPSK	75	0	22.52	22.41	22.61	22.52	22.42		
15	16QAM	1	0	22.44	22.45	22.54	22.49	22.45	23.5	1
15	16QAM	1	37	22.41	22.37	22.51	22.34	22.33		
15	16QAM	1	74	22.42	22.39	22.40	22.43	22.36		
15	16QAM	36	0	21.49	21.49	21.64	21.54	21.56	22.5	2
15	16QAM	36	20	21.42	21.39	21.51	21.37	21.33		
15	16QAM	36	39	21.54	21.37	21.38	21.30	21.25		
15	16QAM	75	0	21.51	21.42	21.65	21.56	21.47		
15	64QAM	1	0	21.37	21.43	21.55	21.58	21.42	22.5	2
15	64QAM	1	37	21.38	21.32	21.51	21.33	21.33		
15	64QAM	1	74	21.53	21.23	21.41	21.37	21.34		
15	64QAM	36	0	20.44	20.45	20.66	20.55	20.48	21.5	3
15	64QAM	36	20	20.29	20.40	20.51	20.42	20.31		
15	64QAM	36	39	20.39	20.38	20.35	20.35	20.32		
15	64QAM	75	0	20.55	20.38	20.53	20.47	20.41		
15	256QAM	1	0	18.53	18.58	18.55	18.57	18.43	19.5	5
15	256QAM	1	37	18.40	18.32	18.50	18.43	18.35		
15	256QAM	1	74	18.42	18.34	18.42	18.25	18.19		
15	256QAM	36	0	18.42	18.40	18.55	18.52	18.36	19.5	5
15	256QAM	36	20	18.46	18.42	18.50	18.45	18.47		
15	256QAM	36	39	18.40	18.39	18.59	18.43	18.34		
15	256QAM	75	0	18.54	18.35	18.46	18.47	18.39		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.47	23.44	23.57	23.48	23.46	24.50	0
10	QPSK	1	25	23.44	23.41	23.47	23.44	23.34		
10	QPSK	1	49	23.42	23.41	23.40	23.37	23.27		
10	QPSK	25	0	22.46	22.48	22.62	22.48	22.49	23.5	1
10	QPSK	25	12	22.35	22.45	22.45	22.43	22.32		
10	QPSK	25	25	22.42	22.46	22.46	22.32	22.28		
10	QPSK	50	0	22.54	22.39	22.53	22.52	22.43		
10	16QAM	1	0	22.40	22.49	22.50	22.47	22.43	23.5	1
10	16QAM	1	25	22.43	22.40	22.47	22.38	22.32		
10	16QAM	1	49	22.49	22.38	22.48	22.42	22.33		
10	16QAM	25	0	21.51	21.55	21.59	21.48	21.59	22.5	2
10	16QAM	25	12	21.46	21.32	21.46	21.38	21.35		
10	16QAM	25	25	21.52	21.37	21.31	21.36	21.28		
10	16QAM	50	0	21.48	21.49	21.57	21.51	21.46		
10	64QAM	1	0	21.41	21.40	21.48	21.54	21.37	22.5	2
10	64QAM	1	25	21.49	21.34	21.49	21.32	21.34		
10	64QAM	1	49	21.50	21.29	21.40	21.44	21.35		
10	64QAM	25	0	20.47	20.50	20.64	20.54	20.47	21.5	3
10	64QAM	25	12	20.26	20.39	20.53	20.42	20.40		
10	64QAM	25	25	20.42	20.39	20.39	20.31	20.31		
10	64QAM	50	0	20.45	20.41	20.51	20.48	20.33		
10	256QAM	1	0	18.49	18.61	18.49	18.62	18.48	19.5	5
10	256QAM	1	25	18.44	18.31	18.45	18.50	18.37		
10	256QAM	1	49	18.42	18.43	18.48	18.27	18.29		
10	256QAM	25	0	18.47	18.40	18.54	18.51	18.41	19.5	5
10	256QAM	25	12	18.43	18.46	18.53	18.51	18.49		
10	256QAM	25	25	18.38	18.41	18.58	18.39	18.33		
10	256QAM	50	0	18.53	18.42	18.48	18.42	18.33		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.49	23.42	23.48	23.52	23.46	24.50	0
5	QPSK	1	12	23.38	23.41	23.42	23.39	23.44		
5	QPSK	1	24	23.40	23.43	23.42	23.39	23.28		
5	QPSK	12	0	22.51	22.45	22.52	22.51	22.49	23.5	1
5	QPSK	12	7	22.38	22.38	22.40	22.47	22.32		
5	QPSK	12	13	22.48	22.41	22.46	22.41	22.30		
5	QPSK	25	0	22.49	22.45	22.57	22.56	22.47		
5	16QAM	1	0	22.42	22.42	22.57	22.48	22.47	23.5	1
5	16QAM	1	12	22.41	22.37	22.56	22.33	22.39		
5	16QAM	1	24	22.46	22.37	22.46	22.44	22.37		
5	16QAM	12	0	21.56	21.57	21.55	21.52	21.53	22.5	2
5	16QAM	12	7	21.38	21.35	21.52	21.39	21.33		
5	16QAM	12	13	21.50	21.40	21.40	21.35	21.29		
5	16QAM	25	0	21.49	21.41	21.62	21.48	21.46		
5	64QAM	1	0	21.36	21.47	21.49	21.54	21.39	22.5	2
5	64QAM	1	12	21.43	21.40	21.55	21.40	21.40		
5	64QAM	1	24	21.56	21.29	21.42	21.39	21.32		
5	64QAM	12	0	20.43	20.51	20.64	20.58	20.45	21.5	3
5	64QAM	12	7	20.36	20.36	20.54	20.50	20.30		
5	64QAM	12	13	20.45	20.41	20.43	20.31	20.27		
5	64QAM	25	0	20.52	20.40	20.49	20.47	20.38		
5	256QAM	1	0	18.53	18.56	18.55	18.54	18.43	19.5	5
5	256QAM	1	12	18.41	18.37	18.51	18.46	18.35		
5	256QAM	1	24	18.46	18.35	18.40	18.35	18.30		
5	256QAM	12	0	18.47	18.44	18.48	18.50	18.34	19.5	5
5	256QAM	12	7	18.37	18.44	18.52	18.44	18.42		
5	256QAM	12	13	18.31	18.37	18.54	18.45	18.40		
5	256QAM	25	0	18.49	18.33	18.42	18.37	18.34		

Reduced Power Mode for DSI3_Other PA

Band 2 other PA Ant 2 DSI3

BW [MHz]	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	22.16	22.35	22.21		
20	QPSK	1	49	22.21	22.30	22.13	23.5	0
20	QPSK	1	99	22.20	22.21	22.23		
20	QPSK	50	0	22.25	22.20	22.19		
20	QPSK	50	24	22.23	22.30	22.12	23.5	0
20	QPSK	50	50	22.23	22.20	22.18		
20	QPSK	100	0	22.21	22.24	22.21		
20	16QAM	1	0	22.21	22.28	22.21		
20	16QAM	1	49	22.24	22.29	22.18	23.5	0
20	16QAM	1	99	22.14	22.23	22.17		
20	16QAM	50	0	22.26	22.30	22.22		
20	16QAM	50	24	22.15	22.24	22.18	23.5	0
20	16QAM	50	50	22.20	22.29	22.17		
20	16QAM	100	0	22.19	22.23	22.22		
20	64QAM	1	0	22.18	22.20	22.13		
20	64QAM	1	49	22.19	22.23	22.15	23.5	0
20	64QAM	1	99	22.18	22.20	22.21		
20	64QAM	50	0	21.20	21.19	21.22		
20	64QAM	50	24	21.18	21.23	21.15	22.5	1
20	64QAM	50	50	21.17	21.29	21.23		
20	64QAM	100	0	21.12	21.27	21.16		
20	256QAM	1	0	19.18	19.29	19.23		
20	256QAM	1	49	19.17	19.27	19.17	20.5	3
20	256QAM	1	99	19.19	19.24	19.25		
20	256QAM	50	0	19.15	19.24	19.16		
20	256QAM	50	24	19.13	19.26	19.18	20.5	3
20	256QAM	50	50	19.14	19.19	19.16		
20	256QAM	100	0	19.15	19.25	19.27		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.11	22.15	22.13		
15	QPSK	1	37	22.07	22.15	21.98	23.5	0
15	QPSK	1	74	22.13	22.06	22.18		
15	QPSK	36	0	22.19	22.11	22.14		
15	QPSK	36	20	22.17	22.16	22.05	23.5	0
15	QPSK	36	39	22.16	22.09	22.12		
15	QPSK	75	0	22.07	22.09	22.13		
15	16QAM	1	0	22.06	22.16	22.12		
15	16QAM	1	37	22.09	22.18	22.12	23.5	0
15	16QAM	1	74	22.09	22.09	22.05		
15	16QAM	36	0	22.18	22.22	22.07		
15	16QAM	36	20	22.04	22.14	22.10	23.5	0
15	16QAM	36	39	22.08	22.25	22.01		
15	16QAM	75	0	22.09	22.18	22.07		
15	64QAM	1	0	22.02	22.12	21.97		
15	64QAM	1	37	22.06	22.09	22.08	23.5	0
15	64QAM	1	74	22.09	22.15	22.14		
15	64QAM	36	0	21.14	21.10	21.13		
15	64QAM	36	20	21.13	21.10	21.04	22.5	1
15	64QAM	36	39	21.00	21.23	21.08		
15	64QAM	75	0	20.99	21.12	21.08		
15	256QAM	1	0	19.05	19.20	19.10		
15	256QAM	1	37	19.08	19.23	19.07	20.5	3
15	256QAM	1	74	19.05	19.15	19.21		
15	256QAM	36	0	19.10	19.14	19.08		
15	256QAM	36	20	19.07	19.20	19.06	20.5	3
15	256QAM	36	39	19.04	19.15	19.05		
15	256QAM	75	0	19.02	19.19	19.15		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.11	22.19	22.11		
10	QPSK	1	25	22.11	22.21	21.99	23.5	0
10	QPSK	1	49	22.06	22.16	22.10		
10	QPSK	25	0	22.14	22.14	22.05		
10	QPSK	25	12	22.07	22.18	22.03	23.5	0
10	QPSK	25	25	22.16	22.15	22.11		
10	QPSK	50	0	22.07	22.12	22.06		
10	16QAM	1	0	22.12	22.17	22.09		
10	16QAM	1	25	22.09	22.25	22.13	23.5	0
10	16QAM	1	49	22.00	22.08	22.02		
10	16QAM	25	0	22.20	22.21	22.07		
10	16QAM	25	12	22.06	22.14	22.03	23.5	0
10	16QAM	25	25	22.12	22.17	22.03		
10	16QAM	50	0	22.09	22.16	22.14		
10	64QAM	1	0	22.04	22.08	21.99		
10	64QAM	1	25	22.07	22.11	22.05	23.5	0
10	64QAM	1	49	22.02	22.05	22.12		
10	64QAM	25	0	21.15	21.09	21.18		
10	64QAM	25	12	21.07	21.10	21.06	22.5	1
10	64QAM	25	25	20.96	21.20	21.18		
10	64QAM	50	0	21.01	21.23	21.03		
10	256QAM	1	0	19.03	19.21	19.11		
10	256QAM	1	25	19.05	19.11	19.12	20.5	3
10	256QAM	1	49	19.06	19.13	19.14		
10	256QAM	25	0	19.03	19.16	19.09		
10	256QAM	25	12	18.97	19.12	19.03	20.5	3
10	256QAM	25	25	19.05	19.07	19.06		
10	256QAM	50	0	19.07	19.16	19.12		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.05	22.10	22.12		
5	QPSK	1	12	22.11	22.14	22.05	23.5	0
5	QPSK	1	24	22.08	22.08	22.11		
5	QPSK	12	0	22.18	22.12	22.10		
5	QPSK	12	7	22.09	22.24	21.97	23.5	0
5	QPSK	12	13	22.11	22.10	22.05		
5	QPSK	25	0	22.06	22.12	22.07		
5	16QAM	1	0	22.06	22.21	22.07		
5	16QAM	1	12	22.10	22.19	22.07	23.5	0
5	16QAM	1	24	22.00	22.08	22.04		
5	16QAM	12	0	22.14	22.20	22.10		
5	16QAM	12	7	22.08	22.13	22.06	23.5	0
5	16QAM	12	13	22.05	22.13	22.11		
5	16QAM	25	0	22.04	22.17	22.07		
5	64QAM	1	0	22.11	22.16	22.03		
5	64QAM	1	12	22.10	22.11	22.09	23.5	0
5	64QAM	1	24	22.06	22.07	22.12		
5	64QAM	12	0	21.06	21.10	21.17		
5	64QAM	12	7	21.14	21.11	21.00	22.5	1
5	64QAM	12	13	21.03	21.23	21.13		
5	64QAM	25	0	21.03	21.17	21.04		
5	256QAM	1	0	19.09	19.25	19.08		
5	256QAM	1	12	19.07	19.17	19.10	20.5	3
5	256QAM	1	24	19.05	19.12	19.10		
5	256QAM	12	0	19.07	19.12	19.02		
5	256QAM	12	7	18.99	19.22	19.07	20.5	3
5	256QAM	12	13	19.08	19.05	19.07		
5	256QAM	25	0	19.02	19.09	19.21		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.04	22.11	22.06		
3	QPSK	1	8	22.11	22.16	22.06	23.5	0
3	QPSK	1	14	22.15	22.16	22.08		
3	QPSK	8	0	22.09	22.13	22.04		
3	QPSK	8	4	22.17	22.19	22.00	23.5	0
3	QPSK	8	7	22.17	22.13	22.12		
3	QPSK	15	0	22.12	22.15	22.09		
3	16QAM	1	0	22.16	22.12	22.13		
3	16QAM	1	8	22.08	22.22	22.09	23.5	0
3	16QAM	1	14	22.09	22.11	22.04		
3	16QAM	8	0	22.17	22.16	22.09		
3	16QAM	8	4	22.00	22.09	22.02	23.5	0
3	16QAM	8	7	22.16	22.18	22.06		
3	16QAM	15	0	22.15	22.18	22.12		
3	64QAM	1	0	22.08	22.11	22.05		
3	64QAM	1	8	22.07	22.10	22.09	23.5	0
3	64QAM	1	14	22.09	22.13	22.15		
3	64QAM	8	0	21.07	21.10	21.08		
3	64QAM	8	4	21.10	21.15	21.03	22.5	1
3	64QAM	8	7	20.99	21.21	21.15		
3	64QAM	15	0	20.98	21.14	21.10		
3	256QAM	1	0	19.08	19.15	19.08		
3	256QAM	1	8	19.10	19.15	19.11	20.5	3
3	256QAM	1	14	19.03	19.08	19.10		
3	256QAM	8	0	18.99	19.17	19.08		
3	256QAM	8	4	19.07	19.16	19.05	20.5	3
3	256QAM	8	7	19.03	19.05	19.02		
3	256QAM	15	0	19.04	19.09	19.23		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.91	22.01	22.00		
1.4	QPSK	1	3	22.00	22.05	21.95		
1.4	QPSK	1	5	21.90	22.09	21.95	23.5	0
1.4	QPSK	3	0	21.93	22.05	21.99		
1.4	QPSK	3	1	21.97	22.03	22.01		
1.4	QPSK	3	3	22.01	22.02	21.90		
1.4	QPSK	6	0	21.98	22.13	21.96	23.5	0
1.4	16QAM	1	0	21.94	22.05	21.95		
1.4	16QAM	1	3	21.92	22.09	21.96		
1.4	16QAM	1	5	21.93	22.06	21.92	23.5	0
1.4	16QAM	3	0	21.96	22.03	21.91		
1.4	16QAM	3	1	21.92	22.06	21.97		
1.4	16QAM	3	3	21.91	22.07	21.94		
1.4	16QAM	6	0	21.92	22.01	21.94	23.5	0
1.4	64QAM	1	0	21.89	22.12	21.92		
1.4	64QAM	1	3	21.99	22.13	21.91		
1.4	64QAM	1	5	21.94	22.07	21.98	23.5	0
1.4	64QAM	3	0	21.96	22.08	21.94		
1.4	64QAM	3	1	21.91	22.04	21.94		
1.4	64QAM	3	3	21.92	22.05	22.00		
1.4	64QAM	6	0	20.99	21.13	21.10	22.5	1
1.4	256QAM	1	0	19.04	19.18	19.00		
1.4	256QAM	1	3	19.06	19.13	19.10		
1.4	256QAM	1	5	19.05	19.22	19.09	20.5	3
1.4	256QAM	3	0	19.00	19.16	19.01		
1.4	256QAM	3	1	19.02	19.12	19.08		
1.4	256QAM	3	3	19.10	19.16	19.05		
1.4	256QAM	6	0	19.11	19.16	19.12	20.5	3

Band 7 other PA Ant 2 DSI3

BW [MHz]	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	18.19	18.29	18.20		
20	QPSK	1	49	18.21	18.17	18.16	19	0
20	QPSK	1	99	18.22	18.25	18.10		
20	QPSK	50	0	18.24	18.24	18.15		
20	QPSK	50	24	18.19	18.20	18.17	19	0
20	QPSK	50	50	18.21	18.22	18.09		
20	QPSK	100	0	18.22	18.18	18.10		
20	16QAM	1	0	18.22	18.21	18.12		
20	16QAM	1	49	18.20	18.22	18.10	19	0
20	16QAM	1	99	18.19	18.26	18.14		
20	16QAM	50	0	18.20	18.18	18.13		
20	16QAM	50	24	18.12	18.24	18.20	19	0
20	16QAM	50	50	18.22	18.26	18.20		
20	16QAM	100	0	18.17	18.26	18.21		
20	64QAM	1	0	18.24	18.20	18.15		
20	64QAM	1	49	18.16	18.25	18.15	19	0
20	64QAM	1	99	18.12	18.27	18.17		
20	64QAM	50	0	18.17	18.21	18.19		
20	64QAM	50	24	18.21	18.25	18.11	19	0
20	64QAM	50	50	18.17	18.18	18.11		
20	64QAM	100	0	18.22	18.22	18.20		
20	256QAM	1	0	18.14	18.22	18.13		
20	256QAM	1	49	18.17	18.15	18.12	19	0
20	256QAM	1	99	18.15	18.26	18.20		
20	256QAM	50	0	18.23	18.22	18.19		
20	256QAM	50	24	18.17	18.18	18.09	19	0
20	256QAM	50	50	18.16	18.22	18.15		
20	256QAM	100	0	18.16	18.25	18.09		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.12	18.20	18.09		
15	QPSK	1	37	18.16	18.02	18.05	19	0
15	QPSK	1	74	18.08	18.11	17.95		
15	QPSK	36	0	18.19	18.14	18.00		
15	QPSK	36	20	18.05	18.15	18.03	19	0
15	QPSK	36	39	18.11	18.12	18.02		
15	QPSK	75	0	18.17	18.05	17.94		
15	16QAM	1	0	18.06	18.09	18.03		
15	16QAM	1	37	18.06	18.17	18.05	19	0
15	16QAM	1	74	18.11	18.20	18.05		
15	16QAM	36	0	18.07	18.13	18.08		
15	16QAM	36	20	18.01	18.14	18.10	19	0
15	16QAM	36	39	18.12	18.14	18.11		
15	16QAM	75	0	18.06	18.14	18.11		
15	64QAM	1	0	18.12	18.11	18.09		
15	64QAM	1	37	18.08	18.12	18.02	19	0
15	64QAM	1	74	18.04	18.18	18.05		
15	64QAM	36	0	18.04	18.10	18.06		
15	64QAM	36	20	18.10	18.10	18.03	19	0
15	64QAM	36	39	18.03	18.11	18.06		
15	64QAM	75	0	18.11	18.13	18.11		
15	256QAM	1	0	18.03	18.12	17.98		
15	256QAM	1	37	18.11	18.07	18.01	19	0
15	256QAM	1	74	18.05	18.12	18.13		
15	256QAM	36	0	18.13	18.11	18.09		
15	256QAM	36	20	18.08	18.09	18.03	19	0
15	256QAM	36	39	18.10	18.10	18.06		
15	256QAM	75	0	18.11	18.11	18.04		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.08	18.20	18.12		
10	QPSK	1	25	18.11	18.10	18.07	19	0
10	QPSK	1	49	18.14	18.15	17.98		
10	QPSK	25	0	18.17	18.11	18.08		
10	QPSK	25	12	18.10	18.13	18.03	19	0
10	QPSK	25	25	18.11	18.13	17.95		
10	QPSK	50	0	18.14	18.10	18.05		
10	16QAM	1	0	18.17	18.16	17.98		
10	16QAM	1	25	18.12	18.09	17.97	19	0
10	16QAM	1	49	18.07	18.18	18.09		
10	16QAM	25	0	18.05	18.10	18.01		
10	16QAM	25	12	18.04	18.12	18.13	19	0
10	16QAM	25	25	18.16	18.16	18.06		
10	16QAM	50	0	18.01	18.16	18.13		
10	64QAM	1	0	18.18	18.13	18.10		
10	64QAM	1	25	18.04	18.19	18.09	19	0
10	64QAM	1	49	18.06	18.12	18.06		
10	64QAM	25	0	18.11	18.12	18.06		
10	64QAM	25	12	18.15	18.11	17.98	19	0
10	64QAM	25	25	18.09	18.05	18.01		
10	64QAM	50	0	18.11	18.13	18.11		
10	256QAM	1	0	18.07	18.12	18.03		
10	256QAM	1	25	18.08	18.03	17.99	19	0
10	256QAM	1	49	18.01	18.12	18.07		
10	256QAM	25	0	18.11	18.06	18.04		
10	256QAM	25	12	18.11	18.09	17.93	19	0
10	256QAM	25	25	18.08	18.17	18.01		
10	256QAM	50	0	18.05	18.11	17.99		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.14	18.11	18.13		
5	QPSK	1	12	18.07	18.05	18.07	19	0
5	QPSK	1	24	18.18	18.15	18.03		
5	QPSK	12	0	18.17	18.10	18.07		
5	QPSK	12	7	18.05	18.13	18.06	19	0
5	QPSK	12	13	18.07	18.09	18.02		
5	QPSK	25	0	18.11	18.08	17.97		
5	16QAM	1	0	18.12	18.05	18.05		
5	16QAM	1	12	18.15	18.12	18.06	19	0
5	16QAM	1	24	18.08	18.12	18.08		
5	16QAM	12	0	18.04	18.08	18.05		
5	16QAM	12	7	18.06	18.18	18.05	19	0
5	16QAM	12	13	18.18	18.21	18.05		
5	16QAM	25	0	18.02	18.19	18.11		
5	64QAM	1	0	18.16	18.04	18.10		
5	64QAM	1	12	18.02	18.09	18.09	19	0
5	64QAM	1	24	17.96	18.12	18.02		
5	64QAM	12	0	18.07	18.09	18.13		
5	64QAM	12	7	18.13	18.09	18.02	19	0
5	64QAM	12	13	18.06	18.04	18.03		
5	64QAM	25	0	18.07	18.13	18.08		
5	256QAM	1	0	18.05	18.10	18.04		
5	256QAM	1	12	18.12	18.00	18.05	19	0
5	256QAM	1	24	18.00	18.16	18.10		
5	256QAM	12	0	18.12	18.17	18.14		
5	256QAM	12	7	18.03	18.05	17.97	19	0
5	256QAM	12	13	18.07	18.17	18.08		
5	256QAM	25	0	18.05	18.15	18.02		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.30	19.45	19.23	20.5	0
20	QPSK	1	49	19.36	19.36	19.30		
20	QPSK	1	99	19.36	19.40	19.25		
20	QPSK	50	0	19.28	19.36	19.32	20.5	0
20	QPSK	50	24	19.27	19.30	19.25		
20	QPSK	50	50	19.36	19.35	19.25		
20	QPSK	100	0	19.26	19.33	19.23		
20	16QAM	1	0	19.29	19.37	19.33	20.5	0
20	16QAM	1	49	19.33	19.35	19.29		
20	16QAM	1	99	19.35	19.37	19.31		
20	16QAM	50	0	19.32	19.31	19.27	20.5	0
20	16QAM	50	24	19.27	19.33	19.25		
20	16QAM	50	50	19.34	19.33	19.31		
20	16QAM	100	0	19.35	19.37	19.26		
20	64QAM	1	0	19.29	19.42	19.33	20.5	0
20	64QAM	1	49	19.30	19.38	19.33		
20	64QAM	1	99	19.34	19.33	19.28		
20	64QAM	50	0	19.31	19.34	19.34	20.5	0
20	64QAM	50	24	19.35	19.39	19.28		
20	64QAM	50	50	19.30	19.41	19.24		
20	64QAM	100	0	19.35	19.32	19.33		
20	256QAM	1	0	18.77	18.97	18.69	20	0.5
20	256QAM	1	49	18.86	18.91	18.71		
20	256QAM	1	99	18.75	18.95	18.73		
20	256QAM	50	0	18.80	18.85	18.72	20	0.5
20	256QAM	50	24	18.83	18.91	18.70		
20	256QAM	50	50	18.83	18.88	18.75		
20	256QAM	100	0	18.78	18.92	18.77		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.25	19.31	19.14	20.5	0
15	QPSK	1	37	19.32	19.21	19.17		
15	QPSK	1	74	19.22	19.28	19.16		
15	QPSK	36	0	19.20	19.26	19.24	20.5	0
15	QPSK	36	20	19.14	19.15	19.16		
15	QPSK	36	39	19.25	19.29	19.18		
15	QPSK	75	0	19.16	19.20	19.08		
15	16QAM	1	0	19.20	19.30	19.23	20.5	0
15	16QAM	1	37	19.23	19.20	19.15		
15	16QAM	1	74	19.20	19.31	19.19		
15	16QAM	36	0	19.28	19.20	19.15	20.5	0
15	16QAM	36	20	19.21	19.25	19.18		
15	16QAM	36	39	19.28	19.22	19.26		
15	16QAM	75	0	19.31	19.21	19.15		
15	64QAM	1	0	19.24	19.36	19.20	20.5	0
15	64QAM	1	37	19.16	19.33	19.20		
15	64QAM	1	74	19.25	19.29	19.12		
15	64QAM	36	0	19.23	19.20	19.21	20.5	0
15	64QAM	36	20	19.21	19.27	19.22		
15	64QAM	36	39	19.18	19.28	19.15		
15	64QAM	75	0	19.25	19.25	19.19		
15	256QAM	1	0	18.62	18.84	18.56	20	0.5
15	256QAM	1	37	18.70	18.79	18.66		
15	256QAM	1	74	18.62	18.80	18.64		
15	256QAM	36	0	18.68	18.70	18.65	20	0.5
15	256QAM	36	20	18.69	18.80	18.59		
15	256QAM	36	39	18.68	18.84	18.64		
15	256QAM	75	0	18.70	18.88	18.68		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.21	19.31	19.08	20.5	0
10	QPSK	1	25	19.27	19.28	19.19		
10	QPSK	1	49	19.21	19.30	19.19		
10	QPSK	25	0	19.24	19.22	19.24	20.5	0
10	QPSK	25	12	19.14	19.24	19.18		
10	QPSK	25	25	19.24	19.21	19.16		
10	QPSK	50	0	19.20	19.29	19.09		
10	16QAM	1	0	19.17	19.29	19.18	20.5	0
10	16QAM	1	25	19.26	19.24	19.15		
10	16QAM	1	49	19.30	19.33	19.22		
10	16QAM	25	0	19.16	19.18	19.17	20.5	0
10	16QAM	25	12	19.21	19.22	19.19		
10	16QAM	25	25	19.21	19.20	19.18		
10	16QAM	50	0	19.30	19.32	19.15		
10	64QAM	1	0	19.20	19.27	19.28	20.5	0
10	64QAM	1	25	19.24	19.24	19.20		
10	64QAM	1	49	19.20	19.18	19.17		
10	64QAM	25	0	19.18	19.24	19.27	20.5	0
10	64QAM	25	12	19.26	19.27	19.18		
10	64QAM	25	25	19.21	19.33	19.19		
10	64QAM	50	0	19.19	19.26	19.27		
10	256QAM	1	0	18.65	18.92	18.56	20	0.5
10	256QAM	1	25	18.76	18.79	18.65		
10	256QAM	1	49	18.66	18.91	18.64		
10	256QAM	25	0	18.65	18.71	18.60	20	0.5
10	256QAM	25	12	18.72	18.81	18.59		
10	256QAM	25	25	18.76	18.82	18.61		
10	256QAM	50	0	18.72	18.79	18.65		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.19	19.34	19.08	20.5	0
5	QPSK	1	12	19.22	19.22	19.16		
5	QPSK	1	24	19.27	19.30	19.17		
5	QPSK	12	0	19.21	19.31	19.21	20.5	0
5	QPSK	12	7	19.11	19.16	19.19		
5	QPSK	12	13	19.25	19.29	19.10		
5	QPSK	25	0	19.16	19.19	19.09		
5	16QAM	1	0	19.18	19.21	19.27	20.5	0
5	16QAM	1	12	19.24	19.22	19.15		
5	16QAM	1	24	19.26	19.32	19.15		
5	16QAM	12	0	19.27	19.22	19.17	20.5	0
5	16QAM	12	7	19.20	19.25	19.12		
5	16QAM	12	13	19.26	19.29	19.24		
5	16QAM	25	0	19.31	19.23	19.15		
5	64QAM	1	0	19.23	19.36	19.27	20.5	0
5	64QAM	1	12	19.22	19.23	19.27		
5	64QAM	1	24	19.27	19.24	19.15		
5	64QAM	12	0	19.20	19.18	19.23	20.5	0
5	64QAM	12	7	19.25	19.24	19.22		
5	64QAM	12	13	19.20	19.34	19.11		
5	64QAM	25	0	19.19	19.22	19.22		
5	256QAM	1	0	18.68	18.84	18.60	20	0.5
5	256QAM	1	12	18.78	18.83	18.56		
5	256QAM	1	24	18.66	18.81	18.61		
5	256QAM	12	0	18.66	18.75	18.58	20	0.5
5	256QAM	12	7	18.72	18.76	18.57		
5	256QAM	12	13	18.79	18.83	18.68		
5	256QAM	25	0	18.69	18.83	18.71		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.10	19.18	19.32	19.11	19.09	20.5	0
20	QPSK	1	49	19.19	19.16	19.18	19.16	19.11		
20	QPSK	1	99	19.12	19.26	19.29	19.19	19.07		
20	QPSK	50	0	19.15	19.15	19.22	19.09	19.10	20.5	0
20	QPSK	50	24	19.16	19.22	19.29	19.13	19.09		
20	QPSK	50	50	19.13	19.18	19.27	19.09	19.14		
20	QPSK	100	0	19.19	19.22	19.26	19.10	19.09		
20	16QAM	1	0	19.17	19.18	19.23	19.10	19.10	20.5	0
20	16QAM	1	49	19.14	19.18	19.23	19.11	19.14		
20	16QAM	1	99	19.10	19.19	19.21	19.20	19.16		
20	16QAM	50	0	19.14	19.22	19.27	19.19	19.07	20.5	0
20	16QAM	50	24	19.15	19.16	19.20	19.13	19.08		
20	16QAM	50	50	19.09	19.22	19.24	19.14	19.09		
20	16QAM	100	0	19.10	19.16	19.26	19.19	19.11		
20	64QAM	1	0	19.17	19.23	19.24	19.11	19.10	20.5	0
20	64QAM	1	49	19.18	19.23	19.20	19.17	19.11		
20	64QAM	1	99	19.17	19.15	19.24	19.09	19.14		
20	64QAM	50	0	19.14	19.22	19.27	19.11	19.15	20.5	0
20	64QAM	50	24	19.17	19.14	19.28	19.19	19.10		
20	64QAM	50	50	19.15	19.22	19.28	19.14	19.05		
20	64QAM	100	0	19.15	19.14	19.20	19.17	19.07		
20	256QAM	1	0	18.71	18.67	18.70	18.65	18.60	20	0.5
20	256QAM	1	49	18.69	18.70	18.72	18.63	18.65		
20	256QAM	1	99	18.69	18.75	18.74	18.60	18.60		
20	256QAM	50	0	18.65	18.72	18.70	18.69	18.55	20	0.5
20	256QAM	50	24	18.60	18.69	18.79	18.61	18.57		
20	256QAM	50	50	18.66	18.74	18.72	18.67	18.64		
20	256QAM	100	0	18.60	18.68	18.80	18.70	18.56		
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	18.98	19.09	19.15	18.96	19.03	20.50	0
15	QPSK	1	37	19.08	19.00	19.08	19.11	19.02		
15	QPSK	1	74	19.07	19.22	19.18	19.05	19.02		
15	QPSK	36	0	19.01	19.09	19.16	18.97	18.97	20.5	0
15	QPSK	36	20	19.01	19.17	19.17	19.03	18.99		
15	QPSK	36	39	18.98	19.06	19.20	19.05	19.04		
15	QPSK	75	0	19.15	19.16	19.14	18.97	18.99		
15	16QAM	1	0	19.03	19.04	19.15	18.98	18.97	20.5	0
15	16QAM	1	37	19.00	19.02	19.15	19.03	19.00		
15	16QAM	1	74	19.05	19.12	19.17	19.08	19.05		
15	16QAM	36	0	18.98	19.16	19.12	19.10	18.98	20.5	0
15	16QAM	36	20	19.10	19.04	19.05	19.08	18.94		
15	16QAM	36	39	19.02	19.12	19.19	19.08	19.02		
15	16QAM	75	0	19.04	19.08	19.12	19.12	19.06		
15	64QAM	1	0	19.07	19.18	19.12	19.04	18.99	20.5	0
15	64QAM	1	37	19.10	19.12	19.13	19.06	19.01		
15	64QAM	1	74	19.04	19.01	19.13	19.00	19.08		
15	64QAM	36	0	19.02	19.10	19.15	18.98	19.11	20.5	0
15	64QAM	36	20	19.09	19.08	19.19	19.11	19.02		
15	64QAM	36	39	19.02	19.15	19.23	19.01	18.94		
15	64QAM	75	0	19.00	18.99	19.06	19.12	19.00		
15	256QAM	1	0	18.64	18.58	18.64	18.60	18.50	20	0.5
15	256QAM	1	37	18.57	18.65	18.60	18.54	18.56		
15	256QAM	1	74	18.62	18.64	18.60	18.55	18.46		
15	256QAM	36	0	18.54	18.60	18.61	18.58	18.43	20	0.5
15	256QAM	36	20	18.55	18.61	18.73	18.55	18.49		
15	256QAM	36	39	18.56	18.68	18.62	18.62	18.59		
15	256QAM	75	0	18.46	18.58	18.73	18.57	18.48		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.98	19.11	19.10	19.05	19.01	20.50	0
10	QPSK	1	25	19.15	19.00	19.12	19.01	18.96		
10	QPSK	1	49	19.07	19.18	19.18	19.10	18.93		
10	QPSK	25	0	19.07	19.08	19.12	18.93	18.98	20.5	0
10	QPSK	25	12	19.05	19.07	19.24	19.03	18.96		
10	QPSK	25	25	19.07	19.07	19.14	18.93	19.09		
10	QPSK	50	0	19.04	19.09	19.18	18.94	19.04		
10	16QAM	1	0	19.06	19.13	19.10	18.98	19.06	20.5	0
10	16QAM	1	25	19.03	19.04	19.10	18.97	19.05		
10	16QAM	1	49	18.99	19.08	19.15	19.13	19.07		
10	16QAM	25	0	18.99	19.16	19.16	19.13	19.03	20.5	0
10	16QAM	25	12	19.10	19.07	19.08	18.98	18.95		
10	16QAM	25	25	19.00	19.10	19.09	19.04	19.01		
10	16QAM	50	0	19.04	19.04	19.19	19.05	19.07		
10	64QAM	1	0	19.13	19.12	19.09	19.02	18.95	20.5	0
10	64QAM	1	25	19.03	19.08	19.07	19.05	19.06		
10	64QAM	1	49	19.04	19.08	19.16	18.98	19.04		
10	64QAM	25	0	19.06	19.08	19.13	19.00	19.06	20.5	0
10	64QAM	25	12	19.11	19.09	19.13	19.07	19.03		
10	64QAM	25	25	19.00	19.11	19.21	19.05	18.93		
10	64QAM	50	0	19.04	19.05	19.15	19.01	19.03		
10	256QAM	1	0	18.62	18.59	18.62	18.53	18.48	20	0.5
10	256QAM	1	25	18.54	18.61	18.61	18.54	18.59		
10	256QAM	1	49	18.58	18.65	18.63	18.49	18.54		
10	256QAM	25	0	18.54	18.68	18.64	18.64	18.40	20	0.5
10	256QAM	25	12	18.51	18.54	18.68	18.53	18.43		
10	256QAM	25	25	18.58	18.59	18.57	18.54	18.51		
10	256QAM	50	0	18.48	18.53	18.74	18.60	18.49		
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	18.96	19.03	19.11	18.99	19.03	20.50	0
5	QPSK	1	12	19.05	19.04	19.06	19.02	19.05		
5	QPSK	1	24	19.03	19.16	19.18	19.10	19.02		
5	QPSK	12	0	19.06	19.04	19.10	18.98	18.99	20.5	0
5	QPSK	12	7	19.01	19.14	19.16	18.97	19.04		
5	QPSK	12	13	18.97	19.04	19.15	19.04	19.10		
5	QPSK	25	0	19.10	19.09	19.19	18.97	18.96		
5	16QAM	1	0	19.07	19.09	19.10	19.03	18.96	20.5	0
5	16QAM	1	12	19.08	19.08	19.11	19.03	19.07		
5	16QAM	1	24	18.99	19.03	19.16	19.06	19.02		
5	16QAM	12	0	19.01	19.08	19.11	19.11	18.91	20.5	0
5	16QAM	12	7	19.11	19.01	19.06	19.07	18.99		
5	16QAM	12	13	18.96	19.12	19.09	18.99	18.99		
5	16QAM	25	0	19.00	19.09	19.15	19.05	18.96		
5	64QAM	1	0	19.02	19.14	19.14	19.00	19.01	20.5	0
5	64QAM	1	12	19.09	19.11	19.11	19.06	18.95		
5	64QAM	1	24	19.01	19.09	19.14	18.94	19.07		
5	64QAM	12	0	19.10	19.07	19.23	18.98	19.07	20.5	0
5	64QAM	12	7	19.07	19.05	19.12	19.07	18.96		
5	64QAM	12	13	19.00	19.14	19.23	19.03	19.00		
5	64QAM	25	0	19.02	19.02	19.06	19.05	18.93		
5	256QAM	1	0	18.59	18.62	18.57	18.58	18.50	20	0.5
5	256QAM	1	12	18.61	18.65	18.62	18.49	18.55		
5	256QAM	1	24	18.61	18.59	18.68	18.49	18.53		
5	256QAM	12	0	18.57	18.66	18.58	18.54	18.49	20	0.5
5	256QAM	12	7	18.52	18.58	18.66	18.46	18.43		
5	256QAM	12	13	18.62	18.68	18.66	18.59	18.58		
5	256QAM	25	0	18.52	18.61	18.67	18.56	18.42		

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BW [MHz]	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	16.75	16.95	16.84	17.5	0
20	QPSK	1	49	16.85	16.89	16.75		
20	QPSK	1	99	16.78	16.91	16.80		
20	QPSK	50	0	16.80	16.85	16.74	17.5	0
20	QPSK	50	24	16.79	16.83	16.80		
20	QPSK	50	50	16.78	16.82	16.79		
20	QPSK	100	0	16.84	16.84	16.80		
20	16QAM	1	0	16.75	16.90	16.83	17.5	0
20	16QAM	1	49	16.84	16.81	16.79		
20	16QAM	1	99	16.82	16.88	16.78		
20	16QAM	50	0	16.85	16.89	16.74	17.5	0
20	16QAM	50	24	16.75	16.85	16.77		
20	16QAM	50	50	16.85	16.88	16.82		
20	16QAM	100	0	16.81	16.82	16.80		
20	64QAM	1	0	16.82	16.82	16.73	17.5	0
20	64QAM	1	49	16.80	16.91	16.74		
20	64QAM	1	99	16.82	16.87	16.76		
20	64QAM	50	0	16.78	16.91	16.78	17.5	0
20	64QAM	50	24	16.81	16.83	16.77		
20	64QAM	50	50	16.82	16.89	16.74		
20	64QAM	100	0	16.87	16.80	16.81		
20	256QAM	1	0	16.82	16.83	16.83	17.5	0
20	256QAM	1	49	16.87	16.85	16.81		
20	256QAM	1	99	16.80	16.86	16.83		
20	256QAM	50	0	16.87	16.90	16.84	17.5	0
20	256QAM	50	24	16.77	16.82	16.75		
20	256QAM	50	50	16.77	16.87	16.76		
20	256QAM	100	0	16.81	16.88	16.80		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.64	16.68	16.78	17.5	0
15	QPSK	1	37	16.66	16.78	16.77		
15	QPSK	1	74	16.66	16.69	16.69		
15	QPSK	36	0	16.66	16.73	16.77	17.5	0
15	QPSK	36	20	16.63	16.70	16.70		
15	QPSK	36	39	16.66	16.69	16.73		
15	QPSK	75	0	16.66	16.71	16.70		
15	16QAM	1	0	16.63	16.70	16.70	17.5	0
15	16QAM	1	37	16.70	16.71	16.76		
15	16QAM	1	74	16.68	16.75	16.75		
15	16QAM	36	0	16.62	16.76	16.69	17.5	0
15	16QAM	36	20	16.65	16.71	16.77		
15	16QAM	36	39	16.67	16.78	16.71		
15	16QAM	75	0	16.68	16.78	16.73		
15	64QAM	1	0	16.68	16.77	16.69	17.5	0
15	64QAM	1	37	16.70	16.75	16.78		
15	64QAM	1	74	16.69	16.68	16.73		
15	64QAM	36	0	16.68	16.73	16.75	17.5	0
15	64QAM	36	20	16.61	16.79	16.69		
15	64QAM	36	39	16.64	16.77	16.79		
15	64QAM	75	0	16.67	16.77	16.79		
15	256QAM	1	0	16.60	16.74	16.68	17.5	0
15	256QAM	1	37	16.68	16.76	16.72		
15	256QAM	1	74	16.65	16.78	16.77		
15	256QAM	36	0	16.70	16.71	16.73	17.5	0
15	256QAM	36	20	16.64	16.75	16.75		
15	256QAM	36	39	16.63	16.75	16.78		
15	256QAM	75	0	16.70	16.73	16.73		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.70	16.77	16.68	17.5	0
10	QPSK	1	25	16.71	16.76	16.72		
10	QPSK	1	49	16.63	16.75	16.75		
10	QPSK	25	0	16.71	16.74	16.69	17.5	0
10	QPSK	25	12	16.63	16.69	16.75		
10	QPSK	25	25	16.59	16.74	16.72		
10	QPSK	50	0	16.64	16.79	16.73		
10	16QAM	1	0	16.68	16.77	16.72	17.5	0
10	16QAM	1	25	16.67	16.72	16.69		
10	16QAM	1	49	16.66	16.78	16.77		
10	16QAM	25	0	16.68	16.76	16.78	17.5	0
10	16QAM	25	12	16.64	16.76	16.71		
10	16QAM	25	25	16.60	16.70	16.80		
10	16QAM	50	0	16.61	16.72	16.76		
10	64QAM	1	0	16.59	16.78	16.68	17.5	0
10	64QAM	1	25	16.66	16.74	16.70		
10	64QAM	1	49	16.61	16.72	16.71		
10	64QAM	25	0	16.62	16.70	16.76	17.5	0
10	64QAM	25	12	16.66	16.79	16.72		
10	64QAM	25	25	16.62	16.68	16.77		
10	64QAM	50	0	16.65	16.71	16.79		
10	256QAM	1	0	16.59	16.75	16.72	17.5	0
10	256QAM	1	25	16.70	16.71	16.77		
10	256QAM	1	49	16.63	16.77	16.72		
10	256QAM	25	0	16.64	16.78	16.71	17.5	0
10	256QAM	25	12	16.63	16.69	16.78		
10	256QAM	25	25	16.71	16.75	16.75		
10	256QAM	50	0	16.66	16.70	16.79		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.59	16.78	16.77	17.5	0
5	QPSK	1	12	16.69	16.74	16.77		
5	QPSK	1	24	16.69	16.71	16.73		
5	QPSK	12	0	16.69	16.71	16.75	17.5	0
5	QPSK	12	7	16.70	16.76	16.79		
5	QPSK	12	13	16.66	16.70	16.80		
5	QPSK	25	0	16.67	16.74	16.76		
5	16QAM	1	0	16.67	16.75	16.79	17.5	0
5	16QAM	1	12	16.66	16.70	16.71		
5	16QAM	1	24	16.62	16.76	16.69		
5	16QAM	12	0	16.69	16.69	16.72	17.5	0
5	16QAM	12	7	16.70	16.78	16.69		
5	16QAM	12	13	16.61	16.71	16.69		
5	16QAM	25	0	16.62	16.73	16.74		
5	64QAM	1	0	16.63	16.75	16.79	17.5	0
5	64QAM	1	12	16.67	16.70	16.69		
5	64QAM	1	24	16.70	16.74	16.69		
5	64QAM	12	0	16.66	16.70	16.72	17.5	0
5	64QAM	12	7	16.66	16.69	16.75		
5	64QAM	12	13	16.65	16.74	16.70		
5	64QAM	25	0	16.64	16.71	16.75		
5	256QAM	1	0	16.67	16.78	16.74	17.5	0
5	256QAM	1	12	16.61	16.75	16.75		
5	256QAM	1	24	16.67	16.75	16.77		
5	256QAM	12	0	16.64	16.68	16.71	17.5	0
5	256QAM	12	7	16.68	16.70	16.77		
5	256QAM	12	13	16.69	16.79	16.73		
5	256QAM	25	0	16.67	16.76	16.79		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.31	18.38	18.26		
20	QPSK	1	49	18.20	18.26	18.24	19	0
20	QPSK	1	99	18.22	18.31	18.24		
20	QPSK	50	0	18.22	18.26	18.28		
20	QPSK	50	24	18.30	18.31	18.18	19	0
20	QPSK	50	50	18.26	18.33	18.25		
20	QPSK	100	0	18.28	18.25	18.26		
20	16QAM	1	0	18.27	18.27	18.23		
20	16QAM	1	49	18.27	18.26	18.24	19	0
20	16QAM	1	99	18.28	18.34	18.24		
20	16QAM	50	0	18.29	18.36	18.21		
20	16QAM	50	24	18.26	18.30	18.24	19	0
20	16QAM	50	50	18.21	18.25	18.18		
20	16QAM	100	0	18.24	18.35	18.19		
20	64QAM	1	0	18.31	18.36	18.28		
20	64QAM	1	49	18.23	18.31	18.23	19	0
20	64QAM	1	99	18.22	18.30	18.20		
20	64QAM	50	0	18.23	18.29	18.25		
20	64QAM	50	24	18.24	18.26	18.26	19	0
20	64QAM	50	50	18.21	18.35	18.24		
20	64QAM	100	0	18.31	18.26	18.17		
20	256QAM	1	0	16.80	16.80	16.72		
20	256QAM	1	49	16.79	16.81	16.74	17.5	1.5
20	256QAM	1	99	16.81	16.77	16.79		
20	256QAM	50	0	16.73	16.86	16.69		
20	256QAM	50	24	16.80	16.78	16.70	17.5	1.5
20	256QAM	50	50	16.70	16.77	16.74		
20	256QAM	100	0	16.73	16.82	16.78		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.23	18.13	18.14		
15	QPSK	1	37	18.13	18.14	18.16	19	0
15	QPSK	1	74	18.10	18.21	18.11		
15	QPSK	36	0	18.09	18.10	18.14		
15	QPSK	36	20	18.22	18.22	18.14	19	0
15	QPSK	36	39	18.19	18.20	18.20		
15	QPSK	75	0	18.21	18.13	18.12		
15	16QAM	1	0	18.14	18.18	18.18		
15	16QAM	1	37	18.23	18.20	18.19	19	0
15	16QAM	1	74	18.15	18.29	18.08		
15	16QAM	36	0	18.16	18.22	18.08		
15	16QAM	36	20	18.13	18.25	18.18	19	0
15	16QAM	36	39	18.09	18.20	18.05		
15	16QAM	75	0	18.16	18.21	18.12		
15	64QAM	1	0	18.22	18.25	18.16		
15	64QAM	1	37	18.14	18.16	18.10	19	0
15	64QAM	1	74	18.06	18.24	18.09		
15	64QAM	36	0	18.07	18.16	18.19		
15	64QAM	36	20	18.18	18.16	18.14	19	0
15	64QAM	36	39	18.15	18.27	18.12		
15	64QAM	75	0	18.25	18.11	18.12		
15	256QAM	1	0	16.69	16.64	16.66		
15	256QAM	1	37	16.69	16.66	16.68	17.5	1.5
15	256QAM	1	74	16.71	16.71	16.65		
15	256QAM	36	0	16.64	16.73	16.63		
15	256QAM	36	20	16.72	16.70	16.59	17.5	1.5
15	256QAM	36	39	16.61	16.70	16.65		
15	256QAM	75	0	16.67	16.66	16.71		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.27	18.14	18.18		
10	QPSK	1	25	18.10	18.11	18.09	19	0
10	QPSK	1	49	18.12	18.24	18.17		
10	QPSK	25	0	18.17	18.21	18.12		
10	QPSK	25	12	18.16	18.20	18.10	19	0
10	QPSK	25	25	18.21	18.18	18.18		
10	QPSK	50	0	18.18	18.11	18.17		
10	16QAM	1	0	18.17	18.12	18.08		
10	16QAM	1	25	18.14	18.20	18.18	19	0
10	16QAM	1	49	18.19	18.24	18.20		
10	16QAM	25	0	18.20	18.21	18.07		
10	16QAM	25	12	18.19	18.25	18.13	19	0
10	16QAM	25	25	18.10	18.14	18.02		
10	16QAM	50	0	18.13	18.31	18.11		
10	64QAM	1	0	18.23	18.20	18.23		
10	64QAM	1	25	18.09	18.20	18.19	19	0
10	64QAM	1	49	18.09	18.24	18.09		
10	64QAM	25	0	18.13	18.21	18.20		
10	64QAM	25	12	18.19	18.19	18.15	19	0
10	64QAM	25	25	18.13	18.24	18.09		
10	64QAM	50	0	18.25	18.10	18.04		
10	256QAM	1	0	16.70	16.71	16.67		
10	256QAM	1	25	16.65	16.71	16.69	17.5	1.5
10	256QAM	1	49	16.76	16.68	16.63		
10	256QAM	25	0	16.68	16.81	16.65		
10	256QAM	25	12	16.64	16.65	16.57	17.5	1.5
10	256QAM	25	25	16.65	16.64	16.64		
10	256QAM	50	0	16.63	16.69	16.69		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.16	18.14	18.19		
5	QPSK	1	12	18.08	18.14	18.15	19	0
5	QPSK	1	24	18.16	18.18	18.18		
5	QPSK	12	0	18.16	18.17	18.22		
5	QPSK	12	7	18.19	18.24	18.08	19	0
5	QPSK	12	13	18.11	18.28	18.09		
5	QPSK	25	0	18.15	18.19	18.15		
5	16QAM	1	0	18.22	18.22	18.14		
5	16QAM	1	12	18.12	18.21	18.17	19	0
5	16QAM	1	24	18.23	18.22	18.18		
5	16QAM	12	0	18.19	18.21	18.06		
5	16QAM	12	7	18.16	18.23	18.14	19	0
5	16QAM	12	13	18.14	18.21	18.12		
5	16QAM	25	0	18.16	18.30	18.11		
5	64QAM	1	0	18.18	18.23	18.15		
5	64QAM	1	12	18.15	18.17	18.08	19	0
5	64QAM	1	24	18.10	18.17	18.11		
5	64QAM	12	0	18.15	18.23	18.19		
5	64QAM	12	7	18.16	18.21	18.14	19	0
5	64QAM	12	13	18.06	18.31	18.15		
5	64QAM	25	0	18.16	18.10	18.04		
5	256QAM	1	0	16.70	16.73	16.62		
5	256QAM	1	12	16.63	16.66	16.65	17.5	1.5
5	256QAM	1	24	16.69	16.65	16.73		
5	256QAM	12	0	16.66	16.74	16.61		
5	256QAM	12	7	16.73	16.67	16.56	17.5	1.5
5	256QAM	12	13	16.56	16.70	16.61		
5	256QAM	25	0	16.63	16.71	16.63		

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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	17.68	17.75	17.85	17.71	17.62		
20	QPSK	1	49	17.60	17.68	17.80	17.72	17.65	18.5	0
20	QPSK	1	99	17.59	17.71	17.72	17.71	17.61		
20	QPSK	50	0	17.60	17.70	17.74	17.68	17.62		
20	QPSK	50	24	17.60	17.66	17.74	17.66	17.67	18.5	0
20	QPSK	50	50	17.66	17.74	17.81	17.60	17.67		
20	QPSK	100	0	17.63	17.74	17.73	17.71	17.57		
20	16QAM	1	0	17.66	17.73	17.70	17.68	17.63		
20	16QAM	1	49	17.62	17.69	17.74	17.64	17.65	18.5	0
20	16QAM	1	99	17.58	17.67	17.78	17.67	17.61		
20	16QAM	50	0	17.67	17.66	17.80	17.63	17.66		
20	16QAM	50	24	17.67	17.69	17.70	17.69	17.60	18.5	0
20	16QAM	50	50	17.65	17.66	17.75	17.67	17.65		
20	16QAM	100	0	17.65	17.67	17.73	17.67	17.68		
20	64QAM	1	0	17.58	17.74	17.80	17.65	17.68		
20	64QAM	1	49	17.67	17.76	17.72	17.70	17.67	18.5	0
20	64QAM	1	99	17.57	17.67	17.77	17.70	17.58		
20	64QAM	50	0	17.61	17.67	17.72	17.67	17.57		
20	64QAM	50	24	17.60	17.73	17.79	17.64	17.67	18.5	0
20	64QAM	50	50	17.64	17.71	17.75	17.69	17.67		
20	64QAM	100	0	17.60	17.73	17.70	17.72	17.65		
20	256QAM	1	0	16.60	16.74	16.73	16.62	16.68		
20	256QAM	1	49	16.64	16.69	16.72	16.71	16.66	17.5	1
20	256QAM	1	99	16.65	16.70	16.78	16.61	16.66		
20	256QAM	50	0	16.63	16.65	16.76	16.68	16.62		
20	256QAM	50	24	16.64	16.74	16.79	16.69	16.68	17.5	1
20	256QAM	50	50	16.61	16.67	16.74	16.68	16.61		
20	256QAM	100	0	16.63	16.76	16.79	16.65	16.68		
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	17.52	17.68	17.67	17.60	17.48		
15	QPSK	1	37	17.45	17.54	17.72	17.67	17.55	18.50	0
15	QPSK	1	74	17.54	17.61	17.60	17.67	17.51		
15	QPSK	36	0	17.50	17.56	17.64	17.53	17.49		
15	QPSK	36	20	17.46	17.61	17.60	17.56	17.60	18.5	0
15	QPSK	36	39	17.56	17.62	17.67	17.55	17.59		
15	QPSK	75	0	17.47	17.68	17.61	17.63	17.48		
15	16QAM	1	0	17.62	17.67	17.59	17.63	17.58		
15	16QAM	1	37	17.58	17.65	17.66	17.50	17.53	18.5	0
15	16QAM	1	74	17.51	17.58	17.72	17.52	17.53		
15	16QAM	36	0	17.57	17.54	17.70	17.52	17.53		
15	16QAM	36	20	17.56	17.57	17.61	17.56	17.50	18.5	0
15	16QAM	36	39	17.56	17.52	17.61	17.57	17.51		
15	16QAM	75	0	17.53	17.58	17.65	17.52	17.62		
15	64QAM	1	0	17.46	17.64	17.73	17.61	17.60		
15	64QAM	1	37	17.56	17.66	17.60	17.58	17.59	18.5	0
15	64QAM	1	74	17.43	17.61	17.67	17.58	17.47		
15	64QAM	36	0	17.45	17.61	17.67	17.57	17.45		
15	64QAM	36	20	17.52	17.63	17.64	17.55	17.52	18.5	0
15	64QAM	36	39	17.51	17.58	17.60	17.55	17.57		
15	64QAM	75	0	17.51	17.65	17.57	17.66	17.57		
15	256QAM	1	0	16.50	16.59	16.62	16.49	16.58		
15	256QAM	1	37	16.52	16.59	16.66	16.67	16.57	17.5	1
15	256QAM	1	74	16.58	16.63	16.63	16.49	16.54		
15	256QAM	36	0	16.56	16.54	16.65	16.59	16.58		
15	256QAM	36	20	16.50	16.69	16.69	16.64	16.64	17.5	1
15	256QAM	36	39	16.51	16.53	16.59	16.55	16.55		
15	256QAM	75	0	16.51	16.70	16.65	16.51	16.57		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.53	17.60	17.71	17.59	17.52		
10	QPSK	1	25	17.53	17.53	17.74	17.61	17.54	18.50	0
10	QPSK	1	49	17.51	17.56	17.60	17.58	17.54		
10	QPSK	25	0	17.45	17.65	17.67	17.58	17.53		
10	QPSK	25	12	17.55	17.52	17.66	17.59	17.59	18.5	0
10	QPSK	25	25	17.56	17.62	17.75	17.56	17.52		
10	QPSK	50	0	17.51	17.61	17.58	17.56	17.52		
10	16QAM	1	0	17.57	17.64	17.64	17.59	17.59		
10	16QAM	1	25	17.47	17.62	17.61	17.50	17.59	18.5	0
10	16QAM	1	49	17.46	17.51	17.63	17.63	17.55		
10	16QAM	25	0	17.53	17.60	17.75	17.51	17.62		
10	16QAM	25	12	17.52	17.56	17.65	17.59	17.44	18.5	0
10	16QAM	25	25	17.61	17.61	17.71	17.60	17.51		
10	16QAM	50	0	17.56	17.54	17.67	17.58	17.57		
10	64QAM	1	0	17.44	17.68	17.67	17.49	17.58		
10	64QAM	1	25	17.58	17.63	17.61	17.56	17.54	18.5	0
10	64QAM	1	49	17.42	17.63	17.69	17.54	17.54		
10	64QAM	25	0	17.53	17.63	17.66	17.60	17.45		
10	64QAM	25	12	17.46	17.64	17.70	17.51	17.59	18.5	0
10	64QAM	25	25	17.52	17.65	17.62	17.59	17.59		
10	64QAM	50	0	17.53	17.62	17.64	17.66	17.51		
10	256QAM	1	0	16.45	16.58	16.61	16.56	16.60		
10	256QAM	1	25	16.49	16.56	16.67	16.57	16.55	17.5	1
10	256QAM	1	49	16.56	16.64	16.74	16.51	16.60		
10	256QAM	25	0	16.49	16.50	16.60	16.64	16.56		
10	256QAM	25	12	16.49	16.63	16.63	16.62	16.59	17.5	1
10	256QAM	25	25	16.54	16.59	16.59	16.62	16.53		
10	256QAM	50	0	16.51	16.62	16.67	16.57	16.64		
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	17.59	17.66	17.60	17.50		
5	QPSK	1	12	17.44	17.52	17.65	17.64	17.51	18.50	0
5	QPSK	1	24	17.52	17.58	17.58	17.58	17.47		
5	QPSK	12	0	17.56	17.64	17.70	17.58	17.52		
5	QPSK	12	7	17.49	17.51	17.66	17.52	17.58	18.5	0
5	QPSK	12	13	17.57	17.61	17.74	17.44	17.54		
5	QPSK	25	0	17.47	17.61	17.58	17.66	17.49		
5	16QAM	1	0	17.58	17.68	17.66	17.58	17.54		
5	16QAM	1	12	17.47	17.62	17.60	17.58	17.61	18.5	0
5	16QAM	1	24	17.46	17.59	17.68	17.54	17.49		
5	16QAM	12	0	17.58	17.61	17.72	17.51	17.51		
5	16QAM	12	7	17.59	17.59	17.61	17.65	17.54	18.5	0
5	16QAM	12	13	17.49	17.51	17.64	17.56	17.55		
5	16QAM	25	0	17.51	17.52	17.64	17.54	17.55		
5	64QAM	1	0	17.46	17.69	17.75	17.60	17.57		
5	64QAM	1	12	17.58	17.69	17.68	17.62	17.58	18.5	0
5	64QAM	1	24	17.42	17.63	17.73	17.63	17.48		
5	64QAM	12	0	17.51	17.59	17.57	17.56	17.45		
5	64QAM	12	7	17.56	17.69	17.71	17.58	17.62	18.5	0
5	64QAM	12	13	17.53	17.59	17.67	17.59	17.63		
5	64QAM	25	0	17.45	17.58	17.63	17.65	17.49		
5	256QAM	1	0	16.46	16.69	16.58	16.51	16.54		
5	256QAM	1	12	16.55	16.65	16.58	16.56	16.54	17.5	1
5	256QAM	1	24	16.58	16.61	16.68	16.50	16.54		
5	256QAM	12	0	16.58	16.57	16.72	16.58	16.53		
5	256QAM	12	7	16.58	16.60	16.73	16.64	16.54	17.5	1
5	256QAM	12	13	16.52	16.56	16.59	16.61	16.47		
5	256QAM	25	0	16.55	16.71	16.67	16.53	16.56		

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BW [MHz]	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	20.70	20.85	20.72		
20	QPSK	1	49	20.69	20.75	20.69	22	0
20	QPSK	1	99	20.75	20.76	20.72		
20	QPSK	50	0	20.72	20.82	20.68		
20	QPSK	50	24	20.73	20.78	20.65	22	0
20	QPSK	50	50	20.73	20.75	20.64		
20	QPSK	100	0	20.71	20.82	20.73		
20	16QAM	1	0	20.71	20.74	20.69		
20	16QAM	1	49	20.70	20.82	20.65	22	0
20	16QAM	1	99	20.68	20.83	20.74		
20	16QAM	50	0	20.70	20.80	20.73		
20	16QAM	50	24	20.67	20.82	20.72	22	0
20	16QAM	50	50	20.68	20.80	20.70		
20	16QAM	100	0	20.75	20.78	20.76		
20	64QAM	1	0	20.69	20.78	20.70		
20	64QAM	1	49	20.72	20.75	20.71	22	0
20	64QAM	1	99	20.77	20.82	20.71		
20	64QAM	50	0	19.68	19.76	19.72		
20	64QAM	50	24	19.78	19.83	19.74	21	1
20	64QAM	50	50	19.79	19.81	19.66		
20	64QAM	100	0	19.76	19.73	19.74		
20	256QAM	1	0	17.68	17.74	17.66		
20	256QAM	1	49	17.70	17.73	17.74	19	3
20	256QAM	1	99	17.79	17.82	17.74		
20	256QAM	50	0	17.68	17.82	17.68		
20	256QAM	50	24	17.74	17.77	17.70	19	3
20	256QAM	50	50	17.73	17.78	17.68		
20	256QAM	100	0	17.68	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	20.64	20.65	20.68		
15	QPSK	1	37	20.56	20.67	20.60	22	0
15	QPSK	1	74	20.66	20.70	20.57		
15	QPSK	36	0	20.57	20.75	20.60		
15	QPSK	36	20	20.61	20.64	20.59	22	0
15	QPSK	36	39	20.60	20.71	20.57		
15	QPSK	75	0	20.66	20.70	20.59		
15	16QAM	1	0	20.56	20.61	20.60		
15	16QAM	1	37	20.59	20.68	20.57	22	0
15	16QAM	1	74	20.62	20.78	20.61		
15	16QAM	36	0	20.59	20.64	20.62		
15	16QAM	36	20	20.53	20.69	20.57	22	0
15	16QAM	36	39	20.55	20.66	20.62		
15	16QAM	75	0	20.65	20.63	20.62		
15	64QAM	1	0	20.58	20.68	20.60		
15	64QAM	1	37	20.60	20.64	20.64	22	0
15	64QAM	1	74	20.65	20.69	20.63		
15	64QAM	36	0	19.54	19.63	19.68		
15	64QAM	36	20	19.66	19.72	19.62	21	1
15	64QAM	36	39	19.64	19.66	19.57		
15	64QAM	75	0	19.65	19.66	19.62		
15	256QAM	1	0	17.60	17.59	17.51		
15	256QAM	1	37	17.58	17.64	17.69	19	3
15	256QAM	1	74	17.65	17.71	17.60		
15	256QAM	36	0	17.55	17.76	17.54		
15	256QAM	36	20	17.59	17.72	17.54	19	3
15	256QAM	36	39	17.67	17.65	17.55		
15	256QAM	75	0	17.55	17.72	17.62		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.66	20.56	20.65		
10	QPSK	1	25	20.63	20.66	20.59	22	0
10	QPSK	1	49	20.61	20.62	20.60		
10	QPSK	25	0	20.57	20.77	20.62		
10	QPSK	25	12	20.63	20.70	20.51	22	0
10	QPSK	25	25	20.58	20.64	20.48		
10	QPSK	50	0	20.66	20.74	20.67		
10	16QAM	1	0	20.57	20.61	20.58		
10	16QAM	1	25	20.63	20.76	20.57	22	0
10	16QAM	1	49	20.55	20.71	20.61		
10	16QAM	25	0	20.55	20.76	20.59		
10	16QAM	25	12	20.57	20.72	20.62	22	0
10	16QAM	25	25	20.61	20.75	20.59		
10	16QAM	50	0	20.59	20.62	20.68		
10	64QAM	1	0	20.63	20.71	20.55		
10	64QAM	1	25	20.59	20.69	20.61	22	0
10	64QAM	1	49	20.71	20.74	20.62		
10	64QAM	25	0	19.53	19.70	19.60		
10	64QAM	25	12	19.69	19.70	19.60	21	1
10	64QAM	25	25	19.64	19.71	19.57		
10	64QAM	50	0	19.65	19.59	19.62		
10	256QAM	1	0	17.58	17.65	17.60		
10	256QAM	1	25	17.63	17.60	17.62	19	3
10	256QAM	1	49	17.65	17.67	17.65		
10	256QAM	25	0	17.59	17.77	17.57		
10	256QAM	25	12	17.60	17.65	17.59	19	3
10	256QAM	25	25	17.63	17.67	17.62		
10	256QAM	50	0	17.53	17.68	17.65		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.60	20.62	20.57		
5	QPSK	1	12	20.62	20.64	20.59	22	0
5	QPSK	1	24	20.63	20.71	20.57		
5	QPSK	12	0	20.64	20.69	20.59		
5	QPSK	12	7	20.57	20.71	20.52	22	0
5	QPSK	12	13	20.61	20.68	20.51		
5	QPSK	25	0	20.63	20.75	20.62		
5	16QAM	1	0	20.58	20.68	20.56		
5	16QAM	1	12	20.65	20.72	20.58	22	0
5	16QAM	1	24	20.56	20.78	20.62		
5	16QAM	12	0	20.57	20.64	20.60		
5	16QAM	12	7	20.54	20.69	20.58	22	0
5	16QAM	12	13	20.60	20.66	20.63		
5	16QAM	25	0	20.68	20.68	20.64		
5	64QAM	1	0	20.60	20.66	20.60		
5	64QAM	1	12	20.65	20.67	20.64	22	0
5	64QAM	1	24	20.64	20.76	20.55		
5	64QAM	12	0	19.58	19.72	19.58		
5	64QAM	12	7	19.66	19.71	19.68	21	1
5	64QAM	12	13	19.70	19.69	19.54		
5	64QAM	25	0	19.62	19.57	19.59		
5	256QAM	1	0	17.56	17.64	17.59		
5	256QAM	1	12	17.62	17.69	17.61	19	3
5	256QAM	1	24	17.65	17.78	17.59		
5	256QAM	12	0	17.54	17.69	17.59		
5	256QAM	12	7	17.58	17.70	17.62	19	3
5	256QAM	12	13	17.62	17.67	17.52		
5	256QAM	25	0	17.52	17.76	17.66		

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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	21.20	21.16	21.25	21.06	21.11		
20	QPSK	1	49	21.20	21.12	21.22	21.15	21.07	22.5	0
20	QPSK	1	99	21.13	21.17	21.14	21.14	21.14		
20	QPSK	50	0	21.15	21.14	21.19	21.16	21.06		
20	QPSK	50	24	21.15	21.11	21.13	21.13	21.05	22.5	0
20	QPSK	50	50	21.13	21.10	21.23	21.09	21.03		
20	QPSK	100	0	21.09	21.13	21.21	21.13	21.10		
20	16QAM	1	0	21.20	21.17	21.20	21.06	21.10		
20	16QAM	1	49	21.15	21.17	21.22	21.07	21.05	22.5	0
20	16QAM	1	99	21.14	21.11	21.15	21.16	21.06		
20	16QAM	50	0	20.65	20.69	20.67	20.51	20.60		
20	16QAM	50	24	20.76	20.71	20.65	20.55	20.57	22	0.5
20	16QAM	50	50	20.72	20.69	20.59	20.56	20.61		
20	16QAM	100	0	20.71	20.71	20.61	20.53	20.60		
20	64QAM	1	0	20.73	20.60	20.65	20.55	20.59		
20	64QAM	1	49	20.72	20.65	20.62	20.52	20.59	22	0.5
20	64QAM	1	99	20.67	20.67	20.60	20.52	20.57		
20	64QAM	50	0	19.67	19.67	19.60	19.54	19.56		
20	64QAM	50	24	19.69	19.71	19.71	19.58	19.65	21	1.5
20	64QAM	50	50	19.73	19.63	19.60	19.60	19.67		
20	64QAM	100	0	19.65	19.65	19.70	19.59	19.56		
20	256QAM	1	0	17.65	17.65	17.59	17.58	17.59		
20	256QAM	1	49	17.71	17.65	17.71	17.52	17.57	19	3.5
20	256QAM	1	99	17.74	17.65	17.61	17.57	17.57		
20	256QAM	50	0	17.75	17.68	17.70	17.60	17.55		
20	256QAM	50	24	17.74	17.64	17.68	17.53	17.64	19	3.5
20	256QAM	50	50	17.73	17.65	17.69	17.54	17.57		
20	256QAM	100	0	17.67	17.71	17.66	17.53	17.64		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.14	21.02	21.09	20.98	21.05		
15	QPSK	1	37	21.06	21.00	21.16	21.05	20.98	22.50	0
15	QPSK	1	74	20.99	21.12	21.06	21.01	21.08		
15	QPSK	36	0	21.04	20.99	21.08	21.04	20.98		
15	QPSK	36	20	21.03	21.01	21.00	21.02	21.00	22.5	0
15	QPSK	36	39	21.00	20.94	21.10	21.04	20.97		
15	QPSK	75	0	20.99	21.07	21.15	20.98	20.97		
15	16QAM	1	0	21.14	21.13	21.06	20.92	21.01		
15	16QAM	1	37	21.10	21.03	21.11	20.97	20.95	22.5	0
15	16QAM	1	74	20.98	20.97	21.07	21.07	20.99		
15	16QAM	36	0	20.54	20.58	20.59	20.36	20.49		
15	16QAM	36	20	20.62	20.65	20.57	20.40	20.48	22	0.5
15	16QAM	36	39	20.57	20.58	20.51	20.49	20.48		
15	16QAM	75	0	20.55	20.57	20.48	20.46	20.52		
15	64QAM	1	0	20.58	20.54	20.52	20.47	20.54		
15	64QAM	1	37	20.60	20.54	20.49	20.39	20.53	22	0.5
15	64QAM	1	74	20.56	20.62	20.50	20.44	20.43		
15	64QAM	36	0	19.56	19.60	19.46	19.47	19.46		
15	64QAM	36	20	19.60	19.57	19.65	19.51	19.59	21	1.5
15	64QAM	36	39	19.68	19.50	19.46	19.47	19.55		
15	64QAM	75	0	19.50	19.56	19.62	19.55	19.50		
15	256QAM	1	0	17.52	17.50	17.46	17.45	17.48		
15	256QAM	1	37	17.64	17.50	17.59	17.38	17.52	19	3.5
15	256QAM	1	74	17.62	17.51	17.53	17.51	17.48		
15	256QAM	36	0	17.69	17.63	17.54	17.48	17.43		
15	256QAM	36	20	17.59	17.54	17.59	17.38	17.55	19	3.5
15	256QAM	36	39	17.63	17.56	17.58	17.38	17.50		
15	256QAM	75	0	17.55	17.61	17.52	17.44	17.49		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.08	21.08	21.03	21.00	20.98		
10	QPSK	1	25	21.14	21.07	21.17	21.08	21.02	22.50	0
10	QPSK	1	49	21.06	21.09	21.09	21.00	20.98		
10	QPSK	25	0	21.09	20.99	21.04	21.05	21.02		
10	QPSK	25	12	21.10	21.05	21.02	21.03	20.96	22.5	0
10	QPSK	25	25	21.09	20.99	21.16	21.04	20.92		
10	QPSK	50	0	20.93	21.04	21.05	21.01	20.95		
10	16QAM	1	0	21.05	21.05	21.06	20.98	20.96		
10	16QAM	1	25	21.03	21.03	21.12	20.92	20.99	22.5	0
10	16QAM	1	49	21.02	20.97	21.04	21.01	20.98		
10	16QAM	25	0	20.55	20.56	20.61	20.43	20.51		
10	16QAM	25	12	20.67	20.59	20.49	20.49	20.42	22	0.5
10	16QAM	25	25	20.67	20.61	20.49	20.42	20.47		
10	16QAM	50	0	20.64	20.63	20.46	20.41	20.44		
10	64QAM	1	0	20.64	20.46	20.51	20.42	20.43		
10	64QAM	1	25	20.67	20.59	20.54	20.45	20.45	22	0.5
10	64QAM	1	49	20.61	20.57	20.51	20.45	20.46		
10	64QAM	25	0	19.51	19.60	19.53	19.45	19.44		
10	64QAM	25	12	19.61	19.61	19.61	19.52	19.53	21	1.5
10	64QAM	25	25	19.64	19.48	19.49	19.46	19.59		
10	64QAM	50	0	19.55	19.50	19.61	19.45	19.41		
10	256QAM	1	0	17.58	17.50	17.51	17.44	17.52		
10	256QAM	1	25	17.57	17.52	17.66	17.37	17.45	19	3.5
10	256QAM	1	49	17.63	17.51	17.53	17.46	17.49		
10	256QAM	25	0	17.63	17.58	17.57	17.51	17.40		
10	256QAM	25	12	17.60	17.55	17.53	17.42	17.54	19	3.5
10	256QAM	25	25	17.61	17.57	17.60	17.41	17.45		
10	256QAM	50	0	17.53	17.65	17.61	17.38	17.51		
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	21.16	21.07	21.02	20.92	21.06		
5	QPSK	1	12	21.06	21.02	21.10	21.07	21.02	22.50	0
5	QPSK	1	24	21.01	21.13	21.03	21.01	21.07		
5	QPSK	12	0	21.00	21.07	21.14	21.06	20.94		
5	QPSK	12	7	21.03	21.00	21.02	21.08	20.95	22.5	0
5	QPSK	12	13	20.97	21.03	21.18	20.99	20.88		
5	QPSK	25	0	20.93	21.01	21.09	21.09	20.97		
5	16QAM	1	0	21.12	21.03	21.15	20.94	21.05		
5	16QAM	1	12	21.09	21.03	21.16	20.94	20.90	22.5	0
5	16QAM	1	24	21.09	21.04	21.08	21.10	20.99		
5	16QAM	12	0	20.50	20.59	20.54	20.37	20.55		
5	16QAM	12	7	20.60	20.67	20.54	20.45	20.47	22	0.5
5	16QAM	12	13	20.65	20.58	20.49	20.50	20.48		
5	16QAM	25	0	20.62	20.66	20.51	20.40	20.46		
5	64QAM	1	0	20.67	20.47	20.54	20.47	20.46		
5	64QAM	1	12	20.68	20.52	20.50	20.40	20.49	22	0.5
5	64QAM	1	24	20.63	20.51	20.53	20.39	20.50		
5	64QAM	12	0	19.52	19.54	19.53	19.42	19.46		
5	64QAM	12	7	19.61	19.65	19.60	19.47	19.52	21	1.5
5	64QAM	12	13	19.65	19.48	19.49	19.50	19.58		
5	64QAM	25	0	19.61	19.57	19.58	19.51	19.41		
5	256QAM	1	0	17.59	17.61	17.48	17.42	17.49		
5	256QAM	1	12	17.60	17.60	17.57	17.38	17.52	19	3.5
5	256QAM	1	24	17.67	17.50	17.54	17.52	17.47		
5	256QAM	12	0	17.60	17.57	17.62	17.48	17.48		
5	256QAM	12	7	17.65	17.53	17.56	17.39	17.60	19	3.5
5	256QAM	12	13	17.65	17.51	17.64	17.43	17.41		
5	256QAM	25	0	17.61	17.67	17.60	17.38	17.53		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.11	21.27	21.22	22	0
20	QPSK	1	49	21.19	21.15	21.26		
20	QPSK	1	99	21.12	21.26	21.12		
20	QPSK	50	0	21.05	21.17	21.11	22	0
20	QPSK	50	24	21.16	21.00	21.05		
20	QPSK	50	50	21.11	21.01	21.11		
20	QPSK	100	0	20.86	21.04	20.85		
20	16QAM	1	0	21.01	20.95	20.96	22	0
20	16QAM	1	49	21.04	20.93	21.00		
20	16QAM	1	99	20.71	20.67	20.87		
20	16QAM	50	0	20.96	20.77	20.86	22	0
20	16QAM	50	24	20.79	20.68	20.73		
20	16QAM	50	50	20.90	20.84	20.88		
20	16QAM	100	0	20.76	20.72	20.85		
20	64QAM	1	0	20.88	20.94	20.73	22	0
20	64QAM	1	49	20.90	20.73	20.91		
20	64QAM	1	99	21.00	20.79	20.82		
20	64QAM	50	0	20.72	20.78	20.78	22	0
20	64QAM	50	24	20.97	20.81	20.77		
20	64QAM	50	50	20.76	20.76	20.91		
20	64QAM	100	0	20.80	20.67	20.91		
20	256QAM	1	0	19.07	19.16	19.16	20	2
20	256QAM	1	49	18.99	19.20	19.03		
20	256QAM	1	99	19.03	19.16	18.91		
20	256QAM	50	0	19.11	19.12	19.10	20	2
20	256QAM	50	24	19.10	19.08	19.09		
20	256QAM	50	50	19.07	19.23	19.11		
20	256QAM	100	0	19.09	19.07	19.01		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.98	21.18	21.15	22	0
15	QPSK	1	37	21.07	21.08	21.20		
15	QPSK	1	74	21.02	21.19	20.97		
15	QPSK	36	0	20.96	21.03	21.03	22	0
15	QPSK	36	20	21.06	20.88	20.93		
15	QPSK	36	39	21.02	20.91	21.01		
15	QPSK	75	0	20.78	20.97	20.72		
15	16QAM	1	0	20.90	20.87	20.92	22	0
15	16QAM	1	37	20.88	20.84	20.89		
15	16QAM	1	74	20.65	20.52	20.72		
15	16QAM	36	0	20.80	20.69	20.75	22	0
15	16QAM	36	20	20.69	20.62	20.61		
15	16QAM	36	39	20.82	20.77	20.80		
15	16QAM	75	0	20.62	20.67	20.74		
15	64QAM	1	0	20.73	20.78	20.64	22	0
15	64QAM	1	37	20.80	20.69	20.86		
15	64QAM	1	74	20.88	20.65	20.71		
15	64QAM	36	0	20.65	20.71	20.72	22	0
15	64QAM	36	20	20.82	20.68	20.62		
15	64QAM	36	39	20.62	20.66	20.85		
15	64QAM	75	0	20.72	20.56	20.81		
15	256QAM	1	0	18.94	19.07	19.10	20	2
15	256QAM	1	37	18.90	19.08	18.89		
15	256QAM	1	74	18.97	19.07	18.84		
15	256QAM	36	0	18.99	19.02	19.00	20	2
15	256QAM	36	20	19.00	18.95	18.98		
15	256QAM	36	39	19.02	19.17	18.97		
15	256QAM	75	0	19.06	18.93	18.93		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.06	21.21	21.14	22	0
10	QPSK	1	25	21.13	21.07	21.20		
10	QPSK	1	49	21.04	21.13	20.97		
10	QPSK	25	0	20.98	21.04	20.96	22	0
10	QPSK	25	12	21.06	20.86	21.00		
10	QPSK	25	25	21.06	20.88	21.01		
10	QPSK	50	0	20.82	20.97	20.72		
10	16QAM	1	0	20.95	20.88	20.89	22	0
10	16QAM	1	25	20.97	20.79	20.85		
10	16QAM	1	49	20.66	20.53	20.82		
10	16QAM	25	0	20.90	20.62	20.75	22	0
10	16QAM	25	12	20.72	20.60	20.57		
10	16QAM	25	25	20.79	20.78	20.72		
10	16QAM	50	0	20.63	20.57	20.79		
10	64QAM	1	0	20.81	20.85	20.66	22	0
10	64QAM	1	25	20.78	20.68	20.84		
10	64QAM	1	49	20.91	20.66	20.74		
10	64QAM	25	0	20.61	20.63	20.72	22	0
10	64QAM	25	12	20.87	20.70	20.70		
10	64QAM	25	25	20.61	20.61	20.79		
10	64QAM	50	0	20.67	20.57	20.83		
10	256QAM	1	0	18.98	19.08	19.04	20	2
10	256QAM	1	25	18.92	19.16	18.95		
10	256QAM	1	49	18.98	19.11	18.78		
10	256QAM	25	0	19.00	19.06	18.97	20	2
10	256QAM	25	12	18.96	19.01	19.05		
10	256QAM	25	25	19.05	19.14	19.03		
10	256QAM	50	0	18.99	19.01	18.98		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.05	21.18	21.08	22	0
5	QPSK	1	12	21.10	21.09	21.19		
5	QPSK	1	24	20.99	21.13	21.04		
5	QPSK	12	0	20.94	21.07	20.96	22	0
5	QPSK	12	7	21.08	20.96	20.96		
5	QPSK	12	13	20.96	20.92	20.99		
5	QPSK	25	0	20.81	20.96	20.79		
5	16QAM	1	0	20.88	20.84	20.85	22	0
5	16QAM	1	12	20.95	20.80	20.85		
5	16QAM	1	24	20.58	20.52	20.74		
5	16QAM	12	0	20.86	20.70	20.81	22	0
5	16QAM	12	7	20.67	20.56	20.60		
5	16QAM	12	13	20.78	20.69	20.76		
5	16QAM	25	0	20.66	20.58	20.78		
5	64QAM	1	0	20.72	20.84	20.61	22	0
5	64QAM	1	12	20.78	20.67	20.83		
5	64QAM	1	24	20.93	20.68	20.73		
5	64QAM	12	0	20.60	20.72	20.73	22	0
5	64QAM	12	7	20.83	20.71	20.62		
5	64QAM	12	13	20.61	20.69	20.78		
5	64QAM	25	0	20.73	20.53	20.84		
5	256QAM	1	0	19.05	19.09	19.05	20	2
5	256QAM	1	12	18.92	19.13	18.90		
5	256QAM	1	24	18.96	19.09	18.85		
5	256QAM	12	0	19.08	18.99	18.97	20	2
5	256QAM	12	7	19.03	19.01	19.02		
5	256QAM	12	13	18.94	19.13	19.00		
5	256QAM	25	0	18.97	19.02	18.88		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.00	21.18	21.15	22	0
3	QPSK	1	8	21.14	21.01	21.18		
3	QPSK	1	14	21.07	21.12	21.05		
3	QPSK	8	0	20.97	21.08	20.99	22	0
3	QPSK	8	4	21.06	20.90	20.90		
3	QPSK	8	7	20.99	20.95	20.96		
3	QPSK	15	0	20.71	20.97	20.78		
3	16QAM	1	0	20.92	20.90	20.91	22	0
3	16QAM	1	8	20.92	20.77	20.86		
3	16QAM	1	14	20.66	20.52	20.77		
3	16QAM	8	0	20.87	20.66	20.77	22	0
3	16QAM	8	4	20.72	20.52	20.69		
3	16QAM	8	7	20.77	20.76	20.84		
3	16QAM	15	0	20.65	20.59	20.70		
3	64QAM	1	0	20.77	20.87	20.63	22	0
3	64QAM	1	8	20.84	20.68	20.77		
3	64QAM	1	14	20.94	20.64	20.76		
3	64QAM	8	0	20.56	20.67	20.68	22	0
3	64QAM	8	4	20.91	20.76	20.70		
3	64QAM	8	7	20.67	20.61	20.85		
3	64QAM	15	0	20.70	20.60	20.77		
3	256QAM	1	0	19.05	19.07	19.04	20	2
3	256QAM	1	8	18.96	19.16	18.94		
3	256QAM	1	14	19.00	19.07	18.84		
3	256QAM	8	0	19.02	19.05	18.97	20	2
3	256QAM	8	4	19.03	18.98	19.04		
3	256QAM	8	7	19.00	19.13	19.06		
3	256QAM	15	0	18.96	18.97	18.93		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.99	21.14	21.06	22	0
1.4	QPSK	1	3	21.03	21.02	21.10		
1.4	QPSK	1	5	21.07	21.18	20.97		
1.4	QPSK	3	0	20.98	21.01	20.98		
1.4	QPSK	3	1	21.04	20.95	20.91		
1.4	QPSK	3	3	21.00	20.87	20.99		
1.4	QPSK	6	0	20.72	20.95	20.80	22	0
1.4	16QAM	1	0	20.88	20.79	20.82	22	0
1.4	16QAM	1	3	20.98	20.85	20.94		
1.4	16QAM	1	5	20.58	20.55	20.77		
1.4	16QAM	3	0	20.88	20.69	20.78		
1.4	16QAM	3	1	20.72	20.55	20.66		
1.4	16QAM	3	3	20.77	20.80	20.78		
1.4	16QAM	6	0	20.68	20.64	20.75	22	0
1.4	64QAM	1	0	20.75	20.89	20.60	22	0
1.4	64QAM	1	3	20.75	20.64	20.85		
1.4	64QAM	1	5	20.90	20.66	20.70		
1.4	64QAM	3	0	20.65	20.63	20.74		
1.4	64QAM	3	1	20.91	20.72	20.65		
1.4	64QAM	3	3	20.67	20.71	20.78		
1.4	64QAM	6	0	20.64	20.56	20.83	22	0
1.4	256QAM	1	0	18.99	19.02	19.08	20	2
1.4	256QAM	1	3	18.94	19.08	19.00		
1.4	256QAM	1	5	18.97	19.11	18.79		
1.4	256QAM	3	0	19.07	19.02	19.08		
1.4	256QAM	3	1	19.06	18.97	18.98		
1.4	256QAM	3	3	18.98	19.16	19.08		
1.4	256QAM	6	0	19.00	18.94	18.91	20	2

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BW [MHz]	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	19.16	19.28	19.15	19.5	0
20	QPSK	1	49	19.21	19.13	19.19		
20	QPSK	1	99	19.19	19.24	19.15		
20	QPSK	50	0	19.04	19.20	19.12	19.5	0
20	QPSK	50	24	19.15	19.07	19.03		
20	QPSK	50	50	19.08	19.07	19.11		
20	QPSK	100	0	18.82	18.97	18.80		
20	16QAM	1	0	18.96	18.90	18.95	19.5	0
20	16QAM	1	49	19.02	18.94	18.91		
20	16QAM	1	99	18.69	18.70	18.76		
20	16QAM	50	0	18.86	18.71	18.85	19.5	0
20	16QAM	50	24	18.74	18.72	18.73		
20	16QAM	50	50	18.85	18.88	18.83		
20	16QAM	100	0	18.77	18.74	18.86		
20	64QAM	1	0	18.88	18.91	18.70	19.5	0
20	64QAM	1	49	18.95	18.72	18.94		
20	64QAM	1	99	18.96	18.80	18.88		
20	64QAM	50	0	18.74	18.79	18.78	19.5	0
20	64QAM	50	24	18.92	18.80	18.78		
20	64QAM	50	50	18.75	18.76	18.84		
20	64QAM	100	0	18.85	18.69	18.81		
20	256QAM	1	0	18.76	18.86	18.78	19.5	0
20	256QAM	1	49	18.86	18.90	18.85		
20	256QAM	1	99	18.86	18.67	18.87		
20	256QAM	50	0	18.95	18.74	18.84	19.5	0
20	256QAM	50	24	18.75	18.72	18.82		
20	256QAM	50	50	18.80	18.61	18.80		
20	256QAM	100	0	18.80	18.84	18.82		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.04	19.21	19.09	19.5	0
15	QPSK	1	37	19.08	18.99	19.11		
15	QPSK	1	74	19.05	19.15	19.02		
15	QPSK	36	0	18.95	19.10	18.97	19.5	0
15	QPSK	36	20	19.10	18.95	18.96		
15	QPSK	36	39	18.98	18.97	19.06		
15	QPSK	75	0	18.68	18.92	18.72		
15	16QAM	1	0	18.91	18.84	18.88	19.5	0
15	16QAM	1	37	18.93	18.88	18.83		
15	16QAM	1	74	18.64	18.66	18.64		
15	16QAM	36	0	18.71	18.58	18.77	19.5	0
15	16QAM	36	20	18.63	18.58	18.65		
15	16QAM	36	39	18.73	18.80	18.68		
15	16QAM	75	0	18.70	18.66	18.79		
15	64QAM	1	0	18.79	18.79	18.60	19.5	0
15	64QAM	1	37	18.85	18.59	18.85		
15	64QAM	1	74	18.88	18.71	18.77		
15	64QAM	36	0	18.58	18.67	18.69	19.5	0
15	64QAM	36	20	18.81	18.66	18.71		
15	64QAM	36	39	18.63	18.70	18.78		
15	64QAM	75	0	18.79	18.58	18.70		
15	256QAM	1	0	18.62	18.80	18.65	19.5	0
15	256QAM	1	37	18.79	18.76	18.79		
15	256QAM	1	74	18.80	18.63	18.73		
15	256QAM	36	0	18.86	18.70	18.77	19.5	0
15	256QAM	36	20	18.63	18.67	18.66		
15	256QAM	36	39	18.73	18.55	18.71		
15	256QAM	75	0	18.70	18.71	18.68		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.02	19.23	19.08	19.5	0
10	QPSK	1	25	19.07	19.08	19.06		
10	QPSK	1	49	19.10	19.08	19.07		
10	QPSK	25	0	18.89	19.16	19.05	19.5	0
10	QPSK	25	12	19.08	19.03	18.99		
10	QPSK	25	25	18.93	19.00	19.04		
10	QPSK	50	0	18.71	18.88	18.67		
10	16QAM	1	0	18.91	18.76	18.79	19.5	0
10	16QAM	1	25	18.92	18.88	18.81		
10	16QAM	1	49	18.58	18.60	18.61		
10	16QAM	25	0	18.82	18.57	18.76	19.5	0
10	16QAM	25	12	18.66	18.62	18.67		
10	16QAM	25	25	18.79	18.72	18.75		
10	16QAM	50	0	18.72	18.62	18.78		
10	64QAM	1	0	18.76	18.82	18.66	19.5	0
10	64QAM	1	25	18.80	18.59	18.89		
10	64QAM	1	49	18.85	18.76	18.72		
10	64QAM	25	0	18.58	18.65	18.72	19.5	0
10	64QAM	25	12	18.79	18.71	18.84		
10	64QAM	25	25	18.63	18.62	18.78		
10	64QAM	50	0	18.72	18.60	18.70		
10	256QAM	1	0	18.60	18.76	18.67	19.5	0
10	256QAM	1	25	18.72	18.83	18.79		
10	256QAM	1	49	18.73	18.53	18.80		
10	256QAM	25	0	18.90	18.60	18.72	19.5	0
10	256QAM	25	12	18.70	18.61	18.75		
10	256QAM	25	25	18.68	18.50	18.76		
10	256QAM	50	0	18.65	18.74	18.78		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.09	19.18	19.01	19.5	0
5	QPSK	1	12	19.08	19.09	19.08		
5	QPSK	1	24	19.08	19.14	19.11		
5	QPSK	12	0	18.93	19.10	19.03	19.5	0
5	QPSK	12	7	19.03	18.99	18.88		
5	QPSK	12	13	18.98	18.93	18.97		
5	QPSK	25	0	18.74	18.90	18.66		
5	16QAM	1	0	18.90	18.79	18.89	19.5	0
5	16QAM	1	12	18.94	18.82	18.79		
5	16QAM	1	24	18.59	18.59	18.63		
5	16QAM	12	0	18.73	18.63	18.75	19.5	0
5	16QAM	12	7	18.60	18.62	18.61		
5	16QAM	12	13	18.70	18.80	18.78		
5	16QAM	25	0	18.72	18.69	18.74		
5	64QAM	1	0	18.82	18.78	18.64	19.5	0
5	64QAM	1	12	18.88	18.65	18.84		
5	64QAM	1	24	18.90	18.67	18.81		
5	64QAM	12	0	18.61	18.70	18.67	19.5	0
5	64QAM	12	7	18.79	18.69	18.64		
5	64QAM	12	13	18.61	18.65	18.77		
5	64QAM	25	0	18.79	18.56	18.76		
5	256QAM	1	0	18.72	18.75	18.69	19.5	0
5	256QAM	1	12	18.81	18.76	18.79		
5	256QAM	1	24	18.74	18.51	18.80		
5	256QAM	12	0	18.86	18.67	18.80	19.5	0
5	256QAM	12	7	18.66	18.65	18.69		
5	256QAM	12	13	18.74	18.47	18.67		
5	256QAM	25	0	18.70	18.77	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.71	21.86	21.73	22.5	0
20	QPSK	1	49	21.70	21.79	21.84		
20	QPSK	1	99	21.76	21.79	21.74		
20	QPSK	50	0	21.56	21.73	21.65	22.5	0
20	QPSK	50	24	21.62	21.64	21.63		
20	QPSK	50	50	21.70	21.62	21.57		
20	QPSK	100	0	21.44	21.51	21.34		
20	16QAM	1	0	21.53	21.45	21.47	22.5	0
20	16QAM	1	49	21.65	21.52	21.46		
20	16QAM	1	99	21.24	21.17	21.38		
20	16QAM	50	0	21.51	21.33	21.47	22.5	0
20	16QAM	50	24	21.33	21.26	21.36		
20	16QAM	50	50	21.45	21.39	21.47		
20	16QAM	100	0	21.28	21.24	21.36		
20	64QAM	1	0	21.43	21.46	21.29	22.5	0
20	64QAM	1	49	21.47	21.34	21.43		
20	64QAM	1	99	21.56	21.37	21.38		
20	64QAM	50	0	20.69	20.83	20.64	21.5	1
20	64QAM	50	24	20.57	20.72	20.50		
20	64QAM	50	50	20.70	20.69	20.43		
20	64QAM	100	0	20.69	20.73	20.59		
20	256QAM	1	0	18.68	18.81	18.58	19.5	3
20	256QAM	1	49	18.60	18.69	18.43		
20	256QAM	1	99	18.71	18.71	18.51		
20	256QAM	50	0	18.67	18.79	18.65	19.5	3
20	256QAM	50	24	18.64	18.69	18.61		
20	256QAM	50	50	18.57	18.70	18.47		
20	256QAM	100	0	18.61	18.67	18.56		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.65	21.60	21.69	22.5	0
15	QPSK	1	37	21.61	21.65	21.70		
15	QPSK	1	74	21.64	21.73	21.60		
15	QPSK	36	0	21.49	21.64	21.51	22.5	0
15	QPSK	36	20	21.57	21.57	21.52		
15	QPSK	36	39	21.61	21.55	21.51		
15	QPSK	75	0	21.29	21.41	21.25		
15	16QAM	1	0	21.43	21.41	21.40	22.5	0
15	16QAM	1	37	21.57	21.48	21.36		
15	16QAM	1	74	21.19	21.09	21.28		
15	16QAM	36	0	21.43	21.24	21.35	22.5	0
15	16QAM	36	20	21.28	21.17	21.31		
15	16QAM	36	39	21.30	21.33	21.35		
15	16QAM	75	0	21.15	21.16	21.24		
15	64QAM	1	0	21.27	21.40	21.13	22.5	0
15	64QAM	1	37	21.42	21.28	21.33		
15	64QAM	1	74	21.45	21.22	21.26		
15	64QAM	36	0	20.55	20.78	20.58	21.5	1
15	64QAM	36	20	20.52	20.67	20.45		
15	64QAM	36	39	20.65	20.65	20.29		
15	64QAM	75	0	20.64	20.66	20.48		
15	256QAM	1	0	18.57	18.79	18.52	19.5	3
15	256QAM	1	37	18.55	18.63	18.40		
15	256QAM	1	74	18.64	18.60	18.37		
15	256QAM	36	0	18.58	18.69	18.56	19.5	3
15	256QAM	36	20	18.51	18.67	18.54		
15	256QAM	36	39	18.55	18.58	18.35		
15	256QAM	75	0	18.51	18.58	18.48		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.65	21.61	21.64	22.5	0
10	QPSK	1	25	21.57	21.63	21.78		
10	QPSK	1	49	21.71	21.68	21.60		
10	QPSK	25	0	21.50	21.63	21.60	22.5	0
10	QPSK	25	12	21.53	21.50	21.59		
10	QPSK	25	25	21.63	21.50	21.42		
10	QPSK	50	0	21.31	21.39	21.28		
10	16QAM	1	0	21.39	21.40	21.43	22.5	0
10	16QAM	1	25	21.56	21.38	21.38		
10	16QAM	1	49	21.16	21.09	21.31		
10	16QAM	25	0	21.36	21.22	21.37	22.5	0
10	16QAM	25	12	21.26	21.15	21.30		
10	16QAM	25	25	21.31	21.32	21.35		
10	16QAM	50	0	21.22	21.13	21.27		
10	64QAM	1	0	21.29	21.32	21.21	22.5	0
10	64QAM	1	25	21.34	21.23	21.38		
10	64QAM	1	49	21.41	21.22	21.33		
10	64QAM	25	0	20.58	20.74	20.61	21.5	1
10	64QAM	25	12	20.50	20.58	20.46		
10	64QAM	25	25	20.59	20.66	20.31		
10	64QAM	50	0	20.64	20.69	20.54		
10	256QAM	1	0	18.56	18.79	18.55	19.5	3
10	256QAM	1	25	18.55	18.60	18.38		
10	256QAM	1	49	18.66	18.68	18.45		
10	256QAM	25	0	18.64	18.72	18.52	19.5	3
10	256QAM	25	12	18.52	18.66	18.57		
10	256QAM	25	25	18.55	18.65	18.36		
10	256QAM	50	0	18.49	18.57	18.52		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.65	21.67	21.58	22.5	0
5	QPSK	1	12	21.62	21.72	21.71		
5	QPSK	1	24	21.68	21.68	21.64		
5	QPSK	12	0	21.50	21.60	21.51	22.5	0
5	QPSK	12	7	21.53	21.52	21.52		
5	QPSK	12	13	21.65	21.47	21.50		
5	QPSK	25	0	21.39	21.36	21.28		
5	16QAM	1	0	21.45	21.30	21.42	22.5	0
5	16QAM	1	12	21.60	21.47	21.40		
5	16QAM	1	24	21.17	21.13	21.31		
5	16QAM	12	0	21.40	21.20	21.33	22.5	0
5	16QAM	12	7	21.21	21.20	21.27		
5	16QAM	12	13	21.39	21.24	21.31		
5	16QAM	25	0	21.22	21.14	21.20		
5	64QAM	1	0	21.30	21.35	21.23	22.5	0
5	64QAM	1	12	21.43	21.27	21.36		
5	64QAM	1	24	21.45	21.21	21.22		
5	64QAM	12	0	20.56	20.72	20.54	21.5	1
5	64QAM	12	7	20.54	20.62	20.46		
5	64QAM	12	13	20.67	20.59	20.35		
5	64QAM	25	0	20.60	20.59	20.51		
5	256QAM	1	0	18.65	18.70	18.51	19.5	3
5	256QAM	1	12	18.53	18.61	18.35		
5	256QAM	1	24	18.57	18.61	18.41		
5	256QAM	12	0	18.57	18.71	18.54	19.5	3
5	256QAM	12	7	18.58	18.56	18.53		
5	256QAM	12	13	18.55	18.63	18.34		
5	256QAM	25	0	18.57	18.65	18.51		

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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	21.55	21.59	21.71	21.63	21.60	22.5	0
20	QPSK	1	49	21.59	21.61	21.69	21.68	21.69		
20	QPSK	1	99	21.54	21.63	21.66	21.63	21.54		
20	QPSK	50	0	21.44	21.47	21.58	21.62	21.58	22.5	0
20	QPSK	50	24	21.49	21.50	21.50	21.59	21.53		
20	QPSK	50	50	21.47	21.48	21.43	21.55	21.51		
20	QPSK	100	0	21.30	21.24	21.49	21.27	21.29		
20	16QAM	1	0	21.45	21.45	21.35	21.37	21.34	22.5	0
20	16QAM	1	49	21.54	21.48	21.37	21.42	21.42		
20	16QAM	1	99	21.12	21.10	21.11	21.22	21.30		
20	16QAM	50	0	21.31	21.33	21.13	21.33	21.35	22.5	0
20	16QAM	50	24	21.12	21.18	21.15	21.24	21.21		
20	16QAM	50	50	21.37	21.28	21.29	21.33	21.29		
20	16QAM	100	0	21.21	21.25	21.19	21.30	21.30		
20	64QAM	1	0	21.29	21.40	21.31	21.13	21.16	22.5	0
20	64QAM	1	49	21.35	21.34	21.13	21.29	21.37		
20	64QAM	1	99	21.43	21.35	21.23	21.27	21.33		
20	64QAM	50	0	20.53	20.53	20.69	20.64	20.58	21.5	1
20	64QAM	50	24	20.40	20.43	20.56	20.55	20.43		
20	64QAM	50	50	20.52	20.50	20.47	20.41	20.38		
20	64QAM	100	0	20.58	20.47	20.61	20.54	20.47		
20	256QAM	1	0	18.57	18.63	18.58	18.66	18.52	19.5	3
20	256QAM	1	49	18.48	18.44	18.53	18.55	18.47		
20	256QAM	1	99	18.51	18.47	18.51	18.38	18.33		
20	256QAM	50	0	18.54	18.53	18.58	18.56	18.46	19.5	3
20	256QAM	50	24	18.48	18.50	18.62	18.54	18.51		
20	256QAM	50	50	18.43	18.47	18.65	18.48	18.44		
20	256QAM	100	0	18.57	18.45	18.53	18.50	18.44		
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	21.44	21.49	21.63	21.57	21.49	22.50	0
15	QPSK	1	37	21.54	21.53	21.63	21.54	21.60		
15	QPSK	1	74	21.45	21.56	21.61	21.55	21.39		
15	QPSK	36	0	21.33	21.32	21.44	21.46	21.50	22.5	0
15	QPSK	36	20	21.41	21.45	21.38	21.45	21.38		
15	QPSK	36	39	21.35	21.40	21.28	21.39	21.46		
15	QPSK	75	0	21.23	21.14	21.42	21.19	21.23		
15	16QAM	1	0	21.39	21.34	21.30	21.31	21.19	22.5	0
15	16QAM	1	37	21.40	21.33	21.22	21.34	21.27		
15	16QAM	1	74	21.00	20.95	20.97	21.11	21.16		
15	16QAM	36	0	21.19	21.23	20.98	21.21	21.29	22.5	0
15	16QAM	36	20	20.97	21.04	21.02	21.10	21.11		
15	16QAM	36	39	21.32	21.21	21.17	21.22	21.24		
15	16QAM	75	0	21.07	21.13	21.14	21.25	21.16		
15	64QAM	1	0	21.17	21.35	21.17	21.03	21.07	22.5	0
15	64QAM	1	37	21.26	21.26	21.04	21.15	21.23		
15	64QAM	1	74	21.38	21.28	21.13	21.23	21.19		
15	64QAM	36	0	20.44	20.45	20.66	20.55	20.48	21.5	1
15	64QAM	36	20	20.29	20.40	20.51	20.42	20.31		
15	64QAM	36	39	20.39	20.38	20.35	20.35	20.32		
15	64QAM	75	0	20.55	20.38	20.53	20.47	20.41		
15	256QAM	1	0	18.53	18.58	18.55	18.57	18.43	19.5	3
15	256QAM	1	37	18.40	18.32	18.50	18.43	18.35		
15	256QAM	1	74	18.42	18.34	18.42	18.25	18.19		
15	256QAM	36	0	18.42	18.40	18.55	18.52	18.36	19.5	3
15	256QAM	36	20	18.46	18.42	18.50	18.45	18.47		
15	256QAM	36	39	18.40	18.39	18.59	18.43	18.34		
15	256QAM	75	0	18.54	18.35	18.46	18.47	18.39		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.42	21.46	21.61	21.55	21.52	22.50	0
10	QPSK	1	25	21.52	21.45	21.62	21.63	21.61		
10	QPSK	1	49	21.45	21.57	21.52	21.57	21.39		
10	QPSK	25	0	21.34	21.41	21.46	21.50	21.51	22.5	0
10	QPSK	25	12	21.36	21.46	21.40	21.51	21.43		
10	QPSK	25	25	21.42	21.35	21.35	21.40	21.39		
10	QPSK	50	0	21.21	21.13	21.42	21.23	21.15		
10	16QAM	1	0	21.31	21.29	21.25	21.25	21.24	22.5	0
10	16QAM	1	25	21.43	21.43	21.29	21.31	21.32		
10	16QAM	1	49	21.07	20.97	21.02	21.08	21.22		
10	16QAM	25	0	21.21	21.19	21.09	21.28	21.30	22.5	0
10	16QAM	25	12	20.97	21.13	21.10	21.17	21.13		
10	16QAM	25	25	21.24	21.20	21.20	21.22	21.14		
10	16QAM	50	0	21.12	21.11	21.12	21.21	21.16		
10	64QAM	1	0	21.14	21.30	21.17	21.07	21.07	22.5	0
10	64QAM	1	25	21.20	21.22	21.01	21.19	21.28		
10	64QAM	1	49	21.39	21.31	21.09	21.12	21.28		
10	64QAM	25	0	20.47	20.50	20.64	20.54	20.47	21.5	1
10	64QAM	25	12	20.26	20.39	20.53	20.42	20.40		
10	64QAM	25	25	20.42	20.39	20.39	20.31	20.31		
10	64QAM	50	0	20.45	20.41	20.51	20.48	20.33		
10	256QAM	1	0	18.49	18.61	18.49	18.62	18.48	19.5	3
10	256QAM	1	25	18.44	18.31	18.45	18.50	18.37		
10	256QAM	1	49	18.42	18.43	18.48	18.27	18.29		
10	256QAM	25	0	18.47	18.40	18.54	18.51	18.41	19.5	3
10	256QAM	25	12	18.43	18.46	18.53	18.51	18.49		
10	256QAM	25	25	18.38	18.41	18.58	18.39	18.33		
10	256QAM	50	0	18.53	18.42	18.48	18.42	18.33		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.49	21.52	21.57	21.53	21.52	22.50	0
5	QPSK	1	12	21.49	21.54	21.54	21.55	21.59		
5	QPSK	1	24	21.40	21.52	21.58	21.51	21.49		
5	QPSK	12	0	21.36	21.41	21.42	21.52	21.48	22.5	0
5	QPSK	12	7	21.43	21.42	21.42	21.52	21.39		
5	QPSK	12	13	21.31	21.33	21.33	21.48	21.36		
5	QPSK	25	0	21.17	21.12	21.41	21.12	21.22		
5	16QAM	1	0	21.32	21.32	21.21	21.22	21.26	22.5	0
5	16QAM	1	12	21.45	21.34	21.30	21.29	21.28		
5	16QAM	1	24	21.01	20.97	21.07	21.14	21.15		
5	16QAM	12	0	21.16	21.18	21.02	21.23	21.21	22.5	0
5	16QAM	12	7	20.99	21.04	21.02	21.12	21.08		
5	16QAM	12	13	21.24	21.17	21.22	21.23	21.18		
5	16QAM	25	0	21.13	21.16	21.12	21.17	21.19		
5	64QAM	1	0	21.17	21.30	21.26	21.02	21.09	22.5	0
5	64QAM	1	12	21.20	21.27	21.03	21.14	21.26		
5	64QAM	1	24	21.30	21.26	21.18	21.21	21.19		
5	64QAM	12	0	20.43	20.51	20.64	20.58	20.45	21.5	1
5	64QAM	12	7	20.36	20.36	20.54	20.50	20.30		
5	64QAM	12	13	20.45	20.41	20.43	20.31	20.27		
5	64QAM	25	0	20.52	20.40	20.49	20.47	20.38		
5	256QAM	1	0	18.53	18.56	18.55	18.54	18.43	19.5	3
5	256QAM	1	12	18.41	18.37	18.51	18.46	18.35		
5	256QAM	1	24	18.46	18.35	18.40	18.35	18.30		
5	256QAM	12	0	18.47	18.44	18.48	18.50	18.34	19.5	3
5	256QAM	12	7	18.37	18.44	18.52	18.44	18.42		
5	256QAM	12	13	18.31	18.37	18.54	18.45	18.40		
5	256QAM	25	0	18.49	18.33	18.42	18.37	18.34		

Reduced Power Mode for DSI4_Other PA

Band 2 other PA Ant 2 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.20	24.25	24.18	25.5	0
20	QPSK	1	49	24.12	24.21	24.12		
20	QPSK	1	99	24.11	24.19	24.16		
20	QPSK	50	0	23.26	23.29	23.21	24.5	1
20	QPSK	50	24	23.11	23.16	23.15		
20	QPSK	50	50	23.16	23.21	23.15		
20	QPSK	100	0	23.18	23.28	23.19		
20	16QAM	1	0	23.22	23.27	23.13	24.5	1
20	16QAM	1	49	23.09	23.17	23.11		
20	16QAM	1	99	23.07	23.15	23.19		
20	16QAM	50	0	22.22	22.28	22.24	23.5	2
20	16QAM	50	24	22.05	22.16	22.10		
20	16QAM	50	50	22.15	22.21	22.11		
20	16QAM	100	0	22.23	22.26	22.24		
20	64QAM	1	0	22.27	22.32	22.10	23.5	2
20	64QAM	1	49	22.11	22.16	22.14		
20	64QAM	1	99	22.05	22.15	22.17		
20	64QAM	50	0	21.21	21.35	21.25	22.5	3
20	64QAM	50	24	21.11	21.17	21.13		
20	64QAM	50	50	21.18	21.23	21.12		
20	64QAM	100	0	21.19	21.25	21.23		
20	256QAM	1	0	19.29	19.26	19.21	20.5	5
20	256QAM	1	49	19.15	19.20	19.11		
20	256QAM	1	99	19.18	19.18	19.20		
20	256QAM	50	0	19.16	19.23	19.24	20.5	5
20	256QAM	50	24	19.20	19.30	19.18		
20	256QAM	50	50	19.11	19.11	19.15		
20	256QAM	100	0	19.02	19.13	19.14		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.07	24.15	24.09	25.5	0
15	QPSK	1	37	24.01	24.16	24.08		
15	QPSK	1	74	24.04	24.08	24.04		
15	QPSK	36	0	23.17	23.17	23.09	24.5	1
15	QPSK	36	20	23.05	23.13	23.11		
15	QPSK	36	39	23.09	23.09	23.08		
15	QPSK	75	0	23.14	23.20	23.07		
15	16QAM	1	0	23.11	23.23	23.03	24.5	1
15	16QAM	1	37	23.01	23.08	22.99		
15	16QAM	1	74	23.01	23.04	23.10		
15	16QAM	36	0	22.09	22.17	22.19	23.5	2
15	16QAM	36	20	21.96	22.07	21.96		
15	16QAM	36	39	22.12	22.15	22.01		
15	16QAM	75	0	22.15	22.14	22.12		
15	64QAM	1	0	22.21	22.23	22.07	23.5	2
15	64QAM	1	37	22.01	22.12	22.02		
15	64QAM	1	74	21.92	22.11	22.13		
15	64QAM	36	0	21.13	21.31	21.17	22.5	3
15	64QAM	36	20	21.04	21.06	21.01		
15	64QAM	36	39	21.09	21.17	21.05		
15	64QAM	75	0	21.13	21.14	21.14		
15	256QAM	1	0	19.20	19.12	19.15	20.5	5
15	256QAM	1	37	19.07	19.13	19.09		
15	256QAM	1	74	19.07	19.07	19.09		
15	256QAM	36	0	19.09	19.15	19.10	20.5	5
15	256QAM	36	20	19.07	19.17	19.09		
15	256QAM	36	39	19.09	19.00	19.07		
15	256QAM	75	0	18.99	19.07	19.01		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.08	24.16	24.06	25.5	0
10	QPSK	1	25	24.02	24.17	24.04		
10	QPSK	1	49	24.00	24.14	24.13		
10	QPSK	25	0	23.17	23.18	23.16	24.5	1
10	QPSK	25	12	23.03	23.10	23.05		
10	QPSK	25	25	23.09	23.17	23.10		
10	QPSK	50	0	23.11	23.14	23.14		
10	16QAM	1	0	23.09	23.18	23.04	24.5	1
10	16QAM	1	25	22.95	23.11	23.00		
10	16QAM	1	49	23.04	23.10	23.12		
10	16QAM	25	0	22.15	22.14	22.19	23.5	2
10	16QAM	25	12	21.96	22.04	22.05		
10	16QAM	25	25	22.10	22.14	22.01		
10	16QAM	50	0	22.14	22.22	22.19		
10	64QAM	1	0	22.22	22.24	21.98	23.5	2
10	64QAM	1	25	22.09	22.09	22.07		
10	64QAM	1	49	21.92	22.11	22.04		
10	64QAM	25	0	21.19	21.32	21.22	22.5	3
10	64QAM	25	12	21.09	21.04	21.05		
10	64QAM	25	25	21.06	21.12	21.04		
10	64QAM	50	0	21.14	21.22	21.15		
10	256QAM	1	0	19.23	19.16	19.15	20.5	5
10	256QAM	1	25	19.05	19.08	19.08		
10	256QAM	1	49	19.09	19.15	19.13		
10	256QAM	25	0	19.07	19.12	19.11	20.5	5
10	256QAM	25	12	19.13	19.18	19.06		
10	256QAM	25	25	18.99	19.00	19.04		
10	256QAM	50	0	18.92	19.03	19.03		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.10	24.13	24.12	25.5	0
5	QPSK	1	12	23.99	24.12	24.10		
5	QPSK	1	24	24.03	24.15	24.03		
5	QPSK	12	0	23.23	23.15	23.13	24.5	1
5	QPSK	12	7	23.02	23.04	23.03		
5	QPSK	12	13	23.04	23.16	23.11		
5	QPSK	25	0	23.06	23.17	23.15		
5	16QAM	1	0	23.18	23.23	23.06	24.5	1
5	16QAM	1	12	22.97	23.11	23.05		
5	16QAM	1	24	23.02	23.07	23.12		
5	16QAM	12	0	22.15	22.22	22.19	23.5	2
5	16QAM	12	7	21.92	22.08	21.97		
5	16QAM	12	13	22.02	22.14	22.06		
5	16QAM	25	0	22.11	22.21	22.21		
5	64QAM	1	0	22.16	22.27	21.96	23.5	2
5	64QAM	1	12	21.98	22.14	22.05		
5	64QAM	1	24	22.02	22.06	22.14		
5	64QAM	12	0	21.09	21.32	21.16	22.5	3
5	64QAM	12	7	21.05	21.09	21.06		
5	64QAM	12	13	21.05	21.12	21.09		
5	64QAM	25	0	21.14	21.13	21.14		
5	256QAM	1	0	19.16	19.20	19.15	20.5	5
5	256QAM	1	12	19.04	19.08	19.01		
5	256QAM	1	24	19.13	19.12	19.17		
5	256QAM	12	0	19.05	19.21	19.13	20.5	5
5	256QAM	12	7	19.07	19.22	19.05		
5	256QAM	12	13	19.05	18.99	19.05		
5	256QAM	25	0	18.93	19.09	19.00		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.18	24.16	24.08	25.5	0
3	QPSK	1	8	24.02	24.10	24.08		
3	QPSK	1	14	24.03	24.12	24.09		
3	QPSK	8	0	23.23	23.15	23.15	24.5	1
3	QPSK	8	4	23.04	23.04	23.05		
3	QPSK	8	7	23.07	23.13	23.12		
3	QPSK	15	0	23.04	23.21	23.13		
3	16QAM	1	0	23.18	23.14	23.07	24.5	1
3	16QAM	1	8	23.00	23.09	23.00		
3	16QAM	1	14	22.98	23.04	23.13		
3	16QAM	8	0	22.10	22.24	22.14	23.5	2
3	16QAM	8	4	21.96	22.03	22.01		
3	16QAM	8	7	22.07	22.09	22.04		
3	16QAM	15	0	22.15	22.22	22.14		
3	64QAM	1	0	22.19	22.27	22.07	23.5	2
3	64QAM	1	8	22.07	22.07	22.06		
3	64QAM	1	14	21.95	22.04	22.03		
3	64QAM	8	0	21.16	21.26	21.23	22.5	3
3	64QAM	8	4	21.03	21.10	20.99		
3	64QAM	8	7	21.10	21.17	21.07		
3	64QAM	15	0	21.17	21.19	21.14		
3	256QAM	1	0	19.17	19.13	19.15	20.5	5
3	256QAM	1	8	19.09	19.14	19.02		
3	256QAM	1	14	19.09	19.15	19.11		
3	256QAM	8	0	19.09	19.09	19.21	20.5	5
3	256QAM	8	4	19.09	19.16	19.10		
3	256QAM	8	7	19.08	19.04	19.07		
3	256QAM	15	0	18.88	19.02	19.09		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.13	24.15	24.08	25.5	0
1.4	QPSK	1	3	23.99	24.12	24.07		
1.4	QPSK	1	5	24.03	24.16	24.07		
1.4	QPSK	3	0	24.09	24.02	24.00		
1.4	QPSK	3	1	23.95	24.05	23.94		
1.4	QPSK	3	3	23.90	24.03	24.03		
1.4	QPSK	6	0	23.06	23.21	23.13	24.5	1
1.4	16QAM	1	0	23.13	23.15	23.05	24.5	1
1.4	16QAM	1	3	23.05	23.14	23.04		
1.4	16QAM	1	5	23.03	23.07	23.07		
1.4	16QAM	3	0	22.96	23.16	23.06		
1.4	16QAM	3	1	23.07	23.09	22.95		
1.4	16QAM	3	3	22.94	23.09	22.99		
1.4	16QAM	6	0	22.13	22.22	22.13	23.5	2
1.4	64QAM	1	0	22.23	22.26	21.98	23.5	2
1.4	64QAM	1	3	22.04	22.06	22.03		
1.4	64QAM	1	5	22.01	22.13	22.13		
1.4	64QAM	3	0	22.10	22.19	22.07		
1.4	64QAM	3	1	22.17	22.19	21.92		
1.4	64QAM	3	3	21.99	21.98	21.97		
1.4	64QAM	6	0	21.07	21.15	21.15	22.5	3
1.4	256QAM	1	0	19.18	19.20	19.11	20.5	5
1.4	256QAM	1	3	19.05	19.11	19.06		
1.4	256QAM	1	5	19.13	19.07	19.11		
1.4	256QAM	3	0	19.14	19.17	19.17		
1.4	256QAM	3	1	19.14	19.21	19.06		
1.4	256QAM	3	3	18.98	19.00	19.03		
1.4	256QAM	6	0	18.97	19.09	19.04	20.5	5

Band 7 other PA Ant 2 DSI4

BW [MHz]	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	24.18	24.21	24.15	25	0
20	QPSK	1	49	24.12	24.18	24.05		
20	QPSK	1	99	24.06	24.16	24.11		
20	QPSK	50	0	23.17	23.27	23.13	24	1
20	QPSK	50	24	23.08	23.23	23.08		
20	QPSK	50	50	23.04	23.18	23.09		
20	QPSK	100	0	23.21	23.22	23.10		
20	16QAM	1	0	23.19	23.20	23.19	24	1
20	16QAM	1	49	23.13	23.16	23.00		
20	16QAM	1	99	23.07	23.17	23.17		
20	16QAM	50	0	22.21	22.26	22.14	23	2
20	16QAM	50	24	22.04	22.24	22.04		
20	16QAM	50	50	22.08	22.22	22.12		
20	16QAM	100	0	22.20	22.24	22.13		
20	64QAM	1	0	22.17	22.26	22.25	23	2
20	64QAM	1	49	22.18	22.21	22.00		
20	64QAM	1	99	22.10	22.19	22.17		
20	64QAM	50	0	21.14	21.23	21.10	22	3
20	64QAM	50	24	21.11	21.19	21.08		
20	64QAM	50	50	21.03	21.17	21.12		
20	64QAM	100	0	21.19	21.25	21.12		
20	256QAM	1	0	19.23	19.22	19.16	20	5
20	256QAM	1	49	19.04	19.17	19.07		
20	256QAM	1	99	19.08	19.19	19.15		
20	256QAM	50	0	19.16	19.19	19.07	20	5
20	256QAM	50	24	19.14	19.18	19.13		
20	256QAM	50	50	19.17	19.15	19.06		
20	256QAM	100	0	19.11	19.14	19.18		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.14	24.12	24.08	25	0
15	QPSK	1	37	24.03	24.15	23.91		
15	QPSK	1	74	23.98	24.03	23.99		
15	QPSK	36	0	23.07	23.20	23.03	24	1
15	QPSK	36	20	23.00	23.20	23.02		
15	QPSK	36	39	22.99	23.08	23.01		
15	QPSK	75	0	23.17	23.12	22.98		
15	16QAM	1	0	23.07	23.14	23.05	24	1
15	16QAM	1	37	23.08	23.12	22.93		
15	16QAM	1	74	23.00	23.06	23.06		
15	16QAM	36	0	22.19	22.14	22.11	23	2
15	16QAM	36	20	21.94	22.13	21.92		
15	16QAM	36	39	21.99	22.14	22.05		
15	16QAM	75	0	22.13	22.14	22.04		
15	64QAM	1	0	22.03	22.20	22.16	23	2
15	64QAM	1	37	22.13	22.07	21.97		
15	64QAM	1	74	22.06	22.07	22.08		
15	64QAM	36	0	21.08	21.14	20.96	22	3
15	64QAM	36	20	21.04	21.12	21.02		
15	64QAM	36	39	20.99	21.07	21.02		
15	64QAM	75	0	21.16	21.21	21.03		
15	256QAM	1	0	19.12	19.12	19.12	20	5
15	256QAM	1	37	18.94	19.12	18.96		
15	256QAM	1	74	19.03	19.10	19.08		
15	256QAM	36	0	19.07	19.14	18.95	20	5
15	256QAM	36	20	19.07	19.07	19.08		
15	256QAM	36	39	19.09	19.08	18.99		
15	256QAM	75	0	19.06	19.04	19.14		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.12	24.13	24.06	25	0
10	QPSK	1	25	24.01	24.12	23.93		
10	QPSK	1	49	23.93	24.12	23.98		
10	QPSK	25	0	23.11	23.17	23.05	24	1
10	QPSK	25	12	23.00	23.18	22.95		
10	QPSK	25	25	23.01	23.11	23.04		
10	QPSK	50	0	23.13	23.20	23.05		
10	16QAM	1	0	23.12	23.17	23.06	24	1
10	16QAM	1	25	23.05	23.08	22.96		
10	16QAM	1	49	22.93	23.05	23.04		
10	16QAM	25	0	22.14	22.13	22.06	23	2
10	16QAM	25	12	21.91	22.12	21.97		
10	16QAM	25	25	21.96	22.13	21.98		
10	16QAM	50	0	22.15	22.18	22.02		
10	64QAM	1	0	22.15	22.23	22.21	23	2
10	64QAM	1	25	22.09	22.11	21.92		
10	64QAM	1	49	22.06	22.14	22.08		
10	64QAM	25	0	21.10	21.20	21.02	22	3
10	64QAM	25	12	21.03	21.16	20.97		
10	64QAM	25	25	20.94	21.06	21.09		
10	64QAM	50	0	21.05	21.15	21.01		
10	256QAM	1	0	19.21	19.10	19.07	20	5
10	256QAM	1	25	18.92	19.06	18.99		
10	256QAM	1	49	19.06	19.13	19.05		
10	256QAM	25	0	19.14	19.05	19.04	20	5
10	256QAM	25	12	19.04	19.09	19.08		
10	256QAM	25	25	19.07	19.12	18.99		
10	256QAM	50	0	18.98	19.07	19.04		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.07	24.08	24.13	25	0
5	QPSK	1	12	24.03	24.14	23.97		
5	QPSK	1	24	23.99	24.09	23.98		
5	QPSK	12	0	23.08	23.25	23.10	24	1
5	QPSK	12	7	22.99	23.16	23.01		
5	QPSK	12	13	22.97	23.10	23.02		
5	QPSK	25	0	23.18	23.11	23.02		
5	16QAM	1	0	23.10	23.11	23.07	24	1
5	16QAM	1	12	23.10	23.03	22.96		
5	16QAM	1	24	23.00	23.11	23.08		
5	16QAM	12	0	22.12	22.14	22.09	23	2
5	16QAM	12	7	21.97	22.16	21.92		
5	16QAM	12	13	22.01	22.14	22.08		
5	16QAM	25	0	22.09	22.20	22.08		
5	64QAM	1	0	22.05	22.15	22.16	23	2
5	64QAM	1	12	22.12	22.08	21.91		
5	64QAM	1	24	22.07	22.14	22.13		
5	64QAM	12	0	21.11	21.20	21.03	22	3
5	64QAM	12	7	21.06	21.09	20.99		
5	64QAM	12	13	21.00	21.11	21.08		
5	64QAM	25	0	21.07	21.15	20.98		
5	256QAM	1	0	19.13	19.11	19.02	20	5
5	256QAM	1	12	18.99	19.03	19.00		
5	256QAM	1	24	18.97	19.07	19.12		
5	256QAM	12	0	19.12	19.11	18.99	20	5
5	256QAM	12	7	19.12	19.06	19.02		
5	256QAM	12	13	19.07	19.12	18.96		
5	256QAM	25	0	19.03	19.00	19.11		

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BW [MHz]	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	23.82	23.86	23.78	25	0
20	QPSK	1	49	23.74	23.80	23.67		
20	QPSK	1	99	23.75	23.79	23.69		
20	QPSK	50	0	22.82	22.92	22.78	24	1
20	QPSK	50	24	22.73	22.86	22.68		
20	QPSK	50	50	22.69	22.80	22.65		
20	QPSK	100	0	22.84	22.88	22.77		
20	16QAM	1	0	22.86	22.84	22.82	24	1
20	16QAM	1	49	22.76	22.85	22.65		
20	16QAM	1	99	22.80	22.78	22.70		
20	16QAM	50	0	21.85	21.94	21.75	23	2
20	16QAM	50	24	21.73	21.85	21.73		
20	16QAM	50	50	21.71	21.74	21.70		
20	16QAM	100	0	21.88	21.83	21.81		
20	64QAM	1	0	21.88	21.79	21.80	23	2
20	64QAM	1	49	21.80	21.90	21.70		
20	64QAM	1	99	21.79	21.73	21.68		
20	64QAM	50	0	20.81	20.97	20.78	22	3
20	64QAM	50	24	20.75	20.91	20.63		
20	64QAM	50	50	20.74	20.83	20.70		
20	64QAM	100	0	20.84	20.82	20.83		
20	256QAM	1	0	18.79	18.95	18.74	20	5
20	256QAM	1	49	18.76	18.82	18.66		
20	256QAM	1	99	18.71	18.83	18.68		
20	256QAM	50	0	18.86	18.90	18.80	20	5
20	256QAM	50	24	18.91	18.87	18.84		
20	256QAM	50	50	18.78	18.81	18.60		
20	256QAM	100	0	18.75	18.80	18.72		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.76	23.75	23.70	25	0
15	QPSK	1	37	23.61	23.72	23.61		
15	QPSK	1	74	23.72	23.68	23.61		
15	QPSK	36	0	22.72	22.82	22.66	24	1
15	QPSK	36	20	22.61	22.79	22.56		
15	QPSK	36	39	22.58	22.78	22.61		
15	QPSK	75	0	22.73	22.78	22.65		
15	16QAM	1	0	22.83	22.76	22.73	24	1
15	16QAM	1	37	22.65	22.79	22.55		
15	16QAM	1	74	22.69	22.75	22.56		
15	16QAM	36	0	21.81	21.80	21.64	23	2
15	16QAM	36	20	21.59	21.82	21.59		
15	16QAM	36	39	21.68	21.66	21.64		
15	16QAM	75	0	21.79	21.78	21.67		
15	64QAM	1	0	21.81	21.66	21.76	23	2
15	64QAM	1	37	21.68	21.76	21.58		
15	64QAM	1	74	21.76	21.61	21.65		
15	64QAM	36	0	20.76	20.86	20.68	22	3
15	64QAM	36	20	20.72	20.81	20.49		
15	64QAM	36	39	20.67	20.75	20.67		
15	64QAM	75	0	20.78	20.70	20.75		
15	256QAM	1	0	18.70	18.89	18.63	20	5
15	256QAM	1	37	18.73	18.70	18.58		
15	256QAM	1	74	18.67	18.69	18.63		
15	256QAM	36	0	18.72	18.79	18.72	20	5
15	256QAM	36	20	18.80	18.78	18.75		
15	256QAM	36	39	18.64	18.72	18.52		
15	256QAM	75	0	18.73	18.72	18.62		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.77	23.78	23.69	25	0
10	QPSK	1	25	23.68	23.66	23.53		
10	QPSK	1	49	23.68	23.75	23.57		
10	QPSK	25	0	22.78	22.80	22.72	24	1
10	QPSK	25	12	22.63	22.76	22.55		
10	QPSK	25	25	22.65	22.77	22.60		
10	QPSK	50	0	22.74	22.78	22.65		
10	16QAM	1	0	22.80	22.73	22.68	24	1
10	16QAM	1	25	22.66	22.78	22.55		
10	16QAM	1	49	22.76	22.72	22.65		
10	16QAM	25	0	21.75	21.89	21.67	23	2
10	16QAM	25	12	21.67	21.71	21.62		
10	16QAM	25	25	21.65	21.64	21.66		
10	16QAM	50	0	21.77	21.79	21.75		
10	64QAM	1	0	21.77	21.72	21.76	23	2
10	64QAM	1	25	21.70	21.87	21.64		
10	64QAM	1	49	21.73	21.63	21.59		
10	64QAM	25	0	20.73	20.93	20.74	22	3
10	64QAM	25	12	20.69	20.89	20.55		
10	64QAM	25	25	20.62	20.74	20.63		
10	64QAM	50	0	20.75	20.70	20.72		
10	256QAM	1	0	18.69	18.81	18.68	20	5
10	256QAM	1	25	18.68	18.74	18.55		
10	256QAM	1	49	18.59	18.80	18.55		
10	256QAM	25	0	18.84	18.77	18.74	20	5
10	256QAM	25	12	18.83	18.81	18.81		
10	256QAM	25	25	18.70	18.71	18.53		
10	256QAM	50	0	18.71	18.77	18.63		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.76	23.81	23.64	25	0
5	QPSK	1	12	23.66	23.77	23.58		
5	QPSK	1	24	23.62	23.66	23.61		
5	QPSK	12	0	22.73	22.87	22.75	24	1
5	QPSK	12	7	22.69	22.81	22.55		
5	QPSK	12	13	22.57	22.67	22.62		
5	QPSK	25	0	22.76	22.79	22.66		
5	16QAM	1	0	22.75	22.78	22.78	24	1
5	16QAM	1	12	22.71	22.80	22.60		
5	16QAM	1	24	22.77	22.76	22.65		
5	16QAM	12	0	21.82	21.84	21.65	23	2
5	16QAM	12	7	21.67	21.80	21.67		
5	16QAM	12	13	21.68	21.64	21.60		
5	16QAM	25	0	21.86	21.71	21.77		
5	64QAM	1	0	21.85	21.76	21.69	23	2
5	64QAM	1	12	21.67	21.78	21.67		
5	64QAM	1	24	21.66	21.59	21.64		
5	64QAM	12	0	20.70	20.95	20.73	22	3
5	64QAM	12	7	20.72	20.84	20.52		
5	64QAM	12	13	20.71	20.75	20.63		
5	64QAM	25	0	20.73	20.68	20.74		
5	256QAM	1	0	18.75	18.93	18.60	20	5
5	256QAM	1	12	18.67	18.69	18.58		
5	256QAM	1	24	18.61	18.76	18.60		
5	256QAM	12	0	18.74	18.78	18.74	20	5
5	256QAM	12	7	18.79	18.84	18.78		
5	256QAM	12	13	18.69	18.68	18.58		
5	256QAM	25	0	18.66	18.74	18.58		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.65	23.70	23.74	23.64	23.61	25	0
20	QPSK	1	49	23.57	23.65	23.70	23.52	23.49		
20	QPSK	1	99	23.51	23.62	23.68	23.59	23.57		
20	QPSK	50	0	22.60	22.72	22.80	22.61	22.67	24	1
20	QPSK	50	24	22.62	22.63	22.65	22.47	22.51		
20	QPSK	50	50	22.52	22.64	22.73	22.60	22.57		
20	QPSK	100	0	22.66	22.75	22.78	22.70	22.56		
20	16QAM	1	0	22.67	22.71	22.75	22.62	22.64	24	1
20	16QAM	1	49	22.60	22.69	22.65	22.48	22.44		
20	16QAM	1	99	22.56	22.64	22.68	22.60	22.56		
20	16QAM	50	0	21.58	21.75	21.74	21.57	21.71	23	2
20	16QAM	50	24	21.59	21.65	21.64	21.47	21.49		
20	16QAM	50	50	21.55	21.63	21.76	21.65	21.54		
20	16QAM	100	0	21.66	21.81	21.74	21.74	21.56		
20	64QAM	1	0	21.62	21.69	21.80	21.58	21.64	23	2
20	64QAM	1	49	21.61	21.74	21.63	21.47	21.48		
20	64QAM	1	99	21.59	21.63	21.63	21.61	21.51		
20	64QAM	50	0	20.66	20.78	20.86	20.66	20.65	22	3
20	64QAM	50	24	20.67	20.61	20.68	20.50	20.55		
20	64QAM	50	50	20.57	20.67	20.79	20.65	20.60		
20	64QAM	100	0	20.63	20.79	20.72	20.74	20.57		
20	256QAM	1	0	18.64	18.71	18.80	18.57	18.68	20	5
20	256QAM	1	49	18.66	18.60	18.60	18.43	18.56		
20	256QAM	1	99	18.57	18.69	18.72	18.64	18.60		
20	256QAM	50	0	18.70	18.72	18.78	18.71	18.57	20	5
20	256QAM	50	24	18.64	18.75	18.80	18.60	18.59		
20	256QAM	50	50	18.58	18.70	18.64	18.53	18.42		
20	256QAM	100	0	18.57	18.66	18.65	18.59	18.55		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.58	23.57	23.60	23.55	23.53	25.00	0
15	QPSK	1	37	23.54	23.60	23.58	23.47	23.45		
15	QPSK	1	74	23.43	23.55	23.57	23.46	23.44		
15	QPSK	36	0	22.55	22.63	22.76	22.47	22.56	24	1
15	QPSK	36	20	22.48	22.51	22.52	22.42	22.40		
15	QPSK	36	39	22.47	22.58	22.65	22.55	22.53		
15	QPSK	75	0	22.52	22.62	22.66	22.63	22.44		
15	16QAM	1	0	22.59	22.60	22.65	22.58	22.57	24	1
15	16QAM	1	37	22.53	22.64	22.61	22.45	22.39		
15	16QAM	1	74	22.47	22.51	22.65	22.55	22.54		
15	16QAM	36	0	21.52	21.70	21.61	21.49	21.65	23	2
15	16QAM	36	20	21.56	21.59	21.56	21.43	21.40		
15	16QAM	36	39	21.45	21.54	21.69	21.53	21.45		
15	16QAM	75	0	21.55	21.73	21.70	21.63	21.53		
15	64QAM	1	0	21.57	21.56	21.74	21.53	21.54	23	2
15	64QAM	1	37	21.52	21.61	21.50	21.44	21.46		
15	64QAM	1	74	21.46	21.50	21.54	21.47	21.43		
15	64QAM	36	0	20.57	20.68	20.84	20.53	20.62	22	3
15	64QAM	36	20	20.64	20.54	20.59	20.47	20.44		
15	64QAM	36	39	20.54	20.57	20.71	20.56	20.53		
15	64QAM	75	0	20.56	20.67	20.67	20.69	20.47		
15	256QAM	1	0	18.55	18.65	18.74	18.53	18.59	20	5
15	256QAM	1	37	18.61	18.55	18.49	18.32	18.44		
15	256QAM	1	74	18.50	18.56	18.64	18.54	18.51		
15	256QAM	36	0	18.59	18.70	18.68	18.61	18.52	20	5
15	256QAM	36	20	18.51	18.63	18.72	18.47	18.50		
15	256QAM	36	39	18.47	18.61	18.53	18.41	18.37		
15	256QAM	75	0	18.52	18.59	18.52	18.46	18.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.54	23.66	23.72	23.56	23.59	25.00	0
10	QPSK	1	25	23.47	23.61	23.67	23.40	23.37		
10	QPSK	1	49	23.38	23.60	23.65	23.57	23.45		
10	QPSK	25	0	22.50	22.65	22.67	22.55	22.53	24	1
10	QPSK	25	12	22.49	22.55	22.54	22.40	22.44		
10	QPSK	25	25	22.47	22.60	22.61	22.49	22.51		
10	QPSK	50	0	22.54	22.71	22.74	22.58	22.43		
10	16QAM	1	0	22.57	22.64	22.62	22.57	22.57	24	1
10	16QAM	1	25	22.57	22.62	22.54	22.43	22.30		
10	16QAM	1	49	22.45	22.53	22.66	22.57	22.44		
10	16QAM	25	0	21.53	21.73	21.68	21.54	21.65	23	2
10	16QAM	25	12	21.54	21.60	21.58	21.41	21.35		
10	16QAM	25	25	21.47	21.60	21.64	21.53	21.48		
10	16QAM	50	0	21.64	21.68	21.64	21.61	21.50		
10	64QAM	1	0	21.50	21.63	21.73	21.45	21.53	23	2
10	64QAM	1	25	21.48	21.64	21.51	21.38	21.36		
10	64QAM	1	49	21.51	21.52	21.52	21.53	21.49		
10	64QAM	25	0	20.55	20.67	20.80	20.62	20.57	22	3
10	64QAM	25	12	20.59	20.51	20.65	20.39	20.50		
10	64QAM	25	25	20.49	20.56	20.68	20.60	20.55		
10	64QAM	50	0	20.50	20.72	20.65	20.67	20.54		
10	256QAM	1	0	18.50	18.65	18.73	18.55	18.57	20	5
10	256QAM	1	25	18.57	18.56	18.53	18.33	18.47		
10	256QAM	1	49	18.53	18.66	18.64	18.61	18.56		
10	256QAM	25	0	18.64	18.67	18.67	18.65	18.50	20	5
10	256QAM	25	12	18.51	18.73	18.68	18.57	18.49		
10	256QAM	25	25	18.44	18.67	18.53	18.48	18.34		
10	256QAM	50	0	18.51	18.64	18.60	18.47	18.45		
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	23.53	23.61	23.64	23.60	23.54	25.00	0
5	QPSK	1	12	23.51	23.53	23.63	23.44	23.41		
5	QPSK	1	24	23.46	23.57	23.54	23.57	23.48		
5	QPSK	12	0	22.51	22.67	22.66	22.51	22.58	24	1
5	QPSK	12	7	22.59	22.50	22.63	22.36	22.38		
5	QPSK	12	13	22.48	22.53	22.68	22.54	22.53		
5	QPSK	25	0	22.54	22.69	22.68	22.64	22.45		
5	16QAM	1	0	22.55	22.60	22.67	22.50	22.55	24	1
5	16QAM	1	12	22.51	22.65	22.55	22.35	22.31		
5	16QAM	1	24	22.54	22.59	22.60	22.54	22.47		
5	16QAM	12	0	21.52	21.66	21.61	21.54	21.62	23	2
5	16QAM	12	7	21.52	21.52	21.50	21.34	21.45		
5	16QAM	12	13	21.42	21.52	21.62	21.52	21.50		
5	16QAM	25	0	21.62	21.72	21.67	21.62	21.51		
5	64QAM	1	0	21.53	21.57	21.74	21.45	21.60	23	2
5	64QAM	1	12	21.56	21.68	21.56	21.35	21.35		
5	64QAM	1	24	21.46	21.50	21.57	21.48	21.37		
5	64QAM	12	0	20.59	20.75	20.79	20.64	20.54	22	3
5	64QAM	12	7	20.65	20.55	20.63	20.44	20.42		
5	64QAM	12	13	20.48	20.59	20.71	20.56	20.47		
5	64QAM	25	0	20.53	20.66	20.60	20.63	20.51		
5	256QAM	1	0	18.54	18.60	18.78	18.45	18.59	20	5
5	256QAM	1	12	18.60	18.57	18.48	18.41	18.51		
5	256QAM	1	24	18.50	18.64	18.69	18.61	18.52		
5	256QAM	12	0	18.60	18.70	18.74	18.68	18.49	20	5
5	256QAM	12	7	18.58	18.63	18.78	18.54	18.52		
5	256QAM	12	13	18.46	18.61	18.52	18.40	18.32		
5	256QAM	25	0	18.52	18.57	18.57	18.53	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	22.31	22.36	22.28	23	0
20	QPSK	1	49	22.18	22.33	22.21		
20	QPSK	1	99	22.25	22.31	22.19		
20	QPSK	50	0	21.32	21.41	21.22	22	1
20	QPSK	50	24	21.21	21.29	21.24		
20	QPSK	50	50	21.26	21.27	21.15		
20	QPSK	100	0	21.27	21.36	21.30		
20	16QAM	1	0	21.29	21.34	21.27	22	1
20	16QAM	1	49	21.19	21.28	21.18		
20	16QAM	1	99	21.26	21.32	21.23		
20	16QAM	50	0	20.30	20.37	20.16	21	2
20	16QAM	50	24	20.15	20.31	20.22		
20	16QAM	50	50	20.29	20.21	20.21		
20	16QAM	100	0	20.31	20.32	20.34		
20	64QAM	1	0	20.32	20.39	20.30	21	2
20	64QAM	1	49	20.21	20.33	20.16		
20	64QAM	1	99	20.32	20.32	20.22		
20	64QAM	50	0	19.34	19.44	19.24	20	3
20	64QAM	50	24	19.22	19.29	19.25		
20	64QAM	50	50	19.31	19.21	19.09		
20	64QAM	100	0	19.31	19.42	19.30		
20	256QAM	1	0	17.29	17.36	17.21	18	5
20	256QAM	1	49	17.27	17.31	17.22		
20	256QAM	1	99	17.29	17.25	17.16		
20	256QAM	50	0	17.26	17.33	17.31	18	5
20	256QAM	50	24	17.32	17.32	17.23		
20	256QAM	50	50	17.23	17.28	17.22		
20	256QAM	100	0	17.24	17.30	17.20		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.20	22.28	22.15	23	0
15	QPSK	1	37	22.10	22.26	22.19		
15	QPSK	1	74	22.14	22.27	22.12		
15	QPSK	36	0	21.19	21.28	21.18	22	1
15	QPSK	36	20	21.14	21.17	21.15		
15	QPSK	36	39	21.16	21.17	21.08		
15	QPSK	75	0	21.16	21.30	21.16		
15	16QAM	1	0	21.25	21.23	21.22	22	1
15	16QAM	1	37	21.15	21.23	21.07		
15	16QAM	1	74	21.16	21.20	21.15		
15	16QAM	36	0	20.24	20.24	20.13	21	2
15	16QAM	36	20	20.02	20.21	20.09		
15	16QAM	36	39	20.24	20.17	20.16		
15	16QAM	75	0	20.21	20.28	20.29		
15	64QAM	1	0	20.20	20.36	20.26	21	2
15	64QAM	1	37	20.10	20.29	20.06		
15	64QAM	1	74	20.30	20.24	20.19		
15	64QAM	36	0	19.28	19.31	19.18	20	3
15	64QAM	36	20	19.10	19.21	19.21		
15	64QAM	36	39	19.21	19.10	19.02		
15	64QAM	75	0	19.23	19.31	19.18		
15	256QAM	1	0	17.17	17.33	17.09	18	5
15	256QAM	1	37	17.16	17.26	17.13		
15	256QAM	1	74	17.17	17.14	17.10		
15	256QAM	36	0	17.23	17.27	17.27	18	5
15	256QAM	36	20	17.25	17.18	17.19		
15	256QAM	36	39	17.15	17.23	17.09		
15	256QAM	75	0	17.15	17.25	17.14		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.19	22.32	22.18	23	0
10	QPSK	1	25	22.11	22.21	22.09		
10	QPSK	1	49	22.16	22.27	22.17		
10	QPSK	25	0	21.20	21.32	21.19	22	1
10	QPSK	25	12	21.14	21.24	21.14		
10	QPSK	25	25	21.19	21.17	21.04		
10	QPSK	50	0	21.17	21.29	21.24		
10	16QAM	1	0	21.16	21.29	21.24	22	1
10	16QAM	1	25	21.12	21.19	21.09		
10	16QAM	1	49	21.23	21.29	21.12		
10	16QAM	25	0	20.25	20.27	20.06	21	2
10	16QAM	25	12	20.10	20.22	20.09		
10	16QAM	25	25	20.26	20.14	20.09		
10	16QAM	50	0	20.23	20.19	20.28		
10	64QAM	1	0	20.21	20.35	20.21	21	2
10	64QAM	1	25	20.13	20.25	20.02		
10	64QAM	1	49	20.19	20.19	20.15		
10	64QAM	25	0	19.32	19.32	19.12	20	3
10	64QAM	25	12	19.10	19.19	19.19		
10	64QAM	25	25	19.21	19.16	19.05		
10	64QAM	50	0	19.19	19.39	19.17		
10	256QAM	1	0	17.26	17.34	17.19	18	5
10	256QAM	1	25	17.18	17.19	17.15		
10	256QAM	1	49	17.17	17.21	17.02		
10	256QAM	25	0	17.16	17.25	17.24	18	5
10	256QAM	25	12	17.19	17.20	17.13		
10	256QAM	25	25	17.16	17.18	17.13		
10	256QAM	50	0	17.20	17.19	17.15		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.20	22.30	22.19	23	0
5	QPSK	1	12	22.13	22.29	22.16		
5	QPSK	1	24	22.12	22.22	22.17		
5	QPSK	12	0	21.20	21.32	21.11	22	1
5	QPSK	12	7	21.09	21.18	21.13		
5	QPSK	12	13	21.13	21.23	21.12		
5	QPSK	25	0	21.21	21.24	21.18		
5	16QAM	1	0	21.24	21.28	21.22	22	1
5	16QAM	1	12	21.10	21.18	21.10		
5	16QAM	1	24	21.14	21.25	21.21		
5	16QAM	12	0	20.19	20.34	20.06	21	2
5	16QAM	12	7	20.07	20.22	20.13		
5	16QAM	12	13	20.20	20.14	20.16		
5	16QAM	25	0	20.24	20.21	20.29		
5	64QAM	1	0	20.27	20.35	20.19	21	2
5	64QAM	1	12	20.12	20.28	20.03		
5	64QAM	1	24	20.19	20.29	20.10		
5	64QAM	12	0	19.31	19.30	19.13	20	3
5	64QAM	12	7	19.19	19.19	19.18		
5	64QAM	12	13	19.20	19.13	19.04		
5	64QAM	25	0	19.18	19.35	19.24		
5	256QAM	1	0	17.23	17.23	17.16	18	5
5	256QAM	1	12	17.23	17.29	17.12		
5	256QAM	1	24	17.24	17.13	17.12		
5	256QAM	12	0	17.18	17.27	17.24	18	5
5	256QAM	12	7	17.22	17.26	17.11		
5	256QAM	12	13	17.13	17.23	17.11		
5	256QAM	25	0	17.15	17.26	17.12		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.75	21.81	21.73	22.5	0
20	QPSK	1	49	21.71	21.77	21.61		
20	QPSK	1	99	21.61	21.74	21.63		
20	QPSK	50	0	20.71	20.87	20.71	21.5	1
20	QPSK	50	24	20.76	20.83	20.67		
20	QPSK	50	50	20.57	20.79	20.58		
20	QPSK	100	0	20.71	20.84	20.72		
20	16QAM	1	0	20.73	20.81	20.78	21.5	1
20	16QAM	1	49	20.66	20.72	20.56		
20	16QAM	1	99	20.60	20.75	20.64		
20	16QAM	50	0	19.71	19.84	19.69	20.5	2
20	16QAM	50	24	19.80	19.87	19.65		
20	16QAM	50	50	19.60	19.77	19.56		
20	16QAM	100	0	19.72	19.88	19.67		
20	64QAM	1	0	19.68	19.86	19.74	20.5	2
20	64QAM	1	49	19.65	19.70	19.51		
20	64QAM	1	99	19.54	19.75	19.58		
20	64QAM	50	0	18.71	18.81	18.72	19.5	3
20	64QAM	50	24	18.80	18.77	18.70		
20	64QAM	50	50	18.57	18.83	18.58		
20	64QAM	100	0	18.75	18.88	18.67		
20	256QAM	1	0	16.66	16.89	16.73	17.5	5
20	256QAM	1	49	16.78	16.77	16.68		
20	256QAM	1	99	16.54	16.82	16.63		
20	256QAM	50	0	16.76	16.81	16.68	17.5	5
20	256QAM	50	24	16.77	16.86	16.82		
20	256QAM	50	50	16.71	16.71	16.62		
20	256QAM	100	0	16.57	16.77	16.61		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.64	21.70	21.60	22.5	0
15	QPSK	1	37	21.58	21.73	21.48		
15	QPSK	1	74	21.47	21.60	21.59		
15	QPSK	36	0	20.64	20.77	20.59	21.5	1
15	QPSK	36	20	20.71	20.76	20.59		
15	QPSK	36	39	20.48	20.75	20.50		
15	QPSK	75	0	20.67	20.77	20.66		
15	16QAM	1	0	20.67	20.76	20.67	21.5	1
15	16QAM	1	37	20.56	20.60	20.50		
15	16QAM	1	74	20.55	20.69	20.58		
15	16QAM	36	0	19.60	19.77	19.59	20.5	2
15	16QAM	36	20	19.68	19.81	19.58		
15	16QAM	36	39	19.53	19.73	19.45		
15	16QAM	75	0	19.59	19.79	19.64		
15	64QAM	1	0	19.65	19.75	19.69	20.5	2
15	64QAM	1	37	19.56	19.56	19.43		
15	64QAM	1	74	19.51	19.69	19.45		
15	64QAM	36	0	18.69	18.76	18.63	19.5	3
15	64QAM	36	20	18.73	18.70	18.60		
15	64QAM	36	39	18.52	18.77	18.47		
15	64QAM	75	0	18.71	18.80	18.54		
15	256QAM	1	0	16.53	16.76	16.70	17.5	5
15	256QAM	1	37	16.68	16.64	16.56		
15	256QAM	1	74	16.43	16.72	16.52		
15	256QAM	36	0	16.73	16.70	16.58	17.5	5
15	256QAM	36	20	16.64	16.79	16.72		
15	256QAM	36	39	16.61	16.64	16.53		
15	256QAM	75	0	16.49	16.67	16.49		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.70	21.69	21.67	22.5	0
10	QPSK	1	25	21.58	21.63	21.55		
10	QPSK	1	49	21.57	21.71	21.58		
10	QPSK	25	0	20.65	20.76	20.66	21.5	1
10	QPSK	25	12	20.73	20.74	20.65		
10	QPSK	25	25	20.48	20.74	20.50		
10	QPSK	50	0	20.63	20.74	20.63		
10	16QAM	1	0	20.63	20.69	20.67	21.5	1
10	16QAM	1	25	20.56	20.66	20.45		
10	16QAM	1	49	20.50	20.71	20.51		
10	16QAM	25	0	19.58	19.74	19.66	20.5	2
10	16QAM	25	12	19.70	19.82	19.61		
10	16QAM	25	25	19.47	19.71	19.53		
10	16QAM	50	0	19.67	19.83	19.65		
10	64QAM	1	0	19.55	19.83	19.68	20.5	2
10	64QAM	1	25	19.57	19.61	19.43		
10	64QAM	1	49	19.49	19.71	19.48		
10	64QAM	25	0	18.65	18.76	18.67	19.5	3
10	64QAM	25	12	18.68	18.67	18.65		
10	64QAM	25	25	18.45	18.81	18.46		
10	64QAM	50	0	18.66	18.82	18.61		
10	256QAM	1	0	16.60	16.83	16.66	17.5	5
10	256QAM	1	25	16.71	16.64	16.56		
10	256QAM	1	49	16.48	16.78	16.59		
10	256QAM	25	0	16.64	16.72	16.61	17.5	5
10	256QAM	25	12	16.63	16.81	16.69		
10	256QAM	25	25	16.59	16.59	16.49		
10	256QAM	50	0	16.51	16.64	16.56		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.68	21.74	21.62	22.5	0
5	QPSK	1	12	21.65	21.68	21.51		
5	QPSK	1	24	21.51	21.67	21.52		
5	QPSK	12	0	20.60	20.77	20.58	21.5	1
5	QPSK	12	7	20.67	20.80	20.54		
5	QPSK	12	13	20.47	20.71	20.50		
5	QPSK	25	0	20.65	20.78	20.65		
5	16QAM	1	0	20.70	20.68	20.66	21.5	1
5	16QAM	1	12	20.63	20.68	20.50		
5	16QAM	1	24	20.57	20.70	20.60		
5	16QAM	12	0	19.63	19.72	19.63	20.5	2
5	16QAM	12	7	19.68	19.80	19.53		
5	16QAM	12	13	19.56	19.71	19.54		
5	16QAM	25	0	19.63	19.76	19.55		
5	64QAM	1	0	19.56	19.73	19.62	20.5	2
5	64QAM	1	12	19.63	19.60	19.39		
5	64QAM	1	24	19.49	19.68	19.54		
5	64QAM	12	0	18.63	18.78	18.69	19.5	3
5	64QAM	12	7	18.76	18.64	18.67		
5	64QAM	12	13	18.45	18.76	18.50		
5	64QAM	25	0	18.63	18.77	18.62		
5	256QAM	1	0	16.58	16.86	16.70	17.5	5
5	256QAM	1	12	16.66	16.66	16.60		
5	256QAM	1	24	16.49	16.72	16.57		
5	256QAM	12	0	16.69	16.75	16.60	17.5	5
5	256QAM	12	7	16.68	16.83	16.77		
5	256QAM	12	13	16.62	16.62	16.57		
5	256QAM	25	0	16.45	16.66	16.55		

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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	21.62	21.70	21.75	21.66	21.63	22.5	0
20	QPSK	1	49	21.58	21.65	21.71	21.55	21.53		
20	QPSK	1	99	21.50	21.65	21.68	21.60	21.58		
20	QPSK	50	0	20.65	20.69	20.80	20.63	20.57	21.5	1
20	QPSK	50	24	20.61	20.69	20.74	20.60	20.56		
20	QPSK	50	50	20.52	20.68	20.70	20.65	20.56		
20	QPSK	100	0	20.60	20.66	20.77	20.63	20.67		
20	16QAM	1	0	20.64	20.68	20.73	20.70	20.62	21.5	1
20	16QAM	1	49	20.64	20.65	20.74	20.59	20.47		
20	16QAM	1	99	20.48	20.59	20.63	20.64	20.63		
20	16QAM	50	0	19.70	19.70	19.80	19.67	19.54	20.5	2
20	16QAM	50	24	19.66	19.64	19.79	19.58	19.52		
20	16QAM	50	50	19.53	19.65	19.65	19.71	19.62		
20	16QAM	100	0	19.61	19.72	19.73	19.69	19.72		
20	64QAM	1	0	19.68	19.67	19.71	19.72	19.65	20.5	2
20	64QAM	1	49	19.61	19.65	19.70	19.58	19.45		
20	64QAM	1	99	19.49	19.56	19.58	19.67	19.67		
20	64QAM	50	0	18.60	18.71	18.84	18.68	18.62	19.5	3
20	64QAM	50	24	18.57	18.66	18.79	18.60	18.58		
20	64QAM	50	50	18.52	18.73	18.75	18.59	18.54		
20	64QAM	100	0	18.55	18.61	18.81	18.64	18.68		
20	256QAM	1	0	16.68	16.72	16.85	16.69	16.54	17.5	5
20	256QAM	1	49	16.60	16.68	16.73	16.60	16.58		
20	256QAM	1	99	16.54	16.63	16.72	16.67	16.59		
20	256QAM	50	0	16.55	16.62	16.77	16.64	16.63	17.5	5
20	256QAM	50	24	16.59	16.67	16.75	16.69	16.62		
20	256QAM	50	50	16.60	16.60	16.76	16.59	16.41		
20	256QAM	100	0	16.43	16.56	16.58	16.66	16.67		
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	21.48	21.68	21.65	21.55	21.55	22.50	0
15	QPSK	1	37	21.46	21.63	21.65	21.43	21.43		
15	QPSK	1	74	21.47	21.56	21.65	21.51	21.50		
15	QPSK	36	0	20.59	20.56	20.74	20.58	20.45	21.5	1
15	QPSK	36	20	20.53	20.66	20.71	20.56	20.49		
15	QPSK	36	39	20.40	20.57	20.67	20.58	20.42		
15	QPSK	75	0	20.57	20.61	20.72	20.54	20.64		
15	16QAM	1	0	20.51	20.61	20.61	20.57	20.52	21.5	1
15	16QAM	1	37	20.52	20.51	20.61	20.56	20.38		
15	16QAM	1	74	20.40	20.46	20.53	20.53	20.53		
15	16QAM	36	0	19.62	19.68	19.74	19.64	19.45	20.5	2
15	16QAM	36	20	19.58	19.59	19.68	19.49	19.48		
15	16QAM	36	39	19.43	19.63	19.58	19.57	19.59		
15	16QAM	75	0	19.56	19.64	19.66	19.65	19.69		
15	64QAM	1	0	19.57	19.55	19.65	19.68	19.52	20.5	2
15	64QAM	1	37	19.52	19.51	19.68	19.53	19.57		
15	64QAM	1	74	19.38	19.51	19.46	19.57	19.57		
15	64QAM	36	0	18.47	18.62	18.79	18.58	18.59	19.5	3
15	64QAM	36	20	18.51	18.61	18.73	18.49	18.51		
15	64QAM	36	39	18.40	18.61	18.72	18.51	18.48		
15	64QAM	75	0	18.42	18.54	18.77	18.58	18.63		
15	256QAM	1	0	16.57	16.58	16.74	16.62	16.49	17.5	5
15	256QAM	1	37	16.50	16.60	16.66	16.55	16.49		
15	256QAM	1	74	16.48	16.61	16.59	16.59	16.49		
15	256QAM	36	0	16.43	16.55	16.68	16.53	16.57	17.5	5
15	256QAM	36	20	16.48	16.64	16.69	16.56	16.53		
15	256QAM	36	39	16.58	16.49	16.65	16.46	16.33		
15	256QAM	75	0	16.37	16.52	16.53	16.61	16.61		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.52	21.59	21.62	21.62	21.52	22.50	0
10	QPSK	1	25	21.51	21.52	21.63	21.44	21.48		
10	QPSK	1	49	21.46	21.55	21.58	21.58	21.52		
10	QPSK	25	0	20.56	20.61	20.72	20.56	20.44	21.5	1
10	QPSK	25	12	20.57	20.64	20.71	20.51	20.43		
10	QPSK	25	25	20.47	20.56	20.59	20.55	20.46		
10	QPSK	50	0	20.58	20.55	20.63	20.56	20.58		
10	16QAM	1	0	20.54	20.56	20.66	20.56	20.54	21.5	1
10	16QAM	1	25	20.50	20.56	20.61	20.53	20.34		
10	16QAM	1	49	20.37	20.53	20.58	20.55	20.56		
10	16QAM	25	0	19.64	19.64	19.77	19.64	19.52	20.5	2
10	16QAM	25	12	19.57	19.60	19.70	19.55	19.46		
10	16QAM	25	25	19.46	19.52	19.59	19.63	19.59		
10	16QAM	50	0	19.49	19.59	19.69	19.63	19.59		
10	64QAM	1	0	19.54	19.59	19.58	19.64	19.53	20.5	2
10	64QAM	1	25	19.54	19.58	19.67	19.55	19.39		
10	64QAM	1	49	19.37	19.52	19.47	19.63	19.61		
10	64QAM	25	0	18.53	18.67	18.80	18.66	18.58	19.5	3
10	64QAM	25	12	18.44	18.58	18.67	18.46	18.46		
10	64QAM	25	25	18.47	18.68	18.70	18.49	18.47		
10	64QAM	50	0	18.49	18.48	18.75	18.57	18.55		
10	256QAM	1	0	16.62	16.59	16.71	16.66	16.44	17.5	5
10	256QAM	1	25	16.51	16.55	16.65	16.53	16.45		
10	256QAM	1	49	16.45	16.51	16.65	16.53	16.53		
10	256QAM	25	0	16.48	16.58	16.72	16.61	16.51	17.5	5
10	256QAM	25	12	16.47	16.59	16.63	16.65	16.53		
10	256QAM	25	25	16.54	16.50	16.71	16.55	16.33		
10	256QAM	50	0	16.37	16.47	16.54	16.59	16.65		
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	21.54	21.63	21.68	21.58	21.51	22.50	0
5	QPSK	1	12	21.53	21.54	21.61	21.44	21.47		
5	QPSK	1	24	21.39	21.61	21.64	21.49	21.46		
5	QPSK	12	0	20.60	20.62	20.69	20.51	20.53	21.5	1
5	QPSK	12	7	20.48	20.60	20.63	20.56	20.52		
5	QPSK	12	13	20.48	20.61	20.64	20.59	20.53		
5	QPSK	25	0	20.55	20.60	20.65	20.53	20.62		
5	16QAM	1	0	20.58	20.58	20.65	20.64	20.49	21.5	1
5	16QAM	1	12	20.57	20.54	20.67	20.51	20.40		
5	16QAM	1	24	20.43	20.53	20.60	20.56	20.51		
5	16QAM	12	0	19.60	19.66	19.77	19.65	19.41	20.5	2
5	16QAM	12	7	19.53	19.55	19.71	19.51	19.44		
5	16QAM	12	13	19.40	19.54	19.59	19.59	19.56		
5	16QAM	25	0	19.59	19.58	19.65	19.61	19.59		
5	64QAM	1	0	19.55	19.57	19.69	19.61	19.61	20.5	2
5	64QAM	1	12	19.50	19.62	19.62	19.45	19.40		
5	64QAM	1	24	19.41	19.52	19.50	19.55	19.61		
5	64QAM	12	0	18.55	18.62	18.77	18.64	18.49	19.5	3
5	64QAM	12	7	18.51	18.57	18.72	18.51	18.55		
5	64QAM	12	13	18.47	18.60	18.72	18.49	18.41		
5	64QAM	25	0	18.47	18.56	18.77	18.61	18.59		
5	256QAM	1	0	16.57	16.58	16.80	16.66	16.50	17.5	5
5	256QAM	1	12	16.47	16.56	16.68	16.57	16.56		
5	256QAM	1	24	16.44	16.60	16.68	16.54	16.57		
5	256QAM	12	0	16.49	16.54	16.72	16.61	16.53	17.5	5
5	256QAM	12	7	16.51	16.55	16.63	16.64	16.58		
5	256QAM	12	13	16.51	16.53	16.68	16.47	16.39		
5	256QAM	25	0	16.33	16.48	16.56	16.56	16.59		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.73	22.78	22.70	24	0
20	QPSK	1	49	22.69	22.73	22.56		
20	QPSK	1	99	22.60	22.71	22.62		
20	QPSK	50	0	21.73	21.82	21.71	23	1
20	QPSK	50	24	21.74	21.73	21.51		
20	QPSK	50	50	21.57	21.65	21.67		
20	QPSK	100	0	21.71	21.77	21.72		
20	16QAM	1	0	21.79	21.73	21.70	23	1
20	16QAM	1	49	21.64	21.69	21.59		
20	16QAM	1	99	21.65	21.72	21.67		
20	16QAM	50	0	20.75	20.77	20.74	22	2
20	16QAM	50	24	20.69	20.75	20.53		
20	16QAM	50	50	20.52	20.71	20.70		
20	16QAM	100	0	20.68	20.81	20.76		
20	64QAM	1	0	20.79	20.73	20.68	22	2
20	64QAM	1	49	20.69	20.72	20.59		
20	64QAM	1	99	20.65	20.69	20.73		
20	64QAM	50	0	19.67	19.80	19.72	21	3
20	64QAM	50	24	19.79	19.71	19.52		
20	64QAM	50	50	19.54	19.66	19.70		
20	64QAM	100	0	19.69	19.81	19.67		
20	256QAM	1	0	17.72	17.83	17.69	19	5
20	256QAM	1	49	17.72	17.77	17.53		
20	256QAM	1	99	17.52	17.70	17.70		
20	256QAM	50	0	17.65	17.76	17.66	19	5
20	256QAM	50	24	17.75	17.69	17.66		
20	256QAM	50	50	17.63	17.65	17.60		
20	256QAM	100	0	17.70	17.74	17.63		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.70	22.64	22.58	24	0
15	QPSK	1	37	22.57	22.63	22.48		
15	QPSK	1	74	22.56	22.62	22.49		
15	QPSK	36	0	21.67	21.73	21.62	23	1
15	QPSK	36	20	21.71	21.68	21.48		
15	QPSK	36	39	21.46	21.51	21.55		
15	QPSK	75	0	21.61	21.67	21.69		
15	16QAM	1	0	21.76	21.63	21.56	23	1
15	16QAM	1	37	21.50	21.59	21.56		
15	16QAM	1	74	21.58	21.62	21.61		
15	16QAM	36	0	20.64	20.73	20.69	22	2
15	16QAM	36	20	20.59	20.72	20.39		
15	16QAM	36	39	20.39	20.60	20.60		
15	16QAM	75	0	20.65	20.70	20.66		
15	64QAM	1	0	20.67	20.62	20.58	22	2
15	64QAM	1	37	20.59	20.65	20.47		
15	64QAM	1	74	20.59	20.65	20.60		
15	64QAM	36	0	19.63	19.76	19.62	21	3
15	64QAM	36	20	19.72	19.64	19.47		
15	64QAM	36	39	19.48	19.56	19.58		
15	64QAM	75	0	19.66	19.71	19.59		
15	256QAM	1	0	17.63	17.75	17.59	19	5
15	256QAM	1	37	17.63	17.67	17.41		
15	256QAM	1	74	17.38	17.61	17.63		
15	256QAM	36	0	17.52	17.73	17.52	19	5
15	256QAM	36	20	17.64	17.60	17.55		
15	256QAM	36	39	17.60	17.53	17.46		
15	256QAM	75	0	17.60	17.69	17.55		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.70	22.75	22.63	24	0
10	QPSK	1	25	22.60	22.63	22.43		
10	QPSK	1	49	22.49	22.65	22.49		
10	QPSK	25	0	21.71	21.79	21.63	23	1
10	QPSK	25	12	21.64	21.65	21.47		
10	QPSK	25	25	21.47	21.57	21.58		
10	QPSK	50	0	21.69	21.75	21.66		
10	16QAM	1	0	21.75	21.61	21.59	23	1
10	16QAM	1	25	21.57	21.57	21.45		
10	16QAM	1	49	21.57	21.68	21.63		
10	16QAM	25	0	20.70	20.67	20.68	22	2
10	16QAM	25	12	20.59	20.69	20.50		
10	16QAM	25	25	20.48	20.58	20.57		
10	16QAM	50	0	20.63	20.76	20.64		
10	64QAM	1	0	20.74	20.60	20.64	22	2
10	64QAM	1	25	20.63	20.69	20.47		
10	64QAM	1	49	20.58	20.66	20.61		
10	64QAM	25	0	19.56	19.68	19.70	21	3
10	64QAM	25	12	19.71	19.66	19.43		
10	64QAM	25	25	19.52	19.55	19.57		
10	64QAM	50	0	19.62	19.73	19.64		
10	256QAM	1	0	17.67	17.73	17.65	19	5
10	256QAM	1	25	17.66	17.70	17.45		
10	256QAM	1	49	17.47	17.68	17.60		
10	256QAM	25	0	17.59	17.66	17.59	19	5
10	256QAM	25	12	17.66	17.63	17.61		
10	256QAM	25	25	17.55	17.62	17.57		
10	256QAM	50	0	17.66	17.67	17.56		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.63	22.67	22.65	24	0
5	QPSK	1	12	22.61	22.66	22.44		
5	QPSK	1	24	22.53	22.67	22.49		
5	QPSK	12	0	21.61	21.70	21.63	23	1
5	QPSK	12	7	21.68	21.63	21.40		
5	QPSK	12	13	21.53	21.57	21.56		
5	QPSK	25	0	21.64	21.64	21.62		
5	16QAM	1	0	21.71	21.66	21.63	23	1
5	16QAM	1	12	21.53	21.64	21.50		
5	16QAM	1	24	21.60	21.70	21.54		
5	16QAM	12	0	20.67	20.73	20.67	22	2
5	16QAM	12	7	20.59	20.73	20.49		
5	16QAM	12	13	20.40	20.63	20.59		
5	16QAM	25	0	20.55	20.68	20.71		
5	64QAM	1	0	20.70	20.64	20.58	22	2
5	64QAM	1	12	20.62	20.70	20.56		
5	64QAM	1	24	20.63	20.64	20.70		
5	64QAM	12	0	19.64	19.76	19.63	21	3
5	64QAM	12	7	19.70	19.63	19.42		
5	64QAM	12	13	19.40	19.54	19.59		
5	64QAM	25	0	19.65	19.69	19.59		
5	256QAM	1	0	17.63	17.76	17.61	19	5
5	256QAM	1	12	17.62	17.64	17.40		
5	256QAM	1	24	17.41	17.63	17.66		
5	256QAM	12	0	17.61	17.73	17.58	19	5
5	256QAM	12	7	17.64	17.64	17.55		
5	256QAM	12	13	17.51	17.62	17.51		
5	256QAM	25	0	17.60	17.62	17.54		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.65	22.62	22.68	22.61	22.58	24	0
20	QPSK	1	49	22.55	22.60	22.61	22.48	22.48		
20	QPSK	1	99	22.59	22.56	22.60	22.55	22.46		
20	QPSK	50	0	21.62	21.59	21.73	21.60	21.54	23	1
20	QPSK	50	24	21.54	21.57	21.59	21.48	21.49		
20	QPSK	50	50	21.62	21.50	21.58	21.57	21.49		
20	QPSK	100	0	21.65	21.58	21.69	21.58	21.55		
20	16QAM	1	0	21.63	21.58	21.68	21.57	21.56	23	1
20	16QAM	1	49	21.55	21.63	21.63	21.43	21.52		
20	16QAM	1	99	21.63	21.57	21.57	21.54	21.47		
20	16QAM	50	0	20.62	20.56	20.70	20.56	20.49	22	2
20	16QAM	50	24	20.48	20.61	20.57	20.42	20.54		
20	16QAM	50	50	20.60	20.56	20.60	20.61	20.52		
20	16QAM	100	0	20.60	20.55	20.71	20.57	20.59		
20	64QAM	1	0	20.68	20.54	20.70	20.54	20.59	22	2
20	64QAM	1	49	20.53	20.64	20.68	20.41	20.49		
20	64QAM	1	99	20.59	20.58	20.56	20.56	20.46		
20	64QAM	50	0	19.65	19.63	19.69	19.56	19.51	21	3
20	64QAM	50	24	19.52	19.57	19.65	19.45	19.48		
20	64QAM	50	50	19.60	19.46	19.55	19.56	19.47		
20	64QAM	100	0	19.62	19.59	19.72	19.54	19.54		
20	256QAM	1	0	17.56	17.58	17.74	17.61	17.55	19	5
20	256QAM	1	49	17.56	17.53	17.61	17.45	17.51		
20	256QAM	1	99	17.67	17.46	17.61	17.61	17.51		
20	256QAM	50	0	17.61	17.62	17.70	17.64	17.50	19	5
20	256QAM	50	24	17.60	17.58	17.72	17.51	17.53		
20	256QAM	50	50	17.55	17.61	17.62	17.43	17.56		
20	256QAM	100	0	17.68	17.59	17.59	17.48	17.49		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.53	22.56	22.60	22.53	22.44	24.00	0
15	QPSK	1	37	22.43	22.48	22.57	22.44	22.46		
15	QPSK	1	74	22.48	22.45	22.47	22.48	22.34		
15	QPSK	36	0	21.51	21.54	21.67	21.49	21.40	23	1
15	QPSK	36	20	21.46	21.51	21.51	21.38	21.35		
15	QPSK	36	39	21.57	21.38	21.55	21.50	21.43		
15	QPSK	75	0	21.61	21.48	21.58	21.53	21.51		
15	16QAM	1	0	21.55	21.56	21.62	21.49	21.47	23	1
15	16QAM	1	37	21.49	21.52	21.50	21.32	21.41		
15	16QAM	1	74	21.59	21.45	21.49	21.50	21.36		
15	16QAM	36	0	20.52	20.53	20.58	20.49	20.35	22	2
15	16QAM	36	20	20.44	20.49	20.46	20.36	20.43		
15	16QAM	36	39	20.51	20.45	20.49	20.53	20.43		
15	16QAM	75	0	20.50	20.47	20.65	20.53	20.54		
15	64QAM	1	0	20.63	20.48	20.67	20.50	20.48	22	2
15	64QAM	1	37	20.43	20.57	20.64	20.36	20.43		
15	64QAM	1	74	20.47	20.54	20.43	20.44	20.39		
15	64QAM	36	0	19.53	19.55	19.58	19.53	19.47	21	3
15	64QAM	36	20	19.49	19.53	19.57	19.41	19.35		
15	64QAM	36	39	19.53	19.33	19.44	19.53	19.42		
15	64QAM	75	0	19.58	19.47	19.62	19.48	19.41		
15	256QAM	1	0	17.44	17.53	17.66	17.54	17.42	19	5
15	256QAM	1	37	17.53	17.48	17.49	17.38	17.43		
15	256QAM	1	74	17.63	17.34	17.56	17.55	17.48		
15	256QAM	36	0	17.57	17.49	17.59	17.51	17.39	19	5
15	256QAM	36	20	17.55	17.45	17.60	17.41	17.47		
15	256QAM	36	39	17.52	17.50	17.49	17.30	17.46		
15	256QAM	75	0	17.65	17.48	17.48	17.35	17.44		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.55	22.52	22.61	22.52	22.46	24.00	0
10	QPSK	1	25	22.44	22.50	22.57	22.43	22.34		
10	QPSK	1	49	22.52	22.46	22.54	22.52	22.34		
10	QPSK	25	0	21.56	21.54	21.61	21.52	21.44	23	1
10	QPSK	25	12	21.47	21.54	21.55	21.34	21.38		
10	QPSK	25	25	21.57	21.40	21.46	21.55	21.44		
10	QPSK	50	0	21.62	21.51	21.61	21.49	21.52		
10	16QAM	1	0	21.51	21.46	21.57	21.53	21.45	23	1
10	16QAM	1	25	21.46	21.55	21.54	21.30	21.49		
10	16QAM	1	49	21.57	21.52	21.48	21.52	21.43		
10	16QAM	25	0	20.48	20.49	20.60	20.44	20.42	22	2
10	16QAM	25	12	20.44	20.57	20.51	20.35	20.45		
10	16QAM	25	25	20.57	20.47	20.48	20.51	20.39		
10	16QAM	50	0	20.50	20.51	20.67	20.49	20.55		
10	64QAM	1	0	20.64	20.45	20.67	20.52	20.46	22	2
10	64QAM	1	25	20.43	20.61	20.64	20.34	20.37		
10	64QAM	1	49	20.48	20.50	20.45	20.48	20.35		
10	64QAM	25	0	19.63	19.61	19.64	19.53	19.39	21	3
10	64QAM	25	12	19.48	19.47	19.61	19.42	19.45		
10	64QAM	25	25	19.55	19.38	19.46	19.43	19.35		
10	64QAM	50	0	19.52	19.45	19.62	19.49	19.49		
10	256QAM	1	0	17.46	17.53	17.70	17.56	17.52	19	5
10	256QAM	1	25	17.54	17.43	17.57	17.42	17.39		
10	256QAM	1	49	17.64	17.40	17.53	17.59	17.46		
10	256QAM	25	0	17.50	17.49	17.63	17.55	17.43	19	5
10	256QAM	25	12	17.58	17.46	17.66	17.41	17.45		
10	256QAM	25	25	17.46	17.59	17.56	17.32	17.54		
10	256QAM	50	0	17.60	17.54	17.56	17.42	17.45		
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	22.57	22.59	22.57	22.48	22.49	24.00	0
5	QPSK	1	12	22.44	22.52	22.58	22.39	22.45		
5	QPSK	1	24	22.45	22.50	22.53	22.53	22.34		
5	QPSK	12	0	21.52	21.52	21.68	21.56	21.50	23	1
5	QPSK	12	7	21.43	21.54	21.56	21.38	21.44		
5	QPSK	12	13	21.50	21.36	21.48	21.44	21.42		
5	QPSK	25	0	21.52	21.50	21.61	21.53	21.49		
5	16QAM	1	0	21.54	21.51	21.57	21.53	21.46	23	1
5	16QAM	1	12	21.46	21.59	21.54	21.38	21.44		
5	16QAM	1	24	21.53	21.50	21.51	21.43	21.41		
5	16QAM	12	0	20.48	20.52	20.60	20.48	20.46	22	2
5	16QAM	12	7	20.36	20.55	20.51	20.31	20.48		
5	16QAM	12	13	20.56	20.47	20.50	20.57	20.48		
5	16QAM	25	0	20.53	20.41	20.61	20.53	20.49		
5	64QAM	1	0	20.64	20.42	20.58	20.48	20.53	22	2
5	64QAM	1	12	20.49	20.57	20.56	20.33	20.38		
5	64QAM	1	24	20.47	20.56	20.50	20.52	20.35		
5	64QAM	12	0	19.54	19.60	19.61	19.46	19.37	21	3
5	64QAM	12	7	19.46	19.48	19.61	19.33	19.45		
5	64QAM	12	13	19.48	19.40	19.47	19.43	19.45		
5	64QAM	25	0	19.53	19.56	19.63	19.52	19.41		
5	256QAM	1	0	17.50	17.45	17.63	17.58	17.51	19	5
5	256QAM	1	12	17.44	17.48	17.55	17.43	17.46		
5	256QAM	1	24	17.53	17.37	17.53	17.54	17.38		
5	256QAM	12	0	17.56	17.57	17.67	17.56	17.37	19	5
5	256QAM	12	7	17.51	17.45	17.66	17.41	17.44		
5	256QAM	12	13	17.41	17.58	17.52	17.35	17.51		
5	256QAM	25	0	17.60	17.52	17.52	17.38	17.40		

Band 2 other PA Ant 5 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.11	21.27	21.22	22	0
20	QPSK	1	49	21.19	21.15	21.26		
20	QPSK	1	99	21.12	21.26	21.12		
20	QPSK	50	0	21.05	21.17	21.11	22	0
20	QPSK	50	24	21.16	21.00	21.05		
20	QPSK	50	50	21.11	21.01	21.11		
20	QPSK	100	0	20.86	21.04	20.85		
20	16QAM	1	0	21.01	20.95	20.96	22	0
20	16QAM	1	49	21.04	20.93	21.00		
20	16QAM	1	99	20.71	20.67	20.87		
20	16QAM	50	0	20.96	20.77	20.86	22	0
20	16QAM	50	24	20.79	20.68	20.73		
20	16QAM	50	50	20.90	20.84	20.88		
20	16QAM	100	0	20.76	20.72	20.85		
20	64QAM	1	0	20.88	20.94	20.73	22	0
20	64QAM	1	49	20.90	20.73	20.91		
20	64QAM	1	99	21.00	20.79	20.82		
20	64QAM	50	0	20.72	20.78	20.78	22	0
20	64QAM	50	24	20.97	20.81	20.77		
20	64QAM	50	50	20.76	20.76	20.91		
20	64QAM	100	0	20.80	20.67	20.91		
20	256QAM	1	0	19.07	19.16	19.16	20	2
20	256QAM	1	49	18.99	19.20	19.03		
20	256QAM	1	99	19.03	19.16	18.91		
20	256QAM	50	0	19.11	19.12	19.10	20	2
20	256QAM	50	24	19.10	19.08	19.09		
20	256QAM	50	50	19.07	19.23	19.11		
20	256QAM	100	0	19.09	19.07	19.01		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.98	21.18	21.15	22	0
15	QPSK	1	37	21.07	21.08	21.20		
15	QPSK	1	74	21.02	21.19	20.97		
15	QPSK	36	0	20.96	21.03	21.03	22	0
15	QPSK	36	20	21.06	20.88	20.93		
15	QPSK	36	39	21.02	20.91	21.01		
15	QPSK	75	0	20.78	20.97	20.72		
15	16QAM	1	0	20.90	20.87	20.92	22	0
15	16QAM	1	37	20.88	20.84	20.89		
15	16QAM	1	74	20.65	20.52	20.72		
15	16QAM	36	0	20.80	20.69	20.75	22	0
15	16QAM	36	20	20.69	20.62	20.61		
15	16QAM	36	39	20.82	20.77	20.80		
15	16QAM	75	0	20.62	20.67	20.74		
15	64QAM	1	0	20.73	20.78	20.64	22	0
15	64QAM	1	37	20.80	20.69	20.86		
15	64QAM	1	74	20.88	20.65	20.71		
15	64QAM	36	0	20.65	20.71	20.72	22	0
15	64QAM	36	20	20.82	20.68	20.62		
15	64QAM	36	39	20.62	20.66	20.85		
15	64QAM	75	0	20.72	20.56	20.81		
15	256QAM	1	0	18.94	19.07	19.10	20	2
15	256QAM	1	37	18.90	19.08	18.89		
15	256QAM	1	74	18.97	19.07	18.84		
15	256QAM	36	0	18.99	19.02	19.00	20	2
15	256QAM	36	20	19.00	18.95	18.98		
15	256QAM	36	39	19.02	19.17	18.97		
15	256QAM	75	0	19.06	18.93	18.93		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.06	21.21	21.14	22	0
10	QPSK	1	25	21.13	21.07	21.20		
10	QPSK	1	49	21.04	21.13	20.97		
10	QPSK	25	0	20.98	21.04	20.96	22	0
10	QPSK	25	12	21.06	20.86	21.00		
10	QPSK	25	25	21.06	20.88	21.01		
10	QPSK	50	0	20.82	20.97	20.72		
10	16QAM	1	0	20.95	20.88	20.89	22	0
10	16QAM	1	25	20.97	20.79	20.85		
10	16QAM	1	49	20.66	20.53	20.82		
10	16QAM	25	0	20.90	20.62	20.75	22	0
10	16QAM	25	12	20.72	20.60	20.57		
10	16QAM	25	25	20.79	20.78	20.72		
10	16QAM	50	0	20.63	20.57	20.79		
10	64QAM	1	0	20.81	20.85	20.66	22	0
10	64QAM	1	25	20.78	20.68	20.84		
10	64QAM	1	49	20.91	20.66	20.74		
10	64QAM	25	0	20.61	20.63	20.72	22	0
10	64QAM	25	12	20.87	20.70	20.70		
10	64QAM	25	25	20.61	20.61	20.79		
10	64QAM	50	0	20.67	20.57	20.83		
10	256QAM	1	0	18.98	19.08	19.04	20	2
10	256QAM	1	25	18.92	19.16	18.95		
10	256QAM	1	49	18.98	19.11	18.78		
10	256QAM	25	0	19.00	19.06	18.97	20	2
10	256QAM	25	12	18.96	19.01	19.05		
10	256QAM	25	25	19.05	19.14	19.03		
10	256QAM	50	0	18.99	19.01	18.98		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.05	21.18	21.08	22	0
5	QPSK	1	12	21.10	21.09	21.19		
5	QPSK	1	24	20.99	21.13	21.04		
5	QPSK	12	0	20.94	21.07	20.96	22	0
5	QPSK	12	7	21.08	20.96	20.96		
5	QPSK	12	13	20.96	20.92	20.99		
5	QPSK	25	0	20.81	20.96	20.79		
5	16QAM	1	0	20.88	20.84	20.85	22	0
5	16QAM	1	12	20.95	20.80	20.85		
5	16QAM	1	24	20.58	20.52	20.74		
5	16QAM	12	0	20.86	20.70	20.81	22	0
5	16QAM	12	7	20.67	20.56	20.60		
5	16QAM	12	13	20.78	20.69	20.76		
5	16QAM	25	0	20.66	20.58	20.78		
5	64QAM	1	0	20.72	20.84	20.61	22	0
5	64QAM	1	12	20.78	20.67	20.83		
5	64QAM	1	24	20.93	20.68	20.73		
5	64QAM	12	0	20.60	20.72	20.73	22	0
5	64QAM	12	7	20.83	20.71	20.62		
5	64QAM	12	13	20.61	20.69	20.78		
5	64QAM	25	0	20.73	20.53	20.84		
5	256QAM	1	0	19.05	19.09	19.05	20	2
5	256QAM	1	12	18.92	19.13	18.90		
5	256QAM	1	24	18.96	19.09	18.85		
5	256QAM	12	0	19.08	18.99	18.97	20	2
5	256QAM	12	7	19.03	19.01	19.02		
5	256QAM	12	13	18.94	19.13	19.00		
5	256QAM	25	0	18.97	19.02	18.88		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.00	21.18	21.15	22	0
3	QPSK	1	8	21.14	21.01	21.18		
3	QPSK	1	14	21.07	21.12	21.05		
3	QPSK	8	0	20.97	21.08	20.99	22	0
3	QPSK	8	4	21.06	20.90	20.90		
3	QPSK	8	7	20.99	20.95	20.96		
3	QPSK	15	0	20.71	20.97	20.78		
3	16QAM	1	0	20.92	20.90	20.91	22	0
3	16QAM	1	8	20.92	20.77	20.86		
3	16QAM	1	14	20.66	20.52	20.77		
3	16QAM	8	0	20.87	20.66	20.77	22	0
3	16QAM	8	4	20.72	20.52	20.69		
3	16QAM	8	7	20.77	20.76	20.84		
3	16QAM	15	0	20.65	20.59	20.70		
3	64QAM	1	0	20.77	20.87	20.63	22	0
3	64QAM	1	8	20.84	20.68	20.77		
3	64QAM	1	14	20.94	20.64	20.76		
3	64QAM	8	0	20.56	20.67	20.68	22	0
3	64QAM	8	4	20.91	20.76	20.70		
3	64QAM	8	7	20.67	20.61	20.85		
3	64QAM	15	0	20.70	20.60	20.77		
3	256QAM	1	0	19.05	19.07	19.04	20	2
3	256QAM	1	8	18.96	19.16	18.94		
3	256QAM	1	14	19.00	19.07	18.84		
3	256QAM	8	0	19.02	19.05	18.97	20	2
3	256QAM	8	4	19.03	18.98	19.04		
3	256QAM	8	7	19.00	19.13	19.06		
3	256QAM	15	0	18.96	18.97	18.93		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.99	21.14	21.06	22	0
1.4	QPSK	1	3	21.03	21.02	21.10		
1.4	QPSK	1	5	21.07	21.18	20.97		
1.4	QPSK	3	0	20.98	21.01	20.98		
1.4	QPSK	3	1	21.04	20.95	20.91		
1.4	QPSK	3	3	21.00	20.87	20.99		
1.4	QPSK	6	0	20.72	20.95	20.80	22	0
1.4	16QAM	1	0	20.88	20.79	20.82	22	0
1.4	16QAM	1	3	20.98	20.85	20.94		
1.4	16QAM	1	5	20.58	20.55	20.77		
1.4	16QAM	3	0	20.88	20.69	20.78		
1.4	16QAM	3	1	20.72	20.55	20.66		
1.4	16QAM	3	3	20.77	20.80	20.78		
1.4	16QAM	6	0	20.68	20.64	20.75	22	0
1.4	64QAM	1	0	20.75	20.89	20.60	22	0
1.4	64QAM	1	3	20.75	20.64	20.85		
1.4	64QAM	1	5	20.90	20.66	20.70		
1.4	64QAM	3	0	20.65	20.63	20.74		
1.4	64QAM	3	1	20.91	20.72	20.65		
1.4	64QAM	3	3	20.67	20.71	20.78		
1.4	64QAM	6	0	20.64	20.56	20.83	22	0
1.4	256QAM	1	0	18.99	19.02	19.08	20	2
1.4	256QAM	1	3	18.94	19.08	19.00		
1.4	256QAM	1	5	18.97	19.11	18.79		
1.4	256QAM	3	0	19.07	19.02	19.08		
1.4	256QAM	3	1	19.06	18.97	18.98		
1.4	256QAM	3	3	18.98	19.16	19.08		
1.4	256QAM	6	0	19.00	18.94	18.91	20	2

Band 7 other PA Ant 5 DSI4

BW [MHz]	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	19.16	19.28	19.15	19.5	0
20	QPSK	1	49	19.21	19.13	19.19		
20	QPSK	1	99	19.19	19.24	19.15		
20	QPSK	50	0	19.04	19.20	19.12	19.5	0
20	QPSK	50	24	19.15	19.07	19.03		
20	QPSK	50	50	19.08	19.07	19.11		
20	QPSK	100	0	18.82	18.97	18.80		
20	16QAM	1	0	18.96	18.90	18.95	19.5	0
20	16QAM	1	49	19.02	18.94	18.91		
20	16QAM	1	99	18.69	18.70	18.76		
20	16QAM	50	0	18.86	18.71	18.85	19.5	0
20	16QAM	50	24	18.74	18.72	18.73		
20	16QAM	50	50	18.85	18.88	18.83		
20	16QAM	100	0	18.77	18.74	18.86		
20	64QAM	1	0	18.88	18.91	18.70	19.5	0
20	64QAM	1	49	18.95	18.72	18.94		
20	64QAM	1	99	18.96	18.80	18.88		
20	64QAM	50	0	18.74	18.79	18.78	19.5	0
20	64QAM	50	24	18.92	18.80	18.78		
20	64QAM	50	50	18.75	18.76	18.84		
20	64QAM	100	0	18.85	18.69	18.81		
20	256QAM	1	0	18.76	18.86	18.78	19.5	0
20	256QAM	1	49	18.86	18.90	18.85		
20	256QAM	1	99	18.86	18.67	18.87		
20	256QAM	50	0	18.95	18.74	18.84	19.5	0
20	256QAM	50	24	18.75	18.72	18.82		
20	256QAM	50	50	18.80	18.61	18.80		
20	256QAM	100	0	18.80	18.84	18.82		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.04	19.21	19.09	19.5	0
15	QPSK	1	37	19.08	18.99	19.11		
15	QPSK	1	74	19.05	19.15	19.02		
15	QPSK	36	0	18.95	19.10	18.97	19.5	0
15	QPSK	36	20	19.10	18.95	18.96		
15	QPSK	36	39	18.98	18.97	19.06		
15	QPSK	75	0	18.68	18.92	18.72		
15	16QAM	1	0	18.91	18.84	18.88	19.5	0
15	16QAM	1	37	18.93	18.88	18.83		
15	16QAM	1	74	18.64	18.66	18.64		
15	16QAM	36	0	18.71	18.58	18.77	19.5	0
15	16QAM	36	20	18.63	18.58	18.65		
15	16QAM	36	39	18.73	18.80	18.68		
15	16QAM	75	0	18.70	18.66	18.79		
15	64QAM	1	0	18.79	18.79	18.60	19.5	0
15	64QAM	1	37	18.85	18.59	18.85		
15	64QAM	1	74	18.88	18.71	18.77		
15	64QAM	36	0	18.58	18.67	18.69	19.5	0
15	64QAM	36	20	18.81	18.66	18.71		
15	64QAM	36	39	18.63	18.70	18.78		
15	64QAM	75	0	18.79	18.58	18.70		
15	256QAM	1	0	18.62	18.80	18.65	19.5	0
15	256QAM	1	37	18.79	18.76	18.79		
15	256QAM	1	74	18.80	18.63	18.73		
15	256QAM	36	0	18.86	18.70	18.77	19.5	0
15	256QAM	36	20	18.63	18.67	18.66		
15	256QAM	36	39	18.73	18.55	18.71		
15	256QAM	75	0	18.70	18.71	18.68		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.02	19.23	19.08	19.5	0
10	QPSK	1	25	19.07	19.08	19.06		
10	QPSK	1	49	19.10	19.08	19.07		
10	QPSK	25	0	18.89	19.16	19.05	19.5	0
10	QPSK	25	12	19.08	19.03	18.99		
10	QPSK	25	25	18.93	19.00	19.04		
10	QPSK	50	0	18.71	18.88	18.67		
10	16QAM	1	0	18.91	18.76	18.79	19.5	0
10	16QAM	1	25	18.92	18.88	18.81		
10	16QAM	1	49	18.58	18.60	18.61		
10	16QAM	25	0	18.82	18.57	18.76	19.5	0
10	16QAM	25	12	18.66	18.62	18.67		
10	16QAM	25	25	18.79	18.72	18.75		
10	16QAM	50	0	18.72	18.62	18.78		
10	64QAM	1	0	18.76	18.82	18.66	19.5	0
10	64QAM	1	25	18.80	18.59	18.89		
10	64QAM	1	49	18.85	18.76	18.72		
10	64QAM	25	0	18.58	18.65	18.72	19.5	0
10	64QAM	25	12	18.79	18.71	18.84		
10	64QAM	25	25	18.63	18.62	18.78		
10	64QAM	50	0	18.72	18.60	18.70		
10	256QAM	1	0	18.60	18.76	18.67	19.5	0
10	256QAM	1	25	18.72	18.83	18.79		
10	256QAM	1	49	18.73	18.53	18.80		
10	256QAM	25	0	18.90	18.60	18.72	19.5	0
10	256QAM	25	12	18.70	18.61	18.75		
10	256QAM	25	25	18.68	18.50	18.76		
10	256QAM	50	0	18.65	18.74	18.78		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.09	19.18	19.01	19.5	0
5	QPSK	1	12	19.08	19.09	19.08		
5	QPSK	1	24	19.08	19.14	19.11		
5	QPSK	12	0	18.93	19.10	19.03	19.5	0
5	QPSK	12	7	19.03	18.99	18.88		
5	QPSK	12	13	18.98	18.93	18.97		
5	QPSK	25	0	18.74	18.90	18.66		
5	16QAM	1	0	18.90	18.79	18.89	19.5	0
5	16QAM	1	12	18.94	18.82	18.79		
5	16QAM	1	24	18.59	18.59	18.63		
5	16QAM	12	0	18.73	18.63	18.75	19.5	0
5	16QAM	12	7	18.60	18.62	18.61		
5	16QAM	12	13	18.70	18.80	18.78		
5	16QAM	25	0	18.72	18.69	18.74		
5	64QAM	1	0	18.82	18.78	18.64	19.5	0
5	64QAM	1	12	18.88	18.65	18.84		
5	64QAM	1	24	18.90	18.67	18.81		
5	64QAM	12	0	18.61	18.70	18.67	19.5	0
5	64QAM	12	7	18.79	18.69	18.64		
5	64QAM	12	13	18.61	18.65	18.77		
5	64QAM	25	0	18.79	18.56	18.76		
5	256QAM	1	0	18.72	18.75	18.69	19.5	0
5	256QAM	1	12	18.81	18.76	18.79		
5	256QAM	1	24	18.74	18.51	18.80		
5	256QAM	12	0	18.86	18.67	18.80	19.5	0
5	256QAM	12	7	18.66	18.65	18.69		
5	256QAM	12	13	18.74	18.47	18.67		
5	256QAM	25	0	18.70	18.77	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.71	21.86	21.73	22.5	0
20	QPSK	1	49	21.70	21.79	21.84		
20	QPSK	1	99	21.76	21.79	21.74		
20	QPSK	50	0	21.56	21.73	21.65	22.5	0
20	QPSK	50	24	21.62	21.64	21.63		
20	QPSK	50	50	21.70	21.62	21.57		
20	QPSK	100	0	21.44	21.51	21.34		
20	16QAM	1	0	21.53	21.45	21.47	22.5	0
20	16QAM	1	49	21.65	21.52	21.46		
20	16QAM	1	99	21.24	21.17	21.38		
20	16QAM	50	0	21.51	21.33	21.47	22.5	0
20	16QAM	50	24	21.33	21.26	21.36		
20	16QAM	50	50	21.45	21.39	21.47		
20	16QAM	100	0	21.28	21.24	21.36		
20	64QAM	1	0	21.43	21.46	21.29	22.5	0
20	64QAM	1	49	21.47	21.34	21.43		
20	64QAM	1	99	21.56	21.37	21.38		
20	64QAM	50	0	20.69	20.83	20.64	21.5	1
20	64QAM	50	24	20.57	20.72	20.50		
20	64QAM	50	50	20.70	20.69	20.43		
20	64QAM	100	0	20.69	20.73	20.59		
20	256QAM	1	0	18.68	18.81	18.58	19.5	3
20	256QAM	1	49	18.60	18.69	18.43		
20	256QAM	1	99	18.71	18.71	18.51		
20	256QAM	50	0	18.67	18.79	18.65	19.5	3
20	256QAM	50	24	18.64	18.69	18.61		
20	256QAM	50	50	18.57	18.70	18.47		
20	256QAM	100	0	18.61	18.67	18.56		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.65	21.60	21.69	22.5	0
15	QPSK	1	37	21.61	21.65	21.70		
15	QPSK	1	74	21.64	21.73	21.60		
15	QPSK	36	0	21.49	21.64	21.51	22.5	0
15	QPSK	36	20	21.57	21.57	21.52		
15	QPSK	36	39	21.61	21.55	21.51		
15	QPSK	75	0	21.29	21.41	21.25		
15	16QAM	1	0	21.43	21.41	21.40	22.5	0
15	16QAM	1	37	21.57	21.48	21.36		
15	16QAM	1	74	21.19	21.09	21.28		
15	16QAM	36	0	21.43	21.24	21.35	22.5	0
15	16QAM	36	20	21.28	21.17	21.31		
15	16QAM	36	39	21.30	21.33	21.35		
15	16QAM	75	0	21.15	21.16	21.24		
15	64QAM	1	0	21.27	21.40	21.13	22.5	0
15	64QAM	1	37	21.42	21.28	21.33		
15	64QAM	1	74	21.45	21.22	21.26		
15	64QAM	36	0	20.55	20.78	20.58	21.5	1
15	64QAM	36	20	20.52	20.67	20.45		
15	64QAM	36	39	20.65	20.65	20.29		
15	64QAM	75	0	20.64	20.66	20.48		
15	256QAM	1	0	18.57	18.79	18.52	19.5	3
15	256QAM	1	37	18.55	18.63	18.40		
15	256QAM	1	74	18.64	18.60	18.37		
15	256QAM	36	0	18.58	18.69	18.56	19.5	3
15	256QAM	36	20	18.51	18.67	18.54		
15	256QAM	36	39	18.55	18.58	18.35		
15	256QAM	75	0	18.51	18.58	18.48		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.65	21.61	21.64	22.5	0
10	QPSK	1	25	21.57	21.63	21.78		
10	QPSK	1	49	21.71	21.68	21.60		
10	QPSK	25	0	21.50	21.63	21.60	22.5	0
10	QPSK	25	12	21.53	21.50	21.59		
10	QPSK	25	25	21.63	21.50	21.42		
10	QPSK	50	0	21.31	21.39	21.28		
10	16QAM	1	0	21.39	21.40	21.43	22.5	0
10	16QAM	1	25	21.56	21.38	21.38		
10	16QAM	1	49	21.16	21.09	21.31		
10	16QAM	25	0	21.36	21.22	21.37	22.5	0
10	16QAM	25	12	21.26	21.15	21.30		
10	16QAM	25	25	21.31	21.32	21.35		
10	16QAM	50	0	21.22	21.13	21.27		
10	64QAM	1	0	21.29	21.32	21.21	22.5	0
10	64QAM	1	25	21.34	21.23	21.38		
10	64QAM	1	49	21.41	21.22	21.33		
10	64QAM	25	0	20.58	20.74	20.61	21.5	1
10	64QAM	25	12	20.50	20.58	20.46		
10	64QAM	25	25	20.59	20.66	20.31		
10	64QAM	50	0	20.64	20.69	20.54		
10	256QAM	1	0	18.56	18.79	18.55	19.5	3
10	256QAM	1	25	18.55	18.60	18.38		
10	256QAM	1	49	18.66	18.68	18.45		
10	256QAM	25	0	18.64	18.72	18.52	19.5	3
10	256QAM	25	12	18.52	18.66	18.57		
10	256QAM	25	25	18.55	18.65	18.36		
10	256QAM	50	0	18.49	18.57	18.52		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.65	21.67	21.58	22.5	0
5	QPSK	1	12	21.62	21.72	21.71		
5	QPSK	1	24	21.68	21.68	21.64		
5	QPSK	12	0	21.50	21.60	21.51	22.5	0
5	QPSK	12	7	21.53	21.52	21.52		
5	QPSK	12	13	21.65	21.47	21.50		
5	QPSK	25	0	21.39	21.36	21.28		
5	16QAM	1	0	21.45	21.30	21.42	22.5	0
5	16QAM	1	12	21.60	21.47	21.40		
5	16QAM	1	24	21.17	21.13	21.31		
5	16QAM	12	0	21.40	21.20	21.33	22.5	0
5	16QAM	12	7	21.21	21.20	21.27		
5	16QAM	12	13	21.39	21.24	21.31		
5	16QAM	25	0	21.22	21.14	21.20		
5	64QAM	1	0	21.30	21.35	21.23	22.5	0
5	64QAM	1	12	21.43	21.27	21.36		
5	64QAM	1	24	21.45	21.21	21.22		
5	64QAM	12	0	20.56	20.72	20.54	21.5	1
5	64QAM	12	7	20.54	20.62	20.46		
5	64QAM	12	13	20.67	20.59	20.35		
5	64QAM	25	0	20.60	20.59	20.51		
5	256QAM	1	0	18.65	18.70	18.51	19.5	3
5	256QAM	1	12	18.53	18.61	18.35		
5	256QAM	1	24	18.57	18.61	18.41		
5	256QAM	12	0	18.57	18.71	18.54	19.5	3
5	256QAM	12	7	18.58	18.56	18.53		
5	256QAM	12	13	18.55	18.63	18.34		
5	256QAM	25	0	18.57	18.65	18.51		

Band 41 other PA Ant 5 DSI4

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	21.55	21.59	21.71	21.63	21.60	22.5	0
20	QPSK	1	49	21.59	21.61	21.69	21.68	21.69		
20	QPSK	1	99	21.54	21.63	21.66	21.63	21.54		
20	QPSK	50	0	21.44	21.47	21.58	21.62	21.58	22.5	0
20	QPSK	50	24	21.49	21.50	21.50	21.59	21.53		
20	QPSK	50	50	21.47	21.48	21.43	21.55	21.51		
20	QPSK	100	0	21.30	21.24	21.49	21.27	21.29		
20	16QAM	1	0	21.45	21.45	21.35	21.37	21.34	22.5	0
20	16QAM	1	49	21.54	21.48	21.37	21.42	21.42		
20	16QAM	1	99	21.12	21.10	21.11	21.22	21.30		
20	16QAM	50	0	21.31	21.33	21.13	21.33	21.35	22.5	0
20	16QAM	50	24	21.12	21.18	21.15	21.24	21.21		
20	16QAM	50	50	21.37	21.28	21.29	21.33	21.29		
20	16QAM	100	0	21.21	21.25	21.19	21.30	21.30		
20	64QAM	1	0	21.29	21.40	21.31	21.13	21.16	22.5	0
20	64QAM	1	49	21.35	21.34	21.13	21.29	21.37		
20	64QAM	1	99	21.43	21.35	21.23	21.27	21.33		
20	64QAM	50	0	20.53	20.53	20.69	20.64	20.58	21.5	1
20	64QAM	50	24	20.40	20.43	20.56	20.55	20.43		
20	64QAM	50	50	20.52	20.50	20.47	20.41	20.38		
20	64QAM	100	0	20.58	20.47	20.61	20.54	20.47		
20	256QAM	1	0	18.57	18.63	18.58	18.66	18.52	19.5	3
20	256QAM	1	49	18.48	18.44	18.53	18.55	18.47		
20	256QAM	1	99	18.51	18.47	18.51	18.38	18.33		
20	256QAM	50	0	18.54	18.53	18.58	18.56	18.46	19.5	3
20	256QAM	50	24	18.48	18.50	18.62	18.54	18.51		
20	256QAM	50	50	18.43	18.47	18.65	18.48	18.44		
20	256QAM	100	0	18.57	18.45	18.53	18.50	18.44		
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	21.44	21.49	21.63	21.57	21.49	22.50	0
15	QPSK	1	37	21.54	21.53	21.63	21.54	21.60		
15	QPSK	1	74	21.45	21.56	21.61	21.55	21.39		
15	QPSK	36	0	21.33	21.32	21.44	21.46	21.50	22.5	0
15	QPSK	36	20	21.41	21.45	21.38	21.45	21.38		
15	QPSK	36	39	21.35	21.40	21.28	21.39	21.46		
15	QPSK	75	0	21.23	21.14	21.42	21.19	21.23		
15	16QAM	1	0	21.39	21.34	21.30	21.31	21.19	22.5	0
15	16QAM	1	37	21.40	21.33	21.22	21.34	21.27		
15	16QAM	1	74	21.00	20.95	20.97	21.11	21.16		
15	16QAM	36	0	21.19	21.23	20.98	21.21	21.29	22.5	0
15	16QAM	36	20	20.97	21.04	21.02	21.10	21.11		
15	16QAM	36	39	21.32	21.21	21.17	21.22	21.24		
15	16QAM	75	0	21.07	21.13	21.14	21.25	21.16		
15	64QAM	1	0	21.17	21.35	21.17	21.03	21.07	22.5	0
15	64QAM	1	37	21.26	21.26	21.04	21.15	21.23		
15	64QAM	1	74	21.38	21.28	21.13	21.23	21.19		
15	64QAM	36	0	20.44	20.45	20.66	20.55	20.48	21.5	1
15	64QAM	36	20	20.29	20.40	20.51	20.42	20.31		
15	64QAM	36	39	20.39	20.38	20.35	20.35	20.32		
15	64QAM	75	0	20.55	20.38	20.53	20.47	20.41		
15	256QAM	1	0	18.53	18.58	18.55	18.57	18.43	19.5	3
15	256QAM	1	37	18.40	18.32	18.50	18.43	18.35		
15	256QAM	1	74	18.42	18.34	18.42	18.25	18.19		
15	256QAM	36	0	18.42	18.40	18.55	18.52	18.36	19.5	3
15	256QAM	36	20	18.46	18.42	18.50	18.45	18.47		
15	256QAM	36	39	18.40	18.39	18.59	18.43	18.34		
15	256QAM	75	0	18.54	18.35	18.46	18.47	18.39		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.42	21.46	21.61	21.55	21.52	22.50	0
10	QPSK	1	25	21.52	21.45	21.62	21.63	21.61		
10	QPSK	1	49	21.45	21.57	21.52	21.57	21.39		
10	QPSK	25	0	21.34	21.41	21.46	21.50	21.51	22.5	0
10	QPSK	25	12	21.36	21.46	21.40	21.51	21.43		
10	QPSK	25	25	21.42	21.35	21.35	21.40	21.39		
10	QPSK	50	0	21.21	21.13	21.42	21.23	21.15		
10	16QAM	1	0	21.31	21.29	21.25	21.25	21.24	22.5	0
10	16QAM	1	25	21.43	21.43	21.29	21.31	21.32		
10	16QAM	1	49	21.07	20.97	21.02	21.08	21.22		
10	16QAM	25	0	21.21	21.19	21.09	21.28	21.30	22.5	0
10	16QAM	25	12	20.97	21.13	21.10	21.17	21.13		
10	16QAM	25	25	21.24	21.20	21.20	21.22	21.14		
10	16QAM	50	0	21.12	21.11	21.12	21.21	21.16		
10	64QAM	1	0	21.14	21.30	21.17	21.07	21.07	22.5	0
10	64QAM	1	25	21.20	21.22	21.01	21.19	21.28		
10	64QAM	1	49	21.39	21.31	21.09	21.12	21.28		
10	64QAM	25	0	20.47	20.50	20.64	20.54	20.47	21.5	1
10	64QAM	25	12	20.26	20.39	20.53	20.42	20.40		
10	64QAM	25	25	20.42	20.39	20.39	20.31	20.31		
10	64QAM	50	0	20.45	20.41	20.51	20.48	20.33		
10	256QAM	1	0	18.49	18.61	18.49	18.62	18.48	19.5	3
10	256QAM	1	25	18.44	18.31	18.45	18.50	18.37		
10	256QAM	1	49	18.42	18.43	18.48	18.27	18.29		
10	256QAM	25	0	18.47	18.40	18.54	18.51	18.41	19.5	3
10	256QAM	25	12	18.43	18.46	18.53	18.51	18.49		
10	256QAM	25	25	18.38	18.41	18.58	18.39	18.33		
10	256QAM	50	0	18.53	18.42	18.48	18.42	18.33		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.49	21.52	21.57	21.53	21.52	22.50	0
5	QPSK	1	12	21.49	21.54	21.54	21.55	21.59		
5	QPSK	1	24	21.40	21.52	21.58	21.51	21.49		
5	QPSK	12	0	21.36	21.41	21.42	21.52	21.48	22.5	0
5	QPSK	12	7	21.43	21.42	21.42	21.52	21.39		
5	QPSK	12	13	21.31	21.33	21.33	21.48	21.36		
5	QPSK	25	0	21.17	21.12	21.41	21.12	21.22		
5	16QAM	1	0	21.32	21.32	21.21	21.22	21.26	22.5	0
5	16QAM	1	12	21.45	21.34	21.30	21.29	21.28		
5	16QAM	1	24	21.01	20.97	21.07	21.14	21.15		
5	16QAM	12	0	21.16	21.18	21.02	21.23	21.21	22.5	0
5	16QAM	12	7	20.99	21.04	21.02	21.12	21.08		
5	16QAM	12	13	21.24	21.17	21.22	21.23	21.18		
5	16QAM	25	0	21.13	21.16	21.12	21.17	21.19		
5	64QAM	1	0	21.17	21.30	21.26	21.02	21.09	22.5	0
5	64QAM	1	12	21.20	21.27	21.03	21.14	21.26		
5	64QAM	1	24	21.30	21.26	21.18	21.21	21.19		
5	64QAM	12	0	20.43	20.51	20.64	20.58	20.45	21.5	1
5	64QAM	12	7	20.36	20.36	20.54	20.50	20.30		
5	64QAM	12	13	20.45	20.41	20.43	20.31	20.27		
5	64QAM	25	0	20.52	20.40	20.49	20.47	20.38		
5	256QAM	1	0	18.53	18.56	18.55	18.54	18.43	19.5	3
5	256QAM	1	12	18.41	18.37	18.51	18.46	18.35		
5	256QAM	1	24	18.46	18.35	18.40	18.35	18.30		
5	256QAM	12	0	18.47	18.44	18.48	18.50	18.34	19.5	3
5	256QAM	12	7	18.37	18.44	18.52	18.44	18.42		
5	256QAM	12	13	18.31	18.37	18.54	18.45	18.40		
5	256QAM	25	0	18.49	18.33	18.42	18.37	18.34		

Reduced Power Mode for DSI6_Other PA

Band 2 other PA Ant 2 DSI6

BW [MHz]	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	16.17	16.37	16.33		
20	QPSK	1	49	16.21	16.24	16.28	17.5	0
20	QPSK	1	99	16.27	16.26	16.18		
20	QPSK	50	0	16.02	16.26	16.28		
20	QPSK	50	24	16.16	16.11	16.18	17.5	0
20	QPSK	50	50	16.18	16.15	16.18		
20	QPSK	100	0	15.98	16.14	15.90		
20	16QAM	1	0	16.08	15.93	16.09		
20	16QAM	1	49	16.08	16.08	15.98	17.5	0
20	16QAM	1	99	15.76	15.70	15.93		
20	16QAM	50	0	15.97	15.78	15.94		
20	16QAM	50	24	15.79	15.85	15.86	17.5	0
20	16QAM	50	50	16.00	15.91	16.00		
20	16QAM	100	0	15.80	15.78	15.89		
20	64QAM	1	0	15.98	15.96	15.76		
20	64QAM	1	49	15.95	15.84	16.00	17.5	0
20	64QAM	1	99	16.06	15.89	15.96		
20	64QAM	50	0	15.79	15.86	15.82		
20	64QAM	50	24	15.99	15.91	15.91	17.5	0
20	64QAM	50	50	15.86	15.91	16.00		
20	64QAM	100	0	15.85	15.72	15.90		
20	256QAM	1	0	15.81	15.91	15.92		
20	256QAM	1	49	16.01	15.98	15.90	17.5	0
20	256QAM	1	99	15.92	15.74	15.97		
20	256QAM	50	0	15.98	15.82	15.90		
20	256QAM	50	24	15.85	15.84	15.88	17.5	0
20	256QAM	50	50	15.90	15.76	15.92		
20	256QAM	100	0	15.94	15.91	15.89		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.01	16.27	16.21		
15	QPSK	1	37	16.13	16.18	16.17	17.5	0
15	QPSK	1	74	16.14	16.20	16.02		
15	QPSK	36	0	15.93	16.15	16.20		
15	QPSK	36	20	16.07	16.02	16.03	17.5	0
15	QPSK	36	39	16.03	16.04	16.11		
15	QPSK	75	0	15.83	16.08	15.79		
15	16QAM	1	0	15.99	15.89	15.95		
15	16QAM	1	37	15.99	16.00	15.83	17.5	0
15	16QAM	1	74	15.63	15.63	15.82		
15	16QAM	36	0	15.91	15.63	15.80		
15	16QAM	36	20	15.74	15.76	15.75	17.5	0
15	16QAM	36	39	15.92	15.84	15.84		
15	16QAM	75	0	15.75	15.64	15.74		
15	64QAM	1	0	15.91	15.83	15.71		
15	64QAM	1	37	15.87	15.76	15.93	17.5	0
15	64QAM	1	74	15.99	15.75	15.85		
15	64QAM	36	0	15.65	15.73	15.71		
15	64QAM	36	20	15.89	15.76	15.77	17.5	0
15	64QAM	36	39	15.71	15.77	15.92		
15	64QAM	75	0	15.71	15.63	15.78		
15	256QAM	1	0	15.72	15.84	15.84		
15	256QAM	1	37	15.90	15.86	15.77	17.5	0
15	256QAM	1	74	15.80	15.67	15.92		
15	256QAM	36	0	15.87	15.77	15.82		
15	256QAM	36	20	15.73	15.76	15.74	17.5	0
15	256QAM	36	39	15.83	15.72	15.81		
15	256QAM	75	0	15.88	15.84	15.80		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.03	16.22	16.22		
10	QPSK	1	25	16.06	16.08	16.16	17.5	0
10	QPSK	1	49	16.12	16.16	16.02		
10	QPSK	25	0	15.89	16.14	16.21		
10	QPSK	25	12	16.02	16.03	16.06	17.5	0
10	QPSK	25	25	16.03	16.08	16.04		
10	QPSK	50	0	15.83	15.99	15.81		
10	16QAM	1	0	15.98	15.83	16.01		
10	16QAM	1	25	16.02	15.98	15.88	17.5	0
10	16QAM	1	49	15.61	15.63	15.88		
10	16QAM	25	0	15.87	15.63	15.78		
10	16QAM	25	12	15.64	15.81	15.74	17.5	0
10	16QAM	25	25	15.95	15.78	15.86		
10	16QAM	50	0	15.68	15.71	15.81		
10	64QAM	1	0	15.91	15.88	15.63		
10	64QAM	1	25	15.80	15.69	15.96	17.5	0
10	64QAM	1	49	15.94	15.76	15.86		
10	64QAM	25	0	15.72	15.72	15.78		
10	64QAM	25	12	15.89	15.80	15.82	17.5	0
10	64QAM	25	25	15.77	15.87	15.85		
10	64QAM	50	0	15.76	15.64	15.85		
10	256QAM	1	0	15.73	15.86	15.84		
10	256QAM	1	25	15.91	15.88	15.80	17.5	0
10	256QAM	1	49	15.86	15.62	15.86		
10	256QAM	25	0	15.90	15.78	15.79		
10	256QAM	25	12	15.77	15.70	15.79	17.5	0
10	256QAM	25	25	15.79	15.70	15.79		
10	256QAM	50	0	15.82	15.87	15.76		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.11	16.21	16.24		
5	QPSK	1	12	16.16	16.11	16.23	17.5	0
5	QPSK	1	24	16.12	16.13	16.12		
5	QPSK	12	0	15.97	16.12	16.23		
5	QPSK	12	7	16.07	16.05	16.08	17.5	0
5	QPSK	12	13	16.12	16.05	16.03		
5	QPSK	25	0	15.93	16.03	15.76		
5	16QAM	1	0	15.93	15.83	16.01		
5	16QAM	1	12	15.98	15.98	15.85	17.5	0
5	16QAM	1	24	15.63	15.58	15.86		
5	16QAM	12	0	15.87	15.73	15.90		
5	16QAM	12	7	15.71	15.73	15.78	17.5	0
5	16QAM	12	13	15.88	15.82	15.85		
5	16QAM	25	0	15.68	15.64	15.75		
5	64QAM	1	0	15.89	15.88	15.67		
5	64QAM	1	12	15.84	15.71	15.87	17.5	0
5	64QAM	1	24	15.94	15.78	15.87		
5	64QAM	12	0	15.69	15.76	15.69		
5	64QAM	12	7	15.85	15.87	15.86	17.5	0
5	64QAM	12	13	15.74	15.82	15.94		
5	64QAM	25	0	15.73	15.82	15.77		
5	256QAM	1	0	15.68	15.86	15.83		
5	256QAM	1	12	15.92	15.91	15.82	17.5	0
5	256QAM	1	24	15.85	15.67	15.93		
5	256QAM	12	0	15.84	15.69	15.83		
5	256QAM	12	7	15.76	15.74	15.83	17.5	0
5	256QAM	12	13	15.82	15.82	15.80		
5	256QAM	25	0	15.80	15.87	15.83		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.13	16.24	16.29		
3	QPSK	1	8	16.14	16.13	16.16	17.5	0
3	QPSK	1	14	16.17	16.11	16.08		
3	QPSK	8	0	15.93	16.19	16.24		
3	QPSK	8	4	16.07	15.96	16.03	17.5	0
3	QPSK	8	7	16.13	16.07	16.13		
3	QPSK	15	0	15.82	16.01	15.85		
3	16QAM	1	0	15.96	15.84	15.95		
3	16QAM	1	8	15.97	15.99	15.94	17.5	0
3	16QAM	1	14	15.71	15.56	15.81		
3	16QAM	8	0	15.81	15.66	15.90		
3	16QAM	8	4	15.65	15.69	15.72	17.5	0
3	16QAM	8	7	15.94	15.81	15.86		
3	16QAM	15	0	15.68	15.68	15.83		
3	64QAM	1	0	15.90	15.84	15.65		
3	64QAM	1	8	15.87	15.70	15.89	17.5	0
3	64QAM	1	14	15.90	15.74	15.89		
3	64QAM	8	0	15.72	15.75	15.67		
3	64QAM	8	4	15.94	15.85	15.82	17.5	0
3	64QAM	8	7	15.81	15.78	15.89		
3	64QAM	15	0	15.70	15.57	15.86		
3	256QAM	1	0	15.71	15.80	15.86		
3	256QAM	1	8	15.94	15.88	15.75	17.5	0
3	256QAM	1	14	15.88	15.61	15.85		
3	256QAM	8	0	15.89	15.73	15.76		
3	256QAM	8	4	15.76	15.68	15.82	17.5	0
3	256QAM	8	7	15.82	15.65	15.80		
3	256QAM	15	0	15.85	15.78	15.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.11	16.26	16.26		
1.4	QPSK	1	3	16.13	16.10	16.22		
1.4	QPSK	1	5	16.21	16.11	16.06	17.5	0
1.4	QPSK	3	0	15.96	16.15	16.14		
1.4	QPSK	3	1	16.01	15.98	16.04		
1.4	QPSK	3	3	16.12	16.08	16.07		
1.4	QPSK	6	0	15.82	15.99	15.81	17.5	0
1.4	16QAM	1	0	15.94	15.79	15.96		
1.4	16QAM	1	3	15.92	16.01	15.93		
1.4	16QAM	1	5	15.71	15.65	15.85	17.5	0
1.4	16QAM	3	0	15.93	15.62	15.87		
1.4	16QAM	3	1	15.73	15.79	15.75		
1.4	16QAM	3	3	15.84	15.80	15.92		
1.4	16QAM	6	0	15.71	15.65	15.74	17.5	0
1.4	64QAM	1	0	15.88	15.89	15.61		
1.4	64QAM	1	3	15.84	15.75	15.90		
1.4	64QAM	1	5	15.98	15.82	15.84	17.5	0
1.4	64QAM	3	0	15.67	15.81	15.75		
1.4	64QAM	3	1	15.88	15.75	15.79		
1.4	64QAM	3	3	15.77	15.75	15.88		
1.4	64QAM	6	0	15.71	15.62	15.78	17.5	0
1.4	256QAM	1	0	15.67	15.85	15.79		
1.4	256QAM	1	3	15.89	15.83	15.75		
1.4	256QAM	1	5	15.78	15.69	15.85	17.5	0
1.4	256QAM	3	0	15.88	15.73	15.80		
1.4	256QAM	3	1	15.79	15.73	15.78		
1.4	256QAM	3	3	15.78	15.67	15.85		
1.4	256QAM	6	0	15.88	15.83	15.78	17.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.12	15.30	15.24		
20	QPSK	1	49	15.25	15.26	15.26	16	0
20	QPSK	1	99	15.21	15.20	15.24		
20	QPSK	50	0	15.04	15.24	15.13		
20	QPSK	50	24	15.15	15.04	15.11	16	0
20	QPSK	50	50	15.16	15.09	15.11		
20	QPSK	100	0	14.84	15.03	14.83		
20	16QAM	1	0	15.01	14.91	15.00		
20	16QAM	1	49	15.05	14.99	14.96	16	0
20	16QAM	1	99	14.74	14.75	14.89		
20	16QAM	50	0	14.94	14.74	14.96		
20	16QAM	50	24	14.73	14.78	14.80	16	0
20	16QAM	50	50	14.98	14.89	14.92		
20	16QAM	100	0	14.80	14.75	14.86		
20	64QAM	1	0	14.92	14.92	14.72		
20	64QAM	1	49	14.91	14.79	14.92	16	0
20	64QAM	1	99	15.04	14.81	14.82		
20	64QAM	50	0	14.73	14.78	14.83		
20	64QAM	50	24	14.98	14.87	14.83	16	0
20	64QAM	50	50	14.73	14.86	14.87		
20	64QAM	100	0	14.89	14.78	14.95		
20	256QAM	1	0	14.73	14.82	14.94		
20	256QAM	1	49	14.93	14.97	14.80	16	0
20	256QAM	1	99	14.98	14.66	14.96		
20	256QAM	50	0	15.01	14.71	14.92		
20	256QAM	50	24	14.84	14.70	14.88	16	0
20	256QAM	50	50	14.92	14.70	14.81		
20	256QAM	100	0	14.85	14.82	14.92		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.99	15.18	15.19		
15	QPSK	1	37	15.17	15.13	15.20	16	0
15	QPSK	1	74	15.16	15.13	15.13		
15	QPSK	36	0	14.97	15.18	15.05		
15	QPSK	36	20	15.02	14.90	14.97	16	0
15	QPSK	36	39	15.06	14.96	14.96		
15	QPSK	75	0	14.76	14.89	14.71		
15	16QAM	1	0	14.88	14.77	14.94		
15	16QAM	1	37	14.92	14.86	14.91	16	0
15	16QAM	1	74	14.59	14.61	14.74		
15	16QAM	36	0	14.88	14.65	14.89		
15	16QAM	36	20	14.66	14.62	14.70	16	0
15	16QAM	36	39	14.92	14.81	14.80		
15	16QAM	75	0	14.76	14.60	14.73		
15	64QAM	1	0	14.83	14.84	14.57		
15	64QAM	1	37	14.81	14.72	14.78	16	0
15	64QAM	1	74	14.95	14.66	14.69		
15	64QAM	36	0	14.60	14.72	14.79		
15	64QAM	36	20	14.89	14.79	14.67	16	0
15	64QAM	36	39	14.62	14.73	14.72		
15	64QAM	75	0	14.84	14.64	14.80		
15	256QAM	1	0	14.61	14.68	14.78		
15	256QAM	1	37	14.80	14.86	14.67	16	0
15	256QAM	1	74	14.88	14.58	14.87		
15	256QAM	36	0	14.89	14.58	14.87		
15	256QAM	36	20	14.70	14.59	14.81	16	0
15	256QAM	36	39	14.79	14.62	14.74		
15	256QAM	75	0	14.80	14.75	14.87		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.06	15.14	15.18		
10	QPSK	1	25	15.14	15.11	15.15	16	0
10	QPSK	1	49	15.14	15.06	15.10		
10	QPSK	25	0	14.98	15.18	15.04		
10	QPSK	25	12	15.01	14.93	14.98	16	0
10	QPSK	25	25	15.06	15.01	15.00		
10	QPSK	50	0	14.71	14.97	14.77		
10	16QAM	1	0	14.87	14.82	14.88		
10	16QAM	1	25	14.92	14.93	14.87	16	0
10	16QAM	1	49	14.63	14.60	14.81		
10	16QAM	25	0	14.87	14.64	14.91		
10	16QAM	25	12	14.60	14.69	14.65	16	0
10	16QAM	25	25	14.85	14.74	14.83		
10	16QAM	50	0	14.72	14.66	14.80		
10	64QAM	1	0	14.80	14.87	14.58		
10	64QAM	1	25	14.86	14.67	14.79	16	0
10	64QAM	1	49	14.90	14.65	14.70		
10	64QAM	25	0	14.61	14.69	14.68		
10	64QAM	25	12	14.83	14.74	14.72	16	0
10	64QAM	25	25	14.64	14.78	14.74		
10	64QAM	50	0	14.80	14.73	14.79		
10	256QAM	1	0	14.69	14.67	14.86		
10	256QAM	1	25	14.80	14.87	14.70	16	0
10	256QAM	1	49	14.91	14.51	14.87		
10	256QAM	25	0	14.85	14.62	14.80		
10	256QAM	25	12	14.69	14.65	14.78	16	0
10	256QAM	25	25	14.81	14.60	14.76		
10	256QAM	50	0	14.69	14.71	14.79		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.96	15.25	15.19		
5	QPSK	1	12	15.10	15.13	15.16	16	0
5	QPSK	1	24	15.16	15.13	15.19		
5	QPSK	12	0	14.90	15.10	15.03		
5	QPSK	12	7	15.07	14.98	15.00	16	0
5	QPSK	12	13	15.10	14.94	14.98		
5	QPSK	25	0	14.68	14.88	14.74		
5	16QAM	1	0	14.93	14.82	14.88		
5	16QAM	1	12	14.98	14.87	14.87	16	0
5	16QAM	1	24	14.61	14.67	14.80		
5	16QAM	12	0	14.79	14.66	14.85		
5	16QAM	12	7	14.58	14.71	14.73	16	0
5	16QAM	12	13	14.86	14.82	14.85		
5	16QAM	25	0	14.73	14.63	14.71		
5	64QAM	1	0	14.84	14.78	14.64		
5	64QAM	1	12	14.76	14.72	14.80	16	0
5	64QAM	1	24	14.93	14.76	14.76		
5	64QAM	12	0	14.68	14.67	14.79		
5	64QAM	12	7	14.83	14.77	14.75	16	0
5	64QAM	12	13	14.60	14.81	14.80		
5	64QAM	25	0	14.74	14.64	14.90		
5	256QAM	1	0	14.58	14.67	14.82		
5	256QAM	1	12	14.88	14.84	14.67	16	0
5	256QAM	1	24	14.84	14.51	14.91		
5	256QAM	12	0	14.93	14.62	14.86		
5	256QAM	12	7	14.78	14.66	14.82	16	0
5	256QAM	12	13	14.88	14.60	14.66		
5	256QAM	25	0	14.80	14.76	14.84		

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BW [MHz]	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	15.78	15.98	15.93		
20	QPSK	1	49	15.82	15.83	15.91	17	0
20	QPSK	1	99	15.89	15.92	15.84		
20	QPSK	50	0	15.68	15.83	15.81		
20	QPSK	50	24	15.83	15.70	15.75	17	0
20	QPSK	50	50	15.80	15.73	15.79		
20	QPSK	100	0	15.60	15.67	15.49		
20	16QAM	1	0	15.61	15.58	15.66		
20	16QAM	1	49	15.75	15.69	15.68	17	0
20	16QAM	1	99	15.47	15.40	15.45		
20	16QAM	50	0	15.61	15.43	15.56		
20	16QAM	50	24	15.47	15.42	15.40	17	0
20	16QAM	50	50	15.62	15.58	15.62		
20	16QAM	100	0	15.45	15.46	15.52		
20	64QAM	1	0	15.60	15.54	15.40		
20	64QAM	1	49	15.56	15.41	15.64	17	0
20	64QAM	1	99	15.60	15.44	15.58		
20	64QAM	50	0	15.42	15.49	15.52		
20	64QAM	50	24	15.68	15.54	15.44	17	0
20	64QAM	50	50	15.46	15.41	15.58		
20	64QAM	100	0	15.48	15.39	15.56		
20	256QAM	1	0	15.46	15.49	15.48		
20	256QAM	1	49	15.59	15.57	15.54	17	0
20	256QAM	1	99	15.60	15.37	15.59		
20	256QAM	50	0	15.61	15.44	15.51		
20	256QAM	50	24	15.53	15.38	15.51	17	0
20	256QAM	50	50	15.48	15.33	15.46		
20	256QAM	100	0	15.49	15.54	15.49		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	15.67	15.85	15.79		
15	QPSK	1	37	15.74	15.77	15.86	17	0
15	QPSK	1	74	15.78	15.80	15.79		
15	QPSK	36	0	15.62	15.68	15.68		
15	QPSK	36	20	15.77	15.61	15.65	17	0
15	QPSK	36	39	15.75	15.67	15.71		
15	QPSK	75	0	15.47	15.63	15.45		
15	16QAM	1	0	15.55	15.53	15.53		
15	16QAM	1	37	15.66	15.65	15.58	17	0
15	16QAM	1	74	15.34	15.32	15.34		
15	16QAM	36	0	15.49	15.36	15.44		
15	16QAM	36	20	15.32	15.33	15.33	17	0
15	16QAM	36	39	15.46	15.46	15.56		
15	16QAM	75	0	15.38	15.35	15.42		
15	64QAM	1	0	15.53	15.41	15.30		
15	64QAM	1	37	15.47	15.33	15.59	17	0
15	64QAM	1	74	15.47	15.36	15.51		
15	64QAM	36	0	15.29	15.42	15.43		
15	64QAM	36	20	15.61	15.47	15.28	17	0
15	64QAM	36	39	15.41	15.35	15.50		
15	64QAM	75	0	15.33	15.32	15.42		
15	256QAM	1	0	15.42	15.41	15.40		
15	256QAM	1	37	15.54	15.47	15.39	17	0
15	256QAM	1	74	15.51	15.29	15.48		
15	256QAM	36	0	15.49	15.35	15.37		
15	256QAM	36	20	15.41	15.23	15.38	17	0
15	256QAM	36	39	15.33	15.27	15.41		
15	256QAM	75	0	15.39	15.44	15.33		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	15.73	15.93	15.86		
10	QPSK	1	25	15.73	15.67	15.76	17	0
10	QPSK	1	49	15.76	15.78	15.73		
10	QPSK	25	0	15.55	15.75	15.74		
10	QPSK	25	12	15.72	15.64	15.66	17	0
10	QPSK	25	25	15.68	15.60	15.64		
10	QPSK	50	0	15.48	15.59	15.38		
10	16QAM	1	0	15.53	15.43	15.59		
10	16QAM	1	25	15.64	15.60	15.56	17	0
10	16QAM	1	49	15.34	15.32	15.37		
10	16QAM	25	0	15.49	15.35	15.43		
10	16QAM	25	12	15.37	15.33	15.29	17	0
10	16QAM	25	25	15.56	15.44	15.51		
10	16QAM	50	0	15.29	15.39	15.39		
10	64QAM	1	0	15.54	15.43	15.35		
10	64QAM	1	25	15.51	15.34	15.48	17	0
10	64QAM	1	49	15.53	15.33	15.53		
10	64QAM	25	0	15.27	15.40	15.37		
10	64QAM	25	12	15.63	15.46	15.29	17	0
10	64QAM	25	25	15.41	15.26	15.52		
10	64QAM	50	0	15.34	15.27	15.42		
10	256QAM	1	0	15.39	15.36	15.34		
10	256QAM	1	25	15.54	15.47	15.44	17	0
10	256QAM	1	49	15.55	15.25	15.48		
10	256QAM	25	0	15.49	15.31	15.37		
10	256QAM	25	12	15.41	15.27	15.43	17	0
10	256QAM	25	25	15.43	15.26	15.39		
10	256QAM	50	0	15.43	15.41	15.34		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	15.66	15.85	15.78		
5	QPSK	1	12	15.78	15.69	15.85	17	0
5	QPSK	1	24	15.80	15.78	15.79		
5	QPSK	12	0	15.57	15.75	15.74		
5	QPSK	12	7	15.75	15.55	15.70	17	0
5	QPSK	12	13	15.75	15.64	15.72		
5	QPSK	25	0	15.51	15.53	15.39		
5	16QAM	1	0	15.46	15.44	15.59		
5	16QAM	1	12	15.59	15.56	15.53	17	0
5	16QAM	1	24	15.37	15.26	15.37		
5	16QAM	12	0	15.49	15.37	15.50		
5	16QAM	12	7	15.33	15.34	15.30	17	0
5	16QAM	12	13	15.52	15.46	15.57		
5	16QAM	25	0	15.35	15.38	15.42		
5	64QAM	1	0	15.49	15.40	15.33		
5	64QAM	1	12	15.43	15.27	15.56	17	0
5	64QAM	1	24	15.53	15.36	15.49		
5	64QAM	12	0	15.34	15.33	15.48		
5	64QAM	12	7	15.58	15.44	15.40	17	0
5	64QAM	12	13	15.33	15.28	15.45		
5	64QAM	25	0	15.39	15.32	15.46		
5	256QAM	1	0	15.32	15.35	15.43		
5	256QAM	1	12	15.46	15.47	15.40	17	0
5	256QAM	1	24	15.44	15.30	15.48		
5	256QAM	12	0	15.56	15.32	15.35		
5	256QAM	12	7	15.46	15.31	15.38	17	0
5	256QAM	12	13	15.44	15.23	15.41		
5	256QAM	25	0	15.33	15.41	15.37		

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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	15.77	15.74	15.93	15.76	15.72		
20	QPSK	1	49	15.78	15.76	15.82	15.75	15.73	17	0
20	QPSK	1	99	15.86	15.74	15.90	15.70	15.76		
20	QPSK	50	0	15.74	15.78	15.85	15.78	15.68		
20	QPSK	50	24	15.83	15.69	15.83	15.77	15.68	17	0
20	QPSK	50	50	15.79	15.68	15.89	15.78	15.70		
20	QPSK	100	0	15.84	15.75	15.84	15.75	15.71		
20	16QAM	1	0	15.75	15.72	15.82	15.76	15.74		
20	16QAM	1	49	15.85	15.75	15.90	15.78	15.75	17	0
20	16QAM	1	99	15.78	15.75	15.90	15.79	15.78		
20	16QAM	50	0	15.79	15.77	15.91	15.76	15.68		
20	16QAM	50	24	15.79	15.67	15.81	15.74	15.79	17	0
20	16QAM	50	50	15.79	15.72	15.81	15.78	15.69		
20	16QAM	100	0	15.84	15.69	15.81	15.78	15.79		
20	64QAM	1	0	15.77	15.67	15.85	15.78	15.76		
20	64QAM	1	49	15.79	15.73	15.87	15.74	15.75	17	0
20	64QAM	1	99	15.74	15.75	15.81	15.70	15.73		
20	64QAM	50	0	15.82	15.69	15.89	15.74	15.74		
20	64QAM	50	24	15.78	15.70	15.83	15.73	15.75	17	0
20	64QAM	50	50	15.80	15.70	15.81	15.78	15.69		
20	64QAM	100	0	15.85	15.78	15.87	15.79	15.68		
20	256QAM	1	0	15.83	15.75	15.86	15.69	15.72		
20	256QAM	1	49	15.74	15.72	15.88	15.73	15.77	17	0
20	256QAM	1	99	15.85	15.72	15.81	15.78	15.69		
20	256QAM	50	0	15.76	15.76	15.89	15.72	15.69		
20	256QAM	50	24	15.86	15.68	15.84	15.74	15.70	17	0
20	256QAM	50	50	15.80	15.76	15.81	15.72	15.74		
20	256QAM	100	0	15.76	15.78	15.87	15.78	15.71		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	15.68	15.61	15.75	15.65	15.64		
15	QPSK	1	37	15.70	15.65	15.79	15.64	15.64	17.00	0
15	QPSK	1	74	15.71	15.62	15.76	15.65	15.61		
15	QPSK	36	0	15.71	15.65	15.76	15.63	15.65		
15	QPSK	36	20	15.70	15.64	15.76	15.65	15.65	17	0
15	QPSK	36	39	15.68	15.62	15.78	15.63	15.61		
15	QPSK	75	0	15.73	15.64	15.76	15.62	15.61		
15	16QAM	1	0	15.69	15.60	15.77	15.63	15.66		
15	16QAM	1	37	15.70	15.66	15.73	15.63	15.64	17	0
15	16QAM	1	74	15.70	15.63	15.77	15.61	15.60		
15	16QAM	36	0	15.69	15.64	15.75	15.62	15.61		
15	16QAM	36	20	15.71	15.62	15.78	15.64	15.63	17	0
15	16QAM	36	39	15.70	15.64	15.78	15.63	15.63		
15	16QAM	75	0	15.70	15.60	15.77	15.61	15.63		
15	64QAM	1	0	15.73	15.65	15.74	15.65	15.64		
15	64QAM	1	37	15.70	15.66	15.75	15.62	15.61	17	0
15	64QAM	1	74	15.69	15.65	15.74	15.60	15.60		
15	64QAM	36	0	15.67	15.65	15.73	15.64	15.65		
15	64QAM	36	20	15.69	15.64	15.75	15.62	15.62	17	0
15	64QAM	36	39	15.71	15.63	15.79	15.66	15.65		
15	64QAM	75	0	15.72	15.63	15.77	15.62	15.63		
15	256QAM	1	0	15.69	15.62	15.74	15.65	15.62		
15	256QAM	1	37	15.72	15.61	15.77	15.63	15.61	17	0
15	256QAM	1	74	15.69	15.61	15.73	15.65	15.62		
15	256QAM	36	0	15.70	15.61	15.76	15.62	15.62		
15	256QAM	36	20	15.72	15.60	15.75	15.62	15.65	17	0
15	256QAM	36	39	15.71	15.63	15.79	15.60	15.62		
15	256QAM	75	0	15.72	15.60	15.76	15.62	15.64		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.73	15.64	15.77	15.66	15.61		
10	QPSK	1	25	15.70	15.64	15.78	15.64	15.64	17.00	0
10	QPSK	1	49	15.70	15.65	15.74	15.65	15.64		
10	QPSK	25	0	15.68	15.63	15.74	15.64	15.63		
10	QPSK	25	12	15.67	15.62	15.79	15.62	15.60	17	0
10	QPSK	25	25	15.73	15.65	15.75	15.65	15.64		
10	QPSK	50	0	15.68	15.64	15.78	15.64	15.62		
10	16QAM	1	0	15.69	15.64	15.74	15.65	15.65		
10	16QAM	1	25	15.68	15.64	15.77	15.64	15.60	17	0
10	16QAM	1	49	15.71	15.64	15.78	15.61	15.63		
10	16QAM	25	0	15.70	15.65	15.75	15.65	15.63		
10	16QAM	25	12	15.71	15.63	15.73	15.65	15.65	17	0
10	16QAM	25	25	15.72	15.63	15.76	15.63	15.63		
10	16QAM	50	0	15.68	15.62	15.78	15.65	15.65		
10	64QAM	1	0	15.71	15.62	15.77	15.63	15.64		
10	64QAM	1	25	15.70	15.66	15.74	15.63	15.60	17	0
10	64QAM	1	49	15.73	15.66	15.77	15.65	15.60		
10	64QAM	25	0	15.70	15.63	15.75	15.61	15.65		
10	64QAM	25	12	15.70	15.63	15.77	15.65	15.62	17	0
10	64QAM	25	25	15.68	15.60	15.78	15.62	15.62		
10	64QAM	50	0	15.73	15.62	15.75	15.63	15.65		
10	256QAM	1	0	15.69	15.62	15.77	15.62	15.61		
10	256QAM	1	25	15.68	15.65	15.74	15.63	15.64	17	0
10	256QAM	1	49	15.69	15.65	15.78	15.60	15.64		
10	256QAM	25	0	15.72	15.60	15.74	15.62	15.62		
10	256QAM	25	12	15.68	15.61	15.76	15.66	15.61	17	0
10	256QAM	25	25	15.67	15.62	15.78	15.62	15.62		
10	256QAM	50	0	15.72	15.63	15.78	15.63	15.62		
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	15.71	15.65	15.74	15.61	15.61		
5	QPSK	1	12	15.72	15.65	15.79	15.65	15.66	17.00	0
5	QPSK	1	24	15.67	15.62	15.76	15.63	15.65		
5	QPSK	12	0	15.67	15.65	15.76	15.63	15.62		
5	QPSK	12	7	15.73	15.64	15.78	15.64	15.62	17	0
5	QPSK	12	13	15.70	15.63	15.77	15.62	15.63		
5	QPSK	25	0	15.68	15.63	15.75	15.63	15.64		
5	16QAM	1	0	15.69	15.62	15.77	15.65	15.62		
5	16QAM	1	12	15.67	15.64	15.76	15.63	15.60	17	0
5	16QAM	1	24	15.72	15.61	15.75	15.61	15.60		
5	16QAM	12	0	15.68	15.64	15.74	15.61	15.66		
5	16QAM	12	7	15.69	15.66	15.76	15.65	15.63	17	0
5	16QAM	12	13	15.67	15.63	15.74	15.63	15.61		
5	16QAM	25	0	15.73	15.63	15.77	15.62	15.66		
5	64QAM	1	0	15.72	15.60	15.76	15.66	15.63		
5	64QAM	1	12	15.67	15.63	15.73	15.61	15.60	17	0
5	64QAM	1	24	15.71	15.63	15.74	15.64	15.64		
5	64QAM	12	0	15.71	15.61	15.75	15.61	15.61		
5	64QAM	12	7	15.70	15.60	15.73	15.63	15.62	17	0
5	64QAM	12	13	15.72	15.62	15.75	15.61	15.62		
5	64QAM	25	0	15.68	15.64	15.79	15.65	15.64		
5	256QAM	1	0	15.71	15.63	15.75	15.60	15.63		
5	256QAM	1	12	15.68	15.65	15.78	15.62	15.64	17	0
5	256QAM	1	24	15.68	15.61	15.78	15.62	15.61		
5	256QAM	12	0	15.71	15.64	15.73	15.64	15.64		
5	256QAM	12	7	15.73	15.65	15.75	15.61	15.61	17	0
5	256QAM	12	13	15.70	15.65	15.75	15.65	15.66		
5	256QAM	25	0	15.69	15.65	15.76	15.60	15.65		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.84	13.97	13.92	14.5	0
20	QPSK	1	49	13.85	13.91	13.89		
20	QPSK	1	99	13.85	13.92	13.79		
20	QPSK	50	0	13.68	13.88	13.89	14.5	0
20	QPSK	50	24	13.86	13.77	13.80		
20	QPSK	50	50	13.74	13.72	13.79		
20	QPSK	100	0	13.50	13.68	13.52		
20	16QAM	1	0	13.62	13.57	13.65	14.5	0
20	16QAM	1	49	13.80	13.65	13.61		
20	16QAM	1	99	13.46	13.32	13.51		
20	16QAM	50	0	13.55	13.41	13.59	14.5	0
20	16QAM	50	24	13.45	13.41	13.41		
20	16QAM	50	50	13.57	13.58	13.52		
20	16QAM	100	0	13.44	13.44	13.48		
20	64QAM	1	0	13.64	13.59	13.34	14.5	0
20	64QAM	1	49	13.61	13.47	13.56		
20	64QAM	1	99	13.63	13.45	13.51		
20	64QAM	50	0	13.38	13.43	13.45	14.5	0
20	64QAM	50	24	13.58	13.54	13.48		
20	64QAM	50	50	13.47	13.49	13.52		
20	64QAM	100	0	13.48	13.36	13.52		
20	256QAM	1	0	13.41	13.49	13.53	14.5	0
20	256QAM	1	49	13.56	13.55	13.54		
20	256QAM	1	99	13.53	13.38	13.52		
20	256QAM	50	0	13.67	13.39	13.55	14.5	0
20	256QAM	50	24	13.55	13.47	13.58		
20	256QAM	50	50	13.48	13.31	13.47		
20	256QAM	100	0	13.49	13.47	13.50		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.73	13.84	13.84	14.5	0
15	QPSK	1	37	13.72	13.76	13.80		
15	QPSK	1	74	13.70	13.80	13.73		
15	QPSK	36	0	13.55	13.82	13.80	14.5	0
15	QPSK	36	20	13.78	13.64	13.66		
15	QPSK	36	39	13.62	13.66	13.70		
15	QPSK	75	0	13.37	13.62	13.47		
15	16QAM	1	0	13.52	13.45	13.58	14.5	0
15	16QAM	1	37	13.70	13.54	13.51		
15	16QAM	1	74	13.40	13.27	13.37		
15	16QAM	36	0	13.40	13.33	13.48	14.5	0
15	16QAM	36	20	13.39	13.27	13.26		
15	16QAM	36	39	13.53	13.51	13.41		
15	16QAM	75	0	13.29	13.30	13.34		
15	64QAM	1	0	13.50	13.43	13.30	14.5	0
15	64QAM	1	37	13.57	13.41	13.43		
15	64QAM	1	74	13.52	13.33	13.37		
15	64QAM	36	0	13.24	13.33	13.30	14.5	0
15	64QAM	36	20	13.51	13.46	13.41		
15	64QAM	36	39	13.31	13.42	13.47		
15	64QAM	75	0	13.34	13.31	13.42		
15	256QAM	1	0	13.33	13.37	13.43	14.5	0
15	256QAM	1	37	13.43	13.49	13.49		
15	256QAM	1	74	13.48	13.32	13.38		
15	256QAM	36	0	13.62	13.24	13.40	14.5	0
15	256QAM	36	20	13.41	13.31	13.46		
15	256QAM	36	39	13.36	13.24	13.31		
15	256QAM	75	0	13.35	13.38	13.36		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.79	13.83	13.80	14.5	0
10	QPSK	1	25	13.79	13.76	13.78		
10	QPSK	1	49	13.77	13.87	13.67		
10	QPSK	25	0	13.64	13.74	13.77	14.5	0
10	QPSK	25	12	13.74	13.65	13.66		
10	QPSK	25	25	13.69	13.62	13.68		
10	QPSK	50	0	13.41	13.56	13.37		
10	16QAM	1	0	13.57	13.41	13.53	14.5	0
10	16QAM	1	25	13.71	13.49	13.54		
10	16QAM	1	49	13.35	13.23	13.35		
10	16QAM	25	0	13.48	13.27	13.51	14.5	0
10	16QAM	25	12	13.36	13.32	13.33		
10	16QAM	25	25	13.52	13.44	13.44		
10	16QAM	50	0	13.32	13.36	13.41		
10	64QAM	1	0	13.58	13.51	13.28	14.5	0
10	64QAM	1	25	13.46	13.32	13.43		
10	64QAM	1	49	13.50	13.37	13.41		
10	64QAM	25	0	13.27	13.32	13.36	14.5	0
10	64QAM	25	12	13.50	13.46	13.39		
10	64QAM	25	25	13.34	13.42	13.44		
10	64QAM	50	0	13.40	13.22	13.46		
10	256QAM	1	0	13.31	13.45	13.38	14.5	0
10	256QAM	1	25	13.44	13.39	13.47		
10	256QAM	1	49	13.40	13.27	13.44		
10	256QAM	25	0	13.57	13.28	13.42	14.5	0
10	256QAM	25	12	13.45	13.42	13.43		
10	256QAM	25	25	13.36	13.24	13.33		
10	256QAM	50	0	13.38	13.32	13.46		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.79	13.81	13.81	14.5	0
5	QPSK	1	12	13.81	13.81	13.82		
5	QPSK	1	24	13.80	13.82	13.71		
5	QPSK	12	0	13.58	13.83	13.83	14.5	0
5	QPSK	12	7	13.77	13.67	13.68		
5	QPSK	12	13	13.67	13.63	13.63		
5	QPSK	25	0	13.38	13.54	13.42		
5	16QAM	1	0	13.47	13.46	13.59	14.5	0
5	16QAM	1	12	13.71	13.56	13.52		
5	16QAM	1	24	13.40	13.28	13.41		
5	16QAM	12	0	13.45	13.29	13.47	14.5	0
5	16QAM	12	7	13.32	13.34	13.28		
5	16QAM	12	13	13.45	13.53	13.42		
5	16QAM	25	0	13.35	13.34	13.32		
5	64QAM	1	0	13.58	13.46	13.19	14.5	0
5	64QAM	1	12	13.54	13.41	13.49		
5	64QAM	1	24	13.55	13.32	13.46		
5	64QAM	12	0	13.31	13.38	13.38	14.5	0
5	64QAM	12	7	13.49	13.41	13.40		
5	64QAM	12	13	13.33	13.44	13.36		
5	64QAM	25	0	13.40	13.30	13.41		
5	256QAM	1	0	13.35	13.42	13.45	14.5	0
5	256QAM	1	12	13.49	13.40	13.50		
5	256QAM	1	24	13.45	13.30	13.48		
5	256QAM	12	0	13.62	13.27	13.42	14.5	0
5	256QAM	12	7	13.47	13.34	13.52		
5	256QAM	12	13	13.38	13.24	13.42		
5	256QAM	25	0	13.43	13.43	13.36		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	14.73	14.95	14.85	15.5	0
20	QPSK	1	49	14.88	14.79	14.94		
20	QPSK	1	99	14.84	14.88	14.76		
20	QPSK	50	0	14.64	14.83	14.83	15.5	0
20	QPSK	50	24	14.82	14.70	14.78		
20	QPSK	50	50	14.72	14.75	14.68		
20	QPSK	100	0	14.53	14.67	14.50		
20	16QAM	1	0	14.58	14.52	14.63	15.5	0
20	16QAM	1	49	14.75	14.59	14.62		
20	16QAM	1	99	14.34	14.35	14.44		
20	16QAM	50	0	14.53	14.33	14.51	15.5	0
20	16QAM	50	24	14.36	14.34	14.41		
20	16QAM	50	50	14.54	14.59	14.49		
20	16QAM	100	0	14.36	14.37	14.52		
20	64QAM	1	0	14.59	14.52	14.38	15.5	0
20	64QAM	1	49	14.60	14.36	14.55		
20	64QAM	1	99	14.66	14.36	14.44		
20	64QAM	50	0	14.33	14.37	14.44	15.5	0
20	64QAM	50	24	14.55	14.44	14.46		
20	64QAM	50	50	14.41	14.37	14.52		
20	64QAM	100	0	14.42	14.29	14.53		
20	256QAM	1	0	14.42	14.40	14.49	15.5	0
20	256QAM	1	49	14.53	14.50	14.44		
20	256QAM	1	99	14.56	14.33	14.56		
20	256QAM	50	0	14.59	14.36	14.47	15.5	0
20	256QAM	50	24	14.44	14.32	14.49		
20	256QAM	50	50	14.44	14.34	14.43		
20	256QAM	100	0	14.44	14.51	14.47		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	14.69	14.86	14.71	15.5	0
15	QPSK	1	37	14.83	14.70	14.82		
15	QPSK	1	74	14.76	14.83	14.64		
15	QPSK	36	0	14.51	14.76	14.70	15.5	0
15	QPSK	36	20	14.72	14.55	14.64		
15	QPSK	36	39	14.57	14.63	14.56		
15	QPSK	75	0	14.40	14.59	14.42		
15	16QAM	1	0	14.52	14.41	14.50	15.5	0
15	16QAM	1	37	14.65	14.54	14.57		
15	16QAM	1	74	14.21	14.22	14.30		
15	16QAM	36	0	14.45	14.18	14.35	15.5	0
15	16QAM	36	20	14.22	14.26	14.26		
15	16QAM	36	39	14.39	14.48	14.34		
15	16QAM	75	0	14.24	14.27	14.48		
15	64QAM	1	0	14.48	14.47	14.26	15.5	0
15	64QAM	1	37	14.45	14.29	14.41		
15	64QAM	1	74	14.61	14.23	14.37		
15	64QAM	36	0	14.27	14.21	14.37	15.5	0
15	64QAM	36	20	14.42	14.38	14.31		
15	64QAM	36	39	14.34	14.21	14.46		
15	64QAM	75	0	14.27	14.21	14.48		
15	256QAM	1	0	14.35	14.35	14.37	15.5	0
15	256QAM	1	37	14.39	14.34	14.33		
15	256QAM	1	74	14.46	14.26	14.46		
15	256QAM	36	0	14.51	14.22	14.41	15.5	0
15	256QAM	36	20	14.37	14.27	14.39		
15	256QAM	36	39	14.30	14.23	14.28		
15	256QAM	75	0	14.37	14.36	14.40		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	14.65	14.88	14.70	15.5	0
10	QPSK	1	25	14.74	14.75	14.81		
10	QPSK	1	49	14.73	14.76	14.68		
10	QPSK	25	0	14.52	14.70	14.74	15.5	0
10	QPSK	25	12	14.70	14.62	14.63		
10	QPSK	25	25	14.67	14.63	14.54		
10	QPSK	50	0	14.38	14.59	14.38		
10	16QAM	1	0	14.54	14.41	14.48	15.5	0
10	16QAM	1	25	14.68	14.50	14.52		
10	16QAM	1	49	14.24	14.23	14.31		
10	16QAM	25	0	14.40	14.18	14.39	15.5	0
10	16QAM	25	12	14.21	14.26	14.36		
10	16QAM	25	25	14.45	14.52	14.35		
10	16QAM	50	0	14.24	14.26	14.44		
10	64QAM	1	0	14.51	14.41	14.28	15.5	0
10	64QAM	1	25	14.46	14.22	14.39		
10	64QAM	1	49	14.53	14.23	14.39		
10	64QAM	25	0	14.17	14.24	14.31	15.5	0
10	64QAM	25	12	14.46	14.38	14.35		
10	64QAM	25	25	14.34	14.28	14.46		
10	64QAM	50	0	14.36	14.18	14.39		
10	256QAM	1	0	14.34	14.28	14.43	15.5	0
10	256QAM	1	25	14.47	14.43	14.29		
10	256QAM	1	49	14.46	14.27	14.48		
10	256QAM	25	0	14.48	14.26	14.41	15.5	0
10	256QAM	25	12	14.29	14.22	14.44		
10	256QAM	25	25	14.38	14.29	14.36		
10	256QAM	50	0	14.34	14.36	14.34		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	14.62	14.81	14.76	15.5	0
5	QPSK	1	12	14.82	14.74	14.81		
5	QPSK	1	24	14.70	14.72	14.72		
5	QPSK	12	0	14.53	14.71	14.77	15.5	0
5	QPSK	12	7	14.69	14.61	14.66		
5	QPSK	12	13	14.66	14.60	14.56		
5	QPSK	25	0	14.48	14.59	14.45		
5	16QAM	1	0	14.49	14.40	14.51	15.5	0
5	16QAM	1	12	14.68	14.48	14.56		
5	16QAM	1	24	14.29	14.30	14.29		
5	16QAM	12	0	14.49	14.21	14.36	15.5	0
5	16QAM	12	7	14.27	14.30	14.29		
5	16QAM	12	13	14.48	14.46	14.39		
5	16QAM	25	0	14.29	14.23	14.47		
5	64QAM	1	0	14.47	14.39	14.27	15.5	0
5	64QAM	1	12	14.44	14.22	14.49		
5	64QAM	1	24	14.56	14.30	14.35		
5	64QAM	12	0	14.19	14.26	14.32	15.5	0
5	64QAM	12	7	14.40	14.37	14.37		
5	64QAM	12	13	14.26	14.23	14.45		
5	64QAM	25	0	14.31	14.16	14.41		
5	256QAM	1	0	14.33	14.27	14.44	15.5	0
5	256QAM	1	12	14.47	14.39	14.34		
5	256QAM	1	24	14.49	14.26	14.51		
5	256QAM	12	0	14.53	14.21	14.43	15.5	0
5	256QAM	12	7	14.33	14.19	14.38		
5	256QAM	12	13	14.32	14.23	14.28		
5	256QAM	25	0	14.30	14.44	14.43		

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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	14.73	14.72	14.89	14.74	14.81	15.5	0
20	QPSK	1	49	14.69	14.76	14.84	14.83	14.82		
20	QPSK	1	99	14.74	14.78	14.81	14.72	14.78		
20	QPSK	50	0	14.61	14.61	14.77	14.69	14.72	15.5	0
20	QPSK	50	24	14.59	14.66	14.63	14.65	14.66		
20	QPSK	50	50	14.58	14.72	14.64	14.61	14.68		
20	QPSK	100	0	14.40	14.48	14.54	14.40	14.38		
20	16QAM	1	0	14.48	14.61	14.49	14.56	14.63	15.5	0
20	16QAM	1	49	14.66	14.66	14.55	14.51	14.54		
20	16QAM	1	99	14.28	14.31	14.30	14.38	14.39		
20	16QAM	50	0	14.53	14.54	14.30	14.54	14.43	15.5	0
20	16QAM	50	24	14.39	14.28	14.28	14.37	14.38		
20	16QAM	50	50	14.48	14.45	14.48	14.43	14.46		
20	16QAM	100	0	14.37	14.29	14.32	14.42	14.40		
20	64QAM	1	0	14.43	14.45	14.49	14.34	14.22	15.5	0
20	64QAM	1	49	14.44	14.55	14.38	14.48	14.42		
20	64QAM	1	99	14.49	14.50	14.37	14.42	14.40		
20	64QAM	50	0	14.34	14.25	14.30	14.41	14.44	15.5	0
20	64QAM	50	24	14.48	14.56	14.46	14.36	14.41		
20	64QAM	50	50	14.36	14.30	14.32	14.42	14.48		
20	64QAM	100	0	14.39	14.46	14.33	14.41	14.52		
20	256QAM	1	0	14.29	14.30	14.43	14.41	14.37	15.5	0
20	256QAM	1	49	14.38	14.46	14.44	14.44	14.38		
20	256QAM	1	99	14.49	14.44	14.23	14.51	14.43		
20	256QAM	50	0	14.59	14.56	14.28	14.43	14.43	15.5	0
20	256QAM	50	24	14.46	14.41	14.27	14.41	14.48		
20	256QAM	50	50	14.42	14.41	14.26	14.41	14.39		
20	256QAM	100	0	14.39	14.48	14.45	14.39	14.47		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	14.61	14.63	14.71	14.69	14.76	15.50	0
15	QPSK	1	37	14.55	14.66	14.73	14.70	14.85		
15	QPSK	1	74	14.60	14.62	14.71	14.59	14.65		
15	QPSK	36	0	14.47	14.52	14.66	14.55	14.67	15.5	0
15	QPSK	36	20	14.47	14.56	14.55	14.58	14.53		
15	QPSK	36	39	14.43	14.66	14.55	14.50	14.56		
15	QPSK	75	0	14.26	14.39	14.39	14.34	14.23		
15	16QAM	1	0	14.35	14.52	14.43	14.41	14.54	15.5	0
15	16QAM	1	37	14.60	14.51	14.51	14.38	14.48		
15	16QAM	1	74	14.21	14.22	14.21	14.27	14.24		
15	16QAM	36	0	14.46	14.45	14.16	14.42	14.32	15.5	0
15	16QAM	36	20	14.30	14.23	14.17	14.32	14.24		
15	16QAM	36	39	14.35	14.32	14.41	14.29	14.30		
15	16QAM	75	0	14.28	14.16	14.20	14.31	14.32		
15	64QAM	1	0	14.34	14.41	14.41	14.19	14.16	15.5	0
15	64QAM	1	37	14.33	14.44	14.32	14.41	14.30		
15	64QAM	1	74	14.34	14.42	14.32	14.29	14.25		
15	64QAM	36	0	14.29	14.18	14.20	14.32	14.34	15.5	0
15	64QAM	36	20	14.42	14.43	14.39	14.23	14.32		
15	64QAM	36	39	14.25	14.17	14.21	14.32	14.37		
15	64QAM	75	0	14.30	14.39	14.18	14.26	14.42		
15	256QAM	1	0	14.21	14.23	14.34	14.33	14.21	15.5	0
15	256QAM	1	37	14.31	14.40	14.34	14.28	14.32		
15	256QAM	1	74	14.40	14.35	14.14	14.46	14.35		
15	256QAM	36	0	14.55	14.44	14.19	14.33	14.36	15.5	0
15	256QAM	36	20	14.33	14.31	14.14	14.33	14.38		
15	256QAM	36	39	14.30	14.27	14.17	14.30	14.24		
15	256QAM	75	0	14.29	14.40	14.32	14.33	14.32		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	14.65	14.58	14.73	14.61	14.76	15.50	0
10	QPSK	1	25	14.61	14.65	14.70	14.68	14.83		
10	QPSK	1	49	14.62	14.62	14.74	14.59	14.66		
10	QPSK	25	0	14.57	14.48	14.67	14.61	14.66	15.5	0
10	QPSK	25	12	14.43	14.52	14.51	14.53	14.53		
10	QPSK	25	25	14.47	14.56	14.56	14.48	14.57		
10	QPSK	50	0	14.34	14.38	14.40	14.34	14.28		
10	16QAM	1	0	14.36	14.51	14.43	14.41	14.59	15.5	0
10	16QAM	1	25	14.59	14.55	14.51	14.37	14.43		
10	16QAM	1	49	14.14	14.21	14.16	14.34	14.27		
10	16QAM	25	0	14.46	14.44	14.16	14.50	14.32	15.5	0
10	16QAM	25	12	14.30	14.16	14.22	14.30	14.27		
10	16QAM	25	25	14.41	14.39	14.43	14.32	14.39		
10	16QAM	50	0	14.27	14.13	14.17	14.37	14.26		
10	64QAM	1	0	14.36	14.38	14.42	14.26	14.12	15.5	0
10	64QAM	1	25	14.34	14.43	14.29	14.38	14.32		
10	64QAM	1	49	14.40	14.42	14.25	14.33	14.26		
10	64QAM	25	0	14.20	14.19	14.18	14.30	14.30	15.5	0
10	64QAM	25	12	14.38	14.52	14.38	14.24	14.32		
10	64QAM	25	25	14.26	14.19	14.17	14.35	14.32		
10	64QAM	50	0	14.24	14.33	14.27	14.30	14.40		
10	256QAM	1	0	14.18	14.25	14.28	14.31	14.31	15.5	0
10	256QAM	1	25	14.28	14.37	14.32	14.30	14.24		
10	256QAM	1	49	14.34	14.39	14.08	14.39	14.36		
10	256QAM	25	0	14.45	14.41	14.16	14.31	14.38	15.5	0
10	256QAM	25	12	14.32	14.33	14.17	14.32	14.36		
10	256QAM	25	25	14.35	14.31	14.20	14.28	14.29		
10	256QAM	50	0	14.31	14.38	14.35	14.35	14.40		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	14.66	14.61	14.71	14.64	14.70	15.50	0
5	QPSK	1	12	14.60	14.62	14.79	14.69	14.85		
5	QPSK	1	24	14.63	14.64	14.71	14.60	14.73		
5	QPSK	12	0	14.54	14.54	14.72	14.60	14.68	15.5	0
5	QPSK	12	7	14.46	14.55	14.59	14.56	14.60		
5	QPSK	12	13	14.53	14.60	14.50	14.55	14.60		
5	QPSK	25	0	14.36	14.35	14.48	14.31	14.24		
5	16QAM	1	0	14.37	14.55	14.40	14.45	14.53	15.5	0
5	16QAM	1	12	14.54	14.60	14.50	14.43	14.49		
5	16QAM	1	24	14.13	14.24	14.23	14.24	14.33		
5	16QAM	12	0	14.40	14.39	14.18	14.50	14.36	15.5	0
5	16QAM	12	7	14.28	14.18	14.19	14.26	14.26		
5	16QAM	12	13	14.34	14.31	14.33	14.35	14.41		
5	16QAM	25	0	14.32	14.22	14.23	14.37	14.36		
5	64QAM	1	0	14.35	14.39	14.42	14.22	14.10	15.5	0
5	64QAM	1	12	14.38	14.40	14.34	14.42	14.31		
5	64QAM	1	24	14.34	14.45	14.25	14.32	14.31		
5	64QAM	12	0	14.20	14.14	14.22	14.28	14.36	15.5	0
5	64QAM	12	7	14.35	14.47	14.34	14.32	14.37		
5	64QAM	12	13	14.22	14.21	14.21	14.30	14.39		
5	64QAM	25	0	14.30	14.34	14.24	14.31	14.43		
5	256QAM	1	0	14.15	14.23	14.29	14.29	14.21	15.5	0
5	256QAM	1	12	14.34	14.36	14.31	14.30	14.22		
5	256QAM	1	24	14.34	14.31	14.12	14.37	14.33		
5	256QAM	12	0	14.47	14.43	14.22	14.33	14.37	15.5	0
5	256QAM	12	7	14.34	14.29	14.14	14.34	14.33		
5	256QAM	12	13	14.36	14.25	14.13	14.36	14.24		
5	256QAM	25	0	14.30	14.40	14.29	14.29	14.33		

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BW [MHz]	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	17.79	17.90	17.82	19	0
20	QPSK	1	49	17.73	17.79	17.81		
20	QPSK	1	99	17.76	17.76	17.81		
20	QPSK	50	0	17.55	17.82	17.80	19	0
20	QPSK	50	24	17.73	17.65	17.70		
20	QPSK	50	50	17.71	17.70	17.68		
20	QPSK	100	0	17.42	17.67	17.48		
20	16QAM	1	0	17.58	17.49	17.56	19	0
20	16QAM	1	49	17.62	17.59	17.61		
20	16QAM	1	99	17.35	17.22	17.47		
20	16QAM	50	0	17.52	17.29	17.47	19	0
20	16QAM	50	24	17.35	17.35	17.44		
20	16QAM	50	50	17.48	17.48	17.46		
20	16QAM	100	0	17.35	17.34	17.41		
20	64QAM	1	0	17.54	17.54	17.37	19	0
20	64QAM	1	49	17.48	17.34	17.58		
20	64QAM	1	99	17.52	17.36	17.45		
20	64QAM	50	0	17.29	17.40	17.46	19	0
20	64QAM	50	24	17.53	17.51	17.41		
20	64QAM	50	50	17.40	17.42	17.48		
20	64QAM	100	0	17.43	17.32	17.43		
20	256QAM	1	0	17.34	17.42	17.49	19	0
20	256QAM	1	49	17.45	17.45	17.45		
20	256QAM	1	99	17.55	17.30	17.51		
20	256QAM	50	0	17.59	17.35	17.39	19	0
20	256QAM	50	24	17.44	17.31	17.49		
20	256QAM	50	50	17.40	17.32	17.45		
20	256QAM	100	0	17.52	17.44	17.49		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.69	17.78	17.69	19	0
15	QPSK	1	37	17.62	17.63	17.76		
15	QPSK	1	74	17.64	17.64	17.70		
15	QPSK	36	0	17.50	17.75	17.75	19	0
15	QPSK	36	20	17.68	17.53	17.56		
15	QPSK	36	39	17.59	17.62	17.53		
15	QPSK	75	0	17.33	17.54	17.42		
15	16QAM	1	0	17.42	17.40	17.52	19	0
15	16QAM	1	37	17.56	17.43	17.55		
15	16QAM	1	74	17.22	17.15	17.40		
15	16QAM	36	0	17.42	17.19	17.37	19	0
15	16QAM	36	20	17.25	17.31	17.36		
15	16QAM	36	39	17.33	17.38	17.40		
15	16QAM	75	0	17.23	17.26	17.32		
15	64QAM	1	0	17.46	17.48	17.29	19	0
15	64QAM	1	37	17.33	17.22	17.52		
15	64QAM	1	74	17.48	17.27	17.34		
15	64QAM	36	0	17.14	17.27	17.35	19	0
15	64QAM	36	20	17.44	17.45	17.27		
15	64QAM	36	39	17.32	17.36	17.40		
15	64QAM	75	0	17.37	17.28	17.29		
15	256QAM	1	0	17.28	17.29	17.38	19	0
15	256QAM	1	37	17.33	17.35	17.35		
15	256QAM	1	74	17.46	17.23	17.39		
15	256QAM	36	0	17.49	17.30	17.25	19	0
15	256QAM	36	20	17.36	17.19	17.44		
15	256QAM	36	39	17.35	17.22	17.37		
15	256QAM	75	0	17.37	17.39	17.37		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.66	17.76	17.76	19	0
10	QPSK	1	25	17.68	17.67	17.72		
10	QPSK	1	49	17.62	17.66	17.69		
10	QPSK	25	0	17.48	17.78	17.68	19	0
10	QPSK	25	12	17.61	17.56	17.65		
10	QPSK	25	25	17.65	17.63	17.61		
10	QPSK	50	0	17.31	17.60	17.37		
10	16QAM	1	0	17.46	17.43	17.41	19	0
10	16QAM	1	25	17.48	17.45	17.49		
10	16QAM	1	49	17.21	17.12	17.34		
10	16QAM	25	0	17.44	17.13	17.36	19	0
10	16QAM	25	12	17.31	17.24	17.30		
10	16QAM	25	25	17.41	17.36	17.36		
10	16QAM	50	0	17.21	17.30	17.32		
10	64QAM	1	0	17.44	17.41	17.27	19	0
10	64QAM	1	25	17.44	17.27	17.49		
10	64QAM	1	49	17.39	17.30	17.31		
10	64QAM	25	0	17.25	17.27	17.40	19	0
10	64QAM	25	12	17.41	17.45	17.36		
10	64QAM	25	25	17.27	17.35	17.37		
10	64QAM	50	0	17.37	17.25	17.31		
10	256QAM	1	0	17.25	17.34	17.40	19	0
10	256QAM	1	25	17.31	17.41	17.31		
10	256QAM	1	49	17.47	17.19	17.36		
10	256QAM	25	0	17.45	17.26	17.33	19	0
10	256QAM	25	12	17.28	17.19	17.33		
10	256QAM	25	25	17.34	17.18	17.37		
10	256QAM	50	0	17.42	17.30	17.39		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.74	17.82	17.70	19	0
5	QPSK	1	12	17.60	17.69	17.66		
5	QPSK	1	24	17.70	17.66	17.68		
5	QPSK	12	0	17.48	17.71	17.74	19	0
5	QPSK	12	7	17.64	17.56	17.62		
5	QPSK	12	13	17.60	17.61	17.62		
5	QPSK	25	0	17.35	17.57	17.40		
5	16QAM	1	0	17.43	17.33	17.48	19	0
5	16QAM	1	12	17.47	17.55	17.54		
5	16QAM	1	24	17.21	17.06	17.32		
5	16QAM	12	0	17.38	17.21	17.34	19	0
5	16QAM	12	7	17.21	17.25	17.40		
5	16QAM	12	13	17.38	17.34	17.33		
5	16QAM	25	0	17.26	17.20	17.30		
5	64QAM	1	0	17.42	17.48	17.25	19	0
5	64QAM	1	12	17.42	17.24	17.53		
5	64QAM	1	24	17.41	17.30	17.29		
5	64QAM	12	0	17.25	17.32	17.41	19	0
5	64QAM	12	7	17.46	17.40	17.31		
5	64QAM	12	13	17.35	17.37	17.40		
5	64QAM	25	0	17.28	17.19	17.31		
5	256QAM	1	0	17.25	17.35	17.44	19	0
5	256QAM	1	12	17.31	17.30	17.29		
5	256QAM	1	24	17.48	17.20	17.35		
5	256QAM	12	0	17.53	17.25	17.31	19	0
5	256QAM	12	7	17.30	17.21	17.36		
5	256QAM	12	13	17.31	17.27	17.37		
5	256QAM	25	0	17.47	17.29	17.33		

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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	17.66	17.63	17.74	17.65	17.67	19	0
20	QPSK	1	49	17.65	17.68	17.74	17.79	17.77		
20	QPSK	1	99	17.72	17.66	17.66	17.68	17.68		
20	QPSK	50	0	17.51	17.45	17.71	17.61	17.62	19	0
20	QPSK	50	24	17.60	17.65	17.58	17.61	17.55		
20	QPSK	50	50	17.53	17.56	17.56	17.60	17.65		
20	QPSK	100	0	17.31	17.33	17.57	17.31	17.28		
20	16QAM	1	0	17.45	17.52	17.35	17.43	17.45	19	0
20	16QAM	1	49	17.64	17.51	17.50	17.42	17.45		
20	16QAM	1	99	17.25	17.21	17.19	17.32	17.31		
20	16QAM	50	0	17.37	17.41	17.27	17.41	17.43	19	0
20	16QAM	50	24	17.23	17.28	17.24	17.26	17.29		
20	16QAM	50	50	17.37	17.39	17.35	17.34	17.35		
20	16QAM	100	0	17.27	17.27	17.26	17.40	17.28		
20	64QAM	1	0	17.40	17.46	17.37	17.22	17.16	19	0
20	64QAM	1	49	17.33	17.45	17.29	17.45	17.42		
20	64QAM	1	99	17.48	17.49	17.27	17.38	17.29		
20	64QAM	50	0	17.24	17.21	17.19	17.26	17.38	19	0
20	64QAM	50	24	17.41	17.42	17.35	17.25	17.25		
20	64QAM	50	50	17.23	17.24	17.29	17.31	17.39		
20	64QAM	100	0	17.33	17.39	17.24	17.31	17.48		
20	256QAM	1	0	17.24	17.23	17.27	17.36	17.34	19	0
20	256QAM	1	49	17.29	17.43	17.35	17.28	17.29		
20	256QAM	1	99	17.38	17.38	17.11	17.45	17.36		
20	256QAM	50	0	17.42	17.47	17.27	17.34	17.31	19	0
20	256QAM	50	24	17.29	17.30	17.23	17.37	17.47		
20	256QAM	50	50	17.33	17.40	17.18	17.29	17.24		
20	256QAM	100	0	17.36	17.39	17.37	17.35	17.35		
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	17.61	17.51	17.68	17.53	17.54	19.00	0
15	QPSK	1	37	17.50	17.54	17.65	17.71	17.69		
15	QPSK	1	74	17.66	17.58	17.60	17.57	17.59		
15	QPSK	36	0	17.47	17.32	17.63	17.55	17.49	19	0
15	QPSK	36	20	17.54	17.58	17.46	17.45	17.40		
15	QPSK	36	39	17.44	17.51	17.41	17.46	17.54		
15	QPSK	75	0	17.24	17.29	17.43	17.23	17.14		
15	16QAM	1	0	17.35	17.46	17.22	17.29	17.35	19	0
15	16QAM	1	37	17.53	17.42	17.44	17.36	17.36		
15	16QAM	1	74	17.16	17.07	17.10	17.27	17.22		
15	16QAM	36	0	17.27	17.29	17.19	17.29	17.30	19	0
15	16QAM	36	20	17.19	17.18	17.12	17.13	17.21		
15	16QAM	36	39	17.32	17.33	17.20	17.29	17.22		
15	16QAM	75	0	17.15	17.18	17.13	17.29	17.15		
15	64QAM	1	0	17.27	17.33	17.26	17.07	17.02	19	0
15	64QAM	1	37	17.28	17.39	17.14	17.40	17.37		
15	64QAM	1	74	17.35	17.40	17.14	17.22	17.21		
15	64QAM	36	0	17.14	17.05	17.07	17.15	17.25	19	0
15	64QAM	36	20	17.26	17.33	17.21	17.10	17.19		
15	64QAM	36	39	17.09	17.17	17.15	17.15	17.35		
15	64QAM	75	0	17.22	17.31	17.15	17.20	17.43		
15	256QAM	1	0	17.10	17.17	17.16	17.21	17.30	19	0
15	256QAM	1	37	17.15	17.30	17.27	17.16	17.23		
15	256QAM	1	74	17.27	17.27	17.23	17.30	17.31		
15	256QAM	36	0	17.27	17.33	17.16	17.30	17.18	19	0
15	256QAM	36	20	17.19	17.24	17.10	17.31	17.35		
15	256QAM	36	39	17.24	17.32	17.09	17.22	17.13		
15	256QAM	75	0	17.24	17.33	17.22	17.29	17.21		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.59	17.50	17.63	17.58	17.57	19.00	0
10	QPSK	1	25	17.52	17.60	17.68	17.67	17.67		
10	QPSK	1	49	17.67	17.52	17.51	17.58	17.61		
10	QPSK	25	0	17.36	17.40	17.61	17.57	17.47	19	0
10	QPSK	25	12	17.48	17.53	17.44	17.55	17.48		
10	QPSK	25	25	17.42	17.52	17.51	17.46	17.52		
10	QPSK	50	0	17.21	17.18	17.41	17.16	17.21		
10	16QAM	1	0	17.37	17.45	17.24	17.36	17.35	19	0
10	16QAM	1	25	17.48	17.35	17.36	17.36	17.40		
10	16QAM	1	49	17.18	17.13	17.07	17.19	17.20		
10	16QAM	25	0	17.22	17.31	17.17	17.26	17.38	19	0
10	16QAM	25	12	17.16	17.23	17.14	17.14	17.25		
10	16QAM	25	25	17.26	17.24	17.30	17.19	17.28		
10	16QAM	50	0	17.20	17.20	17.11	17.33	17.19		
10	64QAM	1	0	17.25	17.42	17.32	17.15	17.12	19	0
10	64QAM	1	25	17.28	17.34	17.22	17.36	17.36		
10	64QAM	1	49	17.36	17.42	17.15	17.30	17.22		
10	64QAM	25	0	17.11	17.15	17.15	17.20	17.26	19	0
10	64QAM	25	12	17.36	17.31	17.30	17.14	17.12		
10	64QAM	25	25	17.14	17.16	17.16	17.20	17.29		
10	64QAM	50	0	17.27	17.33	17.15	17.21	17.40		
10	256QAM	1	0	17.09	17.18	17.21	17.22	17.30	19	0
10	256QAM	1	25	17.20	17.29	17.25	17.13	17.21		
10	256QAM	1	49	17.32	17.25	17.03	17.38	17.31		
10	256QAM	25	0	17.38	17.37	17.22	17.26	17.26	19	0
10	256QAM	25	12	17.19	17.23	17.15	17.32	17.39		
10	256QAM	25	25	17.23	17.33	17.13	17.24	17.18		
10	256QAM	50	0	17.25	17.26	17.25	17.26	17.28		
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	17.50	17.56	17.65	17.57	17.56	19.00	0
5	QPSK	1	12	17.50	17.61	17.59	17.74	17.66		
5	QPSK	1	24	17.61	17.54	17.59	17.57	17.62		
5	QPSK	12	0	17.39	17.39	17.67	17.55	17.46	19	0
5	QPSK	12	7	17.46	17.55	17.49	17.56	17.47		
5	QPSK	12	13	17.46	17.41	17.48	17.48	17.57		
5	QPSK	25	0	17.15	17.22	17.47	17.20	17.14		
5	16QAM	1	0	17.38	17.37	17.20	17.34	17.36	19	0
5	16QAM	1	12	17.60	17.43	17.41	17.28	17.34		
5	16QAM	1	24	17.13	17.16	17.23	17.23	17.19		
5	16QAM	12	0	17.21	17.28	17.16	17.26	17.39	19	0
5	16QAM	12	7	17.09	17.13	17.18	17.10	17.22		
5	16QAM	12	13	17.27	17.34	17.30	17.28	17.22		
5	16QAM	25	0	17.22	17.21	17.10	17.35	17.14		
5	64QAM	1	0	17.32	17.39	17.32	17.14	17.08	19	0
5	64QAM	1	12	17.24	17.38	17.25	17.37	17.33		
5	64QAM	1	24	17.36	17.45	17.21	17.31	17.21		
5	64QAM	12	0	17.11	17.16	17.11	17.22	17.26	19	0
5	64QAM	12	7	17.30	17.32	17.22	17.15	17.10		
5	64QAM	12	13	17.15	17.12	17.21	17.22	17.32		
5	64QAM	25	0	17.22	17.31	17.15	17.25	17.36		
5	256QAM	1	0	17.12	17.10	17.21	17.31	17.28	19	0
5	256QAM	1	12	17.17	17.31	17.19	17.23	17.24		
5	256QAM	1	24	17.33	17.31	17.32	17.37	17.24		
5	256QAM	12	0	17.35	17.32	17.14	17.27	17.16	19	0
5	256QAM	12	7	17.18	17.20	17.10	17.33	17.35		
5	256QAM	12	13	17.28	17.32	17.05	17.14	17.17		
5	256QAM	25	0	17.27	17.31	17.29	17.20	17.23		

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BW [MHz]	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	20.66	20.85	20.73		
20	QPSK	1	49	20.70	20.71	20.77	21.5	0
20	QPSK	1	99	20.72	20.77	20.70		
20	QPSK	50	0	20.54	20.76	20.61		
20	QPSK	50	24	20.67	20.56	20.58	21.5	0
20	QPSK	50	50	20.66	20.56	20.67		
20	QPSK	100	0	20.36	20.53	20.42		
20	16QAM	1	0	20.60	20.44	20.55		
20	16QAM	1	49	20.57	20.49	20.50	21.5	0
20	16QAM	1	99	20.31	20.24	20.43		
20	16QAM	50	0	20.58	20.26	20.45		
20	16QAM	50	24	20.30	20.21	20.27	21.5	0
20	16QAM	50	50	20.44	20.39	20.43		
20	16QAM	100	0	20.29	20.31	20.34		
20	64QAM	1	0	20.47	20.44	20.24		
20	64QAM	1	49	20.44	20.29	20.41	21.5	0
20	64QAM	1	99	20.52	20.32	20.41		
20	64QAM	50	0	20.26	20.39	20.37		
20	64QAM	50	24	20.50	20.33	20.33	21.5	0
20	64QAM	50	50	20.30	20.28	20.45		
20	64QAM	100	0	20.39	20.21	20.46		
20	256QAM	1	0	19.07	19.16	19.16		
20	256QAM	1	49	18.99	19.20	19.03	20	1.5
20	256QAM	1	99	19.03	19.16	18.91		
20	256QAM	50	0	19.11	19.12	19.10		
20	256QAM	50	24	19.10	19.08	19.09	20	1.5
20	256QAM	50	50	19.07	19.23	19.11		
20	256QAM	100	0	19.09	19.07	19.01		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.60	20.76	20.67		
15	QPSK	1	37	20.66	20.59	20.65	21.5	0
15	QPSK	1	74	20.62	20.61	20.64		
15	QPSK	36	0	20.43	20.62	20.53		
15	QPSK	36	20	20.54	20.49	20.51	21.5	0
15	QPSK	36	39	20.51	20.51	20.57		
15	QPSK	75	0	20.27	20.37	20.26		
15	16QAM	1	0	20.47	20.36	20.43		
15	16QAM	1	37	20.52	20.39	20.39	21.5	0
15	16QAM	1	74	20.16	20.14	20.30		
15	16QAM	36	0	20.43	20.21	20.32		
15	16QAM	36	20	20.22	20.15	20.17	21.5	0
15	16QAM	36	39	20.35	20.31	20.38		
15	16QAM	75	0	20.25	20.25	20.25		
15	64QAM	1	0	20.40	20.32	20.13		
15	64QAM	1	37	20.31	20.23	20.36	21.5	0
15	64QAM	1	74	20.37	20.18	20.32		
15	64QAM	36	0	20.18	20.30	20.27		
15	64QAM	36	20	20.39	20.23	20.25	21.5	0
15	64QAM	36	39	20.22	20.17	20.30		
15	64QAM	75	0	20.31	20.12	20.37		
15	256QAM	1	0	18.94	19.07	19.10		
15	256QAM	1	37	18.90	19.08	18.89	20	1.5
15	256QAM	1	74	18.97	19.07	18.84		
15	256QAM	36	0	18.99	19.02	19.00		
15	256QAM	36	20	19.00	18.95	18.98	20	1.5
15	256QAM	36	39	19.02	19.17	18.97		
15	256QAM	75	0	19.06	18.93	18.93		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.56	20.73	20.68		
10	QPSK	1	25	20.61	20.65	20.67	21.5	0
10	QPSK	1	49	20.66	20.83	20.64		
10	QPSK	25	0	20.42	20.65	20.52		
10	QPSK	25	12	20.61	20.48	20.43	21.5	0
10	QPSK	25	25	20.59	20.40	20.61		
10	QPSK	50	0	20.24	20.45	20.36		
10	16QAM	1	0	20.46	20.34	20.49		
10	16QAM	1	25	20.43	20.40	20.36	21.5	0
10	16QAM	1	49	20.27	20.12	20.31		
10	16QAM	25	0	20.41	20.21	20.29		
10	16QAM	25	12	20.15	20.14	20.23	21.5	0
10	16QAM	25	25	20.34	20.34	20.30		
10	16QAM	50	0	20.19	20.25	20.22		
10	64QAM	1	0	20.34	20.35	20.16		
10	64QAM	1	25	20.30	20.13	20.35	21.5	0
10	64QAM	1	49	20.37	20.27	20.28		
10	64QAM	25	0	20.14	20.32	20.23		
10	64QAM	25	12	20.36	20.27	20.19	21.5	0
10	64QAM	25	25	20.25	20.23	20.40		
10	64QAM	50	0	20.35	20.12	20.36		
10	256QAM	1	0	18.98	19.08	19.04		
10	256QAM	1	25	18.92	19.16	18.95	20	1.5
10	256QAM	1	49	18.98	19.11	18.78		
10	256QAM	25	0	19.00	19.06	18.97		
10	256QAM	25	12	18.96	19.01	19.05	20	1.5
10	256QAM	25	25	19.05	19.14	19.03		
10	256QAM	50	0	18.99	19.01	18.98		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.51	20.79	20.64		
5	QPSK	1	12	20.57	20.59	20.73	21.5	0
5	QPSK	1	24	20.64	20.67	20.64		
5	QPSK	12	0	20.44	20.68	20.56		
5	QPSK	12	7	20.59	20.45	20.46	21.5	0
5	QPSK	12	13	20.61	20.42	20.52		
5	QPSK	25	0	20.26	20.41	20.34		
5	16QAM	1	0	20.46	20.34	20.44		
5	16QAM	1	12	20.43	20.49	20.39	21.5	0
5	16QAM	1	24	20.21	20.10	20.36		
5	16QAM	12	0	20.52	20.15	20.40		
5	16QAM	12	7	20.23	20.06	20.14	21.5	0
5	16QAM	12	13	20.32	20.23	20.33		
5	16QAM	25	0	20.19	20.18	20.27		
5	64QAM	1	0	20.38	20.32	20.11		
5	64QAM	1	12	20.38	20.24	20.29	21.5	0
5	64QAM	1	24	20.44	20.18	20.27		
5	64QAM	12	0	20.21	20.31	20.26		
5	64QAM	12	7	20.39	20.20	20.26	21.5	0
5	64QAM	12	13	20.21	20.18	20.41		
5	64QAM	25	0	20.28	20.16	20.39		
5	256QAM	1	0	19.05	19.09	19.05		
5	256QAM	1	12	18.92	19.13	18.90	20	1.5
5	256QAM	1	24	18.96	19.09	18.85		
5	256QAM	12	0	19.08	18.99	18.97		
5	256QAM	12	7	19.03	19.01	19.02	20	1.5
5	256QAM	12	13	18.94	19.13	19.00		
5	256QAM	25	0	18.97	19.02	18.88		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.51	20.71	20.58		
3	QPSK	1	8	20.57	20.62	20.65	21.5	0
3	QPSK	1	14	20.63	20.72	20.61		
3	QPSK	8	0	20.43	20.66	20.53		
3	QPSK	8	4	20.54	20.52	20.49	21.5	0
3	QPSK	8	7	20.54	20.50	20.58		
3	QPSK	15	0	20.32	20.44	20.30		
3	16QAM	1	0	20.46	20.40	20.43		
3	16QAM	1	8	20.44	20.39	20.39	21.5	0
3	16QAM	1	14	20.24	20.08	20.37		
3	16QAM	8	0	20.51	20.11	20.29		
3	16QAM	8	4	20.18	20.15	20.13	21.5	0
3	16QAM	8	7	20.34	20.26	20.36		
3	16QAM	15	0	20.19	20.25	20.19		
3	64QAM	1	0	20.34	20.38	20.11		
3	64QAM	1	8	20.29	20.17	20.28	21.5	0
3	64QAM	1	14	20.38	20.23	20.26		
3	64QAM	8	0	20.21	20.27	20.28		
3	64QAM	8	4	20.34	20.20	20.24	21.5	0
3	64QAM	8	7	20.23	20.13	20.38		
3	64QAM	15	0	20.24	20.17	20.40		
3	256QAM	1	0	19.05	19.07	19.04		
3	256QAM	1	8	18.96	19.16	18.94	20	1.5
3	256QAM	1	14	19.00	19.07	18.84		
3	256QAM	8	0	19.02	19.05	18.97		
3	256QAM	8	4	19.03	18.98	19.04	20	1.5
3	256QAM	8	7	19.00	19.13	19.06		
3	256QAM	15	0	18.96	18.97	18.93		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.57	20.77	20.62		
1.4	QPSK	1	3	20.58	20.64	20.65		
1.4	QPSK	1	5	20.57	20.66	20.59	21.5	0
1.4	QPSK	3	0	20.40	20.72	20.57		
1.4	QPSK	3	1	20.61	20.47	20.48		
1.4	QPSK	3	3	20.59	20.48	20.56		
1.4	QPSK	6	0	20.23	20.44	20.31	21.5	0
1.4	16QAM	1	0	20.52	20.40	20.40		
1.4	16QAM	1	3	20.48	20.39	20.39		
1.4	16QAM	1	5	20.25	20.18	20.36	21.5	0
1.4	16QAM	3	0	20.41	20.22	20.37		
1.4	16QAM	3	1	20.19	20.05	20.21		
1.4	16QAM	3	3	20.35	20.27	20.32		
1.4	16QAM	6	0	20.21	20.18	20.19	21.5	0
1.4	64QAM	1	0	20.34	20.39	20.15		
1.4	64QAM	1	3	20.39	20.20	20.33		
1.4	64QAM	1	5	20.46	20.22	20.34	21.5	0
1.4	64QAM	3	0	20.11	20.25	20.24		
1.4	64QAM	3	1	20.40	20.29	20.26		
1.4	64QAM	3	3	20.23	20.17	20.33		
1.4	64QAM	6	0	20.32	20.14	20.40	21.5	0
1.4	256QAM	1	0	18.99	19.02	19.08		
1.4	256QAM	1	3	18.94	19.08	19.00		
1.4	256QAM	1	5	18.97	19.11	18.79	20	1.5
1.4	256QAM	3	0	19.07	19.02	19.08		
1.4	256QAM	3	1	19.06	18.97	18.98		
1.4	256QAM	3	3	18.98	19.16	19.08		
1.4	256QAM	6	0	19.00	18.94	18.91	20	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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.16	19.28	19.15		
20	QPSK	1	49	19.21	19.13	19.19	19.5	0
20	QPSK	1	99	19.19	19.24	19.15		
20	QPSK	50	0	19.04	19.20	19.12		
20	QPSK	50	24	19.15	19.07	19.03	19.5	0
20	QPSK	50	50	19.08	19.07	19.11		
20	QPSK	100	0	18.82	18.97	18.80		
20	16QAM	1	0	18.96	18.90	18.95		
20	16QAM	1	49	19.02	18.94	18.91	19.5	0
20	16QAM	1	99	18.69	18.70	18.76		
20	16QAM	50	0	18.86	18.71	18.85		
20	16QAM	50	24	18.74	18.72	18.73	19.5	0
20	16QAM	50	50	18.85	18.88	18.83		
20	16QAM	100	0	18.77	18.74	18.86		
20	64QAM	1	0	18.88	18.91	18.70		
20	64QAM	1	49	18.95	18.72	18.94	19.5	0
20	64QAM	1	99	18.96	18.80	18.88		
20	64QAM	50	0	18.74	18.79	18.78		
20	64QAM	50	24	18.92	18.80	18.78	19.5	0
20	64QAM	50	50	18.75	18.76	18.84		
20	64QAM	100	0	18.85	18.69	18.81		
20	256QAM	1	0	18.76	18.86	18.78		
20	256QAM	1	49	18.86	18.90	18.85	19.5	0
20	256QAM	1	99	18.86	18.67	18.87		
20	256QAM	50	0	18.95	18.74	18.84		
20	256QAM	50	24	18.75	18.72	18.82	19.5	0
20	256QAM	50	50	18.80	18.61	18.80		
20	256QAM	100	0	18.80	18.84	18.82		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.04	19.21	19.09		
15	QPSK	1	37	19.08	18.99	19.11	19.5	0
15	QPSK	1	74	19.05	19.15	19.02		
15	QPSK	36	0	18.95	19.10	18.97		
15	QPSK	36	20	19.10	18.95	18.96	19.5	0
15	QPSK	36	39	18.98	18.97	19.06		
15	QPSK	75	0	18.68	18.92	18.72		
15	16QAM	1	0	18.91	18.84	18.88		
15	16QAM	1	37	18.93	18.88	18.83	19.5	0
15	16QAM	1	74	18.64	18.66	18.64		
15	16QAM	36	0	18.71	18.58	18.77		
15	16QAM	36	20	18.63	18.58	18.65	19.5	0
15	16QAM	36	39	18.73	18.80	18.68		
15	16QAM	75	0	18.70	18.66	18.79		
15	64QAM	1	0	18.79	18.79	18.60		
15	64QAM	1	37	18.85	18.59	18.85	19.5	0
15	64QAM	1	74	18.88	18.71	18.77		
15	64QAM	36	0	18.58	18.67	18.69		
15	64QAM	36	20	18.81	18.66	18.71	19.5	0
15	64QAM	36	39	18.63	18.70	18.78		
15	64QAM	75	0	18.79	18.58	18.70		
15	256QAM	1	0	18.62	18.80	18.65		
15	256QAM	1	37	18.79	18.76	18.79	19.5	0
15	256QAM	1	74	18.80	18.63	18.73		
15	256QAM	36	0	18.86	18.70	18.77		
15	256QAM	36	20	18.63	18.67	18.66	19.5	0
15	256QAM	36	39	18.73	18.55	18.71		
15	256QAM	75	0	18.70	18.71	18.68		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.02	19.23	19.08		
10	QPSK	1	25	19.07	19.08	19.06	19.5	0
10	QPSK	1	49	19.10	19.08	19.07		
10	QPSK	25	0	18.89	19.16	19.05		
10	QPSK	25	12	19.08	19.03	18.99	19.5	0
10	QPSK	25	25	18.93	19.00	19.04		
10	QPSK	50	0	18.71	18.88	18.67		
10	16QAM	1	0	18.91	18.76	18.79		
10	16QAM	1	25	18.92	18.88	18.81	19.5	0
10	16QAM	1	49	18.58	18.60	18.61		
10	16QAM	25	0	18.82	18.57	18.76		
10	16QAM	25	12	18.66	18.62	18.67	19.5	0
10	16QAM	25	25	18.79	18.72	18.75		
10	16QAM	50	0	18.72	18.62	18.78		
10	64QAM	1	0	18.76	18.82	18.66		
10	64QAM	1	25	18.80	18.59	18.89	19.5	0
10	64QAM	1	49	18.85	18.76	18.72		
10	64QAM	25	0	18.58	18.65	18.72		
10	64QAM	25	12	18.79	18.71	18.64	19.5	0
10	64QAM	25	25	18.63	18.62	18.78		
10	64QAM	50	0	18.72	18.60	18.70		
10	256QAM	1	0	18.60	18.76	18.67		
10	256QAM	1	25	18.72	18.83	18.79	19.5	0
10	256QAM	1	49	18.73	18.53	18.80		
10	256QAM	25	0	18.90	18.60	18.72		
10	256QAM	25	12	18.70	18.61	18.75	19.5	0
10	256QAM	25	25	18.68	18.50	18.76		
10	256QAM	50	0	18.65	18.74	18.78		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.09	19.18	19.01		
5	QPSK	1	12	19.08	19.09	19.08	19.5	0
5	QPSK	1	24	19.08	19.14	19.11		
5	QPSK	12	0	18.93	19.10	19.03		
5	QPSK	12	7	19.03	18.99	18.88	19.5	0
5	QPSK	12	13	18.98	18.93	18.97		
5	QPSK	25	0	18.74	18.90	18.66		
5	16QAM	1	0	18.90	18.79	18.89		
5	16QAM	1	12	18.94	18.82	18.79	19.5	0
5	16QAM	1	24	18.59	18.59	18.63		
5	16QAM	12	0	18.73	18.63	18.75		
5	16QAM	12	7	18.60	18.62	18.61	19.5	0
5	16QAM	12	13	18.70	18.80	18.78		
5	16QAM	25	0	18.72	18.69	18.74		
5	64QAM	1	0	18.82	18.78	18.64		
5	64QAM	1	12	18.88	18.65	18.84	19.5	0
5	64QAM	1	24	18.90	18.67	18.81		
5	64QAM	12	0	18.61	18.70	18.67		
5	64QAM	12	7	18.79	18.69	18.64	19.5	0
5	64QAM	12	13	18.61	18.65	18.77		
5	64QAM	25	0	18.79	18.56	18.76		
5	256QAM	1	0	18.72	18.75	18.69		
5	256QAM	1	12	18.81	18.76	18.79	19.5	0
5	256QAM	1	24	18.74	18.51	18.80		
5	256QAM	12	0	18.86	18.67	18.80		
5	256QAM	12	7	18.66	18.65	18.69	19.5	0
5	256QAM	12	13	18.74	18.47	18.67		
5	256QAM	25	0	18.70	18.77	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.71	21.86	21.73	22.5	0
20	QPSK	1	49	21.70	21.79	21.84		
20	QPSK	1	99	21.76	21.79	21.74		
20	QPSK	50	0	21.56	21.73	21.65	22.5	0
20	QPSK	50	24	21.62	21.64	21.63		
20	QPSK	50	50	21.70	21.62	21.57		
20	QPSK	100	0	21.44	21.51	21.34		
20	16QAM	1	0	21.53	21.45	21.47	22.5	0
20	16QAM	1	49	21.65	21.52	21.46		
20	16QAM	1	99	21.24	21.17	21.38		
20	16QAM	50	0	21.51	21.33	21.47	22.5	0
20	16QAM	50	24	21.33	21.26	21.36		
20	16QAM	50	50	21.45	21.39	21.47		
20	16QAM	100	0	21.28	21.24	21.36		
20	64QAM	1	0	21.43	21.46	21.29	22.5	0
20	64QAM	1	49	21.47	21.34	21.43		
20	64QAM	1	99	21.56	21.37	21.38		
20	64QAM	50	0	20.69	20.83	20.64	21.5	1
20	64QAM	50	24	20.57	20.72	20.50		
20	64QAM	50	50	20.70	20.69	20.43		
20	64QAM	100	0	20.69	20.73	20.59		
20	256QAM	1	0	18.68	18.81	18.58	19.5	3
20	256QAM	1	49	18.60	18.69	18.43		
20	256QAM	1	99	18.71	18.71	18.51		
20	256QAM	50	0	18.67	18.79	18.65	19.5	3
20	256QAM	50	24	18.64	18.69	18.61		
20	256QAM	50	50	18.57	18.70	18.47		
20	256QAM	100	0	18.61	18.67	18.56		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.65	21.60	21.69	22.5	0
15	QPSK	1	37	21.61	21.65	21.70		
15	QPSK	1	74	21.64	21.73	21.60		
15	QPSK	36	0	21.49	21.64	21.51	22.5	0
15	QPSK	36	20	21.57	21.57	21.52		
15	QPSK	36	39	21.61	21.55	21.51		
15	QPSK	75	0	21.29	21.41	21.25		
15	16QAM	1	0	21.43	21.41	21.40	22.5	0
15	16QAM	1	37	21.57	21.48	21.36		
15	16QAM	1	74	21.19	21.09	21.28		
15	16QAM	36	0	21.43	21.24	21.35	22.5	0
15	16QAM	36	20	21.28	21.17	21.31		
15	16QAM	36	39	21.30	21.33	21.35		
15	16QAM	75	0	21.15	21.16	21.24		
15	64QAM	1	0	21.27	21.40	21.13	22.5	0
15	64QAM	1	37	21.42	21.28	21.33		
15	64QAM	1	74	21.45	21.22	21.26		
15	64QAM	36	0	20.55	20.78	20.58	21.5	1
15	64QAM	36	20	20.52	20.67	20.45		
15	64QAM	36	39	20.65	20.65	20.29		
15	64QAM	75	0	20.64	20.66	20.48		
15	256QAM	1	0	18.57	18.79	18.52	19.5	3
15	256QAM	1	37	18.55	18.63	18.40		
15	256QAM	1	74	18.64	18.60	18.37		
15	256QAM	36	0	18.58	18.69	18.56	19.5	3
15	256QAM	36	20	18.51	18.67	18.54		
15	256QAM	36	39	18.55	18.58	18.35		
15	256QAM	75	0	18.51	18.58	18.48		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.65	21.61	21.64	22.5	0
10	QPSK	1	25	21.57	21.63	21.78		
10	QPSK	1	49	21.71	21.68	21.60		
10	QPSK	25	0	21.50	21.63	21.60	22.5	0
10	QPSK	25	12	21.53	21.50	21.59		
10	QPSK	25	25	21.63	21.50	21.42		
10	QPSK	50	0	21.31	21.39	21.28		
10	16QAM	1	0	21.39	21.40	21.43	22.5	0
10	16QAM	1	25	21.56	21.38	21.38		
10	16QAM	1	49	21.16	21.09	21.31		
10	16QAM	25	0	21.36	21.22	21.37	22.5	0
10	16QAM	25	12	21.26	21.15	21.30		
10	16QAM	25	25	21.31	21.32	21.35		
10	16QAM	50	0	21.22	21.13	21.27		
10	64QAM	1	0	21.29	21.32	21.21	22.5	0
10	64QAM	1	25	21.34	21.23	21.38		
10	64QAM	1	49	21.41	21.22	21.33		
10	64QAM	25	0	20.58	20.74	20.61	21.5	1
10	64QAM	25	12	20.50	20.58	20.46		
10	64QAM	25	25	20.59	20.66	20.31		
10	64QAM	50	0	20.64	20.69	20.54		
10	256QAM	1	0	18.56	18.79	18.55	19.5	3
10	256QAM	1	25	18.55	18.60	18.38		
10	256QAM	1	49	18.66	18.68	18.45		
10	256QAM	25	0	18.64	18.72	18.52	19.5	3
10	256QAM	25	12	18.52	18.66	18.57		
10	256QAM	25	25	18.55	18.65	18.36		
10	256QAM	50	0	18.49	18.57	18.52		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.65	21.67	21.58	22.5	0
5	QPSK	1	12	21.62	21.72	21.71		
5	QPSK	1	24	21.68	21.68	21.64		
5	QPSK	12	0	21.50	21.60	21.51	22.5	0
5	QPSK	12	7	21.53	21.52	21.52		
5	QPSK	12	13	21.65	21.47	21.50		
5	QPSK	25	0	21.39	21.36	21.28		
5	16QAM	1	0	21.45	21.30	21.42	22.5	0
5	16QAM	1	12	21.60	21.47	21.40		
5	16QAM	1	24	21.17	21.13	21.31		
5	16QAM	12	0	21.40	21.20	21.33	22.5	0
5	16QAM	12	7	21.21	21.20	21.27		
5	16QAM	12	13	21.39	21.24	21.31		
5	16QAM	25	0	21.22	21.14	21.20		
5	64QAM	1	0	21.30	21.35	21.23	22.5	0
5	64QAM	1	12	21.43	21.27	21.36		
5	64QAM	1	24	21.45	21.21	21.22		
5	64QAM	12	0	20.56	20.72	20.54	21.5	1
5	64QAM	12	7	20.54	20.62	20.46		
5	64QAM	12	13	20.67	20.59	20.35		
5	64QAM	25	0	20.60	20.59	20.51		
5	256QAM	1	0	18.65	18.70	18.51	19.5	3
5	256QAM	1	12	18.53	18.61	18.35		
5	256QAM	1	24	18.57	18.61	18.41		
5	256QAM	12	0	18.57	18.71	18.54	19.5	3
5	256QAM	12	7	18.58	18.56	18.53		
5	256QAM	12	13	18.55	18.63	18.34		
5	256QAM	25	0	18.57	18.65	18.51		

Band 41 other PA Ant 5 DSI6

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	21.55	21.59	21.71	21.63	21.60	22.5	0
20	QPSK	1	49	21.59	21.61	21.69	21.68	21.69		
20	QPSK	1	99	21.54	21.63	21.66	21.63	21.54		
20	QPSK	50	0	21.44	21.47	21.58	21.62	21.58	22.5	0
20	QPSK	50	24	21.49	21.50	21.50	21.59	21.53		
20	QPSK	50	50	21.47	21.48	21.43	21.55	21.51		
20	QPSK	100	0	21.30	21.24	21.49	21.27	21.29		
20	16QAM	1	0	21.45	21.45	21.35	21.37	21.34	22.5	0
20	16QAM	1	49	21.54	21.48	21.37	21.42	21.42		
20	16QAM	1	99	21.12	21.10	21.11	21.22	21.30		
20	16QAM	50	0	21.31	21.33	21.13	21.33	21.35	22.5	0
20	16QAM	50	24	21.12	21.18	21.15	21.24	21.21		
20	16QAM	50	50	21.37	21.28	21.29	21.33	21.29		
20	16QAM	100	0	21.21	21.25	21.19	21.30	21.30		
20	64QAM	1	0	21.29	21.40	21.31	21.13	21.16	22.5	0
20	64QAM	1	49	21.35	21.34	21.13	21.29	21.37		
20	64QAM	1	99	21.43	21.35	21.23	21.27	21.33		
20	64QAM	50	0	20.53	20.53	20.69	20.64	20.58	21.5	1
20	64QAM	50	24	20.40	20.43	20.56	20.55	20.43		
20	64QAM	50	50	20.52	20.50	20.47	20.41	20.38		
20	64QAM	100	0	20.58	20.47	20.61	20.54	20.47		
20	256QAM	1	0	18.57	18.63	18.58	18.66	18.52	19.5	3
20	256QAM	1	49	18.48	18.44	18.53	18.55	18.47		
20	256QAM	1	99	18.51	18.47	18.51	18.38	18.33		
20	256QAM	50	0	18.54	18.53	18.58	18.56	18.46	19.5	3
20	256QAM	50	24	18.48	18.50	18.62	18.54	18.51		
20	256QAM	50	50	18.43	18.47	18.65	18.48	18.44		
20	256QAM	100	0	18.57	18.45	18.53	18.50	18.44		
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	21.44	21.49	21.63	21.57	21.49	22.50	0
15	QPSK	1	37	21.54	21.53	21.63	21.54	21.60		
15	QPSK	1	74	21.45	21.56	21.61	21.55	21.39		
15	QPSK	36	0	21.33	21.32	21.44	21.46	21.50	22.5	0
15	QPSK	36	20	21.41	21.45	21.38	21.45	21.38		
15	QPSK	36	39	21.35	21.40	21.28	21.39	21.46		
15	QPSK	75	0	21.23	21.14	21.42	21.19	21.23		
15	16QAM	1	0	21.39	21.34	21.30	21.31	21.19	22.5	0
15	16QAM	1	37	21.40	21.33	21.22	21.34	21.27		
15	16QAM	1	74	21.00	20.95	20.97	21.11	21.16		
15	16QAM	36	0	21.19	21.23	20.98	21.21	21.29	22.5	0
15	16QAM	36	20	20.97	21.04	21.02	21.10	21.11		
15	16QAM	36	39	21.32	21.21	21.17	21.22	21.24		
15	16QAM	75	0	21.07	21.13	21.14	21.25	21.16		
15	64QAM	1	0	21.17	21.35	21.17	21.03	21.07	22.5	0
15	64QAM	1	37	21.26	21.26	21.04	21.15	21.23		
15	64QAM	1	74	21.38	21.28	21.13	21.23	21.19		
15	64QAM	36	0	20.44	20.45	20.66	20.55	20.48	21.5	1
15	64QAM	36	20	20.29	20.40	20.51	20.42	20.31		
15	64QAM	36	39	20.39	20.38	20.35	20.35	20.32		
15	64QAM	75	0	20.55	20.38	20.53	20.47	20.41		
15	256QAM	1	0	18.53	18.58	18.55	18.57	18.43	19.5	3
15	256QAM	1	37	18.40	18.32	18.50	18.43	18.35		
15	256QAM	1	74	18.42	18.34	18.42	18.25	18.19		
15	256QAM	36	0	18.42	18.40	18.55	18.52	18.36	19.5	3
15	256QAM	36	20	18.46	18.42	18.50	18.45	18.47		
15	256QAM	36	39	18.40	18.39	18.59	18.43	18.34		
15	256QAM	75	0	18.54	18.35	18.46	18.47	18.39		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.42	21.46	21.61	21.55	21.52	22.50	0
10	QPSK	1	25	21.52	21.45	21.62	21.63	21.61		
10	QPSK	1	49	21.45	21.57	21.52	21.57	21.39		
10	QPSK	25	0	21.34	21.41	21.46	21.50	21.51	22.5	0
10	QPSK	25	12	21.36	21.46	21.40	21.51	21.43		
10	QPSK	25	25	21.42	21.35	21.35	21.40	21.39		
10	QPSK	50	0	21.21	21.13	21.42	21.23	21.15		
10	16QAM	1	0	21.31	21.29	21.25	21.25	21.24	22.5	0
10	16QAM	1	25	21.43	21.43	21.29	21.31	21.32		
10	16QAM	1	49	21.07	20.97	21.02	21.08	21.22		
10	16QAM	25	0	21.21	21.19	21.09	21.28	21.30	22.5	0
10	16QAM	25	12	20.97	21.13	21.10	21.17	21.13		
10	16QAM	25	25	21.24	21.20	21.20	21.22	21.14		
10	16QAM	50	0	21.12	21.11	21.12	21.21	21.16		
10	64QAM	1	0	21.14	21.30	21.17	21.07	21.07	22.5	0
10	64QAM	1	25	21.20	21.22	21.01	21.19	21.28		
10	64QAM	1	49	21.39	21.31	21.09	21.12	21.28		
10	64QAM	25	0	20.47	20.50	20.64	20.54	20.47	21.5	1
10	64QAM	25	12	20.26	20.39	20.53	20.42	20.40		
10	64QAM	25	25	20.42	20.39	20.39	20.31	20.31		
10	64QAM	50	0	20.45	20.41	20.51	20.48	20.33		
10	256QAM	1	0	18.49	18.61	18.49	18.62	18.48	19.5	3
10	256QAM	1	25	18.44	18.31	18.45	18.50	18.37		
10	256QAM	1	49	18.42	18.43	18.48	18.27	18.29		
10	256QAM	25	0	18.47	18.40	18.54	18.51	18.41	19.5	3
10	256QAM	25	12	18.43	18.46	18.53	18.51	18.49		
10	256QAM	25	25	18.38	18.41	18.58	18.39	18.33		
10	256QAM	50	0	18.53	18.42	18.48	18.42	18.33		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.49	21.52	21.57	21.53	21.52	22.50	0
5	QPSK	1	12	21.49	21.54	21.54	21.55	21.59		
5	QPSK	1	24	21.40	21.52	21.58	21.51	21.49		
5	QPSK	12	0	21.36	21.41	21.42	21.52	21.48	22.5	0
5	QPSK	12	7	21.43	21.42	21.42	21.52	21.39		
5	QPSK	12	13	21.31	21.33	21.33	21.48	21.36		
5	QPSK	25	0	21.17	21.12	21.41	21.12	21.22		
5	16QAM	1	0	21.32	21.32	21.21	21.22	21.26	22.5	0
5	16QAM	1	12	21.45	21.34	21.30	21.29	21.28		
5	16QAM	1	24	21.01	20.97	21.07	21.14	21.15		
5	16QAM	12	0	21.16	21.18	21.02	21.23	21.21	22.5	0
5	16QAM	12	7	20.99	21.04	21.02	21.12	21.08		
5	16QAM	12	13	21.24	21.17	21.22	21.23	21.18		
5	16QAM	25	0	21.13	21.16	21.12	21.17	21.19		
5	64QAM	1	0	21.17	21.30	21.26	21.02	21.09	22.5	0
5	64QAM	1	12	21.20	21.27	21.03	21.14	21.26		
5	64QAM	1	24	21.30	21.26	21.18	21.21	21.19		
5	64QAM	12	0	20.43	20.51	20.64	20.58	20.45	21.5	1
5	64QAM	12	7	20.36	20.36	20.54	20.50	20.30		
5	64QAM	12	13	20.45	20.41	20.43	20.31	20.27		
5	64QAM	25	0	20.52	20.40	20.49	20.47	20.38		
5	256QAM	1	0	18.53	18.56	18.55	18.54	18.43	19.5	3
5	256QAM	1	12	18.41	18.37	18.51	18.46	18.35		
5	256QAM	1	24	18.46	18.35	18.40	18.35	18.30		
5	256QAM	12	0	18.47	18.44	18.48	18.50	18.34	19.5	3
5	256QAM	12	7	18.37	18.44	18.52	18.44	18.42		
5	256QAM	12	13	18.31	18.37	18.54	18.45	18.40		
5	256QAM	25	0	18.49	18.33	18.42	18.37	18.34		

Full & Default Power Mode

n5 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.91	25.11	25.05	25.7	0.0
20	PI/2 BPSK	1	53	24.99	25.16	25.11		
20	PI/2 BPSK	1	104	25.04	25.12	25.12		
20	PI/2 BPSK	50	0	24.61	24.77	24.66	25.2	0.5
20	PI/2 BPSK	50	28	24.99	25.04	25.01	25.7	0.0
20	PI/2 BPSK	50	56	24.61	24.69	24.68	25.2	0.5
20	PI/2 BPSK	100	0	24.58	24.71	24.63		
20	QPSK	1	1	25.13	25.21	25.17	25.7	0.0
20	QPSK	1	53	24.95	25.01	24.97		
20	QPSK	1	104	24.97	25.13	25.11		
20	QPSK	50	0	24.16	24.15	24.16	24.7	1.0
20	QPSK	50	28	25.01	25.04	24.90	25.7	0.0
20	QPSK	50	56	24.13	24.18	24.12	24.7	1.0
20	QPSK	100	0	24.16	24.25	24.21		
20	16QAM	1	1	24.17	24.20	24.19	24.7	1.0
20	64QAM	1	1	22.60	22.73	22.61	23.2	2.5
20	256QAM	1	1	20.58	20.71	20.68	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.99	25.12	25.10	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.10	25.07	25.07	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	25.01	25.15	25.04	25.7	0.0

n26 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	24.97	25.15	25.04	25.7	0.0
20	PI/2 BPSK	1	53	24.98	25.18	25.18		
20	PI/2 BPSK	1	104	25.12	25.13	25.11		
20	PI/2 BPSK	50	0	24.46	24.55	24.42	25.2	0.5
20	PI/2 BPSK	50	28	24.93	24.99	24.94	25.7	0.0
20	PI/2 BPSK	50	56	24.41	24.52	24.42	25.2	0.5
20	PI/2 BPSK	100	0	24.57	24.57	24.49		
20	QPSK	1	1	25.15	25.19	25.14	25.7	0.0
20	QPSK	1	53	25.02	25.05	25.04		
20	QPSK	1	104	25.01	25.08	25.09		
20	QPSK	50	0	23.90	24.07	23.90	24.7	1.0
20	QPSK	50	28	25.00	25.07	24.90	25.7	0.0
20	QPSK	50	56	23.85	24.03	23.86	24.7	1.0
20	QPSK	100	0	23.99	24.03	23.90		
20	16QAM	1	1	23.92	23.95	23.92	24.7	1.0
20	64QAM	1	1	22.63	22.73	22.65	23.2	2.5
20	256QAM	1	1	20.64	20.66	20.60	21.2	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.06	25.07	25.02	25.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.06	25.17	25.03	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	25.02	25.12	25.03	25.7	0.0

n5 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.63	24.53	24.51	25.7	0.0
20	PI/2 BPSK	1	53	24.61	24.55	24.53		
20	PI/2 BPSK	1	104	24.53	24.54	24.55		
20	PI/2 BPSK	50	0	24.15	24.15	24.23	25.2	0.5
20	PI/2 BPSK	50	28	24.53	24.49	24.50	25.7	0.0
20	PI/2 BPSK	50	56	24.17	24.25	24.19	25.2	0.5
20	PI/2 BPSK	100	0	24.12	24.10	24.13		
20	QPSK	1	1	24.64	24.71	24.64	25.7	0.0
20	QPSK	1	53	24.63	24.59	24.56		
20	QPSK	1	104	24.54	24.59	24.52		
20	QPSK	50	0	23.73	23.77	23.61	24.7	1.0
20	QPSK	50	28	24.52	24.59	24.51	25.7	0.0
20	QPSK	50	56	23.80	23.77	23.74	24.7	1.0
20	QPSK	100	0	23.80	23.91	23.70		
20	16QAM	1	1	23.55	23.62	23.51	24.7	1.0
20	64QAM	1	1	21.97	22.09	22.03	23.2	2.5
20	256QAM	1	1	20.05	20.17	20.17	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.61	24.65	24.53	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.58	24.58	24.52	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	24.55	24.58	24.53	25.7	0.0

n26 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	24.58	24.54	24.54	25.7	0.0
20	PI/2 BPSK	1	53	24.61	24.53	24.50		
20	PI/2 BPSK	1	104	24.52	24.51	24.53		
20	PI/2 BPSK	50	0	24.08	24.11	24.16	25.2	0.5
20	PI/2 BPSK	50	28	24.50	24.53	24.54	25.7	0.0
20	PI/2 BPSK	50	56	24.11	24.17	24.15	25.2	0.5
20	PI/2 BPSK	100	0	24.13	24.12	24.07		
20	QPSK	1	1	24.63	24.64	24.62	25.7	0.0
20	QPSK	1	53	24.60	24.61	24.58		
20	QPSK	1	104	24.57	24.60	24.51		
20	QPSK	50	0	23.71	23.78	23.64	24.7	1.0
20	QPSK	50	28	24.51	24.61	24.52	25.7	0.0
20	QPSK	50	56	23.73	23.80	23.69	24.7	1.0
20	QPSK	100	0	23.76	23.85	23.72		
20	16QAM	1	1	23.55	23.58	23.51	24.7	1.0
20	64QAM	1	1	22.01	22.05	21.98	23.2	2.5
20	256QAM	1	1	20.08	20.14	20.10	21.2	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.56	24.57	24.52	25.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.54	24.52	24.57	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	24.59	24.60	24.58	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	23.55	23.65	23.62	25.0	0.0
40	PI/2 BPSK	1	108	23.59	23.62	23.65		
40	PI/2 BPSK	1	214	23.58	23.69	23.55		
40	PI/2 BPSK	108	0	23.12	23.29	23.19	24.5	0.5
40	PI/2 BPSK	108	54	23.52	23.68	23.59	25.0	0.0
40	PI/2 BPSK	108	108	23.15	23.23	23.19	24.5	0.5
40	PI/2 BPSK	216	0	23.14	23.30	23.20		
40	QPSK	1	1	23.65	23.74	23.68	25.0	0.0
40	QPSK	1	108	23.56	23.64	23.66		
40	QPSK	1	214	23.53	23.65	23.55		
40	QPSK	108	0	22.63	22.80	22.65	24.0	1.0
40	QPSK	108	54	23.58	23.61	23.55	25.0	0.0
40	QPSK	108	108	22.67	22.69	22.66	24.0	1.0
40	QPSK	216	0	22.70	22.74	22.66		
40	16QAM	1	1	22.48	22.53	22.50	24.0	1.0
40	64QAM	1	1	20.95	20.97	20.91	22.5	2.5
40	256QAM	1	1	18.92	18.97	18.95	20.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	23.56	23.60	23.54	25.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	23.53	23.71	23.63	25.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	23.53	23.71	23.60	25.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	23.51	23.70	23.63	25.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.53	23.67	23.65	25.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.56	23.67	23.62	25.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.61	23.60	23.57	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	24.25	24.31	24.26	25.5	0.0
40	PI/2 BPSK	1	108	24.17	24.22	24.26		
40	PI/2 BPSK	1	214	24.24	24.23	24.21		
40	PI/2 BPSK	108	0	23.81	23.83	23.77	25.0	0.5
40	PI/2 BPSK	108	54	24.21	24.29	24.19	25.5	0.0
40	PI/2 BPSK	108	108	23.77	23.81	23.82	25.0	0.5
40	PI/2 BPSK	216	0	23.80	23.80	23.84		
40	QPSK	1	1	24.30	24.36	24.32	25.5	0.0
40	QPSK	1	108	24.24	24.23	24.20		
40	QPSK	1	214	24.21	24.25	24.26		
40	QPSK	108	0	23.16	23.18	23.22	24.5	1.0
40	QPSK	108	54	24.21	24.27	24.22	25.5	0.0
40	QPSK	108	108	23.16	23.17	23.13	24.5	1.0
40	QPSK	216	0	23.28	23.30	23.24		
40	16QAM	1	1	23.00	23.08	23.02	24.5	1.0
40	64QAM	1	1	21.42	21.55	21.49	23.0	2.5
40	256QAM	1	1	19.42	19.48	19.46	21.0	4.5
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	24.16	24.29	24.23	25.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.18	24.34	24.19	25.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.24	24.26	24.28	25.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.17	24.25	24.22	25.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.26	24.24	24.26	25.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.21	24.33	24.27	25.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.28	24.29	24.21	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.25	24.39	24.29	25.5	0.0
40	PI/2 BPSK	1	108	24.28	24.42	24.29		
40	PI/2 BPSK	1	214	24.28	24.41	24.32		
40	PI/2 BPSK	108	0	23.86	23.93	23.90	25.0	0.5
40	PI/2 BPSK	108	54	24.30	24.36	24.32	25.5	0.0
40	PI/2 BPSK	108	108	23.84	23.94	23.90	25.0	0.5
40	PI/2 BPSK	216	0	23.92	23.96	23.93		
40	QPSK	1	1	24.37	24.48	24.41	25.5	0.0
40	QPSK	1	108	24.33	24.40	24.29		
40	QPSK	1	214	24.27	24.40	24.31		
40	QPSK	108	0	23.30	23.31	23.36	24.5	1.0
40	QPSK	108	54	24.35	24.41	24.31	25.5	0.0
40	QPSK	108	108	23.30	23.32	23.25	24.5	1.0
40	QPSK	216	0	23.40	23.45	23.38		
40	16QAM	1	1	23.11	23.17	23.12	24.5	1.0
40	64QAM	1	1	21.58	21.65	21.61	23.0	2.5
40	256QAM	1	1	19.52	19.58	19.50	21.0	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	24.27	24.34	24.35	25.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.31	24.43	24.38	25.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.26	24.40	24.28	25.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.24	24.41	24.31	25.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.31	24.42	24.30	25.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.26	24.42	24.33	25.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.28	24.35	24.33	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	24.60	24.62	24.58	25.5	0.0
40	PI/2 BPSK	1	108	24.60	24.59	24.55		
40	PI/2 BPSK	1	214	24.63	24.58	24.56		
40	PI/2 BPSK	108	0	24.19	24.15	24.20	25.0	0.5
40	PI/2 BPSK	108	54	24.61	24.65	24.62	25.5	0.0
40	PI/2 BPSK	108	108	24.21	24.15	24.18	25.0	0.5
40	PI/2 BPSK	216	0	24.20	24.13	24.16		
40	QPSK	1	1	24.66	24.69	24.65	25.5	0.0
40	QPSK	1	108	24.55	24.64	24.57		
40	QPSK	1	214	24.60	24.67	24.62		
40	QPSK	108	0	23.55	23.62	23.54	24.5	1.0
40	QPSK	108	54	24.48	24.51	24.45	25.5	0.0
40	QPSK	108	108	23.47	23.50	23.46	24.5	1.0
40	QPSK	216	0	23.60	23.64	23.58		
40	16QAM	1	1	23.42	23.48	23.40	24.5	1.0
40	64QAM	1	1	21.88	21.95	21.91	23.0	2.5
40	256QAM	1	1	19.78	19.83	19.80	21.0	4.5
Channel				375500	376000	376500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	24.62	24.62	24.54	25.5	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	24.63	24.61	24.61	25.5	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	24.57	24.59	24.57	25.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	24.62	24.65	24.52	25.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	24.52	24.63	24.61	25.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	24.60	24.62	24.58	25.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	24.63	24.60	24.62	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	25.13	25.28	25.07	25.7	0.0
40	PI/2 BPSK	1	108	25.15	25.13	25.22		
40	PI/2 BPSK	1	214	25.14	25.20	25.17		
40	PI/2 BPSK	108	0	24.77	24.71	24.73	25.2	0.5
40	PI/2 BPSK	108	54	25.27	25.28	25.16	25.7	0.0
40	PI/2 BPSK	108	108	24.69	24.77	24.81	25.2	0.5
40	PI/2 BPSK	216	0	24.77	24.83	24.73		
40	QPSK	1	1	25.23	25.34	25.26	25.7	0.0
40	QPSK	1	108	25.10	25.20	25.19		
40	QPSK	1	214	25.19	25.15	25.20		
40	QPSK	108	0	24.18	24.21	24.06	24.7	1.0
40	QPSK	108	54	25.22	25.23	25.20	25.7	0.0
40	QPSK	108	108	24.09	24.31	24.20	24.7	1.0
40	QPSK	216	0	24.16	24.28	24.18		
40	16QAM	1	1	24.03	24.05	24.07	24.7	1.0
40	64QAM	1	1	22.44	22.55	22.50	23.2	2.5
40	256QAM	1	1	20.40	20.39	20.30	21.2	4.5
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	25.13	25.22	25.15	25.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	25.18	25.24	25.22	25.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	25.17	25.29	25.16	25.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	25.17	25.31	25.20	25.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	25.14	25.25	25.20	25.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	25.21	25.22	25.18	25.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	25.11	25.32	25.16	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	25.16	25.23	25.24	25.7	0.0
40	PI/2 BPSK	1	108	25.12	25.19	25.20		
40	PI/2 BPSK	1	214	25.09	25.27	25.20		
40	PI/2 BPSK	108	0	24.68	24.76	24.70	25.2	0.5
40	PI/2 BPSK	108	54	25.18	25.27	25.14	25.7	0.0
40	PI/2 BPSK	108	108	24.72	24.84	24.75	25.2	0.5
40	PI/2 BPSK	216	0	24.72	24.81	24.72		
40	QPSK	1	1	25.21	25.31	25.26	25.7	0.0
40	QPSK	1	108	25.14	25.18	25.15		
40	QPSK	1	214	25.07	25.23	25.21		
40	QPSK	108	0	24.12	24.18	24.10	24.7	1.0
40	QPSK	108	54	25.12	25.18	25.15	25.7	0.0
40	QPSK	108	108	24.08	24.20	24.11	24.7	1.0
40	QPSK	216	0	24.18	24.25	24.21		
40	16QAM	1	1	23.88	23.94	23.84	24.7	1.0
40	64QAM	1	1	22.45	22.52	22.48	23.2	2.5
40	256QAM	1	1	20.42	20.47	20.40	21.2	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	25.10	25.22	25.21	25.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	25.13	25.17	25.16	25.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	25.07	25.20	25.18	25.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	25.13	25.27	25.22	25.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	25.14	25.19	25.16	25.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	25.11	25.25	25.21	25.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	25.18	25.22	25.23	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	24.13	24.19	24.16	25.5	0.0
40	PI/2 BPSK	1	108	24.07	24.20	24.21		
40	PI/2 BPSK	1	214	24.15	24.23	24.15		
40	PI/2 BPSK	108	0	23.63	23.74	23.68	25.0	0.5
40	PI/2 BPSK	108	54	24.09	24.26	24.19	25.5	0.0
40	PI/2 BPSK	108	108	23.72	23.74	23.78	25.0	0.5
40	PI/2 BPSK	216	0	23.70	23.80	23.79		
40	QPSK	1	1	24.18	24.28	24.24	25.5	0.0
40	QPSK	1	108	24.06	24.21	24.17		
40	QPSK	1	214	24.13	24.15	24.21		
40	QPSK	108	0	23.09	23.14	23.01	24.5	1.0
40	QPSK	108	54	24.10	24.15	24.08	25.5	0.0
40	QPSK	108	108	23.09	23.12	23.09	24.5	1.0
40	QPSK	216	0	23.13	23.18	23.15		
40	16QAM	1	1	22.88	22.93	22.85	24.5	1.0
40	64QAM	1	1	21.50	21.54	21.49	23.0	2.5
40	256QAM	1	1	19.38	19.44	19.42	21.0	4.5
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	24.12	24.23	24.13	25.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.10	24.20	24.10	25.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.09	24.19	24.20	25.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.05	24.17	24.19	25.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.15	24.25	24.20	25.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.05	24.24	24.18	25.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.10	24.17	24.12	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.31	24.27	24.26	25.5	0.0
40	PI/2 BPSK	1	108	24.26	24.34	24.21		
40	PI/2 BPSK	1	214	24.26	24.25	24.20		
40	PI/2 BPSK	108	0	23.83	23.93	23.80	25.0	0.5
40	PI/2 BPSK	108	54	24.34	24.34	24.26	25.5	0.0
40	PI/2 BPSK	108	108	23.88	23.93	23.84	25.0	0.5
40	PI/2 BPSK	216	0	23.84	23.88	23.79		
40	QPSK	1	1	24.37	24.39	24.33	25.5	0.0
40	QPSK	1	108	24.30	24.29	24.30		
40	QPSK	1	214	24.25	24.35	24.30		
40	QPSK	108	0	23.11	23.28	23.25	24.5	1.0
40	QPSK	108	54	24.28	24.31	24.25	25.5	0.0
40	QPSK	108	108	23.19	23.25	23.24	24.5	1.0
40	QPSK	216	0	23.25	23.36	23.31		
40	16QAM	1	1	23.11	23.18	23.13	24.5	1.0
40	64QAM	1	1	21.57	21.65	21.61	23.0	2.5
40	256QAM	1	1	19.49	19.56	19.46	21.0	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	24.25	24.33	24.30	25.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.33	24.34	24.21	25.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.35	24.27	24.23	25.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.31	24.31	24.29	25.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.28	24.28	24.20	25.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.34	24.32	24.26	25.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.27	24.35	24.22	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.15	24.12	24.16	25.5	0.0
40	PI/2 BPSK	1	53	24.15	24.09	24.15		
40	PI/2 BPSK	1	104	24.20	24.15	24.13		
40	PI/2 BPSK	50	0	23.65	23.76	23.62	25.0	0.5
40	PI/2 BPSK	50	28	24.19	24.06	24.15	25.5	0.0
40	PI/2 BPSK	50	56	23.78	23.77	23.72	25.0	0.5
40	PI/2 BPSK	100	0	23.76	23.75	23.76		
40	QPSK	1	1	24.21	24.28	24.27	25.5	0.0
40	QPSK	1	53	24.21	24.25	24.19		
40	QPSK	1	104	24.22	24.18	24.06		
40	QPSK	50	0	22.91	22.98	22.89	24.5	1.0
40	QPSK	50	28	23.96	24.02	23.99	25.5	0.0
40	QPSK	50	56	22.83	22.97	22.98	24.5	1.0
40	QPSK	100	0	22.95	23.05	23.00		
40	16QAM	1	1	22.86	22.87	22.81	24.5	1.0
40	64QAM	1	1	21.34	21.53	21.37	23.0	2.5
40	256QAM	1	1	19.37	19.44	19.39	21.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.10	24.16	24.17	25.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	24.16	24.26	24.19	25.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.17	24.18	24.22	25.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.10	24.25	24.19	25.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.12	24.23	24.19	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.78	23.88	23.81	25.5	0.0
100	PI/2 BPSK	1	137	23.77	23.91	23.80		
100	PI/2 BPSK	1	271	23.82	23.87	23.85		
100	PI/2 BPSK	135	0	23.41	23.49	23.38	25.0	0.5
100	PI/2 BPSK	135	69	23.83	23.96	23.86	25.5	0.0
100	PI/2 BPSK	135	138	23.33	23.45	23.37	25.0	0.5
100	PI/2 BPSK	270	0	23.32	23.44	23.40		
100	QPSK	1	1	23.87	23.98	23.92	25.5	0.0
100	QPSK	1	137	23.79	23.87	23.81		
100	QPSK	1	271	23.82	23.86	23.87		
100	QPSK	135	0	23.66	23.82	23.66	24.5	1.0
100	QPSK	135	69	23.88	23.90	23.81	25.5	0.0
100	QPSK	135	138	23.67	23.81	23.75	24.5	1.0
100	QPSK	270	0	23.76	23.84	23.78		
100	16QAM	1	1	23.70	23.79	23.72	24.5	1.0
100	64QAM	1	1	22.69	22.76	22.74	23.0	2.5
100	256QAM	1	1	20.85	20.91	20.88	21.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.84	23.86	23.85	25.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.77	23.92	23.82	25.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.85	23.89	23.89	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.74	23.94	23.87	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.76	23.89	23.81	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.83	23.90	23.88	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.83	23.93	23.83	25.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	23.75	23.91	23.87	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.74	23.89	23.82	25.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.77	23.88	23.84	25.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.79	23.85	23.84	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.81	24.94	24.88	26.5	0.0
100	PI/2 BPSK	1	137	24.75	25.01	24.83		
100	PI/2 BPSK	1	271	24.78	24.93	24.91		
100	PI/2 BPSK	135	0	24.39	24.50	24.39	26.0	0.5
100	PI/2 BPSK	135	69	24.77	24.92	24.82	26.5	0.0
100	PI/2 BPSK	135	138	24.33	24.52	24.38	26.0	0.5
100	PI/2 BPSK	270	0	24.36	24.48	24.42		
100	QPSK	1	1	24.85	25.03	24.93	26.5	0.0
100	QPSK	1	137	24.74	24.90	24.80		
100	QPSK	1	271	24.75	24.95	24.86		
100	QPSK	135	0	24.32	24.29	24.26	25.5	1.0
100	QPSK	135	69	24.78	24.82	24.76	26.5	0.0
100	QPSK	135	138	24.32	24.31	24.32	25.5	1.0
100	QPSK	270	0	24.38	24.41	24.35		
100	16QAM	1	1	24.32	24.33	24.28	25.5	1.0
100	64QAM	1	1	22.76	22.83	22.79	24.0	2.5
100	256QAM	1	1	20.38	20.43	20.35	22.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.82	24.95	24.90	26.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	24.71	24.99	24.91	26.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.72	25.00	24.82	26.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.71	24.90	24.89	26.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.76	24.94	24.90	26.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.77	25.00	24.79	26.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.78	24.90	24.80	26.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	24.82	24.95	24.89	26.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.75	25.01	24.82	26.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.78	24.91	24.81	26.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.74	24.95	24.88	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	25.26	25.30	25.19	25.7	0.0
40	PI/2 BPSK	1	53	25.18	25.26	25.17		
40	PI/2 BPSK	1	104	25.30	25.29	25.22		
40	PI/2 BPSK	50	0	24.85	24.88	24.88	25.2	0.5
40	PI/2 BPSK	50	28	25.28	25.29	25.15	25.7	0.0
40	PI/2 BPSK	50	56	24.91	24.84	24.87	25.2	0.5
40	PI/2 BPSK	100	0	24.86	24.91	24.83		
40	QPSK	1	1	25.35	25.37	25.30	25.7	0.0
40	QPSK	1	53	25.21	25.25	25.21		
40	QPSK	1	104	25.27	25.35	25.24		
40	QPSK	50	0	24.00	24.17	24.09	24.7	1.0
40	QPSK	50	28	25.17	25.23	25.20	25.7	0.0
40	QPSK	50	56	24.20	24.13	24.18	24.7	1.0
40	QPSK	100	0	24.13	24.24	24.18		
40	16QAM	1	1	24.04	24.05	24.01	24.7	1.0
40	64QAM	1	1	22.63	22.71	22.56	23.2	2.5
40	256QAM	1	1	20.63	20.62	20.51	21.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	25.24	25.30	25.25	25.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	25.25	25.34	25.24	25.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	25.21	25.32	25.28	25.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	25.32	25.29	25.27	25.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	25.28	25.28	25.26	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	25.22	25.29	25.19	25.7	0.0
100	PI/2 BPSK	1	137	25.27	25.24	25.29		
100	PI/2 BPSK	1	271	25.16	25.20	25.26		
100	PI/2 BPSK	135	0	25.22	25.23	25.18	25.7	0.0
100	PI/2 BPSK	135	69	25.16	25.28	25.30	25.7	0.0
100	PI/2 BPSK	135	138	25.22	25.22	25.24	25.7	0.0
100	PI/2 BPSK	270	0	25.21	25.20	25.30		
100	QPSK	1	1	25.29	25.33	25.32	25.7	0.0
100	QPSK	1	137	25.19	25.20	25.29		
100	QPSK	1	271	25.20	25.28	25.19		
100	QPSK	135	0	25.19	25.20	25.21	25.7	0.0
100	QPSK	135	69	25.22	25.30	25.27	25.7	0.0
100	QPSK	135	138	25.21	25.29	25.27	25.7	0.0
100	QPSK	270	0	25.16	25.23	25.21		
100	16QAM	1	1	25.19	25.18	25.31	25.7	0.0
100	64QAM	1	1	23.68	23.76	23.81	24.2	1.5
100	256QAM	1	1	21.66	21.72	21.72	22.2	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.19	25.21	25.29	25.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	25.24	25.24	25.25	25.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.22	25.29	25.26	25.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.18	25.31	25.29	25.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.19	25.25	25.30	25.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.25	25.22	25.18	25.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.22	25.20	25.28	25.7	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	25.16	25.24	25.23	25.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.26	25.20	25.20	25.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.24	25.29	25.29	25.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.20	25.24	25.27	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	26.21	26.22	26.29	27.0	0.0
100	PI/2 BPSK	1	137	26.20	26.24	26.22		
100	PI/2 BPSK	1	271	26.18	26.29	26.19		
100	PI/2 BPSK	135	0	25.76	25.90	25.82	26.5	0.5
100	PI/2 BPSK	135	69	26.15	26.24	26.22	27.0	0.0
100	PI/2 BPSK	135	138	25.74	25.84	25.81	26.5	0.5
100	PI/2 BPSK	270	0	25.75	25.89	25.85		
100	QPSK	1	1	26.27	26.35	26.33	27.0	0.0
100	QPSK	1	137	26.22	26.23	26.26		
100	QPSK	1	271	26.18	26.24	26.21		
100	QPSK	135	0	25.21	25.31	25.29	26.0	1.0
100	QPSK	135	69	26.22	26.32	26.28	27.0	0.0
100	QPSK	135	138	25.21	25.33	25.34	26.0	1.0
100	QPSK	270	0	25.30	25.38	25.29		
100	16QAM	1	1	25.22	25.30	25.38	26.0	1.0
100	64QAM	1	1	23.81	23.87	23.84	24.5	2.5
100	256QAM	1	1	21.76	21.85	21.81	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.23	26.24	26.24	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	26.14	26.22	26.29	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.13	26.21	26.29	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.25	26.22	26.23	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.17	26.31	26.23	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.15	26.21	26.24	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.18	26.29	26.21	27.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	26.19	26.27	26.24	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.22	26.29	26.31	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.15	26.27	26.28	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.25	26.32	26.30	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.24	23.41	23.40	24.5	0.0
40	PI/2 BPSK	1	53	23.25	23.36	23.33		
40	PI/2 BPSK	1	104	23.30	23.43	23.31		
40	PI/2 BPSK	50	0	22.87	23.02	22.91	24.0	0.5
40	PI/2 BPSK	50	28	23.26	23.43	23.40	24.5	0.0
40	PI/2 BPSK	50	56	22.83	22.91	22.93	24.0	0.5
40	PI/2 BPSK	100	0	22.82	22.91	22.89		
40	QPSK	1	1	23.38	23.46	23.44	24.5	0.0
40	QPSK	1	53	23.28	23.35	23.38		
40	QPSK	1	104	23.33	23.39	23.35		
40	QPSK	50	0	22.25	22.29	22.13	23.5	1.0
40	QPSK	50	28	23.20	23.24	23.18	24.5	0.0
40	QPSK	50	56	22.16	22.23	22.19	23.5	1.0
40	QPSK	100	0	22.28	22.32	22.25		
40	16QAM	1	1	22.11	22.16	22.10	23.5	1.0
40	64QAM	1	1	20.65	20.72	20.68	22.0	2.5
40	256QAM	1	1	18.66	18.69	18.62	20.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.28	23.41	23.39	24.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.34	23.37	23.36	24.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.32	23.35	23.41	24.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.29	23.36	23.41	24.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.28	23.44	23.39	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.84	23.09	22.98	24.0	0.0
100	PI/2 BPSK	1	137	22.91	23.09	22.88		
100	PI/2 BPSK	1	271	22.92	23.00	22.89		
100	PI/2 BPSK	135	0	22.51	22.56	22.58	23.5	0.5
100	PI/2 BPSK	135	69	22.89	23.12	23.02	24.0	0.0
100	PI/2 BPSK	135	138	22.45	22.61	22.52	23.5	0.5
100	PI/2 BPSK	270	0	22.58	22.58	22.58		
100	QPSK	1	1	23.05	23.14	23.06	24.0	0.0
100	QPSK	1	137	22.92	23.03	22.96		
100	QPSK	1	271	22.88	23.11	23.06		
100	QPSK	135	0	22.02	22.07	22.00	23.0	1.0
100	QPSK	135	69	22.98	23.08	23.05	24.0	0.0
100	QPSK	135	138	22.02	22.08	21.99	23.0	1.0
100	QPSK	270	0	21.90	22.12	21.98		
100	16QAM	1	1	22.06	22.07	21.98	23.0	1.0
100	64QAM	1	1	20.44	20.59	20.52	21.5	2.5
100	256QAM	1	1	18.48	18.65	18.56	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.94	23.06	23.00	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.93	23.08	22.95	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.97	23.11	22.92	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.94	23.04	22.94	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.98	23.02	22.93	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.93	23.09	23.03	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.91	23.06	23.01	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.99	23.11	22.99	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.00	23.00	22.93	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.01	23.12	22.98	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.91	23.07	23.03	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.88	24.06	23.95	25.0	0.0
100	PI/2 BPSK	1	137	23.93	24.05	23.93		
100	PI/2 BPSK	1	271	23.93	23.97	23.91		
100	PI/2 BPSK	135	0	23.49	23.58	23.53	24.5	0.5
100	PI/2 BPSK	135	69	23.90	24.08	24.01	25.0	0.0
100	PI/2 BPSK	135	138	23.47	23.62	23.52	24.5	0.5
100	PI/2 BPSK	270	0	23.55	23.55	23.59		
100	QPSK	1	1	24.00	24.10	24.04	25.0	0.0
100	QPSK	1	137	23.89	24.01	23.91		
100	QPSK	1	271	23.92	24.06	24.02		
100	QPSK	135	0	23.02	23.08	23.04	24.0	1.0
100	QPSK	135	69	23.96	24.07	24.01	25.0	0.0
100	QPSK	135	138	23.03	23.04	22.99	24.0	1.0
100	QPSK	270	0	22.95	23.14	23.01		
100	16QAM	1	1	23.02	23.08	22.99	24.0	1.0
100	64QAM	1	1	21.46	21.64	21.54	22.5	2.5
100	256QAM	1	1	19.49	19.64	19.58	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.97	23.97	23.92	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.95	24.06	23.98	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.87	24.04	23.96	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.95	24.02	24.00	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.92	23.97	23.91	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.87	24.01	23.93	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.90	24.05	23.99	25.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	23.97	24.06	23.98	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.95	24.01	23.99	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.93	23.97	24.00	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.89	23.96	23.97	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.28	24.29	24.34	25.5	0.0
40	PI/2 BPSK	1	53	24.35	24.30	24.28		
40	PI/2 BPSK	1	104	24.32	24.28	24.32		
40	PI/2 BPSK	50	0	23.86	23.89	23.87	25.0	0.5
40	PI/2 BPSK	50	28	24.33	24.36	24.31	25.5	0.0
40	PI/2 BPSK	50	56	23.89	23.96	23.93	25.0	0.5
40	PI/2 BPSK	100	0	23.85	23.97	23.93		
40	QPSK	1	1	24.40	24.42	24.38	25.5	0.0
40	QPSK	1	53	24.36	24.29	24.25		
40	QPSK	1	104	24.32	24.30	24.29		
40	QPSK	50	0	23.15	23.22	23.13	24.5	1.0
40	QPSK	50	28	24.25	24.28	24.21	25.5	0.0
40	QPSK	50	56	23.13	23.19	23.17	24.5	1.0
40	QPSK	100	0	23.25	23.27	23.21		
40	16QAM	1	1	23.15	23.18	23.13	24.5	1.0
40	64QAM	1	1	21.69	21.72	21.66	23.0	2.5
40	256QAM	1	1	19.60	19.64	19.58	21.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.32	24.38	24.28	25.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	24.38	24.35	24.33	25.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.36	24.37	24.24	25.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.38	24.38	24.25	25.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.38	24.30	24.28	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.31	24.44	24.37	25.5	0.0
100	PI/2 BPSK	1	137	24.33	24.43	24.37		
100	PI/2 BPSK	1	271	24.27	24.41	24.35		
100	PI/2 BPSK	135	0	23.89	24.03	23.86	25.0	0.5
100	PI/2 BPSK	135	69	24.26	24.37	24.37	25.5	0.0
100	PI/2 BPSK	135	138	23.84	23.94	23.88	25.0	0.5
100	PI/2 BPSK	270	0	23.91	23.95	23.98		
100	QPSK	1	1	24.38	24.48	24.42	25.5	0.0
100	QPSK	1	137	24.30	24.35	24.40		
100	QPSK	1	271	24.27	24.37	24.36		
100	QPSK	135	0	23.89	23.93	23.83	24.5	1.0
100	QPSK	135	69	24.30	24.35	24.28	25.5	0.0
100	QPSK	135	138	23.96	23.88	23.86	24.5	1.0
100	QPSK	270	0	23.98	24.00	23.95		
100	16QAM	1	1	24.01	24.06	23.98	24.5	1.0
100	64QAM	1	1	22.65	22.66	22.61	23.0	2.5
100	256QAM	1	1	20.82	20.86	20.78	21.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.36	24.41	24.34	25.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	24.33	24.41	24.39	25.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.25	24.43	24.36	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.34	24.43	24.30	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.27	24.39	24.30	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.30	24.38	24.32	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.34	24.35	24.38	25.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	24.35	24.46	24.33	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.35	24.34	24.36	25.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.31	24.45	24.35	25.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.34	24.40	24.29	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.30	25.31	25.29	26.5	0.0
100	PI/2 BPSK	1	137	25.24	25.37	25.29		
100	PI/2 BPSK	1	271	25.23	25.36	25.34		
100	PI/2 BPSK	135	0	24.79	24.98	24.87	26.0	0.5
100	PI/2 BPSK	135	69	25.29	25.39	25.29	26.5	0.0
100	PI/2 BPSK	135	138	24.80	24.86	24.93	26.0	0.5
100	PI/2 BPSK	270	0	24.87	24.92	24.87		
100	QPSK	1	1	25.35	25.42	25.39	26.5	0.0
100	QPSK	1	137	25.26	25.31	25.29		
100	QPSK	1	271	25.29	25.35	25.33		
100	QPSK	135	0	24.25	24.29	24.30	25.5	1.0
100	QPSK	135	69	25.29	25.33	25.30	26.5	0.0
100	QPSK	135	138	24.24	24.31	24.29	25.5	1.0
100	QPSK	270	0	24.35	24.38	24.33		
100	16QAM	1	1	24.28	24.33	24.25	25.5	1.0
100	64QAM	1	1	22.58	22.67	22.61	24.0	2.5
100	256QAM	1	1	20.59	20.67	20.63	22.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.29	25.32	25.26	26.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	25.32	25.36	25.31	26.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.27	25.38	25.25	26.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.21	25.36	25.31	26.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.24	25.31	25.26	26.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.23	25.28	25.32	26.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.24	25.30	25.37	26.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	25.24	25.31	25.28	26.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.25	25.38	25.30	26.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.32	25.34	25.33	26.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.30	25.33	25.33	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.49	20.55	20.57	22.0	0.0
40	PI/2 BPSK	1	53	20.43	20.62	20.50		
40	PI/2 BPSK	1	104	20.53	20.56	20.57		
40	PI/2 BPSK	50	0	20.13	20.06	20.09	21.5	0.5
40	PI/2 BPSK	50	28	20.44	20.49	20.52	22.0	0.0
40	PI/2 BPSK	50	56	20.11	20.19	20.02	21.5	0.5
40	PI/2 BPSK	100	0	20.05	20.20	20.08		
40	QPSK	1	1	20.54	20.67	20.57	22.0	0.0
40	QPSK	1	53	20.48	20.57	20.50		
40	QPSK	1	104	20.46	20.56	20.54		
40	QPSK	50	0	19.45	19.50	19.44	21.0	1.0
40	QPSK	50	28	20.57	20.58	20.47	22.0	0.0
40	QPSK	50	56	19.37	19.54	19.44	21.0	1.0
40	QPSK	100	0	19.47	19.57	19.55		
40	16QAM	1	1	19.45	19.48	19.38	21.0	1.0
40	64QAM	1	1	18.18	18.25	18.22	19.5	2.5
40	256QAM	1	1	16.22	16.26	16.19	17.5	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.49	20.61	20.45	22.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	20.41	20.55	20.51	22.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.49	20.59	20.51	22.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	20.42	20.56	20.49	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.82	22.02	21.97	23.5	0.0
100	PI/2 BPSK	1	137	21.78	22.03	21.94		
100	PI/2 BPSK	1	271	21.74	21.98	21.97		
100	PI/2 BPSK	135	0	21.71	21.94	21.88	23.5	0.0
100	PI/2 BPSK	135	69	21.80	21.96	21.93	23.5	0.0
100	PI/2 BPSK	135	138	21.80	21.99	21.97	23.5	0.0
100	PI/2 BPSK	270	0	21.72	21.91	21.96		
100	QPSK	1	1	21.91	22.12	22.08	23.5	0.0
100	QPSK	1	137	21.80	21.99	21.90		
100	QPSK	1	271	21.74	21.98	21.98		
100	QPSK	135	0	21.81	22.02	21.93	23.5	0.0
100	QPSK	135	69	21.87	22.08	21.98	23.5	0.0
100	QPSK	135	138	21.81	21.93	21.88	23.5	0.0
100	QPSK	270	0	21.88	22.05	22.04		
100	16QAM	1	1	21.80	21.94	21.87	23.5	0.0
100	64QAM	1	1	21.35	21.39	21.33	23.0	0.5
100	256QAM	1	1	19.28	19.36	19.32	21.0	2.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.86	22.05	21.98	23.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.85	22.07	22.02	23.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.85	22.01	22.01	23.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.86	22.05	21.95	23.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.83	22.08	22.02	23.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.84	22.05	22.01	23.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.85	22.02	22.01	23.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.88	22.10	22.05	23.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.77	22.02	22.04	23.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.88	22.01	22.03	23.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.84	21.99	21.96	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.89	24.07	23.98	25.5	0.0
100	PI/2 BPSK	1	137	23.86	24.02	23.99		
100	PI/2 BPSK	1	271	23.93	24.00	24.00		
100	PI/2 BPSK	135	0	23.52	23.58	23.53	25.0	0.5
100	PI/2 BPSK	135	69	23.88	24.00	24.03	25.5	0.0
100	PI/2 BPSK	135	138	23.51	23.60	23.61	25.0	0.5
100	PI/2 BPSK	270	0	23.47	23.63	23.58		
100	QPSK	1	1	23.98	24.13	24.05	25.5	0.0
100	QPSK	1	137	23.92	24.08	24.01		
100	QPSK	1	271	23.84	24.10	24.00		
100	QPSK	135	0	22.87	22.89	22.86	24.5	1.0
100	QPSK	135	69	23.85	23.87	23.82	25.5	0.0
100	QPSK	135	138	22.87	22.93	22.85	24.5	1.0
100	QPSK	270	0	23.00	23.02	22.95		
100	16QAM	1	1	22.72	22.77	22.75	24.5	1.0
100	64QAM	1	1	21.39	21.44	21.41	23.0	2.5
100	256QAM	1	1	19.30	19.32	19.28	21.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.90	24.05	24.02	25.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.93	24.07	24.00	25.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.93	24.04	24.00	25.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.92	24.05	24.01	25.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.95	24.11	23.92	25.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.90	24.10	23.97	25.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.90	24.03	23.96	25.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.94	24.09	23.94	25.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.90	24.06	23.99	25.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.88	24.06	24.02	25.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.93	24.11	23.98	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.92		23.5	0.0
100	PI/2 BPSK	1	137		21.95			
100	PI/2 BPSK	1	271		21.95			
100	PI/2 BPSK	135	0		21.89		23.5	0.0
100	PI/2 BPSK	135	69		21.82		23.5	0.0
100	PI/2 BPSK	135	138		21.85		23.5	0.0
100	PI/2 BPSK	270	0		21.83			
100	QPSK	1	1		21.96		23.5	0.0
100	QPSK	1	137		21.84			
100	QPSK	1	271		21.94			
100	QPSK	135	0		21.65		23.5	0.0
100	QPSK	135	69		21.69		23.5	0.0
100	QPSK	135	138		21.58		23.5	0.0
100	QPSK	270	0		21.65			
100	16QAM	1	1		21.64		23.5	0.0
100	64QAM	1	1		21.26		23.0	0.5
100	256QAM	1	1		19.27		21.0	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.68	21.95	21.88	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.70	21.91	21.89	23.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.77	21.89	21.82	23.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.70	21.94	21.87	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.73	21.90	21.82	23.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.77	21.90	21.79	23.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.71	21.88	21.80	23.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.78	21.91	21.83	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.77	21.94	21.86	23.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.75	21.90	21.82	23.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.68	21.92	21.90	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.93		25.5	0.0
100	PI/2 BPSK	1	137		23.94			
100	PI/2 BPSK	1	271		23.82			
100	PI/2 BPSK	135	0		23.46		25.0	0.5
100	PI/2 BPSK	135	69		23.89		25.5	0.0
100	PI/2 BPSK	135	138		23.43		25.0	0.5
100	PI/2 BPSK	270	0		23.51			
100	QPSK	1	1		24.04		25.5	0.0
100	QPSK	1	137		23.90			
100	QPSK	1	271		23.95			
100	QPSK	135	0		22.70		24.5	1.0
100	QPSK	135	69		23.74		25.5	0.0
100	QPSK	135	138		22.79		24.5	1.0
100	QPSK	270	0		22.94			
100	16QAM	1	1		22.70		24.5	1.0
100	64QAM	1	1		21.32		23.0	2.5
100	256QAM	1	1		19.19		21.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.78	23.91	23.85	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.80	23.88	23.83	25.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.78	23.95	23.94	25.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.72	23.96	23.86	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.81	23.88	23.90	25.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.82	23.89	23.93	25.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.79	23.91	23.95	25.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.74	23.97	23.87	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.82	23.94	23.90	25.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.75	23.91	23.86	25.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.73	23.91	23.92	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.93		23.0	0.0
100	PI/2 BPSK	1	137		21.91			
100	PI/2 BPSK	1	271		21.99			
100	PI/2 BPSK	135	0		21.89		23.0	0.0
100	PI/2 BPSK	135	69		21.94		23.0	0.0
100	PI/2 BPSK	135	138		21.90		23.0	0.0
100	PI/2 BPSK	270	0		21.88			
100	QPSK	1	1		22.01		23.0	0.0
100	QPSK	1	137		21.97			
100	QPSK	1	271		21.90			
100	QPSK	135	0		21.80		23.0	0.0
100	QPSK	135	69		21.97		23.0	0.0
100	QPSK	135	138		21.83		23.0	0.0
100	QPSK	270	0		21.85			
100	16QAM	1	1		21.88		23.0	0.0
100	64QAM	1	1		21.33		22.5	0.5
100	256QAM	1	1		19.32		20.5	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.86	21.95	21.93	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.88	21.95	21.92	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.87	21.95	21.91	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.86	21.86	21.93	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.86	21.87	21.84	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.84	21.96	21.83	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.88	21.87	21.93	23.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.87	21.94	21.90	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.84	21.92	21.91	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.91	21.85	21.82	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.86	21.92	21.90	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.91		25.0	0.0
100	PI/2 BPSK	1	137		23.90			
100	PI/2 BPSK	1	271		23.89			
100	PI/2 BPSK	135	0		23.48		24.5	0.5
100	PI/2 BPSK	135	69		23.90		25.0	0.0
100	PI/2 BPSK	135	138		23.44		24.5	0.5
100	PI/2 BPSK	270	0		23.40			
100	QPSK	1	1		23.93		25.0	0.0
100	QPSK	1	137		23.87			
100	QPSK	1	271		23.86			
100	QPSK	135	0		22.85		24.0	1.0
100	QPSK	135	69		23.81		25.0	0.0
100	QPSK	135	138		22.89		24.0	1.0
100	QPSK	270	0		22.93			
100	16QAM	1	1		22.85		24.0	1.0
100	64QAM	1	1		21.28		22.5	2.5
100	256QAM	1	1		19.33		20.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.90	23.91	23.90	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.85	23.87	23.79	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.83	23.83	23.77	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.78	23.78	23.77	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.84	23.82	23.78	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.83	23.81	23.82	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.85	23.85	23.82	25.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.85	23.79	23.81	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.77	23.81	23.85	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.80	23.86	23.82	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.81	23.78	23.83	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.67		23.0	0.0
100	PI/2 BPSK	1	137		21.65			
100	PI/2 BPSK	1	271		21.65			
100	PI/2 BPSK	135	0		21.63		23.0	0.0
100	PI/2 BPSK	135	69		21.67		23.0	0.0
100	PI/2 BPSK	135	138		21.59		23.0	0.0
100	PI/2 BPSK	270	0		21.55			
100	QPSK	1	1		21.73		23.0	0.0
100	QPSK	1	137		21.63			
100	QPSK	1	271		21.59			
100	QPSK	135	0		21.47		23.0	0.0
100	QPSK	135	69		21.67		23.0	0.0
100	QPSK	135	138		21.51		23.0	0.0
100	QPSK	270	0		21.58			
100	16QAM	1	1		21.55		23.0	0.0
100	64QAM	1	1		21.04		22.5	0.5
100	256QAM	1	1		19.01		20.5	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.60	21.64	21.68	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.52	21.63	21.59	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.61	21.65	21.59	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.59	21.64	21.67	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.59	21.62	21.58	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.51	21.65	21.62	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.62	21.65	21.68	23.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.50	21.61	21.59	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.61	21.71	21.61	23.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.51	21.65	21.63	23.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.59	21.60	21.60	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.65		25.0	0.0
100	PI/2 BPSK	1	137		23.60			
100	PI/2 BPSK	1	271		23.57			
100	PI/2 BPSK	135	0		23.20		24.5	0.5
100	PI/2 BPSK	135	69		23.59		25.0	0.0
100	PI/2 BPSK	135	138		23.08		24.5	0.5
100	PI/2 BPSK	270	0		23.05			
100	QPSK	1	1		23.66		25.0	0.0
100	QPSK	1	137		23.56			
100	QPSK	1	271		23.62			
100	QPSK	135	0		22.60		24.0	1.0
100	QPSK	135	69		23.48		25.0	0.0
100	QPSK	135	138		22.65		24.0	1.0
100	QPSK	270	0		22.60			
100	16QAM	1	1		22.58		24.0	1.0
100	64QAM	1	1		20.98		22.5	2.5
100	256QAM	1	1		19.06		20.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.58	23.56	23.64	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.58	23.60	23.55	25.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.61	23.58	23.57	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.56	23.60	23.59	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.60	23.56	23.54	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.61	23.56	23.63	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.60	23.64	23.61	25.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.62	23.59	23.63	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.62	23.60	23.63	25.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.54	23.58	23.54	25.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.58	23.65	23.55	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	24.04	24.16	24.11	25.0	0.0
40	PI/2 BPSK	1	53	24.15	24.17	24.16		
40	PI/2 BPSK	1	104	24.06	24.23	24.14		
40	PI/2 BPSK	50	0	23.88	23.76	23.89	24.5	0.5
40	PI/2 BPSK	50	28	24.07	24.23	24.14	25.0	0.0
40	PI/2 BPSK	50	56	23.67	23.84	23.74	24.5	0.5
40	PI/2 BPSK	100	0	23.69	23.79	23.70		
40	QPSK	1	1	24.18	24.29	24.25	25.0	0.0
40	QPSK	1	53	24.07	24.15	24.14		
40	QPSK	1	104	24.10	24.20	24.16		
40	QPSK	50	0	23.11	23.03	23.08	24.0	1.0
40	QPSK	50	28	24.15	24.17	24.10	25.0	0.0
40	QPSK	50	56	23.03	23.09	23.07	24.0	1.0
40	QPSK	100	0	23.15	23.17	23.11		
40	16QAM	1	1	23.11	23.12	23.08	24.0	1.0
40	64QAM	1	1	21.62	21.68	21.60	22.5	2.5
40	256QAM	1	1	19.58	19.67	19.62	20.5	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	24.08	24.24	24.11	25.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	24.06	24.25	24.20	25.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	24.13	24.18	24.17	25.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	24.06	24.22	24.12	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.24	25.29	25.24	26.0	0.0
100	PI/2 BPSK	1	137	25.22	25.35	25.16		
100	PI/2 BPSK	1	271	25.20	25.29	25.20		
100	PI/2 BPSK	135	0	25.20	25.28	25.16	26.0	0.0
100	PI/2 BPSK	135	69	25.29	25.31	25.25	26.0	0.0
100	PI/2 BPSK	135	138	25.25	25.33	25.19	26.0	0.0
100	PI/2 BPSK	270	0	25.27	25.34	25.20		
100	QPSK	1	1	25.33	25.38	25.30	26.0	0.0
100	QPSK	1	137	25.25	25.34	25.17		
100	QPSK	1	271	25.19	25.30	25.20		
100	QPSK	135	0	24.88	24.93	24.85	26.0	0.0
100	QPSK	135	69	25.05	25.09	25.01	26.0	0.0
100	QPSK	135	138	24.86	24.94	24.90	26.0	0.0
100	QPSK	270	0	24.95	25.01	24.98		
100	16QAM	1	1	25.10	25.15	25.08	26.0	0.0
100	64QAM	1	1	24.71	24.83	24.77	25.5	0.5
100	256QAM	1	1	22.66	22.73	22.69	23.5	2.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.19	25.28	25.22	26.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.20	25.34	25.16	26.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.31	25.34	25.17	26.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.23	25.30	25.26	26.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.22	25.35	25.26	26.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.24	25.35	25.25	26.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.22	25.26	25.22	26.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.22	25.26	25.22	26.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.27	25.32	25.17	26.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.30	25.32	25.20	26.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.24	25.36	25.23	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	27.13	27.32	27.17	28.5	0.0
100	PI/2 BPSK	1	137	27.16	27.25	27.27		
100	PI/2 BPSK	1	271	27.16	27.24	27.26		
100	PI/2 BPSK	135	0	26.73	26.84	26.75	28.0	0.5
100	PI/2 BPSK	135	69	27.20	27.29	27.23	28.5	0.0
100	PI/2 BPSK	135	138	26.80	26.81	26.81	28.0	0.5
100	PI/2 BPSK	270	0	26.82	26.82	26.78		
100	QPSK	1	1	27.26	27.35	27.30	28.5	0.0
100	QPSK	1	137	27.23	27.23	27.27		
100	QPSK	1	271	27.21	27.33	27.24		
100	QPSK	135	0	26.07	26.11	26.01	27.5	1.0
100	QPSK	135	69	26.95	27.03	26.99	28.5	0.0
100	QPSK	135	138	26.09	26.12	26.01	27.5	1.0
100	QPSK	270	0	26.18	26.22	26.15		
100	16QAM	1	1	26.10	26.15	26.08	27.5	1.0
100	64QAM	1	1	24.51	24.63	24.58	26.0	2.5
100	256QAM	1	1	22.66	22.74	22.70	24.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	27.15	27.24	27.28	28.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	27.18	27.26	27.20	28.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	27.15	27.22	27.17	28.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	27.15	27.28	27.21	28.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	27.24	27.22	27.20	28.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	27.18	27.22	27.24	28.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	27.16	27.30	27.22	28.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	27.24	27.23	27.24	28.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	27.20	27.28	27.25	28.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	27.22	27.31	27.23	28.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	27.20	27.22	27.17	28.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.25		26.0	0.0
100	PI/2 BPSK	1	137		25.29			
100	PI/2 BPSK	1	271		25.26			
100	PI/2 BPSK	135	0		25.34		26.0	0.0
100	PI/2 BPSK	135	69		25.28		26.0	0.0
100	PI/2 BPSK	135	138		25.21		26.0	0.0
100	PI/2 BPSK	270	0		25.15			
100	QPSK	1	1		25.38		26.0	0.0
100	QPSK	1	137		25.30			
100	QPSK	1	271		25.35			
100	QPSK	135	0		25.03		26.0	0.0
100	QPSK	135	69		25.29		26.0	0.0
100	QPSK	135	138		24.91		26.0	0.0
100	QPSK	270	0		25.11			
100	16QAM	1	1		25.35		26.0	0.0
100	64QAM	1	1		24.85		25.5	0.5
100	256QAM	1	1		22.72		23.5	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.19	25.18	25.21	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.17	25.22	25.17	26.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.09	25.17	25.15	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.15	25.24	25.16	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.15	25.16	25.21	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.14	25.20	25.22	26.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.17	25.18	25.21	26.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.18	25.17	25.20	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.17	25.20	25.15	26.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.16	25.19	25.22	26.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.12	25.25	25.21	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		27.39		28.5	0.0
100	PI/2 BPSK	1	137		27.30			
100	PI/2 BPSK	1	271		27.35			
100	PI/2 BPSK	135	0		26.85		28.0	0.5
100	PI/2 BPSK	135	69		27.22		28.5	0.0
100	PI/2 BPSK	135	138		26.92		28.0	0.5
100	PI/2 BPSK	270	0		26.84			
100	QPSK	1	1		27.41		28.5	0.0
100	QPSK	1	137		27.40			
100	QPSK	1	271		27.35			
100	QPSK	135	0		26.36		27.5	1.0
100	QPSK	135	69		27.33		28.5	0.0
100	QPSK	135	138		26.25		27.5	1.0
100	QPSK	270	0		26.39			
100	16QAM	1	1		26.30		27.5	1.0
100	64QAM	1	1		24.98		26.0	2.5
100	256QAM	1	1		22.91		24.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.29	27.35	27.31	28.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	27.24	27.30	27.26	28.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	27.17	27.30	27.25	28.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	27.24	27.28	27.27	28.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	27.18	27.27	27.28	28.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	27.20	27.27	27.19	28.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	27.16	27.26	27.28	28.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	27.24	27.25	27.23	28.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	27.21	27.29	27.29	28.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	27.24	27.28	27.25	28.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	27.15	27.23	27.21	28.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.99		26.0	0.0
100	PI/2 BPSK	1	137		24.99			
100	PI/2 BPSK	1	271		25.06			
100	PI/2 BPSK	135	0		25.05		26.0	0.0
100	PI/2 BPSK	135	69		25.04		26.0	0.0
100	PI/2 BPSK	135	138		25.10		26.0	0.0
100	PI/2 BPSK	270	0		25.01			
100	QPSK	1	1		25.13		26.0	0.0
100	QPSK	1	137		25.11			
100	QPSK	1	271		25.05			
100	QPSK	135	0		24.95		26.0	0.0
100	QPSK	135	69		25.12		26.0	0.0
100	QPSK	135	138		25.08		26.0	0.0
100	QPSK	270	0		25.04			
100	16QAM	1	1		24.97		26.0	0.0
100	64QAM	1	1		24.62		25.5	0.5
100	256QAM	1	1		22.58		23.5	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.96	25.06	25.00	26.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.93	25.03	24.94	26.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.91	24.97	24.94	26.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.94	24.99	24.94	26.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.92	25.02	24.87	26.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.88	24.98	24.93	26.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.87	24.98	24.97	26.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.87	25.03	24.97	26.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.88	24.93	24.93	26.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.91	25.03	24.96	26.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.89	24.94	24.86	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		26.99		28.5	0.0
100	PI/2 BPSK	1	137		26.98			
100	PI/2 BPSK	1	271		27.00			
100	PI/2 BPSK	135	0		26.53		28.0	0.5
100	PI/2 BPSK	135	69		26.94		28.5	0.0
100	PI/2 BPSK	135	138		26.61		28.0	0.5
100	PI/2 BPSK	270	0		26.59			
100	QPSK	1	1		27.08		28.5	0.0
100	QPSK	1	137		27.02			
100	QPSK	1	271		26.95			
100	QPSK	135	0		25.92		27.5	1.0
100	QPSK	135	69		27.00		28.5	0.0
100	QPSK	135	138		25.94		27.5	1.0
100	QPSK	270	0		25.90			
100	16QAM	1	1		26.05		27.5	1.0
100	64QAM	1	1		24.51		26.0	2.5
100	256QAM	1	1		22.54		24.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.91	27.00	26.95	28.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.81	26.88	26.85	28.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.77	26.96	26.83	28.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.79	26.95	26.84	28.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.85	26.94	26.91	28.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.87	26.94	26.81	28.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.77	26.93	26.92	28.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	26.86	26.94	26.90	28.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.85	26.89	26.81	28.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	26.86	26.89	26.84	28.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26.79	26.94	26.83	28.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.15		26.0	0.0
100	PI/2 BPSK	1	137		25.08			
100	PI/2 BPSK	1	271		25.07			
100	PI/2 BPSK	135	0		25.12		26.0	0.0
100	PI/2 BPSK	135	69		25.00		26.0	0.0
100	PI/2 BPSK	135	138		25.07		26.0	0.0
100	PI/2 BPSK	270	0		24.07			
100	QPSK	1	1		25.19		26.0	0.0
100	QPSK	1	137		25.09			
100	QPSK	1	271		25.10			
100	QPSK	135	0		24.87		26.0	0.0
100	QPSK	135	69		24.95		26.0	0.0
100	QPSK	135	138		24.86		26.0	0.0
100	QPSK	270	0		24.94			
100	16QAM	1	1		25.05		26.0	0.0
100	64QAM	1	1		24.74		25.5	0.5
100	256QAM	1	1		22.73		23.5	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.06	25.15	25.10	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.97	25.07	25.04	26.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.95	25.05	24.97	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.03	25.02	25.03	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.94	25.07	24.96	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.97	25.07	24.96	26.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.00	25.11	25.03	26.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.98	25.12	25.04	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.04	25.04	25.01	26.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.99	25.11	25.01	26.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.04	25.07	25.03	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		27.03		28.5	0.0
100	PI/2 BPSK	1	137		27.00			
100	PI/2 BPSK	1	271		27.13			
100	PI/2 BPSK	135	0		26.66		28.0	0.5
100	PI/2 BPSK	135	69		27.05		28.5	0.0
100	PI/2 BPSK	135	138		26.72		28.0	0.5
100	PI/2 BPSK	270	0		26.73			
100	QPSK	1	1		27.16		28.5	0.0
100	QPSK	1	137		27.10			
100	QPSK	1	271		27.08			
100	QPSK	135	0		25.95		27.5	1.0
100	QPSK	135	69		26.98		28.5	0.0
100	QPSK	135	138		25.99		27.5	1.0
100	QPSK	270	0		26.05			
100	16QAM	1	1		25.98		27.5	1.0
100	64QAM	1	1		24.64		26.0	2.5
100	256QAM	1	1		22.48		24.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.02	27.10	27.06	28.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.89	27.05	26.98	28.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.89	27.00	26.99	28.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.90	27.00	26.92	28.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.96	26.97	26.99	28.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.91	27.05	26.96	28.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.97	26.99	26.95	28.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.92	27.05	27.03	28.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.97	26.97	26.98	28.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.89	27.04	27.03	28.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.91	27.01	26.93	28.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.24	23.39	23.32	25.0	0.0
40	PI/2 BPSK	1	53	23.26	23.44	23.30		
40	PI/2 BPSK	1	104	23.33	23.38	23.29		
40	PI/2 BPSK	50	0	22.90	23.00	22.86	24.5	0.5
40	PI/2 BPSK	50	28	23.26	23.36	23.38	25.0	0.0
40	PI/2 BPSK	50	56	22.87	22.91	22.96	24.5	0.5
40	PI/2 BPSK	100	0	22.91	22.98	22.86		
40	QPSK	1	1	23.38	23.46	23.41	25.0	0.0
40	QPSK	1	53	23.33	23.40	23.38		
40	QPSK	1	104	23.33	23.34	23.36		
40	QPSK	50	0	22.33	22.36	22.25	24.0	1.0
40	QPSK	50	28	23.36	23.39	23.33	25.0	0.0
40	QPSK	50	56	22.33	22.34	22.28	24.0	1.0
40	QPSK	100	0	22.38	22.41	22.35		
40	16QAM	1	1	22.22	22.30	22.26	24.0	1.0
40	64QAM	1	1	20.74	20.79	20.68	22.5	2.5
40	256QAM	1	1	18.72	18.77	18.69	20.5	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.33	23.35	23.34	25.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.34	23.39	23.38	25.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.34	23.39	23.35	25.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.26	23.32	23.31	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.97	24.07	23.97	25.0	0.0
100	PI/2 BPSK	1	137	23.97	24.01	24.00		
100	PI/2 BPSK	1	271	24.00	23.98	23.96		
100	PI/2 BPSK	135	0	23.93	23.96	23.95	25.0	0.0
100	PI/2 BPSK	135	69	23.96	23.97	23.98	25.0	0.0
100	PI/2 BPSK	135	138	24.01	23.96	23.94	25.0	0.0
100	PI/2 BPSK	270	0	23.93	24.06	23.93		
100	QPSK	1	1	24.06	24.09	24.04	25.0	0.0
100	QPSK	1	137	23.95	23.97	23.91		
100	QPSK	1	271	23.96	24.05	24.00		
100	QPSK	135	0	23.70	23.78	23.62	25.0	0.0
100	QPSK	135	69	23.80	23.84	23.78	25.0	0.0
100	QPSK	135	138	23.70	23.76	23.65	25.0	0.0
100	QPSK	270	0	23.88	23.95	23.81		
100	16QAM	1	1	23.91	23.94	23.88	25.0	0.0
100	64QAM	1	1	23.52	23.56	23.48	24.5	0.5
100	256QAM	1	1	21.48	21.53	21.46	22.5	2.5
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.01	24.06	23.97	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.02	24.02	24.01	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.93	24.04	23.93	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.96	24.06	24.00	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.00	24.06	23.99	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.02	24.04	23.98	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.98	24.07	23.90	25.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.93	24.07	23.96	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.03	24.04	23.91	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.04	24.02	23.98	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.03	24.04	23.92	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.96	25.95	25.87	27.5	0.0
100	PI/2 BPSK	1	137	26.00	26.01	25.88		
100	PI/2 BPSK	1	271	25.94	25.93	25.95		
100	PI/2 BPSK	135	0	25.56	25.57	25.47	27.0	0.5
100	PI/2 BPSK	135	69	26.00	26.01	25.86	27.5	0.0
100	PI/2 BPSK	135	138	25.58	25.52	25.45	27.0	0.5
100	PI/2 BPSK	270	0	25.49	25.56	25.51		
100	QPSK	1	1	26.03	26.06	25.98	27.5	0.0
100	QPSK	1	137	25.94	26.01	25.84		
100	QPSK	1	271	25.90	25.97	25.85		
100	QPSK	135	0	24.83	24.81	24.71	26.5	1.0
100	QPSK	135	69	25.82	25.89	25.86	27.5	0.0
100	QPSK	135	138	24.78	24.87	24.77	26.5	1.0
100	QPSK	270	0	24.88	24.91	24.83		
100	16QAM	1	1	24.90	24.92	24.84	26.5	1.0
100	64QAM	1	1	23.42	23.51	23.48	25.0	2.5
100	256QAM	1	1	21.40	21.44	21.36	23.0	4.5
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.99	25.92	25.89	27.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.92	26.01	25.88	27.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.93	26.01	25.86	27.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.93	25.96	25.88	27.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.90	25.98	25.88	27.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.93	26.02	25.92	27.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.92	26.00	25.84	27.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.89	26.01	25.92	27.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.91	25.99	25.84	27.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.98	26.03	25.86	27.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.95	25.92	25.93	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.09		25.0	0.0
100	PI/2 BPSK	1	137		24.10			
100	PI/2 BPSK	1	271		24.06			
100	PI/2 BPSK	135	0		24.07		25.0	0.0
100	PI/2 BPSK	135	69		24.10		25.0	0.0
100	PI/2 BPSK	135	138		24.11		25.0	0.0
100	PI/2 BPSK	270	0		24.16			
100	QPSK	1	1		24.19		25.0	0.0
100	QPSK	1	137		24.17			
100	QPSK	1	271		24.12			
100	QPSK	135	0		24.05		25.0	0.0
100	QPSK	135	69		24.14		25.0	0.0
100	QPSK	135	138		24.11		25.0	0.0
100	QPSK	270	0		24.10			
100	16QAM	1	1		24.06		25.0	0.0
100	64QAM	1	1		23.67		24.5	0.5
100	256QAM	1	1		21.75		22.5	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.08	24.15	24.10	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.96	24.07	24.02	25.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.94	24.07	24.01	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.05	24.02	24.08	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.04	24.04	24.05	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.99	24.06	24.02	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.03	24.05	24.03	25.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.00	24.08	24.06	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.95	24.04	23.96	25.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.99	24.05	24.02	25.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.98	24.02	24.00	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.18		27.5	0.0
100	PI/2 BPSK	1	137		26.21			
100	PI/2 BPSK	1	271		26.19			
100	PI/2 BPSK	135	0		25.83		27.0	0.5
100	PI/2 BPSK	135	69		26.26		27.5	0.0
100	PI/2 BPSK	135	138		25.80		27.0	0.5
100	PI/2 BPSK	270	0		25.85			
100	QPSK	1	1		26.31		27.5	0.0
100	QPSK	1	137		26.15			
100	QPSK	1	271		26.18			
100	QPSK	135	0		25.21		26.5	1.0
100	QPSK	135	69		26.26		27.5	0.0
100	QPSK	135	138		25.20		26.5	1.0
100	QPSK	270	0		25.24			
100	16QAM	1	1		25.23		26.5	1.0
100	64QAM	1	1		23.80		25.0	2.5
100	256QAM	1	1		21.83		23.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.23	26.24	26.13	27.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.22	26.22	26.13	27.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.16	26.22	26.18	27.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.22	26.16	26.10	27.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.17	26.26	26.16	27.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.22	26.15	26.11	27.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.12	26.15	26.17	27.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.12	26.24	26.17	27.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.23	26.25	26.13	27.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.11	26.21	26.17	27.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.20	26.24	26.12	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.48		25.5	0.0
100	PI/2 BPSK	1	137		24.46			
100	PI/2 BPSK	1	271		24.55			
100	PI/2 BPSK	135	0		24.49		25.5	0.0
100	PI/2 BPSK	135	69		24.47		25.5	0.0
100	PI/2 BPSK	135	138		24.55		25.5	0.0
100	PI/2 BPSK	270	0		24.51			
100	QPSK	1	1		24.58		25.5	0.0
100	QPSK	1	137		24.54			
100	QPSK	1	271		24.48			
100	QPSK	135	0		24.39		25.5	0.0
100	QPSK	135	69		24.43		25.5	0.0
100	QPSK	135	138		24.38		25.5	0.0
100	QPSK	270	0		24.51			
100	16QAM	1	1		24.44		25.5	0.0
100	64QAM	1	1		23.96		25.0	0.5
100	256QAM	1	1		21.88		23.0	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.37	24.46	24.42	25.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.44	24.43	24.45	25.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.40	24.46	24.47	25.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.37	24.42	24.42	25.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.36	24.47	24.37	25.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.37	24.45	24.43	25.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.44	24.44	24.43	25.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.44	24.45	24.47	25.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.34	24.44	24.48	25.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.40	24.46	24.46	25.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.44	24.42	24.49	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		26.44		27.5	0.0
100	PI/2 BPSK	1	137		26.46			
100	PI/2 BPSK	1	271		26.44			
100	PI/2 BPSK	135	0		26.48		27.0	0.5
100	PI/2 BPSK	135	69		26.50		27.5	0.0
100	PI/2 BPSK	135	138		26.50		27.0	0.5
100	PI/2 BPSK	270	0		26.43			
100	QPSK	1	1		26.53		27.5	0.0
100	QPSK	1	137		26.48			
100	QPSK	1	271		26.43			
100	QPSK	135	0		25.38		26.5	1.0
100	QPSK	135	69		26.47		27.5	0.0
100	QPSK	135	138		25.43		26.5	1.0
100	QPSK	270	0		25.46			
100	16QAM	1	1		25.37		26.5	1.0
100	64QAM	1	1		23.93		25.0	2.5
100	256QAM	1	1		21.87		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.30	26.40	26.33	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.26	26.34	26.35	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.26	26.39	26.26	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.35	26.32	26.30	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.29	26.41	26.34	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.27	26.33	26.36	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.32	26.34	26.35	27.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	26.26	26.33	26.27	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.31	26.36	26.33	27.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	26.38	26.40	26.27	27.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26.29	26.29	26.33	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.48		25.5	0.0
100	PI/2 BPSK	1	137		24.53			
100	PI/2 BPSK	1	271		24.53			
100	PI/2 BPSK	135	0		24.50		25.5	0.0
100	PI/2 BPSK	135	69		24.42		25.5	0.0
100	PI/2 BPSK	135	138		24.48		25.5	0.0
100	PI/2 BPSK	270	0		24.43			
100	QPSK	1	1		24.56		25.5	0.0
100	QPSK	1	137		24.44			
100	QPSK	1	271		24.49			
100	QPSK	135	0		24.31		25.5	0.0
100	QPSK	135	69		24.35		25.5	0.0
100	QPSK	135	138		24.29		25.5	0.0
100	QPSK	270	0		24.42			
100	16QAM	1	1		24.51		25.5	0.0
100	64QAM	1	1		23.98		25.0	0.5
100	256QAM	1	1		21.99		23.0	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.32	24.39	24.34	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.41	24.36	24.35	25.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.33	24.42	24.31	25.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.29	24.34	24.34	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.38	24.37	24.40	25.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.30	24.38	24.31	25.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.40	24.44	24.36	25.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.35	24.38	24.36	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.31	24.45	24.32	25.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.32	24.37	24.33	25.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.37	24.38	24.38	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.48		27.5	0.0
100	PI/2 BPSK	1	137		26.48			
100	PI/2 BPSK	1	271		26.42			
100	PI/2 BPSK	135	0		26.38		27.0	0.5
100	PI/2 BPSK	135	69		26.43		27.5	0.0
100	PI/2 BPSK	135	138		26.46		27.0	0.5
100	PI/2 BPSK	270	0		26.40			
100	QPSK	1	1		26.51		27.5	0.0
100	QPSK	1	137		26.42			
100	QPSK	1	271		26.46			
100	QPSK	135	0		25.29		26.5	1.0
100	QPSK	135	69		26.23		27.5	0.0
100	QPSK	135	138		25.33		26.5	1.0
100	QPSK	270	0		25.35			
100	16QAM	1	1		25.22		26.5	1.0
100	64QAM	1	1		23.84		25.0	2.5
100	256QAM	1	1		21.84		23.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.35	26.30	26.28	27.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.30	26.35	26.34	27.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.24	26.27	26.30	27.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.30	26.39	26.33	27.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.28	26.36	26.33	27.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.25	26.28	26.30	27.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.26	26.38	26.35	27.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.28	26.32	26.34	27.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.24	26.33	26.29	27.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.33	26.34	26.35	27.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.31	26.30	26.34	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.53	22.61	22.54	24.0	0.0
40	PI/2 BPSK	1	53	22.55	22.62	22.47		
40	PI/2 BPSK	1	104	22.58	22.61	22.51		
40	PI/2 BPSK	50	0	22.13	22.10	22.02	23.5	0.5
40	PI/2 BPSK	50	28	22.54	22.57	22.54	24.0	0.0
40	PI/2 BPSK	50	56	22.11	22.13	22.09	23.5	0.5
40	PI/2 BPSK	100	0	22.12	22.18	22.07		
40	QPSK	1	1	22.63	22.65	22.57	24.0	0.0
40	QPSK	1	53	22.56	22.59	22.54		
40	QPSK	1	104	22.57	22.58	22.50		
40	QPSK	50	0	21.55	21.53	21.45	23.0	1.0
40	QPSK	50	28	22.55	22.60	22.51	24.0	0.0
40	QPSK	50	56	21.51	21.61	21.45	23.0	1.0
40	QPSK	100	0	21.61	21.65	21.58		
40	16QAM	1	1	21.60	21.63	21.53	23.0	1.0
40	64QAM	1	1	19.98	20.05	20.00	21.5	2.5
40	256QAM	1	1	17.96	18.02	17.94	19.5	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.51	22.55	22.45	24.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.61	22.62	22.45	24.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.58	22.57	22.48	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.60	22.62	22.48	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.61	23.63	23.57	25.0	0.0
100	PI/2 BPSK	1	137	23.60	23.62	23.67		
100	PI/2 BPSK	1	271	23.61	23.61	23.68		
100	PI/2 BPSK	135	0	23.28	23.22	23.23	25.0	0.0
100	PI/2 BPSK	135	69	23.65	23.67	23.65	25.0	0.0
100	PI/2 BPSK	135	138	23.23	23.29	23.23	25.0	0.0
100	PI/2 BPSK	270	0	23.22	23.21	23.18		
100	QPSK	1	1	23.73	23.75	23.71	25.0	0.0
100	QPSK	1	137	23.60	23.62	23.63		
100	QPSK	1	271	23.67	23.70	23.60		
100	QPSK	135	0	23.38	23.45	23.41	25.0	0.0
100	QPSK	135	69	23.41	23.48	23.46	25.0	0.0
100	QPSK	135	138	23.39	23.43	23.35	25.0	0.0
100	QPSK	270	0	23.55	23.60	23.51		
100	16QAM	1	1	23.50	23.58	23.53	25.0	0.0
100	64QAM	1	1	23.11	23.15	23.09	24.5	0.5
100	256QAM	1	1	21.06	21.11	21.05	22.5	2.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.64	23.71	23.60	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.68	23.72	23.61	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.62	23.72	23.66	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.66	23.66	23.65	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.59	23.64	23.61	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.61	23.64	23.68	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.71	23.64	23.66	25.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.65	23.70	23.60	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.68	23.70	23.65	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.61	23.62	23.62	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.65	23.64	23.60	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.56	25.64	25.57	27.0	0.0
100	PI/2 BPSK	1	137	25.53	25.60	25.64		
100	PI/2 BPSK	1	271	25.61	25.61	25.64		
100	PI/2 BPSK	135	0	25.13	25.24	25.26	26.5	0.5
100	PI/2 BPSK	135	69	25.60	25.63	25.62	27.0	0.0
100	PI/2 BPSK	135	138	25.17	25.28	25.20	26.5	0.5
100	PI/2 BPSK	270	0	25.17	25.21	25.17		
100	QPSK	1	1	25.65	25.73	25.71	27.0	0.0
100	QPSK	1	137	25.52	25.66	25.68		
100	QPSK	1	271	25.52	25.65	25.59		
100	QPSK	135	0	24.58	24.62	24.52	26.0	1.0
100	QPSK	135	69	25.50	25.55	25.48	27.0	0.0
100	QPSK	135	138	24.58	24.62	24.55	26.0	1.0
100	QPSK	270	0	24.61	24.66	24.63		
100	16QAM	1	1	24.48	24.52	24.43	26.0	1.0
100	64QAM	1	1	23.20	23.25	23.18	24.5	2.5
100	256QAM	1	1	21.13	21.16	21.11	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.52	25.67	25.67	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.53	25.68	25.60	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.62	25.64	25.59	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.55	25.67	25.59	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.57	25.64	25.60	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.57	25.65	25.63	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.52	25.60	25.63	27.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.63	25.63	25.59	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.54	25.69	25.59	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.52	25.63	25.61	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.53	25.62	25.57	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.95		25.0	0.0
100	PI/2 BPSK	1	137		24.06			
100	PI/2 BPSK	1	271		23.99			
100	PI/2 BPSK	135	0		23.55		25.0	0.0
100	PI/2 BPSK	135	69		23.96		25.0	0.0
100	PI/2 BPSK	135	138		23.65		25.0	0.0
100	PI/2 BPSK	270	0		23.55			
100	QPSK	1	1		24.09		25.0	0.0
100	QPSK	1	137		23.97			
100	QPSK	1	271		24.00			
100	QPSK	135	0		23.61		25.0	0.0
100	QPSK	135	69		23.70		25.0	0.0
100	QPSK	135	138		23.66		25.0	0.0
100	QPSK	270	0		23.76			
100	16QAM	1	1		23.95		25.0	0.0
100	64QAM	1	1		23.49		24.5	0.5
100	256QAM	1	1		21.47		22.5	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.95	23.95	23.91	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.00	23.98	23.93	25.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.93	23.96	24.00	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.04	23.96	23.96	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.97	23.92	23.96	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.03	24.00	23.98	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.95	23.94	23.97	25.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.02	23.94	23.98	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.04	24.00	23.96	25.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.02	23.97	23.95	25.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.99	24.02	23.93	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.90		27.0	0.0
100	PI/2 BPSK	1	137		25.99			
100	PI/2 BPSK	1	271		25.98			
100	PI/2 BPSK	135	0		25.48		26.5	0.5
100	PI/2 BPSK	135	69		25.91		27.0	0.0
100	PI/2 BPSK	135	138		25.56		26.5	0.5
100	PI/2 BPSK	270	0		25.48			
100	QPSK	1	1		26.03		27.0	0.0
100	QPSK	1	137		25.98			
100	QPSK	1	271		25.94			
100	QPSK	135	0		24.76		26.0	1.0
100	QPSK	135	69		25.67		27.0	0.0
100	QPSK	135	138		24.78		26.0	1.0
100	QPSK	270	0		24.82			
100	16QAM	1	1		24.92		26.0	1.0
100	64QAM	1	1		23.35		24.5	2.5
100	256QAM	1	1		21.40		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.90	25.80	25.93	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.88	25.85	25.96	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.84	25.86	25.94	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.89	25.80	25.90	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.93	25.78	25.91	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.88	25.78	25.86	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.83	25.81	25.96	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.83	25.82	25.89	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.81	25.79	25.86	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.88	25.87	25.88	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.85	25.76	25.92	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.82		25.0	0.0
100	PI/2 BPSK	1	137		23.79			
100	PI/2 BPSK	1	271		23.72			
100	PI/2 BPSK	135	0		23.34		25.0	0.0
100	PI/2 BPSK	135	69		23.73		25.0	0.0
100	PI/2 BPSK	135	138		23.35		25.0	0.0
100	PI/2 BPSK	270	0		23.35			
100	QPSK	1	1		23.86		25.0	0.0
100	QPSK	1	137		23.74			
100	QPSK	1	271		23.77			
100	QPSK	135	0		23.57		25.0	0.0
100	QPSK	135	69		23.68		25.0	0.0
100	QPSK	135	138		23.61		25.0	0.0
100	QPSK	270	0		23.65			
100	16QAM	1	1		23.73		25.0	0.0
100	64QAM	1	1		23.18		24.5	0.5
100	256QAM	1	1		21.12		22.5	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1				25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1				25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1				25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1				25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1				25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1				25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1				25.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1				25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1				25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1				25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1				25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.77		27.0	0.0
100	PI/2 BPSK	1	137		25.72			
100	PI/2 BPSK	1	271		25.69			
100	PI/2 BPSK	135	0		25.30		26.5	0.5
100	PI/2 BPSK	135	69		25.76		27.0	0.0
100	PI/2 BPSK	135	138		25.29		26.5	0.5
100	PI/2 BPSK	270	0		25.30			
100	QPSK	1	1		25.81		27.0	0.0
100	QPSK	1	137		25.74			
100	QPSK	1	271		25.74			
100	QPSK	135	0		24.56		26.0	1.0
100	QPSK	135	69		25.67		27.0	0.0
100	QPSK	135	138		24.60		26.0	1.0
100	QPSK	270	0		24.65			
100	16QAM	1	1		24.64		26.0	1.0
100	64QAM	1	1		23.05		24.5	2.5
100	256QAM	1	1		21.15		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.60	25.58	25.59	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.69	25.59	25.56	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.62	25.59	25.65	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.67	25.61	25.65	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.62	25.57	25.56	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.61	25.64	25.59	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.68	25.62	25.60	27.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.65	25.59	25.64	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.61	25.59	25.61	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.63	25.67	25.63	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.61	25.63	25.59	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.74		25.0	0.0
100	PI/2 BPSK	1	137		23.72			
100	PI/2 BPSK	1	271		23.73			
100	PI/2 BPSK	135	0		23.28		25.0	0.0
100	PI/2 BPSK	135	69		23.76		25.0	0.0
100	PI/2 BPSK	135	138		23.30		25.0	0.0
100	PI/2 BPSK	270	0		23.36			
100	QPSK	1	1		23.84		25.0	0.0
100	QPSK	1	137		23.77			
100	QPSK	1	271		23.76			
100	QPSK	135	0		23.51		25.0	0.0
100	QPSK	135	69		23.78		25.0	0.0
100	QPSK	135	138		23.54		25.0	0.0
100	QPSK	270	0		23.71			
100	16QAM	1	1		23.76		25.0	0.0
100	64QAM	1	1		23.31		24.5	0.5
100	256QAM	1	1		21.25		22.5	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.71	23.69	23.63	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.69	23.63	23.65	25.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.69	23.69	23.62	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.69	23.63	23.64	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.74	23.69	23.62	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.69	23.65	23.56	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.69	23.67	23.67	25.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.66	23.68	23.64	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.65	23.70	23.68	25.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.74	23.70	23.60	25.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.67	23.66	23.63	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.65		27.0	0.0
100	PI/2 BPSK	1	137		25.61			
100	PI/2 BPSK	1	271		25.66			
100	PI/2 BPSK	135	0		25.24		26.5	0.5
100	PI/2 BPSK	135	69		25.65		27.0	0.0
100	PI/2 BPSK	135	138		25.17		26.5	0.5
100	PI/2 BPSK	270	0		25.19			
100	QPSK	1	1		25.72		27.0	0.0
100	QPSK	1	137		25.64			
100	QPSK	1	271		25.69			
100	QPSK	135	0		24.58		26.0	1.0
100	QPSK	135	69		25.57		27.0	0.0
100	QPSK	135	138		24.60		26.0	1.0
100	QPSK	270	0		24.62			
100	16QAM	1	1		24.67		26.0	1.0
100	64QAM	1	1		23.12		24.5	2.5
100	256QAM	1	1		21.26		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.70	25.59	25.67	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.64	25.51	25.53	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.62	25.57	25.53	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.68	25.46	25.58	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.59	25.56	25.57	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.64	25.55	25.64	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.59	25.56	25.57	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.56	25.54	25.59	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.60	25.49	25.60	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.66	25.50	25.65	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.65	25.46	25.58	27.0	0.0

Reduced Power Mode for DSI1

n5 Ant 0 DSI1

BW [MHz]	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	24.91	25.11	25.05	25.7	0.0
20	PI/2 BPSK	1	53	24.99	25.16	25.11		
20	PI/2 BPSK	1	104	25.04	25.12	25.12		
20	PI/2 BPSK	50	0	24.61	24.77	24.66	25.2	0.5
20	PI/2 BPSK	50	28	24.99	25.04	25.01	25.7	0.0
20	PI/2 BPSK	50	56	24.61	24.69	24.68	25.2	0.5
20	PI/2 BPSK	100	0	24.58	24.71	24.63		
20	QPSK	1	1	25.13	25.21	25.17	25.7	0.0
20	QPSK	1	53	24.95	25.01	24.97		
20	QPSK	1	104	24.97	25.13	25.11		
20	QPSK	50	0	24.16	24.15	24.16	24.7	1.0
20	QPSK	50	28	25.01	25.04	24.90	25.7	0.0
20	QPSK	50	56	24.13	24.18	24.12	24.7	1.0
20	QPSK	100	0	24.16	24.25	24.21		
20	16QAM	1	1	24.17	24.20	24.19	24.7	1.0
20	64QAM	1	1	22.60	22.73	22.61	23.2	2.5
20	256QAM	1	1	20.58	20.71	20.68	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.99	25.12	25.10	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.10	25.07	25.07	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	25.01	25.15	25.04	25.7	0.0

n26 Ant 0 DSI1

BW [MHz]	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	24.97	25.15	25.04	25.7	0.0
20	PI/2 BPSK	1	53	24.98	25.18	25.18		
20	PI/2 BPSK	1	104	25.12	25.13	25.11		
20	PI/2 BPSK	50	0	24.46	24.55	24.42	25.2	0.5
20	PI/2 BPSK	50	28	24.93	24.99	24.94	25.7	0.0
20	PI/2 BPSK	50	56	24.41	24.52	24.42	25.2	0.5
20	PI/2 BPSK	100	0	24.57	24.57	24.49		
20	QPSK	1	1	25.15	25.19	25.14	25.7	0.0
20	QPSK	1	53	25.02	25.05	25.04		
20	QPSK	1	104	25.01	25.08	25.09		
20	QPSK	50	0	23.90	24.07	23.90	24.7	1.0
20	QPSK	50	28	25.00	25.07	24.90	25.7	0.0
20	QPSK	50	56	23.85	24.03	23.86	24.7	1.0
20	QPSK	100	0	23.99	24.03	23.90		
20	16QAM	1	1	23.92	23.95	23.92	24.7	1.0
20	64QAM	1	1	22.63	22.73	22.65	23.2	2.5
20	256QAM	1	1	20.64	20.66	20.60	21.2	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.06	25.07	25.02	25.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.06	25.17	25.03	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	25.02	25.12	25.03	25.7	0.0

n5 Ant 1 DSI1

BW [MHz]	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	19.11	19.18	19.05	20.2	0.0
20	PI/2 BPSK	1	53	19.02	18.99	18.89		
20	PI/2 BPSK	1	104	18.91	19.01	18.83		
20	PI/2 BPSK	50	0	19.06	19.18	18.94	20.2	0.0
20	PI/2 BPSK	50	28	18.88	18.97	18.94	20.2	0.0
20	PI/2 BPSK	50	56	18.87	19.05	18.95	20.2	0.0
20	PI/2 BPSK	100	0	18.91	18.96	18.96		
20	QPSK	1	1	19.17	19.22	19.18	20.2	0.0
20	QPSK	1	53	18.99	19.11	19.03		
20	QPSK	1	104	19.05	19.15	19.01		
20	QPSK	50	0	18.72	18.85	18.87	20.2	0.0
20	QPSK	50	28	18.99	19.10	18.97	20.2	0.0
20	QPSK	50	56	18.88	18.95	18.83	20.2	0.0
20	QPSK	100	0	18.76	18.86	18.75		
20	16QAM	1	1	18.88	18.93	18.82	20.2	0.0
20	64QAM	1	1	18.90	18.88	18.82	20.2	0.0
20	256QAM	1	1	18.88	18.98	18.83	20.2	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	19.09	19.10	19.04	20.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	19.04	19.14	19.10	20.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	19.07	19.07	19.04	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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	19.50	19.59	19.38	20.7	0.0
20	PI/2 BPSK	1	53	19.42	19.44	19.28		
20	PI/2 BPSK	1	104	19.41	19.45	19.31		
20	PI/2 BPSK	50	0	19.51	19.58	19.41	20.7	0.0
20	PI/2 BPSK	50	28	19.36	19.48	19.34	20.7	0.0
20	PI/2 BPSK	50	56	19.28	19.46	19.26	20.7	0.0
20	PI/2 BPSK	100	0	19.38	19.48	19.36		
20	QPSK	1	1	19.55	19.66	19.58	20.7	0.0
20	QPSK	1	53	19.40	19.52	19.46		
20	QPSK	1	104	19.47	19.56	19.42		
20	QPSK	50	0	19.20	19.32	19.26	20.7	0.0
20	QPSK	50	28	19.41	19.57	19.45	20.7	0.0
20	QPSK	50	56	19.27	19.42	19.25	20.7	0.0
20	QPSK	100	0	19.26	19.29	19.18		
20	16QAM	1	1	19.30	19.45	19.24	20.7	0.0
20	64QAM	1	1	19.27	19.33	19.17	20.7	0.0
20	256QAM	1	1	19.25	19.41	19.27	20.7	0.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	19.43	19.52	19.49	20.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	19.44	19.52	19.42	20.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	19.50	19.54	19.48	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	16.56	16.61	16.42	18.0	0.0
40	PI/2 BPSK	1	53	16.40	16.42	16.38		
40	PI/2 BPSK	1	104	16.40	16.44	16.32		
40	PI/2 BPSK	50	0	16.56	16.57	16.39	18.0	0.0
40	PI/2 BPSK	50	28	16.34	16.52	16.35	18.0	0.0
40	PI/2 BPSK	50	56	16.33	16.42	16.30	18.0	0.0
40	PI/2 BPSK	100	0	16.39	16.49	16.37		
40	QPSK	1	1	16.60	16.64	16.61	18.0	0.0
40	QPSK	1	53	16.49	16.63	16.51		
40	QPSK	1	104	16.43	16.55	16.54		
40	QPSK	50	0	16.17	16.38	16.32	18.0	0.0
40	QPSK	50	28	16.49	16.55	16.50	18.0	0.0
40	QPSK	50	56	16.30	16.38	16.26	18.0	0.0
40	QPSK	100	0	16.19	16.34	16.18		
40	16QAM	1	1	16.26	16.40	16.26	18.0	0.0
40	64QAM	1	1	16.35	16.41	16.22	18.0	0.0
40	256QAM	1	1	16.22	16.26	16.19	17.5	0.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	16.54	16.58	16.45	18.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	16.54	16.58	16.47	18.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	16.46	16.55	16.53	18.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	16.44	16.60	16.46	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.04	16.00	15.90	17.5	0.0
100	PI/2 BPSK	1	137	15.91	15.95	15.77		
100	PI/2 BPSK	1	271	15.82	15.86	15.71		
100	PI/2 BPSK	135	0	15.97	16.08	15.87	17.5	0.0
100	PI/2 BPSK	135	69	15.77	15.94	15.79	17.5	0.0
100	PI/2 BPSK	135	138	15.80	15.97	15.82	17.5	0.0
100	PI/2 BPSK	270	0	15.87	15.89	15.87		
100	QPSK	1	1	16.05	16.15	16.13	17.5	0.0
100	QPSK	1	137	15.86	16.02	16.00		
100	QPSK	1	271	15.94	16.11	15.99		
100	QPSK	135	0	15.68	15.72	15.76	17.5	0.0
100	QPSK	135	69	15.96	16.04	15.88	17.5	0.0
100	QPSK	135	138	15.68	15.82	15.74	17.5	0.0
100	QPSK	270	0	15.65	15.78	15.71		
100	16QAM	1	1	15.74	15.82	15.70	17.5	0.0
100	64QAM	1	1	15.80	15.85	15.69	17.5	0.0
100	256QAM	1	1	15.80	15.90	15.74	17.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.90	15.98	16.02	17.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.92	15.95	16.02	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.92	15.97	16.02	17.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.98	16.06	16.00	17.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.99	15.95	16.02	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.97	15.95	16.03	17.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.98	16.05	16.08	17.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.97	16.04	16.09	17.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.98	15.97	16.05	17.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.97	15.99	16.10	17.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.90	15.97	16.05	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.03	19.03	18.85	20.5	0.0
100	PI/2 BPSK	1	137	18.92	18.90	18.73		
100	PI/2 BPSK	1	271	18.80	18.89	18.77		
100	PI/2 BPSK	135	0	18.94	19.09	18.85	20.5	0.0
100	PI/2 BPSK	135	69	18.82	18.97	18.76	20.5	0.0
100	PI/2 BPSK	135	138	18.81	19.00	18.85	20.5	0.0
100	PI/2 BPSK	270	0	18.92	18.88	18.83		
100	QPSK	1	1	19.06	19.17	19.10	20.5	0.0
100	QPSK	1	137	18.83	19.04	19.02		
100	QPSK	1	271	18.90	19.13	19.03		
100	QPSK	135	0	18.65	18.75	18.81	20.5	0.0
100	QPSK	135	69	19.02	19.03	18.91	20.5	0.0
100	QPSK	135	138	18.73	18.80	18.72	20.5	0.0
100	QPSK	270	0	18.68	18.81	18.72		
100	16QAM	1	1	18.71	18.83	18.75	20.5	0.0
100	64QAM	1	1	18.77	18.82	18.71	20.5	0.0
100	256QAM	1	1	18.78	18.86	18.72	20.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.93	19.06	18.97	20.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.96	18.98	19.04	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.95	19.03	19.06	20.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.94	18.98	18.95	20.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.97	18.99	18.99	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.96	18.95	19.04	20.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.02	18.95	18.98	20.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.95	19.02	18.96	20.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.01	19.01	18.94	20.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.01	19.04	19.01	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.92	19.02	18.96	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.84		17.5	0.0
100	PI/2 BPSK	1	137		15.78			
100	PI/2 BPSK	1	271		15.72			
100	PI/2 BPSK	135	0		15.94		17.5	0.0
100	PI/2 BPSK	135	69		15.77		17.5	0.0
100	PI/2 BPSK	135	138		15.76		17.5	0.0
100	PI/2 BPSK	270	0		15.69			
100	QPSK	1	1		15.97		17.5	0.0
100	QPSK	1	137		15.86			
100	QPSK	1	271		15.91			
100	QPSK	135	0		15.66		17.5	0.0
100	QPSK	135	69		15.82		17.5	0.0
100	QPSK	135	138		15.69		17.5	0.0
100	QPSK	270	0		15.65			
100	16QAM	1	1		15.73		17.5	0.0
100	64QAM	1	1		15.62		17.5	0.0
100	256QAM	1	1		15.65		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.86	15.83	15.82	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.87	15.84	15.78	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.82	15.78	15.78	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.84	15.78	15.81	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.86	15.83	15.76	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.81	15.80	15.85	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.86	15.86	15.75	17.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.83	15.84	15.78	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.87	15.86	15.78	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.89	15.81	15.75	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.92	15.82	15.84	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.87		20.5	0.0
100	PI/2 BPSK	1	137		18.74			
100	PI/2 BPSK	1	271		18.72			
100	PI/2 BPSK	135	0		18.89		20.5	0.0
100	PI/2 BPSK	135	69		18.81		20.5	0.0
100	PI/2 BPSK	135	138		18.70		20.5	0.0
100	PI/2 BPSK	270	0		18.68			
100	QPSK	1	1		19.01		20.5	0.0
100	QPSK	1	137		18.81			
100	QPSK	1	271		18.94			
100	QPSK	135	0		18.70		20.5	0.0
100	QPSK	135	69		18.79		20.5	0.0
100	QPSK	135	138		18.71		20.5	0.0
100	QPSK	270	0		18.61			
100	16QAM	1	1		18.77		20.5	0.0
100	64QAM	1	1		18.68		20.5	0.0
100	256QAM	1	1		18.60		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.87	18.83	18.81	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.82	18.81	18.84	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.92	18.86	18.85	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.84	18.79	18.78	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.84	18.88	18.88	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.85	18.78	18.81	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.91	18.84	18.79	20.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.84	18.86	18.84	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.88	18.80	18.78	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.87	18.78	18.86	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.83	18.83	18.81	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.96		19.0	0.0
100	PI/2 BPSK	1	137		17.80			
100	PI/2 BPSK	1	271		17.82			
100	PI/2 BPSK	135	0		17.95		19.0	0.0
100	PI/2 BPSK	135	69		17.84		19.0	0.0
100	PI/2 BPSK	135	138		17.81		19.0	0.0
100	PI/2 BPSK	270	0		17.85			
100	QPSK	1	1		18.06		19.0	0.0
100	QPSK	1	137		17.93			
100	QPSK	1	271		17.94			
100	QPSK	135	0		17.70		19.0	0.0
100	QPSK	135	69		17.96		19.0	0.0
100	QPSK	135	138		17.73		19.0	0.0
100	QPSK	270	0		17.64			
100	16QAM	1	1		17.79		19.0	0.0
100	64QAM	1	1		17.67		19.0	0.0
100	256QAM	1	1		17.74		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.89	17.83	17.98	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.89	17.84	17.97	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.93	17.86	17.94	19.0	0.0
Channel				649668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.84	17.82	17.98	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.92	17.91	17.94	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.89	17.89	17.95	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.95	17.90	17.96	19.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.94	17.83	17.90	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.84	17.93	17.92	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.87	17.92	17.98	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.94	17.83	17.89	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.94		22.0	0.0
100	PI/2 BPSK	1	137		20.75			
100	PI/2 BPSK	1	271		20.84			
100	PI/2 BPSK	135	0	20.93			22.0	0.0
100	PI/2 BPSK	135	69		20.81		22.0	0.0
100	PI/2 BPSK	135	138		20.87		22.0	0.0
100	PI/2 BPSK	270	0		20.79			
100	QPSK	1	1		21.04		22.0	0.0
100	QPSK	1	137		20.95			
100	QPSK	1	271		20.89			
100	QPSK	135	0		20.66		22.0	0.0
100	QPSK	135	69		20.99		22.0	0.0
100	QPSK	135	138		20.79		22.0	0.0
100	QPSK	270	0		20.66			
100	16QAM	1	1		20.79		22.0	0.0
100	64QAM	1	1		20.66		22.0	0.0
100	256QAM	1	1		19.56		21.5	0.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.89	20.89	21.01	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.85	20.83	20.95	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.93	20.77	20.93	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.90	20.85	21.03	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.95	20.82	20.97	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.83	20.81	20.95	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.90	20.81	21.02	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.95	20.86	21.03	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.84	20.80	21.03	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.86	20.87	21.01	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.84	20.86	21.00	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.62		19.0	0.0
100	PI/2 BPSK	1	137		17.49			
100	PI/2 BPSK	1	271		17.50			
100	PI/2 BPSK	135	0		17.70		19.0	0.0
100	PI/2 BPSK	135	69		17.55		19.0	0.0
100	PI/2 BPSK	135	138		17.51		19.0	0.0
100	PI/2 BPSK	270	0		17.48			
100	QPSK	1	1		17.76		19.0	0.0
100	QPSK	1	137		17.69			
100	QPSK	1	271		17.65			
100	QPSK	135	0		17.33		19.0	0.0
100	QPSK	135	69		17.64		19.0	0.0
100	QPSK	135	138		17.47		19.0	0.0
100	QPSK	270	0		17.42			
100	16QAM	1	1		17.47		19.0	0.0
100	64QAM	1	1		17.44		19.0	0.0
100	256QAM	1	1		17.49		19.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.61	17.67	17.65	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.59	17.68	17.57	19.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.57	17.64	17.58	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.62	17.74	17.62	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.65	17.73	17.61	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.67	17.63	17.63	19.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.67	17.72	17.61	19.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.64	17.63	17.60	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.67	17.64	17.56	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.62	17.70	17.61	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.65	17.63	17.59	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.65		22.0	0.0
100	PI/2 BPSK	1	137		20.47			
100	PI/2 BPSK	1	271		20.45			
100	PI/2 BPSK	135	0		20.65		22.0	0.0
100	PI/2 BPSK	135	69		20.50		22.0	0.0
100	PI/2 BPSK	135	138		20.55		22.0	0.0
100	PI/2 BPSK	270	0		20.54			
100	QPSK	1	1		20.70		22.0	0.0
100	QPSK	1	137		20.67			
100	QPSK	1	271		20.65			
100	QPSK	135	0		20.28		22.0	0.0
100	QPSK	135	69		20.63		22.0	0.0
100	QPSK	135	138		20.47		22.0	0.0
100	QPSK	270	0		20.47			
100	16QAM	1	1		20.52		22.0	0.0
100	64QAM	1	1		20.43		22.0	0.0
100	256QAM	1	1		19.66		21.5	0.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.61	20.62	20.65	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.64	20.63	20.60	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.57	20.65	20.66	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.60	20.63	20.67	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.65	20.63	20.62	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.57	20.64	20.68	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.56	20.64	20.60	22.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.65	20.67	20.65	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.67	20.62	20.69	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.61	20.65	20.68	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.64	20.65	20.60	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	17.12	17.21	17.02	18.5	0.0
40	PI/2 BPSK	1	108	17.01	17.07	16.91		
40	PI/2 BPSK	1	214	16.93	16.98	16.92		
40	PI/2 BPSK	108	0	17.08	17.18	16.92	18.5	0.0
40	PI/2 BPSK	108	54	16.93	17.00	16.93	18.5	0.0
40	PI/2 BPSK	108	108	16.86	17.02	16.98	18.5	0.0
40	PI/2 BPSK	216	0	16.96	17.02	17.00		
40	QPSK	1	1	17.14	17.28	17.22	18.5	0.0
40	QPSK	1	108	16.99	17.21	17.07		
40	QPSK	1	214	17.00	17.14	17.02		
40	QPSK	108	0	16.77	16.84	16.81	18.5	0.0
40	QPSK	108	54	17.10	17.21	16.99	18.5	0.0
40	QPSK	108	108	16.88	16.93	16.84	18.5	0.0
40	QPSK	216	0	16.81	16.98	16.74		
40	16QAM	1	1	16.89	16.97	16.87	18.5	0.0
40	64QAM	1	1	16.86	16.94	16.78	18.5	0.0
40	256QAM	1	1	16.94	17.03	16.87	18.5	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	17.10	17.14	17.08	18.5	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	17.00	17.13	17.10	18.5	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	17.08	17.14	17.06	18.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	17.07	17.12	17.14	18.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.01	17.13	17.12	18.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.99	17.18	17.14	18.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.04	17.20	17.18	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.76	15.75	15.67	17.0	0.0
40	PI/2 BPSK	1	108	15.61	15.70	15.55		
40	PI/2 BPSK	1	214	15.55	15.61	15.51		
40	PI/2 BPSK	108	0	15.77	15.83	15.62	17.0	0.0
40	PI/2 BPSK	108	54	15.53	15.67	15.55	17.0	0.0
40	PI/2 BPSK	108	108	15.49	15.62	15.59	17.0	0.0
40	PI/2 BPSK	216	0	15.60	15.65	15.64		
40	QPSK	1	1	15.84	15.87	15.79	17.0	0.0
40	QPSK	1	108	15.59	15.81	15.68		
40	QPSK	1	214	15.62	15.80	15.74		
40	QPSK	108	0	15.42	15.52	15.44	17.0	0.0
40	QPSK	108	54	15.70	15.80	15.64	17.0	0.0
40	QPSK	108	108	15.46	15.63	15.52	17.0	0.0
40	QPSK	216	0	15.45	15.49	15.46		
40	16QAM	1	1	15.48	15.67	15.53	17.0	0.0
40	64QAM	1	1	15.54	15.62	15.43	17.0	0.0
40	256QAM	1	1	15.57	15.66	15.48	17.0	0.0
Channel				502500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	15.74	15.70	15.72	17.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.70	15.74	15.71	17.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.73	15.71	15.68	17.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.72	15.68	15.65	17.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.76	15.69	15.66	17.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.68	15.74	15.69	17.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.71	15.66	15.73	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.91	16.87	16.80	18.0	0.0
40	PI/2 BPSK	1	108	16.74	16.76	16.65		
40	PI/2 BPSK	1	214	16.76	16.80	16.57		
40	PI/2 BPSK	108	0	16.84	16.94	16.68	18.0	0.0
40	PI/2 BPSK	108	54	16.65	16.81	16.72	18.0	0.0
40	PI/2 BPSK	108	108	16.69	16.80	16.71	18.0	0.0
40	PI/2 BPSK	216	0	16.73	16.71	16.78		
40	QPSK	1	1	16.92	16.95	16.93	18.0	0.0
40	QPSK	1	108	16.76	16.85	16.81		
40	QPSK	1	214	16.78	16.87	16.77		
40	QPSK	108	0	16.51	16.58	16.61	18.0	0.0
40	QPSK	108	54	16.80	16.91	16.78	18.0	0.0
40	QPSK	108	108	16.55	16.71	16.59	18.0	0.0
40	QPSK	216	0	16.56	16.62	16.54		
40	16QAM	1	1	16.56	16.74	16.56	18.0	0.0
40	64QAM	1	1	16.59	16.70	16.57	18.0	0.0
40	256QAM	1	1	16.64	16.75	16.53	18.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	16.82	16.80	16.84	18.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.79	16.84	16.81	18.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.77	16.82	16.83	18.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.78	16.82	16.78	18.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.83	16.80	16.85	18.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.77	16.80	16.79	18.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.85	16.83	16.82	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.63	14.72	14.52	16.0	0.0
40	PI/2 BPSK	1	53	14.59	14.52	14.47		
40	PI/2 BPSK	1	104	14.46	14.60	14.43		
40	PI/2 BPSK	50	0	14.66	14.74	14.50	16.0	0.0
40	PI/2 BPSK	50	28	14.48	14.54	14.55	16.0	0.0
40	PI/2 BPSK	50	56	14.42	14.62	14.41	16.0	0.0
40	PI/2 BPSK	100	0	14.53	14.60	14.53		
40	QPSK	1	1	14.77	14.83	14.78	16.0	0.0
40	QPSK	1	53	14.61	14.67	14.67		
40	QPSK	1	104	14.61	14.71	14.65		
40	QPSK	50	0	14.30	14.41	14.44	16.0	0.0
40	QPSK	50	28	14.59	14.69	14.55	16.0	0.0
40	QPSK	50	56	14.42	14.55	14.40	16.0	0.0
40	QPSK	100	0	14.37	14.43	14.35		
40	16QAM	1	1	14.46	14.57	14.36	16.0	0.0
40	64QAM	1	1	14.46	14.54	14.37	16.0	0.0
40	256QAM	1	1	14.40	14.52	14.44	16.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.70	14.71	14.64	16.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	14.64	14.73	14.63	16.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.67	14.67	14.72	16.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.69	14.70	14.66	16.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.66	14.79	14.74	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.90	14.95	14.80	16.5	0.0
100	PI/2 BPSK	1	137	14.78	14.76	14.67		
100	PI/2 BPSK	1	271	14.71	14.83	14.59		
100	PI/2 BPSK	135	0	14.81	14.96	14.75	16.5	0.0
100	PI/2 BPSK	135	69	14.68	14.76	14.73	16.5	0.0
100	PI/2 BPSK	135	138	14.64	14.83	14.66	16.5	0.0
100	PI/2 BPSK	270	0	14.75	14.77	14.67		
100	QPSK	1	1	14.90	15.02	14.95	16.5	0.0
100	QPSK	1	137	14.74	14.87	14.86		
100	QPSK	1	271	14.73	14.95	14.76		
100	QPSK	135	0	14.55	14.69	14.60	16.5	0.0
100	QPSK	135	69	14.91	14.99	14.89	16.5	0.0
100	QPSK	135	138	14.64	14.87	14.57	16.5	0.0
100	QPSK	270	0	14.58	14.65	14.57		
100	16QAM	1	1	14.64	14.73	14.64	16.5	0.0
100	64QAM	1	1	14.60	14.74	14.57	16.5	0.0
100	256QAM	1	1	14.63	14.76	14.56	16.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.75	14.94	14.82	16.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	14.81	14.90	14.80	16.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.85	14.94	14.81	16.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.80	14.93	14.87	16.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.81	14.95	14.90	16.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.80	14.86	14.89	16.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.78	14.90	14.87	16.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	14.75	14.87	14.83	16.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.82	14.92	14.89	16.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	14.77	14.95	14.87	16.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	14.83	14.92	14.84	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.90	17.92	17.80	19.5	0.0
100	PI/2 BPSK	1	137	17.80	17.76	17.71		
100	PI/2 BPSK	1	271	17.70	17.83	17.55		
100	PI/2 BPSK	135	0	17.76	18.00	17.74	19.5	0.0
100	PI/2 BPSK	135	69	17.62	17.70	17.79	19.5	0.0
100	PI/2 BPSK	135	138	17.66	17.82	17.69	19.5	0.0
100	PI/2 BPSK	270	0	17.70	17.79	17.68		
100	QPSK	1	1	17.90	18.05	17.93	19.5	0.0
100	QPSK	1	137	17.78	17.85	17.89		
100	QPSK	1	271	17.75	17.89	17.80		
100	QPSK	135	0	17.56	17.70	17.64	19.5	0.0
100	QPSK	135	69	17.78	17.84	17.83	19.5	0.0
100	QPSK	135	138	17.67	17.64	17.53	19.5	0.0
100	QPSK	270	0	17.62	17.66	17.62		
100	16QAM	1	1	17.69	17.77	17.70	19.5	0.0
100	64QAM	1	1	17.62	17.73	17.56	19.5	0.0
100	256QAM	1	1	17.59	17.80	17.52	19.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.85	17.98	17.86	19.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	17.85	17.90	17.88	19.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.84	17.90	17.87	19.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.85	17.92	17.84	19.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.79	17.92	17.80	19.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.86	17.96	17.88	19.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.85	17.98	17.87	19.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	17.80	17.96	17.79	19.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.78	17.91	17.81	19.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.75	17.93	17.87	19.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.80	18.01	17.79	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	17.64	17.60	17.52	18.5	0.0
40	PI/2 BPSK	1	108	17.40	17.53	17.35		
40	PI/2 BPSK	1	214	17.45	17.51	17.35		
40	PI/2 BPSK	108	0	17.57	17.59	17.44	18.5	0.0
40	PI/2 BPSK	108	54	17.38	17.45	17.40	18.5	0.0
40	PI/2 BPSK	108	108	17.34	17.54	17.39	18.5	0.0
40	PI/2 BPSK	216	0	17.44	17.49	17.41		
40	QPSK	1	1	17.63	17.74	17.72	18.5	0.0
40	QPSK	1	108	17.50	17.62	17.59		
40	QPSK	1	214	17.51	17.67	17.46		
40	QPSK	108	0	17.30	17.31	17.36	18.5	0.0
40	QPSK	108	54	17.49	17.57	17.48	18.5	0.0
40	QPSK	108	108	17.25	17.39	17.32	18.5	0.0
40	QPSK	216	0	17.26	17.44	17.19		
40	16QAM	1	1	17.30	17.46	17.38	18.5	0.0
40	64QAM	1	1	17.29	17.36	17.30	18.5	0.0
40	256QAM	1	1	17.35	17.45	17.34	18.5	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	17.54	17.63	17.67	18.5	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	17.50	17.64	17.66	18.5	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	17.50	17.60	17.62	18.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	17.57	17.66	17.57	18.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.54	17.62	17.64	18.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.53	17.63	17.58	18.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.50	17.60	17.59	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	16.68	16.74	16.69	17.2	0.0
40	PI/2 BPSK	1	108	16.60	16.59	16.59		
40	PI/2 BPSK	1	214	16.61	16.59	16.49		
40	PI/2 BPSK	108	0	16.74	16.80	16.55	17.2	0.0
40	PI/2 BPSK	108	54	16.55	16.68	16.58	17.2	0.0
40	PI/2 BPSK	108	108	16.45	16.63	16.48	17.2	0.0
40	PI/2 BPSK	216	0	16.51	16.61	16.63		
40	QPSK	1	1	16.77	16.85	16.83	17.2	0.0
40	QPSK	1	108	16.62	16.75	16.71		
40	QPSK	1	214	16.67	16.74	16.72		
40	QPSK	108	0	16.37	16.44	16.44	17.2	0.0
40	QPSK	108	54	16.71	16.73	16.63	17.2	0.0
40	QPSK	108	108	16.34	16.38	16.42	17.2	0.0
40	QPSK	216	0	16.44	16.53	16.41		
40	16QAM	1	1	16.44	16.65	16.48	17.2	0.0
40	64QAM	1	1	16.44	16.52	16.40	17.2	0.0
40	256QAM	1	1	16.57	16.64	16.42	17.2	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	16.68	16.73	16.75	17.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.71	16.72	16.75	17.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.73	16.64	16.69	17.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.71	16.71	16.79	17.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.73	16.73	16.69	17.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.70	16.74	16.72	17.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.66	16.64	16.67	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.75	18.78	18.63	19.2	0.0
40	PI/2 BPSK	1	108	18.55	18.59	18.45		
40	PI/2 BPSK	1	214	18.58	18.60	18.48		
40	PI/2 BPSK	108	0	18.74	18.79	18.56	19.2	0.0
40	PI/2 BPSK	108	54	18.54	18.66	18.51	19.2	0.0
40	PI/2 BPSK	108	108	18.51	18.63	18.43	19.2	0.0
40	PI/2 BPSK	216	0	18.48	18.57	18.54		
40	QPSK	1	1	18.77	18.83	18.75	19.2	0.0
40	QPSK	1	108	18.62	18.70	18.71		
40	QPSK	1	214	18.66	18.70	18.60		
40	QPSK	108	0	18.34	18.43	18.41	19.2	0.0
40	QPSK	108	54	18.63	18.76	18.56	19.2	0.0
40	QPSK	108	108	18.29	18.31	18.37	19.2	0.0
40	QPSK	216	0	18.38	18.51	18.38		
40	16QAM	1	1	18.48	18.60	18.43	19.2	0.0
40	64QAM	1	1	18.44	18.53	18.40	19.2	0.0
40	256QAM	1	1	18.46	18.55	18.40	19.2	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.73	18.69	18.66	19.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.70	18.78	18.66	19.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.69	18.76	18.62	19.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.72	18.71	18.70	19.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.63	18.76	18.68	19.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.61	18.74	18.69	19.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.73	18.76	18.69	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.27	16.31	16.10	16.7	0.0
40	PI/2 BPSK	1	53	16.08	16.15	16.11		
40	PI/2 BPSK	1	104	16.03	16.10	15.94		
40	PI/2 BPSK	50	0	16.29	16.38	16.07	16.7	0.0
40	PI/2 BPSK	50	28	16.05	16.19	16.06	16.7	0.0
40	PI/2 BPSK	50	56	16.00	16.18	16.05	16.7	0.0
40	PI/2 BPSK	100	0	16.11	16.14	16.16		
40	QPSK	1	1	16.30	16.41	16.40	16.7	0.0
40	QPSK	1	53	16.15	16.29	16.21		
40	QPSK	1	104	16.14	16.32	16.15		
40	QPSK	50	0	15.90	16.02	16.02	16.7	0.0
40	QPSK	50	28	16.15	16.30	16.21	16.7	0.0
40	QPSK	50	56	15.81	15.87	15.85	16.7	0.0
40	QPSK	100	0	15.96	16.02	15.93		
40	16QAM	1	1	15.99	16.08	16.07	16.7	0.0
40	64QAM	1	1	16.02	16.09	15.90	16.7	0.0
40	256QAM	1	1	16.07	16.15	16.00	16.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.22	16.33	16.26	16.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	16.16	16.26	16.25	16.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.20	16.25	16.26	16.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.26	16.25	16.34	16.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.16	16.34	16.34	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	15.77	15.77	15.63	16.2	0.0
100	PI/2 BPSK	1	137	15.64	15.65	15.54		
100	PI/2 BPSK	1	271	15.51	15.58	15.46		
100	PI/2 BPSK	135	0	15.74	15.72	15.61	16.2	0.0
100	PI/2 BPSK	135	69	15.51	15.65	15.55	16.2	0.0
100	PI/2 BPSK	135	138	15.47	15.64	15.52	16.2	0.0
100	PI/2 BPSK	270	0	15.58	15.60	15.54		
100	QPSK	1	1	15.76	15.88	15.78	16.2	0.0
100	QPSK	1	137	15.59	15.79	15.71		
100	QPSK	1	271	15.68	15.81	15.69		
100	QPSK	135	0	15.35	15.49	15.39	16.2	0.0
100	QPSK	135	69	15.65	15.68	15.59	16.2	0.0
100	QPSK	135	138	15.32	15.33	15.35	16.2	0.0
100	QPSK	270	0	15.56	15.58	15.46		
100	16QAM	1	1	14.39	15.46	15.39	16.2	0.0
100	64QAM	1	1	15.51	15.51	15.42	16.2	0.0
100	256QAM	1	1	15.48	15.53	15.46	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	15.62	15.74	15.67	16.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	15.65	15.74	15.65	16.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.68	15.73	15.72	16.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.62	15.82	15.72	16.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.66	15.78	15.62	16.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.66	15.76	15.63	16.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.61	15.78	15.65	16.2	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	15.70	15.80	15.73	16.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.62	15.74	15.66	16.2	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.63	15.84	15.71	16.2	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.64	15.78	15.71	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	18.71	18.81	18.68	19.5	0.0
100	PI/2 BPSK	1	137	18.60	18.61	18.59		
100	PI/2 BPSK	1	271	18.54	18.61	18.51		
100	PI/2 BPSK	135	0	18.75	18.72	18.64	19.5	0.0
100	PI/2 BPSK	135	69	18.46	18.63	18.53	19.5	0.0
100	PI/2 BPSK	135	138	18.45	18.58	18.46	19.5	0.0
100	PI/2 BPSK	270	0	18.58	18.57	18.55		
100	QPSK	1	1	18.73	18.89	18.76	19.5	0.0
100	QPSK	1	137	18.63	18.75	18.73		
100	QPSK	1	271	18.63	18.86	18.64		
100	QPSK	135	0	18.33	18.43	18.36	19.5	0.0
100	QPSK	135	69	18.59	18.68	18.61	19.5	0.0
100	QPSK	135	138	18.33	18.28	18.36	19.5	0.0
100	QPSK	270	0	18.54	18.62	18.49		
100	16QAM	1	1	18.25	18.44	18.35	19.5	0.0
100	64QAM	1	1	18.56	18.53	18.40	19.5	0.0
100	256QAM	1	1	18.49	18.55	18.46	19.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.62	18.78	18.68	19.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.58	18.82	18.69	19.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.66	18.80	18.70	19.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.63	18.80	18.62	19.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.66	18.79	18.62	19.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.69	18.81	18.61	19.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.59	18.74	18.68	19.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	18.63	18.78	18.67	19.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.65	18.79	18.70	19.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.65	18.75	18.63	19.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.61	18.76	18.69	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.90	16.82	16.75	18.0	0.0
40	PI/2 BPSK	1	53	16.75	16.75	16.69		
40	PI/2 BPSK	1	104	16.73	16.77	16.56		
40	PI/2 BPSK	50	0	16.89	16.88	16.68	18.0	0.0
40	PI/2 BPSK	50	28	16.69	16.78	16.67	18.0	0.0
40	PI/2 BPSK	50	56	16.65	16.81	16.60	18.0	0.0
40	PI/2 BPSK	100	0	16.73	16.75	16.74		
40	QPSK	1	1	16.86	17.01	16.89	18.0	0.0
40	QPSK	1	53	16.77	16.84	16.85		
40	QPSK	1	104	16.70	16.90	16.82		
40	QPSK	50	0	16.51	16.58	16.56	18.0	0.0
40	QPSK	50	28	16.83	16.92	16.78	18.0	0.0
40	QPSK	50	56	16.45	16.42	16.55	18.0	0.0
40	QPSK	100	0	16.69	16.75	16.57		
40	16QAM	1	1	16.24	16.54	16.63	18.0	0.0
40	64QAM	1	1	16.64	16.67	16.55	18.0	0.0
40	256QAM	1	1	16.60	16.72	16.57	18.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.74	16.97	16.75	18.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	16.80	16.97	16.79	18.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.76	16.93	16.82	18.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.76	16.95	16.75	18.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.80	16.88	16.73	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.01	17.12	16.90	18.0	0.0
100	PI/2 BPSK	1	137	16.87	16.93	16.89		
100	PI/2 BPSK	1	271	16.81	16.97	16.82		
100	PI/2 BPSK	135	0	17.01	17.13	16.90	18.0	0.0
100	PI/2 BPSK	135	69	16.80	16.94	16.93	18.0	0.0
100	PI/2 BPSK	135	138	16.80	17.00	16.83	18.0	0.0
100	PI/2 BPSK	270	0	16.83	16.87	16.86		
100	QPSK	1	1	17.07	17.18	17.09	18.0	0.0
100	QPSK	1	137	16.98	17.09	16.97		
100	QPSK	1	271	16.97	17.07	17.00		
100	QPSK	135	0	16.71	16.75	16.78	18.0	0.0
100	QPSK	135	69	16.94	17.08	16.91	18.0	0.0
100	QPSK	135	138	16.58	16.64	16.66	18.0	0.0
100	QPSK	270	0	16.88	16.89	16.80		
100	16QAM	1	1	16.72	16.77	16.72	18.0	0.0
100	64QAM	1	1	16.74	16.81	16.75	18.0	0.0
100	256QAM	1	1	16.81	16.88	16.73	18.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.93	17.06	17.01	18.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	16.97	17.05	17.01	18.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.02	17.11	17.01	18.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.95	17.12	16.95	18.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.93	17.12	16.96	18.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.02	17.05	16.99	18.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.94	17.04	16.98	18.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	16.98	17.07	16.94	18.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.02	17.04	16.97	18.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.98	17.06	16.93	18.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.02	17.10	17.02	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.06	20.09	19.94	21.0	0.0
100	PI/2 BPSK	1	137	19.89	19.91	19.83		
100	PI/2 BPSK	1	271	19.79	20.00	19.77		
100	PI/2 BPSK	135	0	20.06	20.18	19.88	21.0	0.0
100	PI/2 BPSK	135	69	19.83	19.97	19.90	21.0	0.0
100	PI/2 BPSK	135	138	19.79	19.95	19.78	21.0	0.0
100	PI/2 BPSK	270	0	19.83	19.91	19.83		
100	QPSK	1	1	20.11	20.21	20.10	21.0	0.0
100	QPSK	1	137	20.01	20.04	20.00		
100	QPSK	1	271	20.01	20.08	20.01		
100	QPSK	135	0	19.73	19.74	19.73	21.0	0.0
100	QPSK	135	69	19.92	20.06	19.94	21.0	0.0
100	QPSK	135	138	19.54	19.63	19.65	21.0	0.0
100	QPSK	270	0	19.89	19.94	19.77		
100	16QAM	1	1	19.72	19.79	19.71	21.0	0.0
100	64QAM	1	1	19.74	19.82	19.71	21.0	0.0
100	256QAM	1	1	19.79	19.87	19.78	21.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.02	20.15	19.96	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	20.05	20.09	20.00	21.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.98	20.14	19.94	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.02	20.16	20.03	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.06	20.10	20.04	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.01	20.06	19.97	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.00	20.15	19.97	21.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.97	20.12	19.97	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.96	20.16	20.00	21.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.99	20.15	19.97	21.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.02	20.06	20.05	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	24.13	24.19	24.16	25.5	0.0
40	PI/2 BPSK	1	108	24.07	24.20	24.21		
40	PI/2 BPSK	1	214	24.15	24.23	24.15		
40	PI/2 BPSK	108	0	23.63	23.74	23.68	25.0	0.5
40	PI/2 BPSK	108	54	24.09	24.26	24.19	25.5	0.0
40	PI/2 BPSK	108	108	23.72	23.74	23.78	25.0	0.5
40	PI/2 BPSK	216	0	23.70	23.80	23.79		
40	QPSK	1	1	24.18	24.28	24.24	25.5	0.0
40	QPSK	1	108	24.06	24.21	24.17		
40	QPSK	1	214	24.13	24.15	24.21		
40	QPSK	108	0	23.09	23.14	23.01	24.5	1.0
40	QPSK	108	54	24.10	24.15	24.08	25.5	0.0
40	QPSK	108	108	23.09	23.12	23.09	24.5	1.0
40	QPSK	216	0	23.13	23.18	23.15		
40	16QAM	1	1	22.88	22.93	22.85	24.5	1.0
40	64QAM	1	1	21.50	21.54	21.49	23.0	2.5
40	256QAM	1	1	19.38	19.44	19.42	21.0	4.5
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	24.12	24.23	24.13	25.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.10	24.20	24.10	25.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.09	24.19	24.20	25.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.05	24.17	24.19	25.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.15	24.25	24.20	25.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.05	24.24	24.18	25.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.10	24.17	24.12	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.31	24.27	24.26	25.5	0.0
40	PI/2 BPSK	1	108	24.26	24.34	24.21		
40	PI/2 BPSK	1	214	24.26	24.25	24.20		
40	PI/2 BPSK	108	0	23.83	23.93	23.80	25.0	0.5
40	PI/2 BPSK	108	54	24.34	24.34	24.26	25.5	0.0
40	PI/2 BPSK	108	108	23.88	23.93	23.84	25.0	0.5
40	PI/2 BPSK	216	0	23.84	23.88	23.79		
40	QPSK	1	1	24.37	24.39	24.33	25.5	0.0
40	QPSK	1	108	24.30	24.29	24.30		
40	QPSK	1	214	24.25	24.35	24.30		
40	QPSK	108	0	23.11	23.28	23.25	24.5	1.0
40	QPSK	108	54	24.28	24.31	24.25	25.5	0.0
40	QPSK	108	108	23.19	23.25	23.24	24.5	1.0
40	QPSK	216	0	23.25	23.36	23.31		
40	16QAM	1	1	23.11	23.18	23.13	24.5	1.0
40	64QAM	1	1	21.57	21.65	21.61	23.0	2.5
40	256QAM	1	1	19.49	19.56	19.46	21.0	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	24.25	24.33	24.30	25.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.33	24.34	24.21	25.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.35	24.27	24.23	25.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.31	24.31	24.29	25.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.28	24.28	24.20	25.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.34	24.32	24.26	25.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.27	24.35	24.22	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.28	24.29	24.34	25.5	0.0
40	PI/2 BPSK	1	53	24.35	24.30	24.28		
40	PI/2 BPSK	1	104	24.32	24.28	24.32		
40	PI/2 BPSK	50	0	23.86	23.89	23.87	25.0	0.5
40	PI/2 BPSK	50	28	24.33	24.36	24.31	25.5	0.0
40	PI/2 BPSK	50	56	23.89	23.96	23.93	25.0	0.5
40	PI/2 BPSK	100	0	23.85	23.97	23.93		
40	QPSK	1	1	24.40	24.42	24.38	25.5	0.0
40	QPSK	1	53	24.36	24.29	24.25		
40	QPSK	1	104	24.32	24.30	24.29		
40	QPSK	50	0	23.15	23.22	23.13	24.5	1.0
40	QPSK	50	28	24.25	24.28	24.21	25.5	0.0
40	QPSK	50	56	23.13	23.19	23.17	24.5	1.0
40	QPSK	100	0	23.25	23.27	23.21		
40	16QAM	1	1	23.15	23.18	23.13	24.5	1.0
40	64QAM	1	1	21.69	21.72	21.66	23.0	2.5
40	256QAM	1	1	19.60	19.64	19.58	21.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.32	24.38	24.28	25.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	24.38	24.35	24.33	25.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.36	24.37	24.24	25.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.38	24.38	24.25	25.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.38	24.30	24.28	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.31	24.44	24.37	25.5	0.0
100	PI/2 BPSK	1	137	24.33	24.43	24.37		
100	PI/2 BPSK	1	271	24.27	24.41	24.35		
100	PI/2 BPSK	135	0	23.89	24.03	23.86	25.0	0.5
100	PI/2 BPSK	135	69	24.26	24.37	24.37	25.5	0.0
100	PI/2 BPSK	135	138	23.84	23.94	23.88	25.0	0.5
100	PI/2 BPSK	270	0	23.91	23.95	23.98		
100	QPSK	1	1	24.38	24.48	24.42	25.5	0.0
100	QPSK	1	137	24.30	24.35	24.40		
100	QPSK	1	271	24.27	24.37	24.36		
100	QPSK	135	0	23.89	23.93	23.83	24.5	1.0
100	QPSK	135	69	24.30	24.35	24.28	25.5	0.0
100	QPSK	135	138	23.96	23.88	23.86	24.5	1.0
100	QPSK	270	0	23.98	24.00	23.95		
100	16QAM	1	1	24.01	24.06	23.98	24.5	1.0
100	64QAM	1	1	22.65	22.66	22.61	23.0	2.5
100	256QAM	1	1	20.82	20.86	20.78	21.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.36	24.41	24.34	25.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	24.33	24.41	24.39	25.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.25	24.43	24.36	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.34	24.43	24.30	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.27	24.39	24.30	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.30	24.38	24.32	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.34	24.35	24.38	25.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	24.35	24.46	24.33	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.35	24.34	24.36	25.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.31	24.45	24.35	25.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.34	24.40	24.29	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.30	25.31	25.29	26.5	0.0
100	PI/2 BPSK	1	137	25.24	25.37	25.29		
100	PI/2 BPSK	1	271	25.23	25.36	25.34		
100	PI/2 BPSK	135	0	24.79	24.98	24.87	26.0	0.5
100	PI/2 BPSK	135	69	25.29	25.39	25.29	26.5	0.0
100	PI/2 BPSK	135	138	24.80	24.86	24.93	26.0	0.5
100	PI/2 BPSK	270	0	24.87	24.92	24.87		
100	QPSK	1	1	25.35	25.42	25.39	26.5	0.0
100	QPSK	1	137	25.26	25.31	25.29		
100	QPSK	1	271	25.29	25.35	25.33		
100	QPSK	135	0	24.25	24.29	24.30	25.5	1.0
100	QPSK	135	69	25.29	25.33	25.30	26.5	0.0
100	QPSK	135	138	24.24	24.31	24.29	25.5	1.0
100	QPSK	270	0	24.35	24.38	24.33		
100	16QAM	1	1	24.28	24.33	24.25	25.5	1.0
100	64QAM	1	1	22.58	22.67	22.61	24.0	2.5
100	256QAM	1	1	20.59	20.67	20.63	22.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.29	25.32	25.26	26.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	25.32	25.36	25.31	26.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.27	25.38	25.25	26.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.21	25.36	25.31	26.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.24	25.31	25.26	26.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.23	25.28	25.32	26.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.24	25.30	25.37	26.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	25.24	25.31	25.28	26.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.25	25.38	25.30	26.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.32	25.34	25.33	26.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.30	25.33	25.33	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	13.17	13.20	13.08	14.0	0.0
40	PI/2 BPSK	1	53	13.06	13.08	13.03		
40	PI/2 BPSK	1	104	12.97	13.07	12.91		
40	PI/2 BPSK	50	0	13.15	13.18	12.98	14.0	0.0
40	PI/2 BPSK	50	28	12.94	13.11	13.06	14.0	0.0
40	PI/2 BPSK	50	56	12.90	13.15	12.96	14.0	0.0
40	PI/2 BPSK	100	0	12.96	13.08	13.03		
40	QPSK	1	1	13.24	13.27	13.23	14.0	0.0
40	QPSK	1	53	13.10	13.21	13.20		
40	QPSK	1	104	13.12	13.22	13.07		
40	QPSK	50	0	12.82	12.96	12.85	14.0	0.0
40	QPSK	50	28	13.07	13.23	13.12	14.0	0.0
40	QPSK	50	56	12.82	12.80	12.76	14.0	0.0
40	QPSK	100	0	12.97	12.98	12.89		
40	16QAM	1	1	12.84	12.97	12.96	14.0	0.0
40	64QAM	1	1	12.95	13.04	12.82	14.0	0.0
40	256QAM	1	1	13.02	13.07	12.90	14.0	0.0
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	13.17	13.13	13.15	14.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	13.14	13.15	13.14	14.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	13.12	13.12	13.13	14.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	13.13	13.16	13.13	14.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.82	12.74	12.67	13.5	0.0
100	PI/2 BPSK	1	137	12.64	12.62	12.61		
100	PI/2 BPSK	1	271	12.61	12.72	12.51		
100	PI/2 BPSK	135	0	12.79	12.89	12.60	13.5	0.0
100	PI/2 BPSK	135	69	12.58	12.71	12.65	13.5	0.0
100	PI/2 BPSK	135	138	12.53	12.69	12.57	13.5	0.0
100	PI/2 BPSK	270	0	12.59	12.67	12.59		
100	QPSK	1	1	12.84	12.91	12.83	13.5	0.0
100	QPSK	1	137	12.64	12.76	12.79		
100	QPSK	1	271	12.71	12.86	12.75		
100	QPSK	135	0	12.43	12.57	12.47	13.5	0.0
100	QPSK	135	69	12.75	12.84	12.69	13.5	0.0
100	QPSK	135	138	12.36	12.38	12.35	13.5	0.0
100	QPSK	270	0	12.60	12.62	12.56		
100	16QAM	1	1	12.41	12.53	12.50	13.5	0.0
100	64QAM	1	1	12.50	12.61	12.51	13.5	0.0
100	256QAM	1	1	12.53	12.62	12.51	13.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	12.75	12.79	12.78	13.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	12.70	12.78	12.68	13.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.76	12.81	12.74	13.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	12.69	12.73	12.73	13.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	12.71	12.83	12.68	13.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.75	12.75	12.76	13.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	12.80	12.74	12.70	13.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	12.71	12.81	12.70	13.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	12.75	12.75	12.74	13.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	12.75	12.74	12.76	13.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	12.68	12.75	12.75	13.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.71	15.69	15.64	17.0	0.0
100	PI/2 BPSK	1	137	15.61	15.59	15.54		
100	PI/2 BPSK	1	271	15.51	15.63	15.50		
100	PI/2 BPSK	135	0	15.75	15.81	15.59	17.0	0.0
100	PI/2 BPSK	135	69	15.56	15.66	15.57	17.0	0.0
100	PI/2 BPSK	135	138	15.52	15.68	15.53	17.0	0.0
100	PI/2 BPSK	270	0	15.57	15.57	15.47		
100	QPSK	1	1	15.82	15.84	15.74	17.0	0.0
100	QPSK	1	137	15.62	15.75	15.77		
100	QPSK	1	271	15.61	15.83	15.65		
100	QPSK	135	0	15.33	15.56	15.43	17.0	0.0
100	QPSK	135	69	15.65	15.77	15.62	17.0	0.0
100	QPSK	135	138	15.26	15.32	15.34	17.0	0.0
100	QPSK	270	0	15.53	15.59	15.44		
100	16QAM	1	1	15.33	15.45	15.41	17.0	0.0
100	64QAM	1	1	15.48	15.54	15.42	17.0	0.0
100	256QAM	1	1	15.49	15.55	15.40	17.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.77	15.73	15.67	17.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.68	15.78	15.64	17.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.66	15.71	15.68	17.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.71	15.74	15.63	17.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.68	15.80	15.68	17.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.75	15.71	15.62	17.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.70	15.71	15.68	17.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.71	15.74	15.59	17.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.69	15.75	15.65	17.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.78	15.69	15.62	17.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.73	15.71	15.69	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		12.69		13.5	0.0
100	PI/2 BPSK	1	137		12.49			
100	PI/2 BPSK	1	271		12.60			
100	PI/2 BPSK	135	0		12.75		13.5	0.0
100	PI/2 BPSK	135	69		12.56		13.5	0.0
100	PI/2 BPSK	135	138		12.60		13.5	0.0
100	PI/2 BPSK	270	0		12.62			
100	QPSK	1	1		12.82		13.5	0.0
100	QPSK	1	137		12.64			
100	QPSK	1	271		12.79			
100	QPSK	135	0		12.48		13.5	0.0
100	QPSK	135	69		12.75		13.5	0.0
100	QPSK	135	138		12.26		13.5	0.0
100	QPSK	270	0		12.50			
100	16QAM	1	1		12.42		13.5	0.0
100	64QAM	1	1		12.54		13.5	0.0
100	256QAM	1	1		12.48		13.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	12.71	12.65	12.74	13.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	12.61	12.67	12.71	13.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	12.61	12.69	12.65	13.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	12.63	12.64	12.70	13.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	12.67	12.69	12.65	13.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	12.62	12.63	12.65	13.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	12.63	12.68	12.68	13.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	12.61	12.71	12.67	13.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	12.71	12.69	12.68	13.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	12.67	12.74	12.65	13.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	12.60	12.68	12.71	13.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.60		17.0	0.0
100	PI/2 BPSK	1	137		15.55			
100	PI/2 BPSK	1	271		15.53			
100	PI/2 BPSK	135	0		15.67		17.0	0.0
100	PI/2 BPSK	135	69		15.53		17.0	0.0
100	PI/2 BPSK	135	138		15.54		17.0	0.0
100	PI/2 BPSK	270	0		15.48			
100	QPSK	1	1		15.73		17.0	0.0
100	QPSK	1	137		15.61			
100	QPSK	1	271		15.71			
100	QPSK	135	0		15.43		17.0	0.0
100	QPSK	135	69		15.67		17.0	0.0
100	QPSK	135	138		15.16		17.0	0.0
100	QPSK	270	0		15.49			
100	16QAM	1	1		15.29		17.0	0.0
100	64QAM	1	1		15.44		17.0	0.0
100	256QAM	1	1		15.42		17.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.63	15.63	15.54	17.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.67	15.65	15.56	17.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.65	15.58	15.57	17.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.68	15.67	15.60	17.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.62	15.60	15.58	17.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.67	15.61	15.51	17.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.64	15.58	15.60	17.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.65	15.63	15.54	17.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.63	15.63	15.63	17.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.68	15.58	15.60	17.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.71	15.68	15.53	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		12.15		13.0	0.0
100	PI/2 BPSK	1	137		12.04			
100	PI/2 BPSK	1	271		12.05			
100	PI/2 BPSK	135	0		12.16		13.0	0.0
100	PI/2 BPSK	135	69		12.09		13.0	0.0
100	PI/2 BPSK	135	138		12.06		13.0	0.0
100	PI/2 BPSK	270	0		12.00			
100	QPSK	1	1		12.26		13.0	0.0
100	QPSK	1	137		12.13			
100	QPSK	1	271		12.24			
100	QPSK	135	0		11.85		13.0	0.0
100	QPSK	135	69		12.15		13.0	0.0
100	QPSK	135	138		11.79		13.0	0.0
100	QPSK	270	0		11.96			
100	16QAM	1	1		11.89		13.0	0.0
100	64QAM	1	1		11.99		13.0	0.0
100	256QAM	1	1		12.04		13.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	12.15	12.13	12.12	13.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	12.10	12.22	12.10	13.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	12.15	12.17	12.13	13.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	12.13	12.22	12.09	13.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	12.17	12.20	12.17	13.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	12.15	12.22	12.12	13.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	12.11	12.12	12.10	13.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	12.17	12.15	12.16	13.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	12.09	12.19	12.11	13.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	12.16	12.20	12.18	13.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	12.12	12.17	12.16	13.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.21		16.5	0.0
100	PI/2 BPSK	1	137		15.08			
100	PI/2 BPSK	1	271		15.01			
100	PI/2 BPSK	135	0		15.12		16.5	0.0
100	PI/2 BPSK	135	69		15.10		16.5	0.0
100	PI/2 BPSK	135	138		15.08		16.5	0.0
100	PI/2 BPSK	270	0		15.05			
100	QPSK	1	1		15.29		16.5	0.0
100	QPSK	1	137		15.11			
100	QPSK	1	271		15.22			
100	QPSK	135	0		14.91		16.5	0.0
100	QPSK	135	69		15.18		16.5	0.0
100	QPSK	135	138		14.73		16.5	0.0
100	QPSK	270	0		14.97			
100	16QAM	1	1		14.92		16.5	0.0
100	64QAM	1	1		14.99		16.5	0.0
100	256QAM	1	1		15.08		16.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.14	15.18	15.17	16.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.16	15.15	15.12	16.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.12	15.12	15.08	16.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.18	15.15	15.15	16.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.19	15.11	15.16	16.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.11	15.16	15.10	16.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.10	15.18	15.12	16.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.15	15.08	15.07	16.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.15	15.17	15.07	16.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.17	15.09	15.09	16.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.16	15.13	15.07	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		12.24		13.0	0.0
100	PI/2 BPSK	1	137		12.16			
100	PI/2 BPSK	1	271		12.08			
100	PI/2 BPSK	135	0		12.30		13.0	0.0
100	PI/2 BPSK	135	69		12.14		13.0	0.0
100	PI/2 BPSK	135	138		12.18		13.0	0.0
100	PI/2 BPSK	270	0		12.12			
100	QPSK	1	1		12.33		13.0	0.0
100	QPSK	1	137		12.21			
100	QPSK	1	271		12.30			
100	QPSK	135	0		11.96		13.0	0.0
100	QPSK	135	69		12.25		13.0	0.0
100	QPSK	135	138		11.79		13.0	0.0
100	QPSK	270	0		11.99			
100	16QAM	1	1		11.89		13.0	0.0
100	64QAM	1	1		12.02		13.0	0.0
100	256QAM	1	1		12.01		13.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	12.23	12.23	12.15	13.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	12.24	12.18	12.18	13.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	12.23	12.25	12.18	13.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	12.18	12.26	12.13	13.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	12.23	12.20	12.18	13.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	12.23	12.19	12.17	13.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	12.13	12.28	12.20	13.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	12.23	12.21	12.15	13.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	12.14	12.28	12.17	13.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	12.19	12.28	12.14	13.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	12.13	12.20	12.14	13.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.27		16.5	0.0
100	PI/2 BPSK	1	137		15.21			
100	PI/2 BPSK	1	271		15.03			
100	PI/2 BPSK	135	0		15.24		16.5	0.0
100	PI/2 BPSK	135	69		15.11		16.5	0.0
100	PI/2 BPSK	135	138		15.14		16.5	0.0
100	PI/2 BPSK	270	0		15.16			
100	QPSK	1	1		15.37		16.5	0.0
100	QPSK	1	137		15.26			
100	QPSK	1	271		15.36			
100	QPSK	135	0		14.97		16.5	0.0
100	QPSK	135	69		15.22		16.5	0.0
100	QPSK	135	138		14.85		16.5	0.0
100	QPSK	270	0		14.98			
100	16QAM	1	1		14.86		16.5	0.0
100	64QAM	1	1		15.07		16.5	0.0
100	256QAM	1	1		14.98		16.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.21	15.24	15.14	16.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.22	15.21	15.18	16.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.19	15.20	15.15	16.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.23	15.23	15.20	16.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.19	15.25	15.13	16.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.19	15.17	15.13	16.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.26	15.23	15.17	16.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.24	15.23	15.14	16.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.21	15.18	15.12	16.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.24	15.27	15.20	16.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.22	15.23	15.15	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.42	17.51	17.38	19.0	0.0
40	PI/2 BPSK	1	53	17.33	17.39	17.31		
40	PI/2 BPSK	1	104	17.24	17.32	17.19		
40	PI/2 BPSK	50	0	17.41	17.57	17.31	19.0	0.0
40	PI/2 BPSK	50	28	17.25	17.33	17.26	19.0	0.0
40	PI/2 BPSK	50	56	17.26	17.39	17.29	19.0	0.0
40	PI/2 BPSK	100	0	17.26	17.34	17.36		
40	QPSK	1	1	17.56	17.58	17.49	19.0	0.0
40	QPSK	1	53	17.38	17.44	17.38		
40	QPSK	1	104	17.39	17.56	17.34		
40	QPSK	50	0	17.12	17.16	17.17	19.0	0.0
40	QPSK	50	28	17.32	17.53	17.36	19.0	0.0
40	QPSK	50	56	17.02	17.13	17.08	19.0	0.0
40	QPSK	100	0	17.22	17.25	17.20		
40	16QAM	1	1	17.12	17.17	17.18	19.0	0.0
40	64QAM	1	1	17.21	17.28	17.09	19.0	0.0
40	256QAM	1	1	17.18	17.30	17.14	19.0	0.0
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	17.40	17.42	17.24	19.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.31	17.38	17.33	19.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.32	17.43	17.24	19.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.37	17.32	17.28	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.05	15.00	14.94	16.0	0.0
100	PI/2 BPSK	1	137	14.82	14.83	14.75		
100	PI/2 BPSK	1	271	14.79	14.91	14.70		
100	PI/2 BPSK	135	0	15.00	15.08	14.85	16.0	0.0
100	PI/2 BPSK	135	69	14.75	14.85	14.82	16.0	0.0
100	PI/2 BPSK	135	138	14.76	14.90	14.75	16.0	0.0
100	PI/2 BPSK	270	0	14.87	14.90	14.81		
100	QPSK	1	1	15.01	15.14	15.13	16.0	0.0
100	QPSK	1	137	14.86	15.02	15.01		
100	QPSK	1	271	14.90	15.08	14.87		
100	QPSK	135	0	14.62	14.72	14.67	16.0	0.0
100	QPSK	135	69	14.87	14.97	14.90	16.0	0.0
100	QPSK	135	138	14.59	14.60	14.66	16.0	0.0
100	QPSK	270	0	14.79	14.88	14.70		
100	16QAM	1	1	14.61	14.73	14.77	16.0	0.0
100	64QAM	1	1	14.74	14.85	14.73	16.0	0.0
100	256QAM	1	1	14.71	14.84	14.72	16.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.86	15.07	14.99	16.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	14.96	15.08	15.09	16.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.97	15.06	15.07	16.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	14.87	15.05	15.06	16.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.95	15.04	14.97	16.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.98	15.04	15.00	16.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.84	15.05	14.97	16.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	14.90	15.03	15.04	16.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	14.96	15.02	15.02	16.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	14.92	15.08	14.98	16.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.84	15.00	14.97	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.01	17.99	17.89	19.0	0.0
100	PI/2 BPSK	1	137	17.86	17.89	17.78		
100	PI/2 BPSK	1	271	17.75	17.95	17.74		
100	PI/2 BPSK	135	0	17.97	18.09	17.89	19.0	0.0
100	PI/2 BPSK	135	69	17.80	17.90	17.81	19.0	0.0
100	PI/2 BPSK	135	138	17.80	17.94	17.81	19.0	0.0
100	PI/2 BPSK	270	0	17.85	17.90	17.77		
100	QPSK	1	1	18.00	18.16	18.06	19.0	0.0
100	QPSK	1	137	17.92	18.02	17.98		
100	QPSK	1	271	17.86	18.04	17.92		
100	QPSK	135	0	17.63	17.66	17.66	19.0	0.0
100	QPSK	135	69	17.91	17.97	17.90	19.0	0.0
100	QPSK	135	138	17.65	17.57	17.68	19.0	0.0
100	QPSK	270	0	17.80	17.91	17.73		
100	16QAM	1	1	17.64	17.70	17.81	19.0	0.0
100	64QAM	1	1	17.77	17.87	17.75	19.0	0.0
100	256QAM	1	1	17.66	17.86	17.69	19.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.94	18.01	18.02	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.86	18.12	17.97	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.92	18.09	18.03	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.89	18.06	17.92	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.90	18.04	18.00	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.95	18.03	17.91	19.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.97	18.00	17.97	19.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.92	18.08	18.01	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.91	18.03	17.95	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.85	18.10	17.93	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.92	18.11	17.98	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.09		16.0	0.0
100	PI/2 BPSK	1	137		15.01			
100	PI/2 BPSK	1	271		14.92			
100	PI/2 BPSK	135	0		15.13		16.0	0.0
100	PI/2 BPSK	135	69		15.02		16.0	0.0
100	PI/2 BPSK	135	138		14.94		16.0	0.0
100	PI/2 BPSK	270	0		14.94			
100	QPSK	1	1		15.21		16.0	0.0
100	QPSK	1	137		15.11			
100	QPSK	1	271		15.14			
100	QPSK	135	0		14.90		16.0	0.0
100	QPSK	135	69		15.13		16.0	0.0
100	QPSK	135	138		14.70		16.0	0.0
100	QPSK	270	0		14.99			
100	16QAM	1	1		14.82		16.0	0.0
100	64QAM	1	1		14.89		16.0	0.0
100	256QAM	1	1		14.89		16.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.11	15.14	14.99	16.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.13	15.13	15.08	16.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.07	15.16	15.03	16.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.07	15.16	15.06	16.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.02	15.12	15.04	16.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.08	15.09	15.04	16.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.09	15.14	15.04	16.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.06	15.13	15.03	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.00	15.10	14.98	16.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.00	15.15	15.00	16.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.10	15.11	15.05	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.14		19.0	0.0
100	PI/2 BPSK	1	137		18.02			
100	PI/2 BPSK	1	271		17.96			
100	PI/2 BPSK	135	0		18.17		19.0	0.0
100	PI/2 BPSK	135	69		18.03		19.0	0.0
100	PI/2 BPSK	135	138		17.99		19.0	0.0
100	PI/2 BPSK	270	0		17.87			
100	QPSK	1	1		18.22		19.0	0.0
100	QPSK	1	137		18.16			
100	QPSK	1	271		18.15			
100	QPSK	135	0		17.95		19.0	0.0
100	QPSK	135	69		18.17		19.0	0.0
100	QPSK	135	138		17.74		19.0	0.0
100	QPSK	270	0		18.05			
100	16QAM	1	1		17.88		19.0	0.0
100	64QAM	1	1		17.86		19.0	0.0
100	256QAM	1	1		17.94		19.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.14	18.17	18.04	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.15	18.18	17.93	19.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.08	18.09	18.01	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.09	18.13	17.97	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.14	18.15	17.94	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.09	18.12	17.96	19.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.15	18.19	18.06	19.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.15	18.14	18.06	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.11	18.14	17.98	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.07	18.19	17.93	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.07	18.08	18.03	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		14.95		16.0	0.0
100	PI/2 BPSK	1	137		14.88			
100	PI/2 BPSK	1	271		14.81			
100	PI/2 BPSK	135	0		15.03		16.0	0.0
100	PI/2 BPSK	135	69		14.82		16.0	0.0
100	PI/2 BPSK	135	138		14.87		16.0	0.0
100	PI/2 BPSK	270	0		14.84			
100	QPSK	1	1		15.13		16.0	0.0
100	QPSK	1	137		15.01			
100	QPSK	1	271		15.00			
100	QPSK	135	0		14.77		16.0	0.0
100	QPSK	135	69		15.01		16.0	0.0
100	QPSK	135	138		14.59		16.0	0.0
100	QPSK	270	0		14.84			
100	16QAM	1	1		14.76		16.0	0.0
100	64QAM	1	1		14.81		16.0	0.0
100	256QAM	1	1		14.78		16.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.02	15.06	14.93	16.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.03	15.01	14.99	16.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.98	15.04	14.92	16.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.99	15.05	14.95	16.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.07	15.08	14.90	16.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.03	15.06	14.96	16.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.00	15.08	14.99	16.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	14.97	15.04	14.92	16.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.99	15.06	15.00	16.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.04	15.09	14.89	16.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.06	15.10	14.91	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.93		19.0	0.0
100	PI/2 BPSK	1	137		17.87			
100	PI/2 BPSK	1	271		17.78			
100	PI/2 BPSK	135	0		18.01		19.0	0.0
100	PI/2 BPSK	135	69		17.87		19.0	0.0
100	PI/2 BPSK	135	138		17.81		19.0	0.0
100	PI/2 BPSK	270	0		17.90			
100	QPSK	1	1		18.14		19.0	0.0
100	QPSK	1	137		18.08			
100	QPSK	1	271		18.00			
100	QPSK	135	0		17.70		19.0	0.0
100	QPSK	135	69		17.98		19.0	0.0
100	QPSK	135	138		17.64		19.0	0.0
100	QPSK	270	0		17.79			
100	16QAM	1	1		17.82		19.0	0.0
100	64QAM	1	1		17.75		19.0	0.0
100	256QAM	1	1		17.81		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.00	18.05	17.86	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.06	18.02	17.86	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.98	18.06	17.92	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.96	18.04	17.95	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.09	18.09	17.90	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.02	18.05	17.92	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.03	18.05	17.94	19.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.99	17.99	17.97	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.00	18.01	17.87	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.00	18.03	17.98	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.06	18.12	17.90	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.93		16.0	0.0
100	PI/2 BPSK	1	137		14.85			
100	PI/2 BPSK	1	271		14.84			
100	PI/2 BPSK	135	0		15.05		16.0	0.0
100	PI/2 BPSK	135	69		14.91		16.0	0.0
100	PI/2 BPSK	135	138		14.93		16.0	0.0
100	PI/2 BPSK	270	0		14.82			
100	QPSK	1	1		15.08		16.0	0.0
100	QPSK	1	137		15.02			
100	QPSK	1	271		14.99			
100	QPSK	135	0		14.67		16.0	0.0
100	QPSK	135	69		15.04		16.0	0.0
100	QPSK	135	138		14.57		16.0	0.0
100	QPSK	270	0		14.85			
100	16QAM	1	1		14.72		16.0	0.0
100	64QAM	1	1		14.82		16.0	0.0
100	256QAM	1	1		14.81		16.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.85	14.96	15.05	16.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.92	15.03	15.00	16.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.89	15.02	14.99	16.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.92	14.92	14.98	16.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.85	14.95	14.98	16.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.98	14.91	15.03	16.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.90	14.99	14.91	16.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	14.88	15.00	15.03	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.84	14.97	14.99	16.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.89	15.02	14.94	16.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.88	15.04	15.02	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.86		19.0	0.0
100	PI/2 BPSK	1	137		17.86			
100	PI/2 BPSK	1	271		17.84			
100	PI/2 BPSK	135	0		18.10		19.0	0.0
100	PI/2 BPSK	135	69		17.89		19.0	0.0
100	PI/2 BPSK	135	138		17.99		19.0	0.0
100	PI/2 BPSK	270	0		17.82			
100	QPSK	1	1		18.11		19.0	0.0
100	QPSK	1	137		18.05			
100	QPSK	1	271		18.01			
100	QPSK	135	0		17.65		19.0	0.0
100	QPSK	135	69		18.00		19.0	0.0
100	QPSK	135	138		17.50		19.0	0.0
100	QPSK	270	0		17.83			
100	16QAM	1	1		17.69		19.0	0.0
100	64QAM	1	1		17.86		19.0	0.0
100	256QAM	1	1		17.86		19.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.86	17.96	18.09	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.89	17.96	18.06	19.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.79	17.99	18.05	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.90	18.02	18.02	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.90	17.97	18.06	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.86	17.98	18.07	19.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.83	17.89	18.09	19.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.92	18.00	18.06	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.85	17.93	18.02	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.80	17.92	17.98	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.88	17.91	18.03	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.53	22.61	22.54	24.0	0.0
40	PI/2 BPSK	1	53	22.55	22.62	22.47		
40	PI/2 BPSK	1	104	22.58	22.61	22.51		
40	PI/2 BPSK	50	0	22.13	22.10	22.02	23.5	0.5
40	PI/2 BPSK	50	28	22.54	22.57	22.54	24.0	0.0
40	PI/2 BPSK	50	56	22.11	22.13	22.09	23.5	0.5
40	PI/2 BPSK	100	0	22.12	22.18	22.07		
40	QPSK	1	1	22.63	22.65	22.57	24.0	0.0
40	QPSK	1	53	22.56	22.59	22.54		
40	QPSK	1	104	22.57	22.58	22.50		
40	QPSK	50	0	21.55	21.53	21.45	23.0	1.0
40	QPSK	50	28	22.55	22.60	22.51	24.0	0.0
40	QPSK	50	56	21.51	21.61	21.45	23.0	1.0
40	QPSK	100	0	21.61	21.65	21.58		
40	16QAM	1	1	21.60	21.63	21.53	23.0	1.0
40	64QAM	1	1	19.98	20.05	20.00	21.5	2.5
40	256QAM	1	1	17.96	18.02	17.94	19.5	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.98		
30	QPSK	1	1	22.51	22.55	22.45	24.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.61	22.62	22.45	24.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.58	22.57	22.48	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.60	22.62	22.48	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.66	21.66	21.50	23.0	0.0
100	PI/2 BPSK	1	137	21.47	21.49	21.41		
100	PI/2 BPSK	1	271	21.40	21.58	21.38		
100	PI/2 BPSK	135	0	21.60	21.64	21.55	23.0	0.0
100	PI/2 BPSK	135	69	21.39	21.54	21.42	23.0	0.0
100	PI/2 BPSK	135	138	21.35	21.54	21.44	23.0	0.0
100	PI/2 BPSK	270	0	21.54	21.56	21.55		
100	QPSK	1	1	21.77	21.81	21.69	23.0	0.0
100	QPSK	1	137	21.60	21.66	21.63		
100	QPSK	1	271	21.51	21.64	21.61		
100	QPSK	135	0	21.30	21.39	21.37	23.0	0.0
100	QPSK	135	69	21.60	21.73	21.49	23.0	0.0
100	QPSK	135	138	21.23	21.20	21.24	23.0	0.0
100	QPSK	270	0	21.46	21.52	21.37		
100	16QAM	1	1	21.35	21.36	21.38	23.0	0.0
100	64QAM	1	1	21.40	21.45	21.26	23.0	0.0
100	256QAM	1	1	21.06	21.11	21.05	22.5	0.5
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.65	21.78	21.54	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.67	21.66	21.64	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.67	21.78	21.59	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.71	21.68	21.54	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.65	21.68	21.55	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.63	21.70	21.56	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.66	21.78	21.64	23.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.63	21.71	21.57	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.71	21.75	21.56	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.70	21.68	21.61	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.62	21.73	21.62	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.65	24.67	24.56	26.0	0.0
100	PI/2 BPSK	1	137	24.49	24.60	24.46		
100	PI/2 BPSK	1	271	24.43	24.60	24.43		
100	PI/2 BPSK	135	0	24.59	24.77	24.46	26.0	0.0
100	PI/2 BPSK	135	69	24.51	24.51	24.53	26.0	0.0
100	PI/2 BPSK	135	138	24.45	24.51	24.36	26.0	0.0
100	PI/2 BPSK	270	0	24.49	24.50	24.43		
100	QPSK	1	1	24.72	24.81	24.67	26.0	0.0
100	QPSK	1	137	24.53	24.61	24.66		
100	QPSK	1	271	24.59	24.67	24.63		
100	QPSK	135	0	24.37	24.45	24.30	26.0	0.0
100	QPSK	135	69	24.60	24.69	24.56	26.0	0.0
100	QPSK	135	138	24.23	24.31	24.26	26.0	0.0
100	QPSK	270	0	24.48	24.56	24.31		
100	16QAM	1	1	24.34	24.42	24.42	26.0	0.0
100	64QAM	1	1	23.20	23.25	23.18	24.5	1.5
100	256QAM	1	1	21.13	21.16	21.11	22.5	3.5
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.61	24.69	24.63	26.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.62	24.69	24.55	26.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.66	24.69	24.55	26.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.64	24.65	24.58	26.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.69	24.69	24.55	26.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.55	24.68	24.57	26.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.60	24.64	24.51	26.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	24.65	24.71	24.50	26.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.61	24.75	24.56	26.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.59	24.77	24.64	26.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.62	24.77	24.57	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.88		23.0	0.0
100	PI/2 BPSK	1	137		21.66			
100	PI/2 BPSK	1	271		21.85			
100	PI/2 BPSK	135	0		21.90		23.0	0.0
100	PI/2 BPSK	135	69		21.82		23.0	0.0
100	PI/2 BPSK	135	138		21.78		23.0	0.0
100	PI/2 BPSK	270	0		21.82			
100	QPSK	1	1		22.07		23.0	0.0
100	QPSK	1	137		21.87			
100	QPSK	1	271		21.92			
100	QPSK	135	0		21.62		23.0	0.0
100	QPSK	135	69		22.00		23.0	0.0
100	QPSK	135	138		21.37		23.0	0.0
100	QPSK	270	0		21.80			
100	16QAM	1	1		21.59		23.0	0.0
100	64QAM	1	1		21.66		23.0	0.0
100	256QAM	1	1		21.47		22.5	0.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.94	22.04	21.78	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.91	21.95	21.82	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.85	21.94	21.72	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.87	22.04	21.70	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.87	21.96	21.82	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.84	22.05	21.78	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.82	22.06	21.70	23.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.85	21.99	21.70	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.89	22.01	21.71	23.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.93	22.01	21.82	23.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.92	22.05	21.70	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.84		26.0	0.0
100	PI/2 BPSK	1	137		24.82			
100	PI/2 BPSK	1	271		24.77			
100	PI/2 BPSK	135	0		24.92		26.0	0.0
100	PI/2 BPSK	135	69		24.66		26.0	0.0
100	PI/2 BPSK	135	138		24.70		26.0	0.0
100	PI/2 BPSK	270	0		24.67			
100	QPSK	1	1		24.95		26.0	0.0
100	QPSK	1	137		24.80			
100	QPSK	1	271		24.85			
100	QPSK	135	0		24.64		26.0	0.0
100	QPSK	135	69		24.87		26.0	0.0
100	QPSK	135	138		24.48		26.0	0.0
100	QPSK	270	0		24.74			
100	16QAM	1	1		24.58		26.0	0.0
100	64QAM	1	1		23.35		24.5	1.5
100	256QAM	1	1		21.40		22.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.86	24.90	24.87	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.82	24.84	24.82	26.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.74	24.94	24.78	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.83	24.86	24.79	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.85	24.89	24.80	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.87	24.92	24.77	26.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.78	24.93	24.79	26.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.75	24.91	24.87	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.80	24.83	24.85	26.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.87	24.83	24.81	26.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.79	24.94	24.89	26.0	0.0

Part27O n78 Ant 8 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.77		23.0	0.0
100	PI/2 BPSK	1	137		21.70			
100	PI/2 BPSK	1	271		21.69			
100	PI/2 BPSK	135	0		21.77		23.0	0.0
100	PI/2 BPSK	135	69		21.62		23.0	0.0
100	PI/2 BPSK	135	138		21.62		23.0	0.0
100	PI/2 BPSK	270	0		21.70			
100	QPSK	1	1		21.83		23.0	0.0
100	QPSK	1	137		21.80			
100	QPSK	1	271		21.76			
100	QPSK	135	0		21.51		23.0	0.0
100	QPSK	135	69		21.76		23.0	0.0
100	QPSK	135	138		21.38		23.0	0.0
100	QPSK	270	0		21.61			
100	16QAM	1	1		21.46		23.0	0.0
100	64QAM	1	1		21.59		23.0	0.0
100	256QAM	1	1		21.12		22.5	0.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.70	21.73	21.68	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.75	21.70	21.71	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.72	21.73	21.66	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.81	21.75	21.67	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.74	21.79	21.65	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.68	21.76	21.69	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.77	21.74	21.72	23.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.67	21.72	21.71	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.80	21.76	21.75	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.77	21.81	21.63	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.79	21.78	21.68	23.0	0.0

Part27O n78 HPUE Ant 8 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.81		26.0	0.0
100	PI/2 BPSK	1	137		24.64			
100	PI/2 BPSK	1	271		24.68			
100	PI/2 BPSK	135	0		24.75		26.0	0.0
100	PI/2 BPSK	135	69		24.68		26.0	0.0
100	PI/2 BPSK	135	138		24.68		26.0	0.0
100	PI/2 BPSK	270	0		24.75			
100	QPSK	1	1		24.82		26.0	0.0
100	QPSK	1	137		24.76			
100	QPSK	1	271		24.80			
100	QPSK	135	0		24.49		26.0	0.0
100	QPSK	135	69		24.75		26.0	0.0
100	QPSK	135	138		24.44		26.0	0.0
100	QPSK	270	0		24.55			
100	16QAM	1	1		24.52		26.0	0.0
100	64QAM	1	1		23.05		24.5	1.5
100	256QAM	1	1		21.15		22.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.68	24.75	24.66	26.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.64	24.73	24.67	26.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.69	24.73	24.72	26.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.76	24.71	24.72	26.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.75	24.75	24.64	26.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.69	24.68	24.70	26.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.70	24.79	24.64	26.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.75	24.72	24.67	26.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.76	24.78	24.70	26.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.73	24.73	24.64	26.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.69	24.68	24.64	26.0	0.0

Part27Q n78 Ant 8 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.81		23.0	0.0
100	PI/2 BPSK	1	137		21.75			
100	PI/2 BPSK	1	271		21.73			
100	PI/2 BPSK	135	0		21.78		23.0	0.0
100	PI/2 BPSK	135	69		21.57		23.0	0.0
100	PI/2 BPSK	135	138		21.63		23.0	0.0
100	PI/2 BPSK	270	0		21.68			
100	QPSK	1	1		21.85		23.0	0.0
100	QPSK	1	137		21.84			
100	QPSK	1	271		21.75			
100	QPSK	135	0		21.52		23.0	0.0
100	QPSK	135	69		21.73		23.0	0.0
100	QPSK	135	138		21.35		23.0	0.0
100	QPSK	270	0		21.58			
100	16QAM	1	1		21.45		23.0	0.0
100	64QAM	1	1		21.57		23.0	0.0
100	256QAM	1	1		21.25		22.5	0.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.58	21.68	21.68	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.67	21.70	21.60	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.64	21.70	21.67	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.71	21.66	21.61	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.58	21.69	21.69	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.70	21.64	21.60	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.59	21.72	21.56	23.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.66	21.72	21.64	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.65	21.65	21.59	23.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.65	21.61	21.57	23.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.61	21.68	21.63	23.0	0.0

Part27Q n78 HPUE Ant 8 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.75		26.0	0.0
100	PI/2 BPSK	1	137		24.79			
100	PI/2 BPSK	1	271		24.70			
100	PI/2 BPSK	135	0		24.84		26.0	0.0
100	PI/2 BPSK	135	69		24.63		26.0	0.0
100	PI/2 BPSK	135	138		24.66		26.0	0.0
100	PI/2 BPSK	270	0		24.72			
100	QPSK	1	1		24.90		26.0	0.0
100	QPSK	1	137		24.80			
100	QPSK	1	271		24.79			
100	QPSK	135	0		24.49		26.0	0.0
100	QPSK	135	69		24.77		26.0	0.0
100	QPSK	135	138		24.41		26.0	0.0
100	QPSK	270	0		24.53			
100	16QAM	1	1		24.40		26.0	0.0
100	64QAM	1	1		23.12		24.5	1.5
100	256QAM	1	1		21.26		22.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.57	24.67	24.65	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.56	24.63	24.61	26.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.52	24.66	24.65	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.63	24.65	24.68	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.61	24.67	24.67	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.58	24.69	24.72	26.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.55	24.61	24.63	26.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.59	24.62	24.63	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.64	24.70	24.64	26.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.57	24.71	24.73	26.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.55	24.64	24.74	26.0	0.0

Reduced Power Mode for DSI3

n5 Ant 0 DSI3

BW [MHz]	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	24.43	24.55	24.58	25.2	0.0
20	PI/2 BPSK	1	53	24.55	24.63	24.64		
20	PI/2 BPSK	1	104	24.55	24.58	24.60		
20	PI/2 BPSK	50	0	24.61	24.67	24.66	25.2	0.0
20	PI/2 BPSK	50	28	24.49	24.58	24.54	25.2	0.0
20	PI/2 BPSK	50	56	24.61	24.61	24.68	25.2	0.0
20	PI/2 BPSK	100	0	24.58	24.61	24.63		
20	QPSK	1	1	24.60	24.69	24.66	25.2	0.0
20	QPSK	1	53	24.47	24.49	24.50		
20	QPSK	1	104	24.52	24.62	24.64		
20	QPSK	50	0	24.16	24.15	24.16	24.7	0.5
20	QPSK	50	28	24.45	24.58	24.36	25.2	0.0
20	QPSK	50	56	24.13	24.18	24.12	24.7	0.5
20	QPSK	100	0	24.16	24.25	24.21		
20	16QAM	1	1	24.17	24.20	24.19	24.7	0.5
20	64QAM	1	1	22.60	22.73	22.61	23.2	2.0
20	256QAM	1	1	20.58	20.71	20.68	21.2	4.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.46	24.52	24.49	25.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.45	24.63	24.57	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.44	24.57	24.53	25.2	0.0

n26 Ant 0 DSI3

BW [MHz]	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	24.97	25.15	25.04	25.7	0.0
20	PI/2 BPSK	1	53	24.98	25.18	25.18		
20	PI/2 BPSK	1	104	25.12	25.13	25.11		
20	PI/2 BPSK	50	0	24.46	24.55	24.42	25.2	0.5
20	PI/2 BPSK	50	28	24.93	24.99	24.94	25.7	0.0
20	PI/2 BPSK	50	56	24.41	24.52	24.42	25.2	0.5
20	PI/2 BPSK	100	0	24.57	24.57	24.49		
20	QPSK	1	1	25.15	25.19	25.14	25.7	0.0
20	QPSK	1	53	25.02	25.05	25.04		
20	QPSK	1	104	25.01	25.08	25.09		
20	QPSK	50	0	23.90	24.07	23.90	24.7	1.0
20	QPSK	50	28	25.00	25.07	24.90	25.7	0.0
20	QPSK	50	56	23.85	24.03	23.86	24.7	1.0
20	QPSK	100	0	23.99	24.03	23.90		
20	16QAM	1	1	23.92	23.95	23.92	24.7	1.0
20	64QAM	1	1	22.63	22.73	22.65	23.2	2.5
20	256QAM	1	1	20.64	20.66	20.60	21.2	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.06	25.07	25.02	25.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.06	25.17	25.03	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	25.02	25.12	25.03	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.08	20.26	20.11	21.2	0.0
20	PI/2 BPSK	1	53	20.17	20.20	20.18		
20	PI/2 BPSK	1	104	20.11	20.16	20.15		
20	PI/2 BPSK	50	0	20.10	20.26	20.11	21.2	0.0
20	PI/2 BPSK	50	28	20.15	20.26	20.14	21.2	0.0
20	PI/2 BPSK	50	56	20.19	20.25	20.10	21.2	0.0
20	PI/2 BPSK	100	0	20.13	20.21	20.18		
20	QPSK	1	1	20.15	20.31	20.15	21.2	0.0
20	QPSK	1	53	20.17	20.18	20.09		
20	QPSK	1	104	20.19	20.17	20.19		
20	QPSK	50	0	20.10	20.18	20.19	21.2	0.0
20	QPSK	50	28	20.19	20.21	20.14	21.2	0.0
20	QPSK	50	56	20.18	20.19	20.17	21.2	0.0
20	QPSK	100	0	20.18	20.19	20.11		
20	16QAM	1	1	20.19	20.21	20.17	21.2	0.0
20	64QAM	1	1	20.20	20.26	20.10	21.2	0.0
20	256QAM	1	1	20.17	20.23	20.12	21.2	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.04	20.12	20.01	21.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.04	20.11	20.05	21.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.07	20.18	20.01	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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.12	21.19	21.06	22.2	0.0
20	PI/2 BPSK	1	53	21.18	21.19	21.11		
20	PI/2 BPSK	1	104	21.12	21.17	21.14		
20	PI/2 BPSK	50	0	21.09	21.10	21.13	22.2	0.0
20	PI/2 BPSK	50	28	21.11	21.17	21.15	22.2	0.0
20	PI/2 BPSK	50	56	21.11	21.10	21.17	22.2	0.0
20	PI/2 BPSK	100	0	21.07	21.19	21.15		
20	QPSK	1	1	21.07	21.32	21.09	22.2	0.0
20	QPSK	1	53	21.14	21.18	21.15		
20	QPSK	1	104	21.11	21.19	21.06		
20	QPSK	50	0	21.10	21.15	21.09	22.2	0.0
20	QPSK	50	28	21.11	21.19	21.15	22.2	0.0
20	QPSK	50	56	21.08	21.14	21.17	22.2	0.0
20	QPSK	100	0	21.08	21.15	21.14		
20	16QAM	1	1	21.17	21.12	21.11	22.2	0.0
20	64QAM	1	1	21.09	21.16	21.08	22.2	0.0
20	256QAM	1	1	20.09	20.13	20.09	21.2	1.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	20.99	21.11	21.04	22.2	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.00	21.10	20.98	22.2	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.01	21.05	21.02	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	21.20	21.19	21.23	22.5	0.0
40	PI/2 BPSK	1	108	21.16	21.24	21.21		
40	PI/2 BPSK	1	214	21.18	21.21	21.15		
40	PI/2 BPSK	108	0	21.11	21.20	21.13	22.5	0.0
40	PI/2 BPSK	108	54	21.15	21.21	21.18	22.5	0.0
40	PI/2 BPSK	108	108	21.16	21.22	21.18	22.5	0.0
40	PI/2 BPSK	216	0	21.19	21.19	21.19		
40	QPSK	1	1	21.20	21.31	21.23	22.5	0.0
40	QPSK	1	108	21.10	21.25	21.18		
40	QPSK	1	214	21.16	21.28	21.14		
40	QPSK	108	0	21.10	21.23	21.23	22.5	0.0
40	QPSK	108	54	21.09	21.24	21.21	22.5	0.0
40	QPSK	108	108	21.16	21.22	21.21	22.5	0.0
40	QPSK	216	0	21.14	21.26	21.15		
40	16QAM	1	1	21.21	21.20	21.21	22.5	0.0
40	64QAM	1	1	21.12	21.29	21.22	22.5	0.0
40	256QAM	1	1	19.13	19.11	19.21	20.5	2.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	21.09	21.10	21.12	22.5	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	21.00	21.11	21.02	22.5	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	21.10	21.16	21.14	22.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	21.01	21.14	21.12	22.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.01	21.20	21.04	22.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.01	21.08	21.02	22.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.03	21.09	21.07	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.84	18.83	18.84	20.0	0.0
40	PI/2 BPSK	1	108	18.84	18.81	18.78		
40	PI/2 BPSK	1	214	18.80	18.91	18.83		
40	PI/2 BPSK	108	0	18.80	18.85	18.80	20.0	0.0
40	PI/2 BPSK	108	54	18.78	18.85	18.87	20.0	0.0
40	PI/2 BPSK	108	108	18.84	18.82	18.81	20.0	0.0
40	PI/2 BPSK	216	0	18.81	18.91	18.88		
40	QPSK	1	1	18.77	18.95	18.81	20.0	0.0
40	QPSK	1	108	18.76	18.92	18.87		
40	QPSK	1	214	18.76	18.81	18.82		
40	QPSK	108	0	18.79	18.89	18.88	20.0	0.0
40	QPSK	108	54	18.82	18.93	18.86	20.0	0.0
40	QPSK	108	108	18.80	18.91	18.83	20.0	0.0
40	QPSK	216	0	18.76	18.85	18.80		
40	16QAM	1	1	18.86	18.90	18.86	20.0	0.0
40	64QAM	1	1	18.82	18.84	18.80	20.0	0.0
40	256QAM	1	1	18.82	18.84	18.78	20.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	18.72	18.74	18.68	20.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.64	18.75	18.73	20.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.72	18.80	18.76	20.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.71	18.72	18.76	20.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.76	18.79	18.71	20.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.64	18.76	18.73	20.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.65	18.80	18.71	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.38	21.56	21.39	22.5	0.0
40	PI/2 BPSK	1	108	21.37	21.45	21.42		
40	PI/2 BPSK	1	214	21.35	21.56	21.42		
40	PI/2 BPSK	108	0	21.36	21.55	21.50	22.5	0.0
40	PI/2 BPSK	108	54	21.28	21.49	21.40	22.5	0.0
40	PI/2 BPSK	108	108	21.35	21.53	21.35	22.5	0.0
40	PI/2 BPSK	216	0	21.37	21.53	21.39		
40	QPSK	1	1	21.36	21.63	21.34	22.5	0.0
40	QPSK	1	108	21.35	21.50	21.45		
40	QPSK	1	214	21.35	21.49	21.36		
40	QPSK	108	0	21.43	21.51	21.42	22.5	0.0
40	QPSK	108	54	21.28	21.55	21.30	22.5	0.0
40	QPSK	108	108	21.28	21.47	21.38	22.5	0.0
40	QPSK	216	0	21.29	21.55	21.40		
40	16QAM	1	1	21.35	21.42	21.45	22.5	0.0
40	64QAM	1	1	21.46	21.49	21.39	22.5	0.0
40	256QAM	1	1	19.89	19.81	19.73	21.0	1.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.34	21.47	21.26	22.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.31	21.48	21.29	22.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.32	21.47	21.27	22.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.34	21.48	21.34	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	21.34	21.43	21.29	22.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.26	21.48	21.29	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	21.29	21.40	21.38	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	21.16	21.16	21.14	22.0	0.0
40	PI/2 BPSK	1	108	21.12	21.24	21.10		
40	PI/2 BPSK	1	214	21.17	21.17	21.09		
40	PI/2 BPSK	108	0	21.21	21.14	21.17	22.0	0.0
40	PI/2 BPSK	108	54	21.12	21.17	21.21	22.0	0.0
40	PI/2 BPSK	108	108	21.18	21.18	21.18	22.0	0.0
40	PI/2 BPSK	216	0	21.12	21.24	21.10		
40	QPSK	1	1	21.18	21.28	21.12	22.0	0.0
40	QPSK	1	108	21.12	21.15	21.13		
40	QPSK	1	214	21.20	21.18	21.13		
40	QPSK	108	0	21.11	21.14	21.09	22.0	0.0
40	QPSK	108	54	21.13	21.25	21.14	22.0	0.0
40	QPSK	108	108	21.21	21.23	21.16	22.0	0.0
40	QPSK	216	0	21.16	21.26	21.17		
40	16QAM	1	1	21.18	21.20	21.19	22.0	0.0
40	64QAM	1	1	21.12	21.20	21.16	22.0	0.0
40	256QAM	1	1	20.17	20.17	20.20	21.0	1.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	21.02	21.14	21.00	22.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	21.05	21.15	21.06	22.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	21.05	21.12	21.04	22.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	21.08	21.15	21.01	22.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.00	21.10	21.01	22.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.02	21.13	21.11	22.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.09	21.04	21.05	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.77	19.80	19.71	20.2	0.0
40	PI/2 BPSK	1	108	19.70	19.79	19.77		
40	PI/2 BPSK	1	214	19.76	19.89	19.72		
40	PI/2 BPSK	108	0	19.75	19.84	19.71	20.2	0.0
40	PI/2 BPSK	108	54	19.78	19.84	19.80	20.2	0.0
40	PI/2 BPSK	108	108	19.73	19.87	19.78	20.2	0.0
40	PI/2 BPSK	216	0	19.69	19.83	19.75		
40	QPSK	1	1	19.77	19.93	19.70	20.2	0.0
40	QPSK	1	108	19.76	19.79	19.76		
40	QPSK	1	214	19.68	19.79	19.70		
40	QPSK	108	0	19.68	19.82	19.73	20.2	0.0
40	QPSK	108	54	19.69	19.85	19.72	20.2	0.0
40	QPSK	108	108	19.68	19.81	19.74	20.2	0.0
40	QPSK	216	0	19.67	19.83	19.72		
40	16QAM	1	1	19.75	19.89	19.78	20.2	0.0
40	64QAM	1	1	19.72	19.84	19.72	20.2	0.0
40	256QAM	1	1	19.68	19.80	19.80	20.2	0.0
Channel				502500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	19.67	19.73	19.69	20.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.62	19.73	19.65	20.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.61	19.72	19.69	20.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.66	19.71	19.67	20.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.63	19.69	19.67	20.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.68	19.68	19.64	20.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.63	19.80	19.60	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.70	20.86	20.70	21.2	0.0
40	PI/2 BPSK	1	108	20.73	20.83	20.79		
40	PI/2 BPSK	1	214	20.71	20.85	20.79		
40	PI/2 BPSK	108	0	20.68	20.83	20.72	21.2	0.0
40	PI/2 BPSK	108	54	20.73	20.80	20.77	21.2	0.0
40	PI/2 BPSK	108	108	20.72	20.76	20.80	21.2	0.0
40	PI/2 BPSK	216	0	20.74	20.87	20.75		
40	QPSK	1	1	20.74	20.89	20.78	21.2	0.0
40	QPSK	1	108	20.72	20.84	20.74		
40	QPSK	1	214	20.68	20.80	20.72		
40	QPSK	108	0	20.74	20.75	20.75	21.2	0.0
40	QPSK	108	54	20.74	20.86	20.81	21.2	0.0
40	QPSK	108	108	20.66	20.76	20.82	21.2	0.0
40	QPSK	216	0	20.77	20.85	20.81		
40	16QAM	1	1	20.75	20.83	20.77	21.2	0.0
40	64QAM	1	1	20.71	20.76	20.71	21.2	0.0
40	256QAM	1	1	20.70	20.79	20.70	21.2	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.62	20.68	20.67	21.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.56	20.71	20.68	21.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.63	20.75	20.62	21.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.66	20.73	20.69	21.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.64	20.68	20.61	21.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.65	20.75	20.64	21.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.57	20.75	20.68	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	20.18	20.21	20.05	21.5	0.0
40	PI/2 BPSK	1	108	20.05	20.04	19.88		
40	PI/2 BPSK	1	214	19.93	20.07	19.83		
40	PI/2 BPSK	108	0	20.13	20.17	20.06	21.5	0.0
40	PI/2 BPSK	108	54	20.09	20.02	20.07	21.5	0.0
40	PI/2 BPSK	108	108	19.91	20.14	19.95	21.5	0.0
40	PI/2 BPSK	216	0	20.12	19.98	20.00		
40	QPSK	1	1	20.31	20.38	20.36	21.5	0.0
40	QPSK	1	108	20.11	20.19	20.23		
40	QPSK	1	214	20.01	20.33	20.06		
40	QPSK	108	0	19.80	19.92	19.95	21.5	0.0
40	QPSK	108	54	20.13	20.23	20.19	21.5	0.0
40	QPSK	108	108	19.78	19.85	19.71	21.5	0.0
40	QPSK	216	0	19.91	20.02	19.98		
40	16QAM	1	1	19.86	19.90	19.89	21.5	0.0
40	64QAM	1	1	19.98	19.91	19.86	21.5	0.0
40	256QAM	1	1	19.38	19.44	19.42	21.0	0.5
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.28	20.27	20.32	21.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.22	20.31	20.24	21.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.24	20.15	20.25	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.12	20.21	20.25	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.29	20.23	20.25	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.22	20.15	20.19	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.26	20.21	20.28	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.27	22.34	22.19	23.5	0.0
40	PI/2 BPSK	1	108	22.05	22.24	22.01		
40	PI/2 BPSK	1	214	22.08	22.20	22.03		
40	PI/2 BPSK	108	0	22.32	22.29	22.21	23.5	0.0
40	PI/2 BPSK	108	54	22.05	22.13	22.13	23.5	0.0
40	PI/2 BPSK	108	108	21.97	22.15	22.12	23.5	0.0
40	PI/2 BPSK	216	0	22.10	22.13	22.11		
40	QPSK	1	1	22.37	22.43	22.37	23.5	0.0
40	QPSK	1	108	22.21	22.28	22.29		
40	QPSK	1	214	22.14	22.31	22.25		
40	QPSK	108	0	22.01	22.09	21.97	23.5	0.0
40	QPSK	108	54	22.18	22.28	22.19	23.5	0.0
40	QPSK	108	108	21.94	21.82	21.98	23.5	0.0
40	QPSK	216	0	22.01	22.17	22.07		
40	16QAM	1	1	22.00	21.97	21.98	23.5	0.0
40	64QAM	1	1	21.01	21.21	21.12	23.0	0.5
40	256QAM	1	1	19.05	19.07	19.11	21.0	2.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.26	22.30	22.28	23.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.32	22.30	22.28	23.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.22	22.29	22.24	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.31	22.36	22.21	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.24	22.39	22.22	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.31	22.27	22.27	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.22	22.34	22.31	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.22	18.29	18.32	19.5	0.0
40	PI/2 BPSK	1	53	18.19	18.33	18.24		
40	PI/2 BPSK	1	104	18.20	18.27	18.31		
40	PI/2 BPSK	50	0	18.25	18.26	18.32	19.5	0.0
40	PI/2 BPSK	50	28	18.24	18.32	18.24	19.5	0.0
40	PI/2 BPSK	50	56	18.25	18.32	18.26	19.5	0.0
40	PI/2 BPSK	100	0	18.22	18.32	18.30		
40	QPSK	1	1	18.21	18.35	18.28	19.5	0.0
40	QPSK	1	53	18.15	18.30	18.30		
40	QPSK	1	104	18.16	18.32	18.22		
40	QPSK	50	0	18.20	18.33	18.23	19.5	0.0
40	QPSK	50	28	18.16	18.34	18.25	19.5	0.0
40	QPSK	50	56	18.17	18.33	18.23	19.5	0.0
40	QPSK	100	0	18.20	18.31	18.29		
40	16QAM	1	1	18.25	18.26	18.31	19.5	0.0
40	64QAM	1	1	18.24	18.29	18.22	19.5	0.0
40	256QAM	1	1	18.24	18.23	18.31	19.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.09	18.17	18.17	19.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.08	18.16	18.13	19.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.10	18.24	18.16	19.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.08	18.17	18.14	19.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.08	18.23	18.15	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.36	18.52	18.43	20.0	0.0
100	PI/2 BPSK	1	137	18.37	18.45	18.44		
100	PI/2 BPSK	1	271	18.38	18.52	18.40		
100	PI/2 BPSK	135	0	18.38	18.54	18.40	20.0	0.0
100	PI/2 BPSK	135	69	18.35	18.45	18.46	20.0	0.0
100	PI/2 BPSK	135	138	18.36	18.49	18.39	20.0	0.0
100	PI/2 BPSK	270	0	18.43	18.51	18.37		
100	QPSK	1	1	18.41	18.59	18.37	20.0	0.0
100	QPSK	1	137	18.33	18.44	18.48		
100	QPSK	1	271	18.34	18.43	18.42		
100	QPSK	135	0	18.34	18.50	18.38	20.0	0.0
100	QPSK	135	69	18.41	18.53	18.41	20.0	0.0
100	QPSK	135	138	18.37	18.45	18.45	20.0	0.0
100	QPSK	270	0	18.33	18.47	18.44		
100	16QAM	1	1	18.34	18.49	18.38	20.0	0.0
100	64QAM	1	1	18.40	18.46	18.37	20.0	0.0
100	256QAM	1	1	18.35	18.51	18.44	20.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.22	18.43	18.30	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.32	18.33	18.34	20.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.25	18.37	18.33	20.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.32	18.35	18.29	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.31	18.37	18.37	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.31	18.41	18.31	20.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.21	18.42	18.28	20.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	18.21	18.34	18.29	20.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.26	18.41	18.33	20.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.32	18.37	18.36	20.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.23	18.36	18.37	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.56	21.75	21.66	23.0	0.0
100	PI/2 BPSK	1	137	21.52	21.77	21.65		
100	PI/2 BPSK	1	271	21.50	21.70	21.67		
100	PI/2 BPSK	135	0	21.54	21.75	21.69	23.0	0.0
100	PI/2 BPSK	135	69	21.50	21.71	21.69	23.0	0.0
100	PI/2 BPSK	135	138	21.50	21.68	21.63	23.0	0.0
100	PI/2 BPSK	270	0	21.58	21.71	21.59		
100	QPSK	1	1	21.53	21.83	21.64	23.0	0.0
100	QPSK	1	137	21.51	21.75	21.67		
100	QPSK	1	271	21.52	21.78	21.67		
100	QPSK	135	0	21.57	21.68	21.59	23.0	0.0
100	QPSK	135	69	21.50	21.79	21.60	23.0	0.0
100	QPSK	135	138	21.60	21.78	21.66	23.0	0.0
100	QPSK	270	0	21.50	21.69	21.57		
100	16QAM	1	1	21.60	21.68	21.68	23.0	0.0
100	64QAM	1	1	21.54	21.75	21.61	23.0	0.0
100	256QAM	1	1	20.09	20.15	20.11	21.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.48	21.59	21.48	23.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	21.47	21.68	21.58	23.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.40	21.63	21.56	23.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.47	21.63	21.58	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.43	21.67	21.58	23.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.42	21.68	21.49	23.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.48	21.63	21.52	23.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	21.47	21.62	21.48	23.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.41	21.60	21.52	23.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.46	21.66	21.50	23.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.42	21.64	21.47	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.80	19.82	19.78	20.2	0.0
40	PI/2 BPSK	1	53	19.86	19.84	19.80		
40	PI/2 BPSK	1	104	19.89	19.82	19.76		
40	PI/2 BPSK	50	0	19.89	19.88	19.81	20.2	0.0
40	PI/2 BPSK	50	28	19.82	19.88	19.75	20.2	0.0
40	PI/2 BPSK	50	56	19.85	19.86	19.76	20.2	0.0
40	PI/2 BPSK	100	0	19.90	19.85	19.76		
40	QPSK	1	1	19.84	19.95	19.81	20.2	0.0
40	QPSK	1	53	19.81	19.89	19.84		
40	QPSK	1	104	19.86	19.87	19.76		
40	QPSK	50	0	19.85	19.85	19.86	20.2	0.0
40	QPSK	50	28	19.80	19.93	19.74	20.2	0.0
40	QPSK	50	56	19.90	19.85	19.75	20.2	0.0
40	QPSK	100	0	19.90	19.91	19.75		
40	16QAM	1	1	19.86	19.87	19.74	20.2	0.0
40	64QAM	1	1	19.86	19.82	19.81	20.2	0.0
40	256QAM	1	1	19.86	19.83	19.75	20.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.74	19.79	19.72	20.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.72	19.82	19.76	20.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.80	19.77	19.73	20.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.72	19.75	19.70	20.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.79	19.74	19.66	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	19.32	19.28	19.29	19.7	0.0
100	PI/2 BPSK	1	137	19.33	19.30	19.32		
100	PI/2 BPSK	1	271	19.26	19.28	19.32		
100	PI/2 BPSK	135	0	19.28	19.38	19.36	19.7	0.0
100	PI/2 BPSK	135	69	19.28	19.32	19.29	19.7	0.0
100	PI/2 BPSK	135	138	19.25	19.31	19.33	19.7	0.0
100	PI/2 BPSK	270	0	19.34	19.34	19.35		
100	QPSK	1	1	19.30	19.41	19.27	19.7	0.0
100	QPSK	1	137	19.33	19.34	19.36		
100	QPSK	1	271	19.32	19.32	19.30		
100	QPSK	135	0	19.23	19.31	19.38	19.7	0.0
100	QPSK	135	69	19.25	19.39	19.27	19.7	0.0
100	QPSK	135	138	19.35	19.36	19.29	19.7	0.0
100	QPSK	270	0	19.28	19.37	19.36		
100	16QAM	1	1	19.29	19.27	19.35	19.7	0.0
100	64QAM	1	1	19.27	19.37	19.34	19.7	0.0
100	256QAM	1	1	19.32	19.30	19.28	19.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.19	19.27	19.20	19.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.17	19.24	19.26	19.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.15	19.18	19.28	19.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.23	19.24	19.20	19.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.14	19.26	19.26	19.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.25	19.21	19.23	19.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.22	19.25	19.23	19.7	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.22	19.18	19.27	19.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.14	19.28	19.19	19.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.21	19.19	19.23	19.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.25	19.25	19.19	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.28	22.33	22.23	23.0	0.0
100	PI/2 BPSK	1	137	22.27	22.35	22.26		
100	PI/2 BPSK	1	271	22.26	22.23	22.27		
100	PI/2 BPSK	135	0	22.32	22.33	22.32	23.0	0.0
100	PI/2 BPSK	135	69	22.29	22.28	22.33	23.0	0.0
100	PI/2 BPSK	135	138	22.20	22.28	22.39	23.0	0.0
100	PI/2 BPSK	270	0	22.37	22.35	22.31		
100	QPSK	1	1	22.35	22.45	22.23	23.0	0.0
100	QPSK	1	137	22.35	22.39	22.32		
100	QPSK	1	271	22.38	22.34	22.28		
100	QPSK	135	0	22.27	22.25	22.34	23.0	0.0
100	QPSK	135	69	22.21	22.43	22.22	23.0	0.0
100	QPSK	135	138	22.37	22.32	22.25	23.0	0.0
100	QPSK	270	0	22.32	22.41	22.40		
100	16QAM	1	1	22.26	22.22	22.35	23.0	0.0
100	64QAM	1	1	22.33	22.42	22.31	23.0	0.0
100	256QAM	1	1	22.29	22.34	22.33	22.8	0.2
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.31	22.36	22.11	23.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.22	22.37	22.12	23.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.24	22.26	22.14	23.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.29	22.28	22.14	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.20	22.35	22.16	23.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.27	22.27	22.11	23.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.23	22.33	22.08	23.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.25	22.33	22.17	23.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.27	22.32	22.12	23.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.25	22.35	22.08	23.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.26	22.29	22.12	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.35	19.52	19.47	20.5	0.0
40	PI/2 BPSK	1	53	19.33	19.40	19.48		
40	PI/2 BPSK	1	104	19.36	19.43	19.41		
40	PI/2 BPSK	50	0	19.32	19.45	19.47	20.5	0.0
40	PI/2 BPSK	50	28	19.38	19.42	19.47	20.5	0.0
40	PI/2 BPSK	50	56	19.42	19.47	19.40	20.5	0.0
40	PI/2 BPSK	100	0	19.34	19.46	19.46		
40	QPSK	1	1	19.42	19.55	19.48	20.5	0.0
40	QPSK	1	53	19.44	19.50	19.43		
40	QPSK	1	104	19.37	19.48	19.49		
40	QPSK	50	0	19.36	19.52	19.43	20.5	0.0
40	QPSK	50	28	19.38	19.53	19.42	20.5	0.0
40	QPSK	50	56	19.41	19.50	19.46	20.5	0.0
40	QPSK	100	0	19.36	19.48	19.39		
40	16QAM	1	1	19.33	19.51	19.49	20.5	0.0
40	64QAM	1	1	19.39	19.43	19.48	20.5	0.0
40	256QAM	1	1	19.01	19.07	19.04	20.0	0.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.26	19.40	19.29	20.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.28	19.40	19.29	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.32	19.41	19.34	20.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.24	19.39	19.39	20.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.33	19.40	19.33	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.54	19.68	19.55	20.5	0.0
100	PI/2 BPSK	1	137	19.50	19.68	19.60		
100	PI/2 BPSK	1	271	19.55	19.67	19.57		
100	PI/2 BPSK	135	0	19.54	19.68	19.59	20.5	0.0
100	PI/2 BPSK	135	69	19.51	19.66	19.56	20.5	0.0
100	PI/2 BPSK	135	138	19.50	19.64	19.53	20.5	0.0
100	PI/2 BPSK	270	0	19.55	19.59	19.52		
100	QPSK	1	1	19.55	19.75	19.57	20.5	0.0
100	QPSK	1	137	19.55	19.70	19.55		
100	QPSK	1	271	19.55	19.63	19.60		
100	QPSK	135	0	19.53	19.60	19.60	20.5	0.0
100	QPSK	135	69	19.60	19.68	19.61	20.5	0.0
100	QPSK	135	138	19.51	19.61	19.58	20.5	0.0
100	QPSK	270	0	19.51	19.67	19.58		
100	16QAM	1	1	19.58	19.64	19.52	20.5	0.0
100	64QAM	1	1	19.59	19.59	19.59	20.5	0.0
100	256QAM	1	1	18.53	18.56	18.51	19.5	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.42	19.57	19.46	20.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.46	19.62	19.43	20.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.49	19.51	19.48	20.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.46	19.51	19.43	20.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.41	19.55	19.42	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.46	19.62	19.47	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.45	19.56	19.51	20.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.48	19.63	19.41	20.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.43	19.60	19.45	20.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.49	19.55	19.43	20.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.44	19.52	19.52	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.45	22.53	22.44	23.5	0.0
100	PI/2 BPSK	1	137	22.39	22.55	22.52		
100	PI/2 BPSK	1	271	22.43	22.59	22.43		
100	PI/2 BPSK	135	0	22.40	22.61	22.46	23.5	0.0
100	PI/2 BPSK	135	69	22.38	22.57	22.42	23.5	0.0
100	PI/2 BPSK	135	138	22.35	22.55	22.46	23.5	0.0
100	PI/2 BPSK	270	0	22.44	22.44	22.47		
100	QPSK	1	1	22.48	22.66	22.46	23.5	0.0
100	QPSK	1	137	22.44	22.55	22.48		
100	QPSK	1	271	22.47	22.51	22.47		
100	QPSK	135	0	22.48	22.51	22.54	23.5	0.0
100	QPSK	135	69	22.49	22.61	22.53	23.5	0.0
100	QPSK	135	138	22.44	22.48	22.43	23.5	0.0
100	QPSK	270	0	22.45	22.62	22.51		
100	16QAM	1	1	22.45	22.58	22.36	23.5	0.0
100	64QAM	1	1	21.52	21.51	21.52	22.5	1.0
100	256QAM	1	1	19.47	19.48	19.38	20.5	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.31	22.47	22.39	23.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.36	22.48	22.32	23.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.39	22.47	22.38	23.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.34	22.53	22.31	23.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.31	22.49	22.38	23.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.33	22.51	22.32	23.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.33	22.50	22.32	23.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.34	22.42	22.41	23.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.38	22.47	22.31	23.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.39	22.52	22.35	23.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.38	22.48	22.37	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.26	20.30	20.24	21.0	0.0
40	PI/2 BPSK	1	53	20.11	20.24	20.14		
40	PI/2 BPSK	1	104	20.13	20.15	19.99		
40	PI/2 BPSK	50	0	20.34	20.33	20.12	21.0	0.0
40	PI/2 BPSK	50	28	20.18	20.27	20.10	21.0	0.0
40	PI/2 BPSK	50	56	20.06	20.25	20.12	21.0	0.0
40	PI/2 BPSK	100	0	20.20	20.20	20.14		
40	QPSK	1	1	20.37	20.46	20.38	21.0	0.0
40	QPSK	1	53	20.23	20.36	20.24		
40	QPSK	1	104	20.26	20.36	20.23		
40	QPSK	50	0	19.96	20.06	19.99	21.0	0.0
40	QPSK	50	28	20.27	20.36	20.26	21.0	0.0
40	QPSK	50	56	19.99	20.14	20.07	21.0	0.0
40	QPSK	100	0	19.99	20.08	20.01		
40	16QAM	1	1	20.08	20.13	20.09	21.0	0.0
40	64QAM	1	1	20.07	20.08	20.00	21.0	0.0
40	256QAM	1	1	19.10	19.14	19.08	21.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.24	20.32	20.32	21.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.33	20.39	20.23	21.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.24	20.36	20.22	21.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.33	20.39	20.30	21.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.83	19.89	19.80	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.85	19.91	19.76	21.0	0.0
100	PI/2 BPSK	1	137	19.73	19.83	19.65		
100	PI/2 BPSK	1	271	19.68	19.77	19.54		
100	PI/2 BPSK	135	0	19.88	19.91	19.69	21.0	0.0
100	PI/2 BPSK	135	69	19.65	19.81	19.66	21.0	0.0
100	PI/2 BPSK	135	138	19.70	19.77	19.64	21.0	0.0
100	PI/2 BPSK	270	0	19.74	19.70	19.67		
100	QPSK	1	1	19.89	20.01	19.96	21.0	0.0
100	QPSK	1	137	19.79	19.91	19.89		
100	QPSK	1	271	19.83	19.96	19.81		
100	QPSK	135	0	19.57	19.61	19.57	21.0	0.0
100	QPSK	135	69	19.86	19.91	19.78	21.0	0.0
100	QPSK	135	138	19.63	19.71	19.62	21.0	0.0
100	QPSK	270	0	19.53	19.72	19.55		
100	16QAM	1	1	19.57	19.71	19.61	21.0	0.0
100	64QAM	1	1	19.57	19.68	19.56	21.0	0.0
100	256QAM	1	1	19.82	19.86	19.78	21.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.79	19.89	19.85	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.77	19.86	19.86	21.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.77	19.89	19.84	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.78	19.86	19.88	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.78	19.85	19.86	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.78	19.88	19.87	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.81	19.88	19.85	21.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.79	19.86	19.85	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.76	19.88	19.84	21.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.76	19.85	19.85	21.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.82	19.87	19.84	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.93	23.10	22.95	24.0	0.0
100	PI/2 BPSK	1	137	22.94	23.12	22.97		
100	PI/2 BPSK	1	271	22.89	23.08	22.99		
100	PI/2 BPSK	135	0	22.91	23.09	22.98	24.0	0.0
100	PI/2 BPSK	135	69	22.93	23.08	22.98	24.0	0.0
100	PI/2 BPSK	135	138	22.92	23.08	22.99	24.0	0.0
100	PI/2 BPSK	270	0	22.91	23.09	22.94		
100	QPSK	1	1	22.93	23.09	22.97	24.0	0.0
100	QPSK	1	137	22.91	23.06	22.97		
100	QPSK	1	271	22.94	23.08	22.99		
100	QPSK	135	0	22.95	23.06	23.00	24.0	0.0
100	QPSK	135	69	22.91	23.09	22.95	24.0	0.0
100	QPSK	135	138	22.90	23.08	22.94	24.0	0.0
100	QPSK	270	0	22.89	23.07	23.00		
100	16QAM	1	1	22.90	23.06	22.98	24.0	0.0
100	64QAM	1	1	22.91	23.11	22.98	24.0	0.0
100	256QAM	1	1	20.78	20.79	20.81	22.0	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.83	22.99	22.87	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.81	23.02	22.89	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.80	23.00	22.88	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.86	23.02	22.87	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.84	22.99	22.87	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.85	22.97	22.85	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.84	22.99	22.87	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.82	23.00	22.84	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.80	22.97	22.87	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.84	22.99	22.88	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.85	22.96	22.85	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.09	20.14	20.08	21.5	0.0
40	PI/2 BPSK	1	53	20.07	20.17	20.03		
40	PI/2 BPSK	1	104	20.03	20.13	20.07		
40	PI/2 BPSK	50	0	20.07	20.17	20.09	21.5	0.0
40	PI/2 BPSK	50	28	19.98	20.22	20.12	21.5	0.0
40	PI/2 BPSK	50	56	20.00	20.17	20.07	21.5	0.0
40	PI/2 BPSK	100	0	20.08	20.13	20.08		
40	QPSK	1	1	20.06	22.25	20.04	21.5	0.0
40	QPSK	1	53	20.01	20.21	20.12		
40	QPSK	1	104	20.04	20.12	20.08		
40	QPSK	50	0	19.59	19.64	19.52	21.0	0.5
40	QPSK	50	28	19.98	20.18	20.11	21.5	0.0
40	QPSK	50	56	19.57	19.64	19.58	21.0	0.5
40	QPSK	100	0	19.51	19.62	19.56		
40	16QAM	1	1	19.58	19.57	19.50	21.0	0.5
40	64QAM	1	1	18.08	18.15	17.99	19.5	2.0
40	256QAM	1	1	16.09	16.16	16.08	17.5	4.0
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.93	20.03	19.90	21.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.90	20.07	19.98	21.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	19.97	19.97	19.92	21.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.96	20.06	19.93	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.95	19.16	19.04	20.5	0.0
100	PI/2 BPSK	1	137	18.94	19.12	19.12		
100	PI/2 BPSK	1	271	18.87	19.14	19.08		
100	PI/2 BPSK	135	0	18.92	19.16	19.03	20.5	0.0
100	PI/2 BPSK	135	69	18.88	19.09	19.11	20.5	0.0
100	PI/2 BPSK	135	138	18.97	19.10	19.03	20.5	0.0
100	PI/2 BPSK	270	0	18.86	19.11	19.09		
100	QPSK	1	1	18.86	19.19	19.03	20.5	0.0
100	QPSK	1	137	18.91	19.07	19.11		
100	QPSK	1	271	18.96	19.11	19.02		
100	QPSK	135	0	18.96	19.12	19.11	20.5	0.0
100	QPSK	135	69	18.95	19.15	19.12	20.5	0.0
100	QPSK	135	138	18.91	19.08	19.03	20.5	0.0
100	QPSK	270	0	18.90	19.13	19.12		
100	16QAM	1	1	18.94	19.15	19.10	20.5	0.0
100	64QAM	1	1	18.86	19.12	19.14	20.5	0.0
100	256QAM	1	1	18.91	19.09	19.04	20.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.81	18.99	18.96	20.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.85	19.01	18.95	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.86	19.06	18.96	20.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.76	18.96	18.96	20.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.76	19.04	18.96	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.86	19.00	18.97	20.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.76	19.04	19.02	20.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.86	19.05	18.92	20.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.75	18.96	18.94	20.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.83	19.06	19.01	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.80	19.05	18.94	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.95	22.17	22.07	23.5	0.0
100	PI/2 BPSK	1	137	21.90	22.12	22.16		
100	PI/2 BPSK	1	271	21.85	22.13	22.07		
100	PI/2 BPSK	135	0	21.87	22.14	21.99	23.5	0.0
100	PI/2 BPSK	135	69	21.94	22.07	22.14	23.5	0.0
100	PI/2 BPSK	135	138	22.00	22.11	22.05	23.5	0.0
100	PI/2 BPSK	270	0	21.87	22.06	22.06		
100	QPSK	1	1	21.90	22.24	21.99	23.5	0.0
100	QPSK	1	137	21.91	22.10	22.15		
100	QPSK	1	271	21.95	22.10	22.08		
100	QPSK	135	0	21.98	22.09	22.06	23.5	0.0
100	QPSK	135	69	21.93	22.18	22.07	23.5	0.0
100	QPSK	135	138	21.97	22.09	22.02	23.5	0.0
100	QPSK	270	0	21.88	22.15	22.14		
100	16QAM	1	1	21.94	22.20	22.11	23.5	0.0
100	64QAM	1	1	21.59	21.53	21.59	23.0	0.5
100	256QAM	1	1	19.53	19.56	19.59	21.0	2.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.90	22.12	21.89	23.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.80	22.11	21.93	23.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.88	22.07	21.93	23.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.88	22.07	21.91	23.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.89	22.02	21.91	23.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.80	22.06	21.89	23.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.86	22.11	21.93	23.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.91	22.03	21.88	23.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.91	22.09	21.92	23.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.89	22.12	21.94	23.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.84	22.09	21.99	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.97		20.5	0.0
100	PI/2 BPSK	1	137		18.97			
100	PI/2 BPSK	1	271		18.98			
100	PI/2 BPSK	135	0		18.93		20.5	0.0
100	PI/2 BPSK	135	69		18.93		20.5	0.0
100	PI/2 BPSK	135	138		19.00		20.5	0.0
100	PI/2 BPSK	270	0		18.99			
100	QPSK	1	1		19.02		20.5	0.0
100	QPSK	1	137		18.95			
100	QPSK	1	271		18.90			
100	QPSK	135	0		18.98		20.5	0.0
100	QPSK	135	69		18.99		20.5	0.0
100	QPSK	135	138		18.98		20.5	0.0
100	QPSK	270	0		19.01			
100	16QAM	1	1		18.93		20.5	0.0
100	64QAM	1	1		18.98		20.5	0.0
100	256QAM	1	1		18.93		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.93	18.92	18.87	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.92	18.86	18.94	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.97	18.97	18.88	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.95	18.91	18.87	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.88	18.92	18.93	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.98	18.90	18.93	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.90	18.90	18.92	20.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.89	18.90	18.94	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.98	18.89	18.90	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.90	18.89	18.90	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.98	18.91	18.88	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.96		23.5	0.0
100	PI/2 BPSK	1	137		21.92			
100	PI/2 BPSK	1	271		21.99			
100	PI/2 BPSK	135	0		21.94		23.5	0.0
100	PI/2 BPSK	135	69		21.94		23.5	0.0
100	PI/2 BPSK	135	138		21.96		23.5	0.0
100	PI/2 BPSK	270	0		21.94			
100	QPSK	1	1		22.00		23.5	0.0
100	QPSK	1	137		21.95			
100	QPSK	1	271		21.93			
100	QPSK	135	0		21.93		23.5	0.0
100	QPSK	135	69		21.98		23.5	0.0
100	QPSK	135	138		21.93		23.5	0.0
100	QPSK	270	0		21.99			
100	16QAM	1	1		21.87		23.5	0.0
100	64QAM	1	1		21.11		23.0	0.5
100	256QAM	1	1		19.09		21.0	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.89	21.92	21.89	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.94	21.94	21.86	23.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.86	21.90	21.90	23.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.91	21.86	21.91	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.89	21.96	21.89	23.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.93	21.89	21.95	23.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.86	21.88	21.94	23.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.94	21.86	21.91	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.85	21.89	21.94	23.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.96	21.85	21.85	23.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.91	21.94	21.88	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.47		20.5	0.0
100	PI/2 BPSK	1	137		19.54			
100	PI/2 BPSK	1	271		19.46			
100	PI/2 BPSK	135	0		19.45		20.5	0.0
100	PI/2 BPSK	135	69		19.48		20.5	0.0
100	PI/2 BPSK	135	138		19.51		20.5	0.0
100	PI/2 BPSK	270	0		19.46			
100	QPSK	1	1		19.59		20.5	0.0
100	QPSK	1	137		19.48			
100	QPSK	1	271		19.54			
100	QPSK	135	0		19.51		20.5	0.0
100	QPSK	135	69		19.58		20.5	0.0
100	QPSK	135	138		19.57		20.5	0.0
100	QPSK	270	0		19.53			
100	16QAM	1	1		19.47		20.5	0.0
100	64QAM	1	1		19.56		20.5	0.0
100	256QAM	1	1		19.45		20.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.39	19.39	19.38	20.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.40	19.33	19.39	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.38	19.44	19.41	20.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.41	19.40	19.38	20.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.33	19.36	19.36	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.40	19.42	19.43	20.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.38	19.37	19.35	20.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.39	19.40	19.32	20.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.38	19.42	19.38	20.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.41	19.42	19.44	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.44	19.36	19.33	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.44		23.5	0.0
100	PI/2 BPSK	1	137		22.57			
100	PI/2 BPSK	1	271		22.42			
100	PI/2 BPSK	135	0		22.47		23.5	0.0
100	PI/2 BPSK	135	69		22.53		23.5	0.0
100	PI/2 BPSK	135	138		22.51		23.5	0.0
100	PI/2 BPSK	270	0		22.50			
100	QPSK	1	1		22.59		23.5	0.0
100	QPSK	1	137		22.47			
100	QPSK	1	271		22.55			
100	QPSK	135	0		22.46		23.5	0.0
100	QPSK	135	69		22.53		23.5	0.0
100	QPSK	135	138		22.52		23.5	0.0
100	QPSK	270	0		22.50			
100	16QAM	1	1		22.47		23.5	0.0
100	64QAM	1	1		21.51		22.5	1.0
100	256QAM	1	1		19.53		20.5	3.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.44	22.42	22.43	23.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.50	22.41	22.46	23.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.42	22.45	22.48	23.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.48	22.44	22.45	23.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.49	22.39	22.49	23.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.49	22.40	22.44	23.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.47	22.46	22.49	23.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.45	22.42	22.47	23.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.49	22.42	22.48	23.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.47	22.43	22.45	23.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.43	22.42	22.50	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.21		20.5	0.0
100	PI/2 BPSK	1	137		19.23			
100	PI/2 BPSK	1	271		19.24			
100	PI/2 BPSK	135	0		19.18		20.5	0.0
100	PI/2 BPSK	135	69		19.22		20.5	0.0
100	PI/2 BPSK	135	138		19.26		20.5	0.0
100	PI/2 BPSK	270	0		19.22			
100	QPSK	1	1		19.35		20.5	0.0
100	QPSK	1	137		19.21			
100	QPSK	1	271		19.19			
100	QPSK	135	0		19.22		20.5	0.0
100	QPSK	135	69		19.29		20.5	0.0
100	QPSK	135	138		19.28		20.5	0.0
100	QPSK	270	0		19.21			
100	16QAM	1	1		19.28		20.5	0.0
100	64QAM	1	1		19.26		20.5	0.0
100	256QAM	1	1		19.25		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.08	19.04	19.11	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.11	19.05	19.12	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.04	19.12	19.13	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.04	19.13	19.05	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.11	19.06	19.08	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.10	19.13	19.04	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.12	19.03	19.06	20.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.14	19.05	19.13	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.13	19.07	19.09	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.09	19.15	19.09	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.05	19.06	19.05	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.18		23.5	0.0
100	PI/2 BPSK	1	137		22.28			
100	PI/2 BPSK	1	271		22.30			
100	PI/2 BPSK	135	0		22.18		23.5	0.0
100	PI/2 BPSK	135	69		22.27		23.5	0.0
100	PI/2 BPSK	135	138		22.26		23.5	0.0
100	PI/2 BPSK	270	0		22.24			
100	QPSK	1	1		22.36		23.5	0.0
100	QPSK	1	137		22.23			
100	QPSK	1	271		22.21			
100	QPSK	135	0		22.17		23.5	0.0
100	QPSK	135	69		22.30		23.5	0.0
100	QPSK	135	138		22.27		23.5	0.0
100	QPSK	270	0		22.23			
100	16QAM	1	1		22.23		23.5	0.0
100	64QAM	1	1		21.31		22.5	1.0
100	256QAM	1	1		19.33		20.5	3.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.21	22.26	22.32	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.29	22.26	22.24	23.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.22	22.30	22.28	23.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.28	22.31	22.26	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.23	22.28	22.21	23.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.22	22.31	22.26	23.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.25	22.32	22.23	23.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.27	22.21	22.28	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.23	22.21	22.21	23.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.29	22.29	22.27	23.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.28	22.25	22.22	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.65	17.77	17.79	18.5	0.0
40	PI/2 BPSK	1	53	17.65	17.79	17.80		
40	PI/2 BPSK	1	104	17.66	17.81	17.74		
40	PI/2 BPSK	50	0	17.65	17.83	17.77	18.5	0.0
40	PI/2 BPSK	50	28	17.65	17.84	17.70	18.5	0.0
40	PI/2 BPSK	50	56	17.69	17.82	17.78	18.5	0.0
40	PI/2 BPSK	100	0	17.64	17.75	17.79		
40	QPSK	1	1	17.68	17.85	17.78	18.5	0.0
40	QPSK	1	53	17.72	17.81	17.76		
40	QPSK	1	104	17.64	17.81	17.80		
40	QPSK	50	0	17.70	17.75	17.73	18.5	0.0
40	QPSK	50	28	17.65	17.84	17.72	18.5	0.0
40	QPSK	50	56	17.63	17.82	17.77	18.5	0.0
40	QPSK	100	0	17.68	17.79	17.76		
40	16QAM	1	1	17.71	17.79	17.75	18.5	0.0
40	64QAM	1	1	17.64	17.79	17.71	18.5	0.0
40	256QAM	1	1	17.64	17.77	17.72	18.5	0.0
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	17.62	17.73	17.64	18.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.59	17.73	17.65	18.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.62	17.69	17.60	18.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.54	17.73	17.65	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.33	16.42	16.35	17.0	0.0
100	PI/2 BPSK	1	137	16.38	16.41	16.33		
100	PI/2 BPSK	1	271	16.38	16.36	16.27		
100	PI/2 BPSK	135	0	16.29	16.42	16.34	17.0	0.0
100	PI/2 BPSK	135	69	16.28	16.33	16.29	17.0	0.0
100	PI/2 BPSK	135	138	16.32	16.39	16.34	17.0	0.0
100	PI/2 BPSK	270	0	16.28	16.37	16.35		
100	QPSK	1	1	16.39	16.45	16.32	17.0	0.0
100	QPSK	1	137	16.35	16.36	16.34		
100	QPSK	1	271	16.31	16.36	16.29		
100	QPSK	135	0	16.30	16.40	16.32	17.0	0.0
100	QPSK	135	69	16.31	16.44	16.26	17.0	0.0
100	QPSK	135	138	16.30	16.43	16.33	17.0	0.0
100	QPSK	270	0	16.29	16.35	16.34		
100	16QAM	1	1	16.30	16.40	16.27	17.0	0.0
100	64QAM	1	1	16.39	16.37	16.36	17.0	0.0
100	256QAM	1	1	16.38	16.42	16.34	17.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.19	16.30	16.26	17.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.17	16.22	16.19	17.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.18	16.33	16.23	17.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.18	16.27	16.18	17.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.27	16.32	16.18	17.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.28	16.34	16.20	17.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.19	16.26	16.23	17.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.22	16.30	16.14	17.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.20	16.33	16.17	17.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.21	16.29	16.24	17.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.26	16.28	16.16	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.32	19.46	19.38	20.5	0.0
100	PI/2 BPSK	1	137	19.38	19.40	19.35		
100	PI/2 BPSK	1	271	19.33	19.41	19.24		
100	PI/2 BPSK	135	0	19.24	19.36	19.30	20.5	0.0
100	PI/2 BPSK	135	69	19.23	19.29	19.31	20.5	0.0
100	PI/2 BPSK	135	138	19.37	19.37	19.35	20.5	0.0
100	PI/2 BPSK	270	0	19.23	19.31	19.35		
100	QPSK	1	1	19.34	19.49	19.35	20.5	0.0
100	QPSK	1	137	19.32	19.34	19.35		
100	QPSK	1	271	19.27	19.41	19.23		
100	QPSK	135	0	19.26	19.37	19.34	20.5	0.0
100	QPSK	135	69	19.36	19.41	19.20	20.5	0.0
100	QPSK	135	138	19.35	19.39	19.32	20.5	0.0
100	QPSK	270	0	19.25	19.42	19.40		
100	16QAM	1	1	19.24	19.44	19.25	20.5	0.0
100	64QAM	1	1	19.37	19.36	19.30	20.5	0.0
100	256QAM	1	1	19.33	19.41	19.34	20.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.24	19.31	19.29	20.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.24	19.29	19.21	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.28	19.30	19.24	20.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.19	19.34	19.30	20.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.22	19.35	19.20	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.21	19.27	19.30	20.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.19	19.26	19.27	20.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.27	19.28	19.21	20.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.27	19.26	19.27	20.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.27	19.32	19.19	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.28	19.27	19.30	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.36		17.0	0.0
100	PI/2 BPSK	1	137		16.43			
100	PI/2 BPSK	1	271		16.39			
100	PI/2 BPSK	135	0		16.33		17.0	0.0
100	PI/2 BPSK	135	69		16.40		17.0	0.0
100	PI/2 BPSK	135	138		16.34		17.0	0.0
100	PI/2 BPSK	270	0		16.38			
100	QPSK	1	1		16.51		17.0	0.0
100	QPSK	1	137		16.42			
100	QPSK	1	271		16.33			
100	QPSK	135	0		16.38		17.0	0.0
100	QPSK	135	69		16.45		17.0	0.0
100	QPSK	135	138		16.40		17.0	0.0
100	QPSK	270	0		16.37			
100	16QAM	1	1		16.43		17.0	0.0
100	64QAM	1	1		16.41		17.0	0.0
100	256QAM	1	1		16.36		17.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.29	16.23	16.31	17.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.34	16.31	16.27	17.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.32	16.33	16.25	17.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.29	16.28	16.32	17.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.26	16.23	16.29	17.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.29	16.25	16.32	17.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.31	16.24	16.30	17.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	16.27	16.27	16.31	17.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.33	16.26	16.25	17.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.23	16.29	16.32	17.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.35	16.32	16.26	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.32		20.5	0.0
100	PI/2 BPSK	1	137		19.46			
100	PI/2 BPSK	1	271		19.41			
100	PI/2 BPSK	135	0		19.28		20.5	0.0
100	PI/2 BPSK	135	69		19.42		20.5	0.0
100	PI/2 BPSK	135	138		19.36		20.5	0.0
100	PI/2 BPSK	270	0		19.39			
100	QPSK	1	1		19.47		20.5	0.0
100	QPSK	1	137		19.42			
100	QPSK	1	271		19.29			
100	QPSK	135	0		19.42		20.5	0.0
100	QPSK	135	69		19.44		20.5	0.0
100	QPSK	135	138		19.36		20.5	0.0
100	QPSK	270	0		19.38			
100	16QAM	1	1		19.42		20.5	0.0
100	64QAM	1	1		19.39		20.5	0.0
100	256QAM	1	1		19.41		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.43	19.40	19.39	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.43	19.43	19.32	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.33	19.35	19.36	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.36	19.41	19.39	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.32	19.33	19.43	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.39	19.32	19.39	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.42	19.31	19.37	20.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.31	19.35	19.41	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.36	19.31	19.34	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.36	19.39	19.35	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.36	19.40	19.40	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.18		18.0	0.0
100	PI/2 BPSK	1	137		17.11			
100	PI/2 BPSK	1	271		17.09			
100	PI/2 BPSK	135	0		17.15		18.0	0.0
100	PI/2 BPSK	135	69		17.13		18.0	0.0
100	PI/2 BPSK	135	138		17.13		18.0	0.0
100	PI/2 BPSK	270	0		17.10			
100	QPSK	1	1		17.21		18.0	0.0
100	QPSK	1	137		17.16			
100	QPSK	1	271		17.09			
100	QPSK	135	0		17.16		18.0	0.0
100	QPSK	135	69		17.19		18.0	0.0
100	QPSK	135	138		17.17		18.0	0.0
100	QPSK	270	0		17.15			
100	16QAM	1	1		17.08		18.0	0.0
100	64QAM	1	1		17.12		18.0	0.0
100	256QAM	1	1		17.10		18.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.98	16.98	16.97	18.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.06	17.06	16.94	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.05	17.02	16.97	18.0	0.0
Channel				649668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.02	17.01	17.03	18.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.94	17.03	17.01	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.99	17.03	17.05	18.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.02	17.00	16.98	18.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.02	17.05	16.98	18.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.01	16.94	16.97	18.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.03	17.03	16.97	18.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.99	16.99	16.96	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.20		21.5	0.0
100	PI/2 BPSK	1	137		20.12			
100	PI/2 BPSK	1	271		20.12			
100	PI/2 BPSK	135	0		20.15		21.5	0.0
100	PI/2 BPSK	135	69		20.13		21.5	0.0
100	PI/2 BPSK	135	138		20.13		21.5	0.0
100	PI/2 BPSK	270	0		20.05			
100	QPSK	1	1		20.26		21.5	0.0
100	QPSK	1	137		20.18			
100	QPSK	1	271		20.05			
100	QPSK	135	0		20.12		21.5	0.0
100	QPSK	135	69		20.19		21.5	0.0
100	QPSK	135	138		20.17		21.5	0.0
100	QPSK	270	0		20.21			
100	16QAM	1	1		20.05		21.5	0.0
100	64QAM	1	1		20.16		21.5	0.0
100	256QAM	1	1		20.07		21.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.17	20.13	20.18	21.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.21	20.15	20.13	21.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.14	20.10	20.19	21.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.11	20.20	20.11	21.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.19	20.15	20.13	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.14	20.12	20.14	21.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.12	20.21	20.20	21.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.15	20.19	20.18	21.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.10	20.14	20.20	21.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.11	20.21	20.20	21.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.11	20.14	20.13	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.15		18.0	0.0
100	PI/2 BPSK	1	137		17.13			
100	PI/2 BPSK	1	271		17.20			
100	PI/2 BPSK	135	0		17.16		18.0	0.0
100	PI/2 BPSK	135	69		17.17		18.0	0.0
100	PI/2 BPSK	135	138		17.22		18.0	0.0
100	PI/2 BPSK	270	0		17.17			
100	QPSK	1	1		17.29		18.0	0.0
100	QPSK	1	137		17.20			
100	QPSK	1	271		17.14			
100	QPSK	135	0		17.22		18.0	0.0
100	QPSK	135	69		17.25		18.0	0.0
100	QPSK	135	138		17.16		18.0	0.0
100	QPSK	270	0		17.20			
100	16QAM	1	1		17.23		18.0	0.0
100	64QAM	1	1		17.21		18.0	0.0
100	256QAM	1	1		17.16		18.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.14	17.09	17.09	18.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.10	17.07	17.07	18.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.06	17.17	17.13	18.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.17	17.06	17.07	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.11	17.07	17.14	18.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.15	17.14	17.08	18.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.09	17.08	17.16	18.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.18	17.08	17.09	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.13	17.17	17.09	18.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.09	17.14	17.14	18.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.18	17.06	17.13	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.11		21.5	0.0
100	PI/2 BPSK	1	137		20.13			
100	PI/2 BPSK	1	271		20.17			
100	PI/2 BPSK	135	0		20.20		21.5	0.0
100	PI/2 BPSK	135	69		20.20		21.5	0.0
100	PI/2 BPSK	135	138		20.17		21.5	0.0
100	PI/2 BPSK	270	0		20.14			
100	QPSK	1	1		20.31		21.5	0.0
100	QPSK	1	137		20.16			
100	QPSK	1	271		20.17			
100	QPSK	135	0		20.20		21.5	0.0
100	QPSK	135	69		20.29		21.5	0.0
100	QPSK	135	138		20.18		21.5	0.0
100	QPSK	270	0		20.24			
100	16QAM	1	1		20.21		21.5	0.0
100	64QAM	1	1		20.27		21.5	0.0
100	256QAM	1	1		20.18		21.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.21	20.26	20.19	21.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.24	20.24	20.25	21.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.21	20.21	20.18	21.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.22	20.27	20.16	21.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.21	20.25	20.21	21.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.21	20.21	20.22	21.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.15	20.24	20.26	21.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.26	20.18	20.18	21.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.25	20.25	20.22	21.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.20	20.19	20.19	21.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.16	20.21	20.20	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	18.91	18.99	18.93	20.5	0.0
40	PI/2 BPSK	1	53	18.83	19.01	18.97		
40	PI/2 BPSK	1	104	18.85	18.93	18.94		
40	PI/2 BPSK	50	0	18.85	18.96	18.90	20.5	0.0
40	PI/2 BPSK	50	28	18.86	18.96	18.89	20.5	0.0
40	PI/2 BPSK	50	56	18.88	18.92	18.86	20.5	0.0
40	PI/2 BPSK	100	0	18.89	18.98	18.86		
40	QPSK	1	1	18.85	19.05	18.87	20.5	0.0
40	QPSK	1	53	18.89	18.95	18.88		
40	QPSK	1	104	18.88	18.94	18.97		
40	QPSK	50	0	18.87	18.92	18.87	20.5	0.0
40	QPSK	50	28	18.89	18.99	18.97	20.5	0.0
40	QPSK	50	56	18.91	18.95	18.87	20.5	0.0
40	QPSK	100	0	18.89	19.00	18.87		
40	16QAM	1	1	18.89	18.93	18.96	20.5	0.0
40	64QAM	1	1	18.92	18.91	18.86	20.5	0.0
40	256QAM	1	1	18.92	19.01	18.88	20.5	0.0
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.80	18.81	18.78	20.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.83	18.83	18.78	20.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.76	18.84	18.82	20.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	18.78	18.85	18.83	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.55	17.63	17.54	18.5	0.0
100	PI/2 BPSK	1	137	17.52	17.55	17.52		
100	PI/2 BPSK	1	271	17.55	17.56	17.58		
100	PI/2 BPSK	135	0	17.57	17.56	17.50	18.5	0.0
100	PI/2 BPSK	135	69	17.53	17.56	17.54	18.5	0.0
100	PI/2 BPSK	135	138	17.59	17.62	17.54	18.5	0.0
100	PI/2 BPSK	270	0	17.57	17.60	17.48		
100	QPSK	1	1	17.52	17.69	17.58	18.5	0.0
100	QPSK	1	137	17.50	17.55	17.55		
100	QPSK	1	271	17.59	17.55	17.58		
100	QPSK	135	0	17.57	17.55	17.51	18.5	0.0
100	QPSK	135	69	17.60	17.63	17.59	18.5	0.0
100	QPSK	135	138	17.62	17.60	17.59	18.5	0.0
100	QPSK	270	0	17.52	17.57	17.51		
100	16QAM	1	1	17.58	17.63	17.54	18.5	0.0
100	64QAM	1	1	17.60	17.63	17.58	18.5	0.0
100	256QAM	1	1	17.56	17.58	17.57	18.5	0.0
Channel				649660	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.47	17.52	17.46	18.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.46	17.50	17.39	18.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.42	17.54	17.44	18.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.47	17.54	17.50	18.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.43	17.47	17.50	18.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.48	17.47	17.41	18.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.51	17.53	17.48	18.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.43	17.50	17.48	18.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.52	17.45	17.45	18.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.50	17.49	17.43	18.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.42	17.54	17.42	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.59	20.58	20.57	21.5	0.0
100	PI/2 BPSK	1	137	20.52	20.59	20.51		
100	PI/2 BPSK	1	271	20.52	20.53	20.63		
100	PI/2 BPSK	135	0	20.54	20.52	20.44	21.5	0.0
100	PI/2 BPSK	135	69	20.53	20.53	20.60	21.5	0.0
100	PI/2 BPSK	135	138	20.61	20.58	20.52	21.5	0.0
100	PI/2 BPSK	270	0	20.53	20.63	20.47		
100	QPSK	1	1	20.55	20.71	20.56	21.5	0.0
100	QPSK	1	137	20.44	20.59	20.56		
100	QPSK	1	271	20.57	20.52	20.62		
100	QPSK	135	0	20.60	20.60	20.48	21.5	0.0
100	QPSK	135	69	20.63	20.68	20.60	21.5	0.0
100	QPSK	135	138	20.67	20.60	20.65	21.5	0.0
100	QPSK	270	0	20.51	20.62	20.47		
100	16QAM	1	1	20.55	20.62	20.55	21.5	0.0
100	64QAM	1	1	20.66	20.67	20.61	21.5	0.0
100	256QAM	1	1	20.56	20.54	20.55	21.5	0.0
Channel				649660	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.48	20.44	20.40	21.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.48	20.42	20.37	21.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.43	20.44	20.43	21.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.42	20.46	20.43	21.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.39	20.44	20.46	21.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.38	20.46	20.42	21.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.36	20.48	20.38	21.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.36	20.42	20.47	21.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.39	20.41	20.40	21.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.40	20.49	20.47	21.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.38	20.41	20.46	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.71		18.5	0.0
100	PI/2 BPSK	1	137		17.75			
100	PI/2 BPSK	1	271		17.63			
100	PI/2 BPSK	135	0		17.65		18.5	0.0
100	PI/2 BPSK	135	69		17.65		18.5	0.0
100	PI/2 BPSK	135	138		17.68		18.5	0.0
100	PI/2 BPSK	270	0		17.73			
100	QPSK	1	1		17.77		18.5	0.0
100	QPSK	1	137		17.73			
100	QPSK	1	271		17.65			
100	QPSK	135	0		17.75		18.5	0.0
100	QPSK	135	69		17.76		18.5	0.0
100	QPSK	135	138		17.72		18.5	0.0
100	QPSK	270	0		17.75			
100	16QAM	1	1		17.65		18.5	0.0
100	64QAM	1	1		17.64		18.5	0.0
100	256QAM	1	1		17.74		18.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.61	17.51	17.57	18.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.58	17.60	17.51	18.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.57	17.56	17.51	18.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.56	17.52	17.58	18.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.57	17.63	17.52	18.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.56	17.51	17.59	18.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.58	17.55	17.53	18.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.63	17.52	17.59	18.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.62	17.60	17.51	18.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.55	17.51	17.53	18.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.53	17.54	17.58	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.67		21.5	0.0
100	PI/2 BPSK	1	137		20.77			
100	PI/2 BPSK	1	271		20.63			
100	PI/2 BPSK	135	0		20.61		21.5	0.0
100	PI/2 BPSK	135	69		20.68		21.5	0.0
100	PI/2 BPSK	135	138		20.68		21.5	0.0
100	PI/2 BPSK	270	0		20.74			
100	QPSK	1	1		20.80		21.5	0.0
100	QPSK	1	137		20.69			
100	QPSK	1	271		20.60			
100	QPSK	135	0		20.72		21.5	0.0
100	QPSK	135	69		20.74		21.5	0.0
100	QPSK	135	138		20.73		21.5	0.0
100	QPSK	270	0		20.73			
100	16QAM	1	1		20.69		21.5	0.0
100	64QAM	1	1		20.58		21.5	0.0
100	256QAM	1	1		20.72		21.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.64	20.70	20.67	21.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.73	20.65	20.66	21.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.69	20.64	20.67	21.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.67	20.73	20.69	21.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.70	20.71	20.74	21.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.67	20.71	20.66	21.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.70	20.72	20.67	21.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.69	20.67	20.65	21.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.65	20.69	20.68	21.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.67	20.68	20.66	21.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.74	20.65	20.68	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.10		19.0	0.0
100	PI/2 BPSK	1	137		18.06			
100	PI/2 BPSK	1	271		18.13			
100	PI/2 BPSK	135	0		18.14		19.0	0.0
100	PI/2 BPSK	135	69		18.12		19.0	0.0
100	PI/2 BPSK	135	138		18.06		19.0	0.0
100	PI/2 BPSK	270	0		18.10			
100	QPSK	1	1		18.15		19.0	0.0
100	QPSK	1	137		18.08			
100	QPSK	1	271		18.03			
100	QPSK	135	0		18.12		19.0	0.0
100	QPSK	135	69		18.14		19.0	0.0
100	QPSK	135	138		18.08		19.0	0.0
100	QPSK	270	0		18.07			
100	16QAM	1	1		18.08		19.0	0.0
100	64QAM	1	1		18.11		19.0	0.0
100	256QAM	1	1		18.05		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.94	18.04	18.02	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.00	18.01	17.93	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.94	18.00	17.96	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.98	17.97	17.98	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.97	17.95	18.00	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.93	17.98	17.97	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.92	18.03	17.93	19.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.97	17.95	17.98	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.04	18.01	17.99	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.03	18.00	18.02	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.01	17.98	18.03	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.14		22.0	0.0
100	PI/2 BPSK	1	137		21.03			
100	PI/2 BPSK	1	271		21.16			
100	PI/2 BPSK	135	0		21.15		22.0	0.0
100	PI/2 BPSK	135	69		21.16		22.0	0.0
100	PI/2 BPSK	135	138		21.09		22.0	0.0
100	PI/2 BPSK	270	0		21.14			
100	QPSK	1	1		21.19		22.0	0.0
100	QPSK	1	137		21.14			
100	QPSK	1	271		21.08			
100	QPSK	135	0		21.14		22.0	0.0
100	QPSK	135	69		21.18		22.0	0.0
100	QPSK	135	138		21.12		22.0	0.0
100	QPSK	270	0		21.09			
100	16QAM	1	1		21.11		22.0	0.0
100	64QAM	1	1		21.10		22.0	0.0
100	256QAM	1	1		21.09		22.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.03	21.02	21.09	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.10	20.99	21.01	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.09	21.00	21.11	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.05	21.07	21.02	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.11	21.04	21.05	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.02	21.10	21.00	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.02	21.06	21.03	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.99	21.05	21.00	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.02	21.02	21.03	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.07	21.09	21.06	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.05	21.05	21.04	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.09		19.0	0.0
100	PI/2 BPSK	1	137		18.10			
100	PI/2 BPSK	1	271		18.11			
100	PI/2 BPSK	135	0		18.06		19.0	0.0
100	PI/2 BPSK	135	69		18.05		19.0	0.0
100	PI/2 BPSK	135	138		18.07		19.0	0.0
100	PI/2 BPSK	270	0		18.02			
100	QPSK	1	1		18.13		19.0	0.0
100	QPSK	1	137		18.01			
100	QPSK	1	271		18.05			
100	QPSK	135	0		18.11		19.0	0.0
100	QPSK	135	69		18.12		19.0	0.0
100	QPSK	135	138		18.08		19.0	0.0
100	QPSK	270	0		18.05			
100	16QAM	1	1		18.01		19.0	0.0
100	64QAM	1	1		18.03		19.0	0.0
100	256QAM	1	1		18.04		19.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.94	17.89	17.95	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.88	17.93	17.92	19.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.96	17.90	17.95	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.88	17.92	17.89	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.89	17.87	17.86	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.93	17.92	17.89	19.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.96	17.91	17.92	19.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.87	17.94	17.93	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.96	17.88	17.87	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.97	17.90	17.94	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.88	17.96	17.92	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.08		22.0	0.0
100	PI/2 BPSK	1	137		21.14			
100	PI/2 BPSK	1	271		21.06			
100	PI/2 BPSK	135	0		21.02		22.0	0.0
100	PI/2 BPSK	135	69		21.00		22.0	0.0
100	PI/2 BPSK	135	138		21.05		22.0	0.0
100	PI/2 BPSK	270	0		21.03			
100	QPSK	1	1		21.18		22.0	0.0
100	QPSK	1	137		21.01			
100	QPSK	1	271		21.08			
100	QPSK	135	0		21.07		22.0	0.0
100	QPSK	135	69		21.11		22.0	0.0
100	QPSK	135	138		21.06		22.0	0.0
100	QPSK	270	0		21.08			
100	16QAM	1	1		21.01		22.0	0.0
100	64QAM	1	1		21.08		22.0	0.0
100	256QAM	1	1		21.02		22.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.10	21.08	21.13	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.14	21.12	21.07	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.13	21.08	21.11	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.03	21.10	21.10	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.07	21.13	21.03	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.11	21.04	21.03	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.03	21.14	21.02	22.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.08	21.13	21.14	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.13	21.13	21.13	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.10	21.09	21.11	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.07	21.03	21.11	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	18.09	18.14	18.11	19.5	0.0
40	PI/2 BPSK	1	53	18.17	18.18	18.06		
40	PI/2 BPSK	1	104	18.11	18.20	18.06		
40	PI/2 BPSK	50	0	18.16	18.16	18.08	19.5	0.0
40	PI/2 BPSK	50	28	18.12	18.15	18.02	19.5	0.0
40	PI/2 BPSK	50	56	18.18	18.11	18.08	19.5	0.0
40	PI/2 BPSK	100	0	18.08	18.15	18.02		
40	QPSK	1	1	18.16	18.23	18.07	19.5	0.0
40	QPSK	1	53	18.16	18.20	18.11		
40	QPSK	1	104	18.10	18.11	18.05		
40	QPSK	50	0	18.13	18.19	18.11	19.5	0.0
40	QPSK	50	28	18.15	18.20	18.07	19.5	0.0
40	QPSK	50	56	18.09	18.12	18.09	19.5	0.0
40	QPSK	100	0	18.14	18.15	18.04		
40	16QAM	1	1	18.13	18.16	18.05	19.5	0.0
40	64QAM	1	1	18.09	18.12	18.12	19.5	0.0
40	256QAM	1	1	18.19	18.16	18.08	19.5	0.0
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.11	18.16	17.94	19.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.03	18.14	18.00	19.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.06	18.14	17.93	19.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	18.01	18.13	18.02	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.72	16.79	16.66	18.0	0.0
100	PI/2 BPSK	1	137	16.77	16.83	16.70		
100	PI/2 BPSK	1	271	16.76	16.85	16.73		
100	PI/2 BPSK	135	0	16.71	16.83	16.63	18.0	0.0
100	PI/2 BPSK	135	69	16.72	16.79	16.68	18.0	0.0
100	PI/2 BPSK	135	138	16.78	16.79	16.66	18.0	0.0
100	PI/2 BPSK	270	0	16.81	16.77	16.70		
100	QPSK	1	1	16.76	16.93	16.68	18.0	0.0
100	QPSK	1	137	16.81	16.77	16.69		
100	QPSK	1	271	16.76	16.76	16.64		
100	QPSK	135	0	16.71	16.83	16.73	18.0	0.0
100	QPSK	135	69	16.75	16.85	16.75	18.0	0.0
100	QPSK	135	138	16.71	16.82	16.65	18.0	0.0
100	QPSK	270	0	16.80	16.87	16.75		
100	16QAM	1	1	16.80	16.83	16.73	18.0	0.0
100	64QAM	1	1	16.81	16.76	16.70	18.0	0.0
100	256QAM	1	1	16.78	16.85	16.63	18.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.65	16.80	16.62	18.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.61	16.86	16.62	18.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.67	16.81	16.54	18.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.67	16.88	16.55	18.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.67	16.89	16.57	18.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.64	16.89	16.53	18.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.63	16.83	16.58	18.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.68	16.86	16.55	18.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.65	16.79	16.60	18.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.68	16.88	16.62	18.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.62	16.88	16.57	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.75	19.76	19.77	21.0	0.0
100	PI/2 BPSK	1	137	19.70	19.78	19.75		
100	PI/2 BPSK	1	271	19.72	19.82	19.74		
100	PI/2 BPSK	135	0	19.75	19.87	19.60	21.0	0.0
100	PI/2 BPSK	135	69	19.73	19.81	19.63	21.0	0.0
100	PI/2 BPSK	135	138	19.73	19.88	19.63	21.0	0.0
100	PI/2 BPSK	270	0	19.73	19.83	19.59		
100	QPSK	1	1	19.75	19.93	19.69	21.0	0.0
100	QPSK	1	137	19.80	19.79	19.68		
100	QPSK	1	271	19.70	19.80	19.71		
100	QPSK	135	0	19.72	19.86	19.64	21.0	0.0
100	QPSK	135	69	19.69	19.91	19.68	21.0	0.0
100	QPSK	135	138	19.80	19.88	19.61	21.0	0.0
100	QPSK	270	0	19.75	19.78	19.62		
100	16QAM	1	1	19.72	19.73	19.65	21.0	0.0
100	64QAM	1	1	19.68	19.78	19.68	21.0	0.0
100	256QAM	1	1	19.71	19.86	19.68	21.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.61	19.73	19.59	21.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.62	19.75	19.62	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.59	19.83	19.61	21.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.66	19.78	19.56	21.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.67	19.75	19.64	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.64	19.71	19.54	21.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.64	19.81	19.63	21.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.65	19.74	19.56	21.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.69	19.76	19.58	21.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.67	19.78	19.63	21.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.67	19.74	19.63	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.07		18.0	0.0
100	PI/2 BPSK	1	137		17.04			
100	PI/2 BPSK	1	271		17.12			
100	PI/2 BPSK	135	0		17.04		18.0	0.0
100	PI/2 BPSK	135	69		17.03		18.0	0.0
100	PI/2 BPSK	135	138		17.07		18.0	0.0
100	PI/2 BPSK	270	0		17.12			
100	QPSK	1	1		17.15		18.0	0.0
100	QPSK	1	137		17.12			
100	QPSK	1	271		17.10			
100	QPSK	135	0		17.13		18.0	0.0
100	QPSK	135	69		17.14		18.0	0.0
100	QPSK	135	138		17.11		18.0	0.0
100	QPSK	270	0		17.12			
100	16QAM	1	1		17.07		18.0	0.0
100	64QAM	1	1		17.08		18.0	0.0
100	256QAM	1	1		17.08		18.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.03	17.00	17.07	18.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.08	17.11	17.05	18.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.07	17.01	17.01	18.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.11	17.05	17.05	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.99	17.10	17.04	18.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.03	17.00	17.06	18.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.00	17.03	17.08	18.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.07	17.06	17.01	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.07	17.08	17.10	18.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.01	17.06	17.03	18.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.99	17.01	17.05	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.90		21.0	0.0
100	PI/2 BPSK	1	137		19.91			
100	PI/2 BPSK	1	271		19.92			
100	PI/2 BPSK	135	0		19.96		21.0	0.0
100	PI/2 BPSK	135	69		19.90		21.0	0.0
100	PI/2 BPSK	135	138		19.92		21.0	0.0
100	PI/2 BPSK	270	0		19.90			
100	QPSK	1	1		20.05		21.0	0.0
100	QPSK	1	137		19.93			
100	QPSK	1	271		19.95			
100	QPSK	135	0		19.93		21.0	0.0
100	QPSK	135	69		19.97		21.0	0.0
100	QPSK	135	138		19.93		21.0	0.0
100	QPSK	270	0		19.95			
100	16QAM	1	1		20.01		21.0	0.0
100	64QAM	1	1		19.89		21.0	0.0
100	256QAM	1	1		19.98		21.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.93	19.90	19.90	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.92	19.90	19.98	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.90	19.90	19.89	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.00	19.92	19.99	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.89	19.99	19.95	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.95	19.99	19.89	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.94	19.92	19.90	21.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.95	19.98	19.93	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.91	19.92	19.99	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.92	19.89	20.01	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.90	19.94	19.92	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.84		18.0	0.0
100	PI/2 BPSK	1	137		16.87			
100	PI/2 BPSK	1	271		16.82			
100	PI/2 BPSK	135	0		16.77		18.0	0.0
100	PI/2 BPSK	135	69		16.79		18.0	0.0
100	PI/2 BPSK	135	138		16.82		18.0	0.0
100	PI/2 BPSK	270	0		16.85			
100	QPSK	1	1		16.88		18.0	0.0
100	QPSK	1	137		16.87			
100	QPSK	1	271		16.78			
100	QPSK	135	0		16.85		18.0	0.0
100	QPSK	135	69		16.86		18.0	0.0
100	QPSK	135	138		16.83		18.0	0.0
100	QPSK	270	0		16.86			
100	16QAM	1	1		16.85		18.0	0.0
100	64QAM	1	1		16.80		18.0	0.0
100	256QAM	1	1		16.82		18.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.74	16.75	16.80	18.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.76	16.78	16.83	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.81	16.82	16.77	18.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.73	16.83	16.75	18.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.76	16.80	16.78	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.80	16.73	16.84	18.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.78	16.72	16.77	18.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.82	16.74	16.75	18.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.74	16.82	16.73	18.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.83	16.75	16.73	18.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.77	16.78	16.79	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.87		21.0	0.0
100	PI/2 BPSK	1	137		19.88			
100	PI/2 BPSK	1	271		19.80			
100	PI/2 BPSK	135	0		19.85		21.0	0.0
100	PI/2 BPSK	135	69		19.81		21.0	0.0
100	PI/2 BPSK	135	138		19.86		21.0	0.0
100	PI/2 BPSK	270	0		19.85			
100	QPSK	1	1		19.91		21.0	0.0
100	QPSK	1	137		19.80			
100	QPSK	1	271		19.76			
100	QPSK	135	0		19.85		21.0	0.0
100	QPSK	135	69		19.88		21.0	0.0
100	QPSK	135	138		19.87		21.0	0.0
100	QPSK	270	0		19.88			
100	16QAM	1	1		19.78		21.0	0.0
100	64QAM	1	1		19.81		21.0	0.0
100	256QAM	1	1		19.83		21.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.81	19.79	19.76	21.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.81	19.75	19.83	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.85	19.84	19.76	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.80	19.84	19.77	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.76	19.77	19.77	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.78	19.87	19.80	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.82	19.80	19.76	21.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.80	19.78	19.77	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.84	19.81	19.86	21.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.83	19.79	19.77	21.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.76	19.80	19.75	21.0	0.0

Part27Q n78 Ant 8 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.83		18.0	0.0
100	PI/2 BPSK	1	137		16.85			
100	PI/2 BPSK	1	271		16.83			
100	PI/2 BPSK	135	0		16.86		18.0	0.0
100	PI/2 BPSK	135	69		16.84		18.0	0.0
100	PI/2 BPSK	135	138		16.91		18.0	0.0
100	PI/2 BPSK	270	0		16.80			
100	QPSK	1	1		16.95		18.0	0.0
100	QPSK	1	137		16.80			
100	QPSK	1	271		16.82			
100	QPSK	135	0		16.83		18.0	0.0
100	QPSK	135	69		16.87		18.0	0.0
100	QPSK	135	138		16.86		18.0	0.0
100	QPSK	270	0		16.90			
100	16QAM	1	1		16.85		18.0	0.0
100	64QAM	1	1		16.89		18.0	0.0
100	256QAM	1	1		16.81		18.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.87	16.90	16.87	18.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.88	16.89	16.90	18.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.81	16.90	16.80	18.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.83	16.85	16.88	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.86	16.83	16.88	18.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.88	16.79	16.82	18.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.80	16.83	16.84	18.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	16.88	16.87	16.86	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.83	16.89	16.83	18.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.86	16.79	16.86	18.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.91	16.81	16.85	18.0	0.0

Part27Q n78 HPUE Ant 8 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.92		21.0	0.0
100	PI/2 BPSK	1	137		19.92			
100	PI/2 BPSK	1	271		19.84			
100	PI/2 BPSK	135	0		19.93		21.0	0.0
100	PI/2 BPSK	135	69		19.93		21.0	0.0
100	PI/2 BPSK	135	138		19.85		21.0	0.0
100	PI/2 BPSK	270	0		19.90			
100	QPSK	1	1		19.96		21.0	0.0
100	QPSK	1	137		19.86			
100	QPSK	1	271		19.89			
100	QPSK	135	0		19.91		21.0	0.0
100	QPSK	135	69		19.93		21.0	0.0
100	QPSK	135	138		19.91		21.0	0.0
100	QPSK	270	0		19.87			
100	16QAM	1	1		19.92		21.0	0.0
100	64QAM	1	1		19.91		21.0	0.0
100	256QAM	1	1		19.86		21.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.84	19.86	19.85	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.92	19.84	19.85	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.89	19.84	19.88	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.80	19.89	19.82	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.85	19.90	19.85	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.83	19.86	19.84	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.83	19.82	19.88	21.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.90	19.82	19.86	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.87	19.89	19.83	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.85	19.90	19.83	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.80	19.92	19.86	21.0	0.0

Reduced Power Mode for DSI4

n5 Ant 0 DSI4

BW [MHz]	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	24.43	24.55	24.58	25.2	0.0
20	PI/2 BPSK	1	53	24.55	24.63	24.64		
20	PI/2 BPSK	1	104	24.55	24.58	24.60		
20	PI/2 BPSK	50	0	24.61	24.67	24.66	25.2	0.0
20	PI/2 BPSK	50	28	24.49	24.58	24.54	25.2	0.0
20	PI/2 BPSK	50	56	24.61	24.61	24.68	25.2	0.0
20	PI/2 BPSK	100	0	24.58	24.61	24.63		
20	QPSK	1	1	24.60	24.69	24.66	25.2	0.0
20	QPSK	1	53	24.47	24.49	24.50		
20	QPSK	1	104	24.52	24.62	24.64		
20	QPSK	50	0	24.16	24.15	24.16	24.7	0.5
20	QPSK	50	28	24.45	24.58	24.36	25.2	0.0
20	QPSK	50	56	24.13	24.18	24.12	24.7	0.5
20	QPSK	100	0	24.16	24.25	24.21		
20	16QAM	1	1	24.17	24.20	24.19	24.7	0.5
20	64QAM	1	1	22.60	22.73	22.61	23.2	2.0
20	256QAM	1	1	20.58	20.71	20.68	21.2	4.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.46	24.52	24.49	25.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.45	24.63	24.57	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.44	24.57	24.53	25.2	0.0

n26 Ant 0 DSI4

BW [MHz]	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	24.97	25.15	25.04	25.7	0.0
20	PI/2 BPSK	1	53	24.98	25.18	25.18		
20	PI/2 BPSK	1	104	25.12	25.13	25.11		
20	PI/2 BPSK	50	0	24.46	24.55	24.42	25.2	0.5
20	PI/2 BPSK	50	28	24.93	24.99	24.94	25.7	0.0
20	PI/2 BPSK	50	56	24.41	24.52	24.42	25.2	0.5
20	PI/2 BPSK	100	0	24.57	24.57	24.49		
20	QPSK	1	1	25.15	25.19	25.14	25.7	0.0
20	QPSK	1	53	25.02	25.05	25.04		
20	QPSK	1	104	25.01	25.08	25.09		
20	QPSK	50	0	23.90	24.07	23.90	24.7	1.0
20	QPSK	50	28	25.00	25.07	24.90	25.7	0.0
20	QPSK	50	56	23.85	24.03	23.86	24.7	1.0
20	QPSK	100	0	23.99	24.03	23.90		
20	16QAM	1	1	23.92	23.95	23.92	24.7	1.0
20	64QAM	1	1	22.63	22.73	22.65	23.2	2.5
20	256QAM	1	1	20.64	20.66	20.60	21.2	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.06	25.07	25.02	25.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.06	25.17	25.03	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	25.02	25.12	25.03	25.7	0.0

n5 Ant 1 DSI4

BW [MHz]	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	24.63	24.53	24.51	25.7	0.0
20	PI/2 BPSK	1	53	24.61	24.55	24.53		
20	PI/2 BPSK	1	104	24.53	24.54	24.55		
20	PI/2 BPSK	50	0	24.15	24.15	24.23	25.2	0.5
20	PI/2 BPSK	50	28	24.53	24.49	24.50	25.7	0.0
20	PI/2 BPSK	50	56	24.17	24.25	24.19	25.2	0.5
20	PI/2 BPSK	100	0	24.12	24.10	24.13		
20	QPSK	1	1	24.64	24.71	24.64	25.7	0.0
20	QPSK	1	53	24.63	24.59	24.56		
20	QPSK	1	104	24.54	24.59	24.52		
20	QPSK	50	0	23.73	23.77	23.61	24.7	1.0
20	QPSK	50	28	24.52	24.59	24.51	25.7	0.0
20	QPSK	50	56	23.80	23.77	23.74	24.7	1.0
20	QPSK	100	0	23.80	23.91	23.70		
20	16QAM	1	1	23.55	23.62	23.51	24.7	1.0
20	64QAM	1	1	21.97	22.09	22.03	23.2	2.5
20	256QAM	1	1	20.05	20.17	20.17	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.61	24.65	24.53	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.58	24.58	24.52	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	24.55	24.58	24.53	25.7	0.0

n26 Ant 1 DSI4

BW [MHz]	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	24.58	24.54	24.54	25.7	0.0
20	PI/2 BPSK	1	53	24.61	24.53	24.50		
20	PI/2 BPSK	1	104	24.52	24.51	24.53		
20	PI/2 BPSK	50	0	24.08	24.11	24.16	25.2	0.5
20	PI/2 BPSK	50	28	24.50	24.53	24.54	25.7	0.0
20	PI/2 BPSK	50	56	24.11	24.17	24.15	25.2	0.5
20	PI/2 BPSK	100	0	24.13	24.12	24.07		
20	QPSK	1	1	24.63	24.64	24.62	25.7	0.0
20	QPSK	1	53	24.60	24.61	24.58		
20	QPSK	1	104	24.57	24.60	24.51		
20	QPSK	50	0	23.71	23.78	23.64	24.7	1.0
20	QPSK	50	28	24.51	24.61	24.52	25.7	0.0
20	QPSK	50	56	23.73	23.80	23.69	24.7	1.0
20	QPSK	100	0	23.76	23.85	23.72		
20	16QAM	1	1	23.55	23.58	23.51	24.7	1.0
20	64QAM	1	1	22.01	22.05	21.98	23.2	2.5
20	256QAM	1	1	20.08	20.14	20.10	21.2	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.56	24.57	24.52	25.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	24.54	24.52	24.57	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	24.59	24.60	24.58	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.49	20.55	20.57	22.0	0.0
40	PI/2 BPSK	1	53	20.43	20.62	20.50		
40	PI/2 BPSK	1	104	20.53	20.56	20.57		
40	PI/2 BPSK	50	0	20.13	20.06	20.09	21.5	0.5
40	PI/2 BPSK	50	28	20.44	20.49	20.52	22.0	0.0
40	PI/2 BPSK	50	56	20.11	20.19	20.02	21.5	0.5
40	PI/2 BPSK	100	0	20.05	20.20	20.08		
40	QPSK	1	1	20.54	20.67	20.57	22.0	0.0
40	QPSK	1	53	20.48	20.57	20.50		
40	QPSK	1	104	20.46	20.56	20.54		
40	QPSK	50	0	19.45	19.50	19.44	21.0	1.0
40	QPSK	50	28	20.57	20.58	20.47	22.0	0.0
40	QPSK	50	56	19.37	19.54	19.44	21.0	1.0
40	QPSK	100	0	19.47	19.57	19.55		
40	16QAM	1	1	19.45	19.48	19.38	21.0	1.0
40	64QAM	1	1	18.18	18.25	18.22	19.5	2.5
40	256QAM	1	1	16.22	16.26	16.19	17.5	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.49	20.61	20.45	22.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	20.41	20.55	20.51	22.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.49	20.59	20.51	22.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	20.42	20.56	20.49	22.0	0.0

Part27O n77 Ant 1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.82	22.02	21.97	23.5	0.0
100	PI/2 BPSK	1	137	21.78	22.03	21.94		
100	PI/2 BPSK	1	271	21.74	21.98	21.97		
100	PI/2 BPSK	135	0	21.71	21.94	21.88	23.5	0.0
100	PI/2 BPSK	135	69	21.80	21.96	21.93	23.5	0.0
100	PI/2 BPSK	135	138	21.80	21.99	21.97	23.5	0.0
100	PI/2 BPSK	270	0	21.72	21.91	21.96		
100	QPSK	1	1	21.91	22.12	22.08	23.5	0.0
100	QPSK	1	137	21.80	21.99	21.90		
100	QPSK	1	271	21.74	21.98	21.98		
100	QPSK	135	0	21.81	22.02	21.93	23.5	0.0
100	QPSK	135	69	21.87	22.08	21.98	23.5	0.0
100	QPSK	135	138	21.81	21.93	21.88	23.5	0.0
100	QPSK	270	0	21.88	22.05	22.04		
100	16QAM	1	1	21.80	21.94	21.87	23.5	0.0
100	64QAM	1	1	21.35	21.39	21.33	23.0	0.5
100	256QAM	1	1	19.28	19.36	19.32	21.0	2.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.86	22.05	21.98	23.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.85	22.07	22.02	23.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.85	22.01	22.01	23.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.86	22.05	21.95	23.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.83	22.08	22.02	23.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.84	22.05	22.01	23.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.85	22.02	22.01	23.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.88	22.10	22.05	23.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.77	22.02	22.04	23.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.88	22.01	22.03	23.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.84	21.99	21.96	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.89	24.07	23.98	25.5	0.0
100	PI/2 BPSK	1	137	23.86	24.02	23.99		
100	PI/2 BPSK	1	271	23.93	24.00	24.00		
100	PI/2 BPSK	135	0	23.52	23.58	23.53	25.0	0.5
100	PI/2 BPSK	135	69	23.88	24.00	24.03	25.5	0.0
100	PI/2 BPSK	135	138	23.51	23.60	23.61	25.0	0.5
100	PI/2 BPSK	270	0	23.47	23.63	23.58		
100	QPSK	1	1	23.98	24.13	24.05	25.5	0.0
100	QPSK	1	137	23.92	24.08	24.01		
100	QPSK	1	271	23.84	24.10	24.00		
100	QPSK	135	0	22.87	22.89	22.86	24.5	1.0
100	QPSK	135	69	23.85	23.87	23.82	25.5	0.0
100	QPSK	135	138	22.87	22.93	22.85	24.5	1.0
100	QPSK	270	0	23.00	23.02	22.95		
100	16QAM	1	1	22.72	22.77	22.75	24.5	1.0
100	64QAM	1	1	21.39	21.44	21.41	23.0	2.5
100	256QAM	1	1	19.30	19.32	19.28	21.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.90	24.05	24.02	25.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.93	24.07	24.00	25.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.93	24.04	24.00	25.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.92	24.05	24.01	25.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.95	24.11	23.92	25.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.90	24.10	23.97	25.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.90	24.03	23.96	25.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.94	24.09	23.94	25.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.90	24.06	23.99	25.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.88	24.06	24.02	25.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.93	24.11	23.98	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.92		23.5	0.0
100	PI/2 BPSK	1	137		21.95			
100	PI/2 BPSK	1	271		21.95			
100	PI/2 BPSK	135	0		21.89		23.5	0.0
100	PI/2 BPSK	135	69		21.82		23.5	0.0
100	PI/2 BPSK	135	138		21.85		23.5	0.0
100	PI/2 BPSK	270	0		21.83			
100	QPSK	1	1		21.96		23.5	0.0
100	QPSK	1	137		21.84			
100	QPSK	1	271		21.94			
100	QPSK	135	0		21.65		23.5	0.0
100	QPSK	135	69		21.69		23.5	0.0
100	QPSK	135	138		21.58		23.5	0.0
100	QPSK	270	0		21.65			
100	16QAM	1	1		21.64		23.5	0.0
100	64QAM	1	1		21.26		23.0	0.5
100	256QAM	1	1		19.27		21.0	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.68	21.95	21.88	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.70	21.91	21.89	23.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.77	21.89	21.82	23.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.70	21.94	21.87	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.73	21.90	21.82	23.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.77	21.90	21.79	23.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.71	21.88	21.80	23.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.78	21.91	21.83	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.77	21.94	21.86	23.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.75	21.90	21.82	23.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.68	21.92	21.90	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.93		25.5	0.0
100	PI/2 BPSK	1	137		23.94			
100	PI/2 BPSK	1	271		23.82			
100	PI/2 BPSK	135	0		23.46		25.0	0.5
100	PI/2 BPSK	135	69		23.89		25.5	0.0
100	PI/2 BPSK	135	138		23.43		25.0	0.5
100	PI/2 BPSK	270	0		23.51			
100	QPSK	1	1		24.04		25.5	0.0
100	QPSK	1	137		23.90			
100	QPSK	1	271		23.95			
100	QPSK	135	0		22.70		24.5	1.0
100	QPSK	135	69		23.74		25.5	0.0
100	QPSK	135	138		22.79		24.5	1.0
100	QPSK	270	0		22.94			
100	16QAM	1	1		22.70		24.5	1.0
100	64QAM	1	1		21.32		23.0	2.5
100	256QAM	1	1		19.19		21.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.78	23.91	23.85	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.80	23.88	23.83	25.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.78	23.95	23.94	25.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.72	23.96	23.86	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.81	23.88	23.90	25.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.82	23.89	23.93	25.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.79	23.91	23.95	25.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.74	23.97	23.87	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.82	23.94	23.90	25.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.75	23.91	23.86	25.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.73	23.91	23.92	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.93		23.0	0.0
100	PI/2 BPSK	1	137		21.91			
100	PI/2 BPSK	1	271		21.99			
100	PI/2 BPSK	135	0		21.89		23.0	0.0
100	PI/2 BPSK	135	69		21.94		23.0	0.0
100	PI/2 BPSK	135	138		21.90		23.0	0.0
100	PI/2 BPSK	270	0		21.88			
100	QPSK	1	1		22.01		23.0	0.0
100	QPSK	1	137		21.97			
100	QPSK	1	271		21.90			
100	QPSK	135	0		21.80		23.0	0.0
100	QPSK	135	69		21.97		23.0	0.0
100	QPSK	135	138		21.83		23.0	0.0
100	QPSK	270	0		21.85			
100	16QAM	1	1		21.88		23.0	0.0
100	64QAM	1	1		21.33		22.5	0.5
100	256QAM	1	1		19.32		20.5	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.86	21.95	21.93	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.88	21.95	21.92	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.87	21.95	21.91	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.86	21.86	21.93	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.86	21.87	21.84	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.84	21.96	21.83	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.88	21.87	21.93	23.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.87	21.94	21.90	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.84	21.92	21.91	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.91	21.85	21.82	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.86	21.92	21.90	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.91		25.0	0.0
100	PI/2 BPSK	1	137		23.90			
100	PI/2 BPSK	1	271		23.89			
100	PI/2 BPSK	135	0		23.48		24.5	0.5
100	PI/2 BPSK	135	69		23.90		25.0	0.0
100	PI/2 BPSK	135	138		23.44		24.5	0.5
100	PI/2 BPSK	270	0		23.40			
100	QPSK	1	1		23.93		25.0	0.0
100	QPSK	1	137		23.87			
100	QPSK	1	271		23.86			
100	QPSK	135	0		22.85		24.0	1.0
100	QPSK	135	69		23.81		25.0	0.0
100	QPSK	135	138		22.89		24.0	1.0
100	QPSK	270	0		22.93			
100	16QAM	1	1		22.85		24.0	1.0
100	64QAM	1	1		21.28		22.5	2.5
100	256QAM	1	1		19.33		20.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.90	23.91	23.90	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.85	23.87	23.79	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.83	23.83	23.77	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.78	23.78	23.77	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.84	23.82	23.78	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.83	23.81	23.82	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.85	23.85	23.82	25.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.85	23.79	23.81	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.77	23.81	23.85	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.80	23.86	23.82	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.81	23.78	23.83	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.67		23.0	0.0
100	PI/2 BPSK	1	137		21.65			
100	PI/2 BPSK	1	271		21.65			
100	PI/2 BPSK	135	0		21.63		23.0	0.0
100	PI/2 BPSK	135	69		21.67		23.0	0.0
100	PI/2 BPSK	135	138		21.59		23.0	0.0
100	PI/2 BPSK	270	0		21.55			
100	QPSK	1	1		21.73		23.0	0.0
100	QPSK	1	137		21.63			
100	QPSK	1	271		21.59			
100	QPSK	135	0		21.47		23.0	0.0
100	QPSK	135	69		21.67		23.0	0.0
100	QPSK	135	138		21.51		23.0	0.0
100	QPSK	270	0		21.58			
100	16QAM	1	1		21.55		23.0	0.0
100	64QAM	1	1		21.04		22.5	0.5
100	256QAM	1	1		19.01		20.5	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.60	21.64	21.68	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.52	21.63	21.59	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.61	21.65	21.59	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.59	21.64	21.67	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.59	21.62	21.58	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.51	21.65	21.62	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.62	21.65	21.68	23.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.50	21.61	21.59	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.61	21.71	21.61	23.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.51	21.65	21.63	23.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.59	21.60	21.60	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.65		25.0	0.0
100	PI/2 BPSK	1	137		23.60			
100	PI/2 BPSK	1	271		23.57			
100	PI/2 BPSK	135	0		23.20		24.5	0.5
100	PI/2 BPSK	135	69		23.59		25.0	0.0
100	PI/2 BPSK	135	138		23.08		24.5	0.5
100	PI/2 BPSK	270	0		23.05			
100	QPSK	1	1		23.66		25.0	0.0
100	QPSK	1	137		23.56			
100	QPSK	1	271		23.62			
100	QPSK	135	0		22.60		24.0	1.0
100	QPSK	135	69		23.48		25.0	0.0
100	QPSK	135	138		22.65		24.0	1.0
100	QPSK	270	0		22.60			
100	16QAM	1	1		22.58		24.0	1.0
100	64QAM	1	1		20.98		22.5	2.5
100	256QAM	1	1		19.06		20.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.58	23.56	23.64	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.58	23.60	23.55	25.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.61	23.58	23.57	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.56	23.60	23.59	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.60	23.56	23.54	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.61	23.56	23.63	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.60	23.64	23.61	25.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.62	23.59	23.63	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.62	23.60	23.63	25.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.54	23.58	23.54	25.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.58	23.65	23.55	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	23.55	23.65	23.62	25.0	0.0
40	PI/2 BPSK	1	108	23.59	23.62	23.65		
40	PI/2 BPSK	1	214	23.58	23.69	23.55		
40	PI/2 BPSK	108	0	23.12	23.29	23.19	24.5	0.5
40	PI/2 BPSK	108	54	23.52	23.68	23.59	25.0	0.0
40	PI/2 BPSK	108	108	23.15	23.23	23.19	24.5	0.5
40	PI/2 BPSK	216	0	23.14	23.30	23.20		
40	QPSK	1	1	23.65	23.74	23.68	25.0	0.0
40	QPSK	1	108	23.56	23.64	23.66		
40	QPSK	1	214	23.53	23.65	23.55		
40	QPSK	108	0	22.63	22.80	22.65	24.0	1.0
40	QPSK	108	54	23.58	23.61	23.55	25.0	0.0
40	QPSK	108	108	22.67	22.69	22.66	24.0	1.0
40	QPSK	216	0	22.70	22.74	22.66		
40	16QAM	1	1	22.48	22.53	22.50	24.0	1.0
40	64QAM	1	1	20.95	20.97	20.91	22.5	2.5
40	256QAM	1	1	18.92	18.97	18.95	20.5	4.5
Channel				375500	376000	376500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	23.56	23.60	23.54	25.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	23.53	23.71	23.63	25.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	23.53	23.71	23.60	25.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	23.51	23.70	23.63	25.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.53	23.67	23.65	25.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.56	23.67	23.62	25.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.61	23.60	23.57	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	24.25	24.31	24.26	25.5	0.0
40	PI/2 BPSK	1	108	24.17	24.22	24.26		
40	PI/2 BPSK	1	214	24.24	24.23	24.21		
40	PI/2 BPSK	108	0	23.81	23.83	23.77	25.0	0.5
40	PI/2 BPSK	108	54	24.21	24.29	24.19	25.5	0.0
40	PI/2 BPSK	108	108	23.77	23.81	23.82	25.0	0.5
40	PI/2 BPSK	216	0	23.80	23.80	23.84		
40	QPSK	1	1	24.30	24.36	24.32	25.5	0.0
40	QPSK	1	108	24.24	24.23	24.20		
40	QPSK	1	214	24.21	24.25	24.26		
40	QPSK	108	0	23.16	23.18	23.22	24.5	1.0
40	QPSK	108	54	24.21	24.27	24.22	25.5	0.0
40	QPSK	108	108	23.16	23.17	23.13	24.5	1.0
40	QPSK	216	0	23.28	23.30	23.24		
40	16QAM	1	1	23.00	23.08	23.02	24.5	1.0
40	64QAM	1	1	21.42	21.55	21.49	23.0	2.5
40	256QAM	1	1	19.42	19.48	19.46	21.0	4.5
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	24.16	24.29	24.23	25.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.18	24.34	24.19	25.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.24	24.26	24.28	25.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.17	24.25	24.22	25.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.26	24.24	24.26	25.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.21	24.33	24.27	25.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.28	24.29	24.21	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.25	24.39	24.29	25.5	0.0
40	PI/2 BPSK	1	108	24.28	24.42	24.29		
40	PI/2 BPSK	1	214	24.28	24.41	24.32		
40	PI/2 BPSK	108	0	23.86	23.93	23.90	25.0	0.5
40	PI/2 BPSK	108	54	24.30	24.36	24.32	25.5	0.0
40	PI/2 BPSK	108	108	23.84	23.94	23.90	25.0	0.5
40	PI/2 BPSK	216	0	23.92	23.96	23.93		
40	QPSK	1	1	24.37	24.48	24.41	25.5	0.0
40	QPSK	1	108	24.33	24.40	24.29		
40	QPSK	1	214	24.27	24.40	24.31		
40	QPSK	108	0	23.30	23.31	23.36	24.5	1.0
40	QPSK	108	54	24.35	24.41	24.31	25.5	0.0
40	QPSK	108	108	23.30	23.32	23.25	24.5	1.0
40	QPSK	216	0	23.40	23.45	23.38		
40	16QAM	1	1	23.11	23.17	23.12	24.5	1.0
40	64QAM	1	1	21.58	21.65	21.61	23.0	2.5
40	256QAM	1	1	19.52	19.58	19.50	21.0	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	24.27	24.34	24.35	25.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.31	24.43	24.38	25.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.26	24.40	24.28	25.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.24	24.41	24.31	25.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.31	24.42	24.30	25.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.26	24.42	24.33	25.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.28	24.35	24.33	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.15	24.12	24.16	25.5	0.0
40	PI/2 BPSK	1	53	24.15	24.09	24.15		
40	PI/2 BPSK	1	104	24.20	24.15	24.13		
40	PI/2 BPSK	50	0	23.65	23.76	23.62	25.0	0.5
40	PI/2 BPSK	50	28	24.19	24.06	24.15	25.5	0.0
40	PI/2 BPSK	50	56	23.78	23.77	23.72	25.0	0.5
40	PI/2 BPSK	100	0	23.76	23.75	23.76		
40	QPSK	1	1	24.21	24.28	24.27	25.5	0.0
40	QPSK	1	53	24.21	24.25	24.19		
40	QPSK	1	104	24.22	24.18	24.06		
40	QPSK	50	0	22.91	22.98	22.89	24.5	1.0
40	QPSK	50	28	23.96	24.02	23.99	25.5	0.0
40	QPSK	50	56	22.83	22.97	22.98	24.5	1.0
40	QPSK	100	0	22.95	23.05	23.00		
40	16QAM	1	1	22.86	22.87	22.81	24.5	1.0
40	64QAM	1	1	21.34	21.53	21.37	23.0	2.5
40	256QAM	1	1	19.37	19.44	19.39	21.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.10	24.16	24.17	25.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	24.16	24.26	24.19	25.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.17	24.18	24.22	25.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.10	24.25	24.19	25.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.12	24.23	24.19	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.78	23.88	23.81	25.5	0.0
100	PI/2 BPSK	1	137	23.77	23.91	23.80		
100	PI/2 BPSK	1	271	23.82	23.87	23.85		
100	PI/2 BPSK	135	0	23.41	23.49	23.38	25.0	0.5
100	PI/2 BPSK	135	69	23.83	23.96	23.86	25.5	0.0
100	PI/2 BPSK	135	138	23.33	23.45	23.37	25.0	0.5
100	PI/2 BPSK	270	0	23.32	23.44	23.40		
100	QPSK	1	1	23.87	23.98	23.92	25.5	0.0
100	QPSK	1	137	23.79	23.87	23.81		
100	QPSK	1	271	23.82	23.86	23.87		
100	QPSK	135	0	23.66	23.82	23.66	24.5	1.0
100	QPSK	135	69	23.88	23.90	23.81	25.5	0.0
100	QPSK	135	138	23.67	23.81	23.75	24.5	1.0
100	QPSK	270	0	23.76	23.84	23.78		
100	16QAM	1	1	23.70	23.79	23.72	24.5	1.0
100	64QAM	1	1	22.69	22.76	22.74	23.0	2.5
100	256QAM	1	1	20.85	20.91	20.88	21.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.84	23.86	23.85	25.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.77	23.92	23.82	25.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.85	23.89	23.89	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.74	23.94	23.87	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.76	23.89	23.81	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.83	23.90	23.88	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.83	23.93	23.83	25.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	23.75	23.91	23.87	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.74	23.89	23.82	25.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.77	23.88	23.84	25.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.79	23.85	23.84	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.81	24.94	24.88	26.5	0.0
100	PI/2 BPSK	1	137	24.75	25.01	24.83		
100	PI/2 BPSK	1	271	24.78	24.93	24.91		
100	PI/2 BPSK	135	0	24.39	24.50	24.39	26.0	0.5
100	PI/2 BPSK	135	69	24.77	24.92	24.82	26.5	0.0
100	PI/2 BPSK	135	138	24.33	24.52	24.38	26.0	0.5
100	PI/2 BPSK	270	0	24.36	24.48	24.42		
100	QPSK	1	1	24.85	25.03	24.93	26.5	0.0
100	QPSK	1	137	24.74	24.90	24.80		
100	QPSK	1	271	24.75	24.95	24.86		
100	QPSK	135	0	24.32	24.29	24.26	25.5	1.0
100	QPSK	135	69	24.78	24.82	24.76	26.5	0.0
100	QPSK	135	138	24.32	24.31	24.32	25.5	1.0
100	QPSK	270	0	24.38	24.41	24.35		
100	16QAM	1	1	24.32	24.33	24.28	25.5	1.0
100	64QAM	1	1	22.76	22.83	22.79	24.0	2.5
100	256QAM	1	1	20.38	20.43	20.35	22.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.82	24.95	24.90	26.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	24.71	24.99	24.91	26.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.72	25.00	24.82	26.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.71	24.90	24.89	26.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.76	24.94	24.90	26.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.77	25.00	24.79	26.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.78	24.90	24.80	26.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	24.82	24.95	24.89	26.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.75	25.01	24.82	26.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.78	24.91	24.81	26.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.74	24.95	24.88	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	24.60	24.62	24.58	25.5	0.0
40	PI/2 BPSK	1	108	24.60	24.59	24.55		
40	PI/2 BPSK	1	214	24.63	24.58	24.56		
40	PI/2 BPSK	108	0	24.19	24.15	24.20	25.0	0.5
40	PI/2 BPSK	108	54	24.61	24.65	24.62	25.5	0.0
40	PI/2 BPSK	108	108	24.21	24.15	24.18	25.0	0.5
40	PI/2 BPSK	216	0	24.20	24.13	24.16		
40	QPSK	1	1	24.66	24.69	24.65	25.5	0.0
40	QPSK	1	108	24.55	24.64	24.57		
40	QPSK	1	214	24.60	24.67	24.62		
40	QPSK	108	0	23.55	23.62	23.54	24.5	1.0
40	QPSK	108	54	24.48	24.51	24.45	25.5	0.0
40	QPSK	108	108	23.47	23.50	23.46	24.5	1.0
40	QPSK	216	0	23.60	23.64	23.58		
40	16QAM	1	1	23.42	23.48	23.40	24.5	1.0
40	64QAM	1	1	21.88	21.95	21.91	23.0	2.5
40	256QAM	1	1	19.78	19.83	19.80	21.0	4.5
Channel				375500	376000	376500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1907.5	1880	1892.5		
35	QPSK	1	1	24.62	24.62	24.54	25.5	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	24.63	24.61	24.61	25.5	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1897.5		
25	QPSK	1	1	24.57	24.59	24.57	25.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	24.62	24.65	24.52	25.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	24.52	24.63	24.61	25.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	24.60	24.62	24.58	25.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	24.63	24.60	24.62	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	25.13	25.28	25.07	25.7	0.0
40	PI/2 BPSK	1	108	25.15	25.13	25.22		
40	PI/2 BPSK	1	214	25.14	25.20	25.17		
40	PI/2 BPSK	108	0	24.77	24.71	24.73	25.2	0.5
40	PI/2 BPSK	108	54	25.27	25.28	25.16	25.7	0.0
40	PI/2 BPSK	108	108	24.69	24.77	24.81	25.2	0.5
40	PI/2 BPSK	216	0	24.77	24.83	24.73		
40	QPSK	1	1	25.23	25.34	25.26	25.7	0.0
40	QPSK	1	108	25.10	25.20	25.19		
40	QPSK	1	214	25.19	25.15	25.20		
40	QPSK	108	0	24.18	24.21	24.06	24.7	1.0
40	QPSK	108	54	25.22	25.23	25.20	25.7	0.0
40	QPSK	108	108	24.09	24.31	24.20	24.7	1.0
40	QPSK	216	0	24.16	24.28	24.18		
40	16QAM	1	1	24.03	24.05	24.07	24.7	1.0
40	64QAM	1	1	22.44	22.55	22.50	23.2	2.5
40	256QAM	1	1	20.40	20.39	20.30	21.2	4.5
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	25.13	25.22	25.15	25.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	25.18	25.24	25.22	25.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	25.17	25.29	25.16	25.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	25.17	25.31	25.20	25.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	25.14	25.25	25.20	25.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	25.21	25.22	25.18	25.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	25.11	25.32	25.16	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	25.16	25.23	25.24	25.7	0.0
40	PI/2 BPSK	1	108	25.12	25.19	25.20		
40	PI/2 BPSK	1	214	25.09	25.27	25.20		
40	PI/2 BPSK	108	0	24.68	24.76	24.70	25.2	0.5
40	PI/2 BPSK	108	54	25.18	25.27	25.14	25.7	0.0
40	PI/2 BPSK	108	108	24.72	24.84	24.75	25.2	0.5
40	PI/2 BPSK	216	0	24.72	24.81	24.72		
40	QPSK	1	1	25.21	25.31	25.26	25.7	0.0
40	QPSK	1	108	25.14	25.18	25.15		
40	QPSK	1	214	25.07	25.23	25.21		
40	QPSK	108	0	24.12	24.18	24.10	24.7	1.0
40	QPSK	108	54	25.12	25.18	25.15	25.7	0.0
40	QPSK	108	108	24.08	24.20	24.11	24.7	1.0
40	QPSK	216	0	24.18	24.25	24.21		
40	16QAM	1	1	23.88	23.94	23.84	24.7	1.0
40	64QAM	1	1	22.45	22.52	22.48	23.2	2.5
40	256QAM	1	1	20.42	20.47	20.40	21.2	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	25.10	25.22	25.21	25.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	25.13	25.17	25.16	25.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	25.07	25.20	25.18	25.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	25.13	25.27	25.22	25.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	25.14	25.19	25.16	25.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	25.11	25.25	25.21	25.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	25.18	25.22	25.23	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.65	24.67	24.57	25.2	0.0
40	PI/2 BPSK	1	53	24.63	24.62	24.58		
40	PI/2 BPSK	1	104	24.68	24.65	24.69		
40	PI/2 BPSK	50	0	24.85	24.88	24.88	25.2	0.0
40	PI/2 BPSK	50	28	24.73	24.67	24.55	25.2	0.0
40	PI/2 BPSK	50	56	24.91	24.84	24.87	25.2	0.0
40	PI/2 BPSK	100	0	24.86	24.91	24.83		
40	QPSK	1	1	24.86	24.96	24.79	25.2	0.0
40	QPSK	1	53	24.71	24.85	24.71		
40	QPSK	1	104	24.85	24.85	24.82		
40	QPSK	50	0	24.00	24.17	24.09	24.7	0.5
40	QPSK	50	28	24.70	24.75	24.74	25.2	0.0
40	QPSK	50	56	24.20	24.13	24.18	24.7	0.5
40	QPSK	100	0	24.13	24.24	24.18		
40	16QAM	1	1	24.04	24.05	24.01	24.7	0.5
40	64QAM	1	1	22.63	22.71	22.56	23.2	2.0
40	256QAM	1	1	20.63	20.62	20.51	21.2	4.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.75	24.86	24.73	25.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	24.70	24.82	24.63	25.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.70	24.90	24.65	25.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.71	24.86	24.66	25.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.71	24.85	24.63	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.72	24.77	24.69	25.2	0.0
100	PI/2 BPSK	1	137	24.74	24.71	24.70		
100	PI/2 BPSK	1	271	24.57	24.60	24.72		
100	PI/2 BPSK	135	0	24.74	24.64	24.63	25.2	0.0
100	PI/2 BPSK	135	69	24.57	24.77	24.77	25.2	0.0
100	PI/2 BPSK	135	138	24.68	24.62	24.62	25.2	0.0
100	PI/2 BPSK	270	0	24.60	24.64	24.79		
100	QPSK	1	1	24.74	24.84	24.77	25.2	0.0
100	QPSK	1	137	24.65	24.63	24.77		
100	QPSK	1	271	24.65	24.73	24.68		
100	QPSK	135	0	24.67	24.64	24.67	25.2	0.0
100	QPSK	135	69	24.72	24.80	24.76	25.2	0.0
100	QPSK	135	138	24.67	24.77	24.77	25.2	0.0
100	QPSK	270	0	24.66	24.69	24.68		
100	16QAM	1	1	24.64	24.61	24.75	25.2	0.0
100	64QAM	1	1	23.68	23.76	23.81	24.2	1.0
100	256QAM	1	1	21.66	21.72	21.72	22.2	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.59	24.72	24.65	25.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	24.57	24.79	24.62	25.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.58	24.71	24.60	25.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.66	24.72	24.68	25.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.70	24.80	24.63	25.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.60	24.74	24.69	25.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.63	24.73	24.71	25.2	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	24.66	24.71	24.67	25.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.68	24.76	24.62	25.2	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.59	24.76	24.73	25.2	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.66	24.79	24.71	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.21	26.22	26.29	27.0	0.0
100	PI/2 BPSK	1	137	26.20	26.24	26.22		
100	PI/2 BPSK	1	271	26.18	26.29	26.19		
100	PI/2 BPSK	135	0	25.76	25.90	25.82	26.5	0.5
100	PI/2 BPSK	135	69	26.15	26.24	26.22	27.0	0.0
100	PI/2 BPSK	135	138	25.74	25.84	25.81	26.5	0.5
100	PI/2 BPSK	270	0	25.75	25.89	25.85		
100	QPSK	1	1	26.27	26.35	26.33	27.0	0.0
100	QPSK	1	137	26.22	26.23	26.26		
100	QPSK	1	271	26.18	26.24	26.21		
100	QPSK	135	0	25.21	25.31	25.29	26.0	1.0
100	QPSK	135	69	26.22	26.32	26.28	27.0	0.0
100	QPSK	135	138	25.21	25.33	25.34	26.0	1.0
100	QPSK	270	0	25.30	25.38	25.29		
100	16QAM	1	1	25.22	25.30	25.38	26.0	1.0
100	64QAM	1	1	23.81	23.87	23.84	24.5	2.5
100	256QAM	1	1	21.76	21.85	21.81	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.23	26.24	26.24	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	26.14	26.22	26.29	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.13	26.21	26.29	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.25	26.22	26.23	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.17	26.31	26.23	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.15	26.21	26.24	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.18	26.29	26.21	27.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	26.19	26.27	26.24	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.22	26.29	26.31	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.15	26.27	26.28	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.25	26.32	26.30	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.24	23.41	23.40	24.5	0.0
40	PI/2 BPSK	1	53	23.25	23.36	23.33		
40	PI/2 BPSK	1	104	23.30	23.43	23.31		
40	PI/2 BPSK	50	0	22.87	23.02	22.91	24.0	0.5
40	PI/2 BPSK	50	28	23.26	23.43	23.40	24.5	0.0
40	PI/2 BPSK	50	56	22.83	22.91	22.93	24.0	0.5
40	PI/2 BPSK	100	0	22.82	22.91	22.89		
40	QPSK	1	1	23.38	23.46	23.44	24.5	0.0
40	QPSK	1	53	23.28	23.35	23.38		
40	QPSK	1	104	23.33	23.39	23.35		
40	QPSK	50	0	22.25	22.29	22.13	23.5	1.0
40	QPSK	50	28	23.20	23.24	23.18	24.5	0.0
40	QPSK	50	56	22.16	22.23	22.19	23.5	1.0
40	QPSK	100	0	22.28	22.32	22.25		
40	16QAM	1	1	22.11	22.16	22.10	23.5	1.0
40	64QAM	1	1	20.65	20.72	20.68	22.0	2.5
40	256QAM	1	1	18.66	18.69	18.62	20.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.28	23.41	23.39	24.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.34	23.37	23.36	24.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.32	23.35	23.41	24.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.29	23.36	23.41	24.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.28	23.44	23.39	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.84	23.09	22.98	24.0	0.0
100	PI/2 BPSK	1	137	22.91	23.09	22.88		
100	PI/2 BPSK	1	271	22.92	23.00	22.89		
100	PI/2 BPSK	135	0	22.51	22.56	22.58	23.5	0.5
100	PI/2 BPSK	135	69	22.89	23.12	23.02	24.0	0.0
100	PI/2 BPSK	135	138	22.45	22.61	22.52	23.5	0.5
100	PI/2 BPSK	270	0	22.58	22.58	22.58		
100	QPSK	1	1	23.05	23.14	23.06	24.0	0.0
100	QPSK	1	137	22.92	23.03	22.96		
100	QPSK	1	271	22.88	23.11	23.06		
100	QPSK	135	0	22.02	22.07	22.00	23.0	1.0
100	QPSK	135	69	22.98	23.08	23.05	24.0	0.0
100	QPSK	135	138	22.02	22.08	21.99	23.0	1.0
100	QPSK	270	0	21.90	22.12	21.98		
100	16QAM	1	1	22.06	22.07	21.98	23.0	1.0
100	64QAM	1	1	20.44	20.59	20.52	21.5	2.5
100	256QAM	1	1	18.48	18.65	18.56	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.94	23.06	23.00	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.93	23.08	22.95	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.97	23.11	22.92	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.94	23.04	22.94	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.98	23.02	22.93	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.93	23.09	23.03	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.91	23.06	23.01	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.99	23.11	22.99	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.00	23.00	22.93	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.01	23.12	22.98	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.91	23.07	23.03	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.88	24.06	23.95	25.0	0.0
100	PI/2 BPSK	1	137	23.93	24.05	23.93		
100	PI/2 BPSK	1	271	23.93	23.97	23.91		
100	PI/2 BPSK	135	0	23.49	23.58	23.53	24.5	0.5
100	PI/2 BPSK	135	69	23.90	24.08	24.01	25.0	0.0
100	PI/2 BPSK	135	138	23.47	23.62	23.52	24.5	0.5
100	PI/2 BPSK	270	0	23.55	23.55	23.59		
100	QPSK	1	1	24.00	24.10	24.04	25.0	0.0
100	QPSK	1	137	23.89	24.01	23.91		
100	QPSK	1	271	23.92	24.06	24.02		
100	QPSK	135	0	23.02	23.08	23.04	24.0	1.0
100	QPSK	135	69	23.96	24.07	24.01	25.0	0.0
100	QPSK	135	138	23.03	23.04	22.99	24.0	1.0
100	QPSK	270	0	22.95	23.14	23.01		
100	16QAM	1	1	23.02	23.08	22.99	24.0	1.0
100	64QAM	1	1	21.46	21.64	21.54	22.5	2.5
100	256QAM	1	1	19.49	19.64	19.58	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.97	23.97	23.92	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.95	24.06	23.98	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.87	24.04	23.96	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.95	24.02	24.00	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.92	23.97	23.91	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.87	24.01	23.93	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.90	24.05	23.99	25.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	23.97	24.06	23.98	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.95	24.01	23.99	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.93	23.97	24.00	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.89	23.96	23.97	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	20.18	20.21	20.05	21.5	0.0
40	PI/2 BPSK	1	108	20.05	20.04	19.88		
40	PI/2 BPSK	1	214	19.93	20.07	19.83		
40	PI/2 BPSK	108	0	20.13	20.17	20.06	21.5	0.0
40	PI/2 BPSK	108	54	20.09	20.02	20.07	21.5	0.0
40	PI/2 BPSK	108	108	19.91	20.14	19.95	21.5	0.0
40	PI/2 BPSK	216	0	20.12	19.98	20.00		
40	QPSK	1	1	20.31	20.38	20.36	21.5	0.0
40	QPSK	1	108	20.11	20.19	20.23		
40	QPSK	1	214	20.01	20.33	20.06		
40	QPSK	108	0	19.80	19.92	19.95	21.5	0.0
40	QPSK	108	54	20.13	20.23	20.19	21.5	0.0
40	QPSK	108	108	19.78	19.85	19.71	21.5	0.0
40	QPSK	216	0	19.91	20.02	19.98		
40	16QAM	1	1	19.86	19.90	19.89	21.5	0.0
40	64QAM	1	1	19.98	19.91	19.86	21.5	0.0
40	256QAM	1	1	19.38	19.44	19.42	21.0	0.5
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.28	20.27	20.32	21.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.22	20.31	20.24	21.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.24	20.15	20.25	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.12	20.21	20.25	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.29	20.23	20.25	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.22	20.15	20.19	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.26	20.21	20.28	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.27	22.34	22.19	23.5	0.0
40	PI/2 BPSK	1	108	22.05	22.24	22.01		
40	PI/2 BPSK	1	214	22.08	22.20	22.03		
40	PI/2 BPSK	108	0	22.32	22.29	22.21	23.5	0.0
40	PI/2 BPSK	108	54	22.05	22.13	22.13	23.5	0.0
40	PI/2 BPSK	108	108	21.97	22.15	22.12	23.5	0.0
40	PI/2 BPSK	216	0	22.10	22.13	22.11		
40	QPSK	1	1	22.37	22.43	22.37	23.5	0.0
40	QPSK	1	108	22.21	22.28	22.29		
40	QPSK	1	214	22.14	22.31	22.25		
40	QPSK	108	0	22.01	22.09	21.97	23.5	0.0
40	QPSK	108	54	22.18	22.28	22.19	23.5	0.0
40	QPSK	108	108	21.94	21.82	21.98	23.5	0.0
40	QPSK	216	0	22.01	22.17	22.07		
40	16QAM	1	1	22.00	21.97	21.98	23.5	0.0
40	64QAM	1	1	21.01	21.21	21.12	23.0	0.5
40	256QAM	1	1	19.05	19.07	19.11	21.0	2.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.26	22.30	22.28	23.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.32	22.30	22.28	23.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.22	22.29	22.24	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.31	22.36	22.21	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.24	22.39	22.22	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.31	22.27	22.27	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.22	22.34	22.31	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.26	20.30	20.24	21.0	0.0
40	PI/2 BPSK	1	53	20.11	20.24	20.14		
40	PI/2 BPSK	1	104	20.13	20.15	19.99		
40	PI/2 BPSK	50	0	20.34	20.33	20.12	21.0	0.0
40	PI/2 BPSK	50	28	20.18	20.27	20.10	21.0	0.0
40	PI/2 BPSK	50	56	20.06	20.25	20.12	21.0	0.0
40	PI/2 BPSK	100	0	20.20	20.20	20.14		
40	QPSK	1	1	20.37	20.46	20.38	21.0	0.0
40	QPSK	1	53	20.23	20.36	20.24		
40	QPSK	1	104	20.26	20.36	20.23		
40	QPSK	50	0	19.96	20.06	19.99	21.0	0.0
40	QPSK	50	28	20.27	20.36	20.26	21.0	0.0
40	QPSK	50	56	19.99	20.14	20.07	21.0	0.0
40	QPSK	100	0	19.99	20.08	20.01		
40	16QAM	1	1	20.08	20.13	20.09	21.0	0.0
40	64QAM	1	1	20.07	20.08	20.00	21.0	0.0
40	256QAM	1	1	19.10	19.14	19.08	21.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.24	20.32	20.32	21.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.33	20.39	20.23	21.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.24	20.36	20.22	21.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.33	20.39	20.30	21.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.83	19.89	19.80	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.85	19.91	19.76	21.0	0.0
100	PI/2 BPSK	1	137	19.73	19.83	19.65		
100	PI/2 BPSK	1	271	19.68	19.77	19.54		
100	PI/2 BPSK	135	0	19.88	19.91	19.69	21.0	0.0
100	PI/2 BPSK	135	69	19.65	19.81	19.66	21.0	0.0
100	PI/2 BPSK	135	138	19.70	19.77	19.64	21.0	0.0
100	PI/2 BPSK	270	0	19.74	19.70	19.67		
100	QPSK	1	1	19.89	20.01	19.96	21.0	0.0
100	QPSK	1	137	19.79	19.91	19.89		
100	QPSK	1	271	19.83	19.96	19.81		
100	QPSK	135	0	19.57	19.61	19.57	21.0	0.0
100	QPSK	135	69	19.86	19.91	19.78	21.0	0.0
100	QPSK	135	138	19.63	19.71	19.62	21.0	0.0
100	QPSK	270	0	19.53	19.72	19.55		
100	16QAM	1	1	19.57	19.71	19.61	21.0	0.0
100	64QAM	1	1	19.57	19.68	19.56	21.0	0.0
100	256QAM	1	1	19.82	19.86	19.78	21.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.79	19.89	19.85	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.77	19.86	19.86	21.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.77	19.89	19.84	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.78	19.86	19.88	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.78	19.85	19.86	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.78	19.88	19.87	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.81	19.88	19.85	21.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.79	19.86	19.85	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.76	19.88	19.84	21.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.76	19.85	19.85	21.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.82	19.87	19.84	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.93	23.10	22.95	24.0	0.0
100	PI/2 BPSK	1	137	22.94	23.12	22.97		
100	PI/2 BPSK	1	271	22.89	23.08	22.99		
100	PI/2 BPSK	135	0	22.91	23.09	22.98	24.0	0.0
100	PI/2 BPSK	135	69	22.93	23.08	22.98	24.0	0.0
100	PI/2 BPSK	135	138	22.92	23.08	22.99	24.0	0.0
100	PI/2 BPSK	270	0	22.91	23.09	22.94		
100	QPSK	1	1	22.93	23.09	22.97	24.0	0.0
100	QPSK	1	137	22.91	23.06	22.97		
100	QPSK	1	271	22.94	23.08	22.99		
100	QPSK	135	0	22.95	23.06	23.00	24.0	0.0
100	QPSK	135	69	22.91	23.09	22.95	24.0	0.0
100	QPSK	135	138	22.90	23.08	22.94	24.0	0.0
100	QPSK	270	0	22.89	23.07	23.00		
100	16QAM	1	1	22.90	23.06	22.98	24.0	0.0
100	64QAM	1	1	22.91	23.11	22.98	24.0	0.0
100	256QAM	1	1	20.78	20.79	20.81	22.0	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.83	22.99	22.87	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.81	23.02	22.89	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.80	23.00	22.88	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.86	23.02	22.87	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.84	22.99	22.87	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.85	22.97	22.85	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.84	22.99	22.87	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.82	23.00	22.84	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.80	22.97	22.87	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.84	22.99	22.88	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.85	22.96	22.85	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	24.04	24.16	24.11	25.0	0.0
40	PI/2 BPSK	1	53	24.15	24.17	24.16		
40	PI/2 BPSK	1	104	24.06	24.23	24.14		
40	PI/2 BPSK	50	0	23.88	23.76	23.89	24.5	0.5
40	PI/2 BPSK	50	28	24.07	24.23	24.14	25.0	0.0
40	PI/2 BPSK	50	56	23.67	23.84	23.74	24.5	0.5
40	PI/2 BPSK	100	0	23.69	23.79	23.70		
40	QPSK	1	1	24.18	24.29	24.25	25.0	0.0
40	QPSK	1	53	24.07	24.15	24.14		
40	QPSK	1	104	24.10	24.20	24.16		
40	QPSK	50	0	23.11	23.03	23.08	24.0	1.0
40	QPSK	50	28	24.15	24.17	24.10	25.0	0.0
40	QPSK	50	56	23.03	23.09	23.07	24.0	1.0
40	QPSK	100	0	23.15	23.17	23.11		
40	16QAM	1	1	23.11	23.12	23.08	24.0	1.0
40	64QAM	1	1	21.62	21.68	21.60	22.5	2.5
40	256QAM	1	1	19.58	19.67	19.62	20.5	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	24.08	24.24	24.11	25.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	24.06	24.25	24.20	25.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	24.13	24.18	24.17	25.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	24.06	24.22	24.12	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.24	25.29	25.24	26.0	0.0
100	PI/2 BPSK	1	137	25.22	25.35	25.16		
100	PI/2 BPSK	1	271	25.20	25.29	25.20		
100	PI/2 BPSK	135	0	25.20	25.28	25.16	26.0	0.0
100	PI/2 BPSK	135	69	25.29	25.31	25.25	26.0	0.0
100	PI/2 BPSK	135	138	25.25	25.33	25.19	26.0	0.0
100	PI/2 BPSK	270	0	25.27	25.34	25.20		
100	QPSK	1	1	25.33	25.38	25.30	26.0	0.0
100	QPSK	1	137	25.25	25.34	25.17		
100	QPSK	1	271	25.19	25.30	25.20		
100	QPSK	135	0	24.88	24.93	24.85	26.0	0.0
100	QPSK	135	69	25.05	25.09	25.01	26.0	0.0
100	QPSK	135	138	24.86	24.94	24.90	26.0	0.0
100	QPSK	270	0	24.95	25.01	24.98		
100	16QAM	1	1	25.10	25.15	25.08	26.0	0.0
100	64QAM	1	1	24.71	24.83	24.77	25.5	0.5
100	256QAM	1	1	22.66	22.73	22.69	23.5	2.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.19	25.28	25.22	26.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.20	25.34	25.16	26.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.31	25.34	25.17	26.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.23	25.30	25.26	26.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.22	25.35	25.26	26.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.24	25.35	25.25	26.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.22	25.26	25.22	26.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.22	25.26	25.22	26.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.27	25.32	25.17	26.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.30	25.32	25.20	26.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.24	25.36	25.23	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	27.13	27.32	27.17	28.5	0.0
100	PI/2 BPSK	1	137	27.16	27.25	27.27		
100	PI/2 BPSK	1	271	27.16	27.24	27.26		
100	PI/2 BPSK	135	0	26.73	26.84	26.75	28.0	0.5
100	PI/2 BPSK	135	69	27.20	27.29	27.23	28.5	0.0
100	PI/2 BPSK	135	138	26.80	26.81	26.81	28.0	0.5
100	PI/2 BPSK	270	0	26.82	26.82	26.78		
100	QPSK	1	1	27.26	27.35	27.30	28.5	0.0
100	QPSK	1	137	27.23	27.23	27.27		
100	QPSK	1	271	27.21	27.33	27.24		
100	QPSK	135	0	26.07	26.11	26.01	27.5	1.0
100	QPSK	135	69	26.95	27.03	26.99	28.5	0.0
100	QPSK	135	138	26.09	26.12	26.01	27.5	1.0
100	QPSK	270	0	26.18	26.22	26.15		
100	16QAM	1	1	26.10	26.15	26.08	27.5	1.0
100	64QAM	1	1	24.51	24.63	24.58	26.0	2.5
100	256QAM	1	1	22.66	22.74	22.70	24.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	27.15	27.24	27.28	28.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	27.18	27.26	27.20	28.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	27.15	27.22	27.17	28.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	27.15	27.28	27.21	28.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	27.24	27.22	27.20	28.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	27.18	27.22	27.24	28.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	27.16	27.30	27.22	28.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	27.24	27.23	27.24	28.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	27.20	27.28	27.25	28.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	27.22	27.31	27.23	28.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	27.20	27.22	27.17	28.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.25		26.0	0.0
100	PI/2 BPSK	1	137		25.29			
100	PI/2 BPSK	1	271		25.26			
100	PI/2 BPSK	135	0		25.34		26.0	0.0
100	PI/2 BPSK	135	69		25.28		26.0	0.0
100	PI/2 BPSK	135	138		25.21		26.0	0.0
100	PI/2 BPSK	270	0		25.15			
100	QPSK	1	1		25.38		26.0	0.0
100	QPSK	1	137		25.30			
100	QPSK	1	271		25.35			
100	QPSK	135	0		25.03		26.0	0.0
100	QPSK	135	69		25.29		26.0	0.0
100	QPSK	135	138		24.91		26.0	0.0
100	QPSK	270	0		25.11			
100	16QAM	1	1		25.35		26.0	0.0
100	64QAM	1	1		24.85		25.5	0.5
100	256QAM	1	1		22.72		23.5	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.19	25.18	25.21	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.17	25.22	25.17	26.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.09	25.17	25.15	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.15	25.24	25.16	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.15	25.16	25.21	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.14	25.20	25.22	26.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.17	25.18	25.21	26.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.18	25.17	25.20	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.17	25.20	25.15	26.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.16	25.19	25.22	26.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.12	25.25	25.21	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		27.39		28.5	0.0
100	PI/2 BPSK	1	137		27.30			
100	PI/2 BPSK	1	271		27.35			
100	PI/2 BPSK	135	0		26.85		28.0	0.5
100	PI/2 BPSK	135	69		27.22		28.5	0.0
100	PI/2 BPSK	135	138		26.92		28.0	0.5
100	PI/2 BPSK	270	0		26.84			
100	QPSK	1	1		27.41		28.5	0.0
100	QPSK	1	137		27.40			
100	QPSK	1	271		27.35			
100	QPSK	135	0		26.36		27.5	1.0
100	QPSK	135	69		27.33		28.5	0.0
100	QPSK	135	138		26.25		27.5	1.0
100	QPSK	270	0		26.39			
100	16QAM	1	1		26.30		27.5	1.0
100	64QAM	1	1		24.98		26.0	2.5
100	256QAM	1	1		22.91		24.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.29	27.35	27.31	28.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	27.24	27.30	27.26	28.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	27.17	27.30	27.25	28.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	27.24	27.28	27.27	28.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	27.18	27.27	27.28	28.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	27.20	27.27	27.19	28.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	27.16	27.26	27.28	28.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	27.24	27.25	27.23	28.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	27.21	27.29	27.29	28.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	27.24	27.28	27.25	28.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	27.15	27.23	27.21	28.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.99		26.0	0.0
100	PI/2 BPSK	1	137		24.99			
100	PI/2 BPSK	1	271		25.06			
100	PI/2 BPSK	135	0		25.05		26.0	0.0
100	PI/2 BPSK	135	69		25.04		26.0	0.0
100	PI/2 BPSK	135	138		25.10		26.0	0.0
100	PI/2 BPSK	270	0		25.01			
100	QPSK	1	1		25.13		26.0	0.0
100	QPSK	1	137		25.11			
100	QPSK	1	271		25.05			
100	QPSK	135	0		24.95		26.0	0.0
100	QPSK	135	69		25.12		26.0	0.0
100	QPSK	135	138		25.08		26.0	0.0
100	QPSK	270	0		25.04			
100	16QAM	1	1		24.97		26.0	0.0
100	64QAM	1	1		24.62		25.5	0.5
100	256QAM	1	1		22.58		23.5	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.96	25.06	25.00	26.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.93	25.03	24.94	26.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.91	24.97	24.94	26.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.94	24.99	24.94	26.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.92	25.02	24.87	26.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.88	24.98	24.93	26.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.87	24.98	24.97	26.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.87	25.03	24.97	26.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.88	24.93	24.93	26.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.91	25.03	24.96	26.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.89	24.94	24.86	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		26.99		28.5	0.0
100	PI/2 BPSK	1	137		26.98			
100	PI/2 BPSK	1	271		27.00			
100	PI/2 BPSK	135	0		26.53		28.0	0.5
100	PI/2 BPSK	135	69		26.94		28.5	0.0
100	PI/2 BPSK	135	138		26.61		28.0	0.5
100	PI/2 BPSK	270	0		26.59			
100	QPSK	1	1		27.08		28.5	0.0
100	QPSK	1	137		27.02			
100	QPSK	1	271		26.95			
100	QPSK	135	0		25.92		27.5	1.0
100	QPSK	135	69		27.00		28.5	0.0
100	QPSK	135	138		25.94		27.5	1.0
100	QPSK	270	0		25.90			
100	16QAM	1	1		26.05		27.5	1.0
100	64QAM	1	1		24.51		26.0	2.5
100	256QAM	1	1		22.54		24.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.91	27.00	26.95	28.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.81	26.88	26.85	28.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.77	26.96	26.83	28.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.79	26.95	26.84	28.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.85	26.94	26.91	28.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.87	26.94	26.81	28.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.77	26.93	26.92	28.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	26.86	26.94	26.90	28.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.85	26.89	26.81	28.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	26.86	26.89	26.84	28.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26.79	26.94	26.83	28.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.15		26.0	0.0
100	PI/2 BPSK	1	137		25.08			
100	PI/2 BPSK	1	271		25.07			
100	PI/2 BPSK	135	0		25.12		26.0	0.0
100	PI/2 BPSK	135	69		25.00		26.0	0.0
100	PI/2 BPSK	135	138		25.07		26.0	0.0
100	PI/2 BPSK	270	0		24.07			
100	QPSK	1	1		25.19		26.0	0.0
100	QPSK	1	137		25.09			
100	QPSK	1	271		25.10			
100	QPSK	135	0		24.87		26.0	0.0
100	QPSK	135	69		24.95		26.0	0.0
100	QPSK	135	138		24.86		26.0	0.0
100	QPSK	270	0		24.94			
100	16QAM	1	1		25.05		26.0	0.0
100	64QAM	1	1		24.74		25.5	0.5
100	256QAM	1	1		22.73		23.5	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.06	25.15	25.10	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.97	25.07	25.04	26.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.95	25.05	24.97	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.03	25.02	25.03	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.94	25.07	24.96	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.97	25.07	24.96	26.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.00	25.11	25.03	26.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.98	25.12	25.04	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.04	25.04	25.01	26.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.99	25.11	25.01	26.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.04	25.07	25.03	26.0	0.0

Part27Q n78 HPUE Ant 6 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		27.03		28.5	0.0
100	PI/2 BPSK	1	137		27.00			
100	PI/2 BPSK	1	271		27.13			
100	PI/2 BPSK	135	0		26.66		28.0	0.5
100	PI/2 BPSK	135	69		27.05		28.5	0.0
100	PI/2 BPSK	135	138		26.72		28.0	0.5
100	PI/2 BPSK	270	0		26.73			
100	QPSK	1	1		27.16		28.5	0.0
100	QPSK	1	137		27.10			
100	QPSK	1	271		27.08			
100	QPSK	135	0		25.95		27.5	1.0
100	QPSK	135	69		26.98		28.5	0.0
100	QPSK	135	138		25.99		27.5	1.0
100	QPSK	270	0		26.05			
100	16QAM	1	1		25.98		27.5	1.0
100	64QAM	1	1		24.64		26.0	2.5
100	256QAM	1	1		22.48		24.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.02	27.10	27.06	28.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.89	27.05	26.98	28.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.89	27.00	26.99	28.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.90	27.00	26.92	28.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.96	26.97	26.99	28.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.91	27.05	26.96	28.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.97	26.99	26.95	28.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.92	27.05	27.03	28.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.97	26.97	26.98	28.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.89	27.04	27.03	28.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.91	27.01	26.93	28.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.24	23.39	23.32	25.0	0.0
40	PI/2 BPSK	1	53	23.26	23.44	23.30		
40	PI/2 BPSK	1	104	23.33	23.38	23.29		
40	PI/2 BPSK	50	0	22.90	23.00	22.86	24.5	0.5
40	PI/2 BPSK	50	28	23.26	23.36	23.38	25.0	0.0
40	PI/2 BPSK	50	56	22.87	22.91	22.96	24.5	0.5
40	PI/2 BPSK	100	0	22.91	22.98	22.86		
40	QPSK	1	1	23.38	23.46	23.41	25.0	0.0
40	QPSK	1	53	23.33	23.40	23.38		
40	QPSK	1	104	23.33	23.34	23.36		
40	QPSK	50	0	22.33	22.36	22.25	24.0	1.0
40	QPSK	50	28	23.36	23.39	23.33	25.0	0.0
40	QPSK	50	56	22.33	22.34	22.28	24.0	1.0
40	QPSK	100	0	22.38	22.41	22.35		
40	16QAM	1	1	22.22	22.30	22.26	24.0	1.0
40	64QAM	1	1	20.74	20.79	20.68	22.5	2.5
40	256QAM	1	1	18.72	18.77	18.69	20.5	4.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.33	23.35	23.34	25.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.34	23.39	23.38	25.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.34	23.39	23.35	25.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.26	23.32	23.31	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.97	24.07	23.97	25.0	0.0
100	PI/2 BPSK	1	137	23.97	24.01	24.00		
100	PI/2 BPSK	1	271	24.00	23.98	23.96		
100	PI/2 BPSK	135	0	23.93	23.96	23.95	25.0	0.0
100	PI/2 BPSK	135	69	23.96	23.97	23.98	25.0	0.0
100	PI/2 BPSK	135	138	24.01	23.96	23.94	25.0	0.0
100	PI/2 BPSK	270	0	23.93	24.06	23.93		
100	QPSK	1	1	24.06	24.09	24.04	25.0	0.0
100	QPSK	1	137	23.95	23.97	23.91		
100	QPSK	1	271	23.96	24.05	24.00		
100	QPSK	135	0	23.70	23.78	23.62	25.0	0.0
100	QPSK	135	69	23.80	23.84	23.78	25.0	0.0
100	QPSK	135	138	23.70	23.76	23.65	25.0	0.0
100	QPSK	270	0	23.88	23.95	23.81		
100	16QAM	1	1	23.91	23.94	23.88	25.0	0.0
100	64QAM	1	1	23.52	23.56	23.48	24.5	0.5
100	256QAM	1	1	21.48	21.53	21.46	22.5	2.5
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.01	24.06	23.97	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.02	24.02	24.01	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.93	24.04	23.93	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.96	24.06	24.00	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.00	24.06	23.99	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.02	24.04	23.98	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.98	24.07	23.90	25.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.93	24.07	23.96	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.03	24.04	23.91	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.04	24.02	23.98	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.03	24.04	23.92	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.96	25.95	25.87	27.5	0.0
100	PI/2 BPSK	1	137	26.00	26.01	25.88		
100	PI/2 BPSK	1	271	25.94	25.93	25.95		
100	PI/2 BPSK	135	0	25.56	25.57	25.47	27.0	0.5
100	PI/2 BPSK	135	69	26.00	26.01	25.86	27.5	0.0
100	PI/2 BPSK	135	138	25.58	25.52	25.45	27.0	0.5
100	PI/2 BPSK	270	0	25.49	25.56	25.51		
100	QPSK	1	1	26.03	26.06	25.98	27.5	0.0
100	QPSK	1	137	25.94	26.01	25.84		
100	QPSK	1	271	25.90	25.97	25.85		
100	QPSK	135	0	24.83	24.81	24.71	26.5	1.0
100	QPSK	135	69	25.82	25.89	25.86	27.5	0.0
100	QPSK	135	138	24.78	24.87	24.77	26.5	1.0
100	QPSK	270	0	24.88	24.91	24.83		
100	16QAM	1	1	24.90	24.92	24.84	26.5	1.0
100	64QAM	1	1	23.42	23.51	23.48	25.0	2.5
100	256QAM	1	1	21.40	21.44	21.36	23.0	4.5
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.99	25.92	25.89	27.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.92	26.01	25.88	27.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.93	26.01	25.86	27.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.93	25.96	25.88	27.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.90	25.98	25.88	27.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.93	26.02	25.92	27.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.92	26.00	25.84	27.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.89	26.01	25.92	27.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.91	25.99	25.84	27.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.98	26.03	25.86	27.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.95	25.92	25.93	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.09		25.0	0.0
100	PI/2 BPSK	1	137		24.10			
100	PI/2 BPSK	1	271		24.06			
100	PI/2 BPSK	135	0		24.07		25.0	0.0
100	PI/2 BPSK	135	69		24.10		25.0	0.0
100	PI/2 BPSK	135	138		24.11		25.0	0.0
100	PI/2 BPSK	270	0		24.16			
100	QPSK	1	1		24.19		25.0	0.0
100	QPSK	1	137		24.17			
100	QPSK	1	271		24.12			
100	QPSK	135	0		24.05		25.0	0.0
100	QPSK	135	69		24.14		25.0	0.0
100	QPSK	135	138		24.11		25.0	0.0
100	QPSK	270	0		24.10			
100	16QAM	1	1		24.06		25.0	0.0
100	64QAM	1	1		23.67		24.5	0.5
100	256QAM	1	1		21.75		22.5	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.08	24.15	24.10	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.96	24.07	24.02	25.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.94	24.07	24.01	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.05	24.02	24.08	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.04	24.04	24.05	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.99	24.06	24.02	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.03	24.05	24.03	25.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.00	24.08	24.06	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.95	24.04	23.96	25.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.99	24.05	24.02	25.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.98	24.02	24.00	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.18		27.5	0.0
100	PI/2 BPSK	1	137		26.21			
100	PI/2 BPSK	1	271		26.19			
100	PI/2 BPSK	135	0		25.83		27.0	0.5
100	PI/2 BPSK	135	69		26.26		27.5	0.0
100	PI/2 BPSK	135	138		25.80		27.0	0.5
100	PI/2 BPSK	270	0		25.85			
100	QPSK	1	1		26.31		27.5	0.0
100	QPSK	1	137		26.15			
100	QPSK	1	271		26.18			
100	QPSK	135	0		25.21		26.5	1.0
100	QPSK	135	69		26.26		27.5	0.0
100	QPSK	135	138		25.20		26.5	1.0
100	QPSK	270	0		25.24			
100	16QAM	1	1		25.23		26.5	1.0
100	64QAM	1	1		23.80		25.0	2.5
100	256QAM	1	1		21.83		23.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.23	26.24	26.13	27.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.22	26.22	26.13	27.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.16	26.22	26.18	27.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.22	26.16	26.10	27.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.17	26.26	26.16	27.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.22	26.15	26.11	27.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.12	26.15	26.17	27.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.12	26.24	26.17	27.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.23	26.25	26.13	27.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.11	26.21	26.17	27.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.20	26.24	26.12	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.48		25.5	0.0
100	PI/2 BPSK	1	137		24.46			
100	PI/2 BPSK	1	271		24.55			
100	PI/2 BPSK	135	0		24.49		25.5	0.0
100	PI/2 BPSK	135	69		24.47		25.5	0.0
100	PI/2 BPSK	135	138		24.55		25.5	0.0
100	PI/2 BPSK	270	0		24.51			
100	QPSK	1	1		24.58		25.5	0.0
100	QPSK	1	137		24.54			
100	QPSK	1	271		24.48			
100	QPSK	135	0		24.39		25.5	0.0
100	QPSK	135	69		24.43		25.5	0.0
100	QPSK	135	138		24.38		25.5	0.0
100	QPSK	270	0		24.51			
100	16QAM	1	1		24.44		25.5	0.0
100	64QAM	1	1		23.96		25.0	0.5
100	256QAM	1	1		21.88		23.0	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.37	24.46	24.42	25.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.44	24.43	24.45	25.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.40	24.46	24.47	25.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.37	24.42	24.42	25.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.36	24.47	24.37	25.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.37	24.45	24.43	25.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.44	24.44	24.43	25.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.44	24.45	24.47	25.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.34	24.44	24.48	25.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.40	24.46	24.46	25.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.44	24.42	24.49	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		26.44		27.5	0.0
100	PI/2 BPSK	1	137		26.46			
100	PI/2 BPSK	1	271		26.44			
100	PI/2 BPSK	135	0		26.48		27.0	0.5
100	PI/2 BPSK	135	69		26.50		27.5	0.0
100	PI/2 BPSK	135	138		26.50		27.0	0.5
100	PI/2 BPSK	270	0		26.43			
100	QPSK	1	1		26.53		27.5	0.0
100	QPSK	1	137		26.48			
100	QPSK	1	271		26.43			
100	QPSK	135	0		25.38		26.5	1.0
100	QPSK	135	69		26.47		27.5	0.0
100	QPSK	135	138		25.43		26.5	1.0
100	QPSK	270	0		25.46			
100	16QAM	1	1		25.37		26.5	1.0
100	64QAM	1	1		23.93		25.0	2.5
100	256QAM	1	1		21.87		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.30	26.40	26.33	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.26	26.34	26.35	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.26	26.39	26.26	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.35	26.32	26.30	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.29	26.41	26.34	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.27	26.33	26.36	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.32	26.34	26.35	27.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	26.26	26.33	26.27	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.31	26.36	26.33	27.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	26.38	26.40	26.27	27.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26.29	26.29	26.33	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.48		25.5	0.0
100	PI/2 BPSK	1	137		24.53			
100	PI/2 BPSK	1	271		24.53			
100	PI/2 BPSK	135	0		24.50		25.5	0.0
100	PI/2 BPSK	135	69		24.42		25.5	0.0
100	PI/2 BPSK	135	138		24.48		25.5	0.0
100	PI/2 BPSK	270	0		24.43			
100	QPSK	1	1		24.56		25.5	0.0
100	QPSK	1	137		24.44			
100	QPSK	1	271		24.49			
100	QPSK	135	0		24.31		25.5	0.0
100	QPSK	135	69		24.35		25.5	0.0
100	QPSK	135	138		24.29		25.5	0.0
100	QPSK	270	0		24.42			
100	16QAM	1	1		24.51		25.5	0.0
100	64QAM	1	1		23.98		25.0	0.5
100	256QAM	1	1		21.99		23.0	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.32	24.39	24.34	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.41	24.36	24.35	25.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.33	24.42	24.31	25.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.29	24.34	24.34	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.38	24.37	24.40	25.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.30	24.38	24.31	25.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.40	24.44	24.36	25.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.35	24.38	24.36	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.31	24.45	24.32	25.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.32	24.37	24.33	25.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.37	24.38	24.38	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.48		27.5	0.0
100	PI/2 BPSK	1	137		26.48			
100	PI/2 BPSK	1	271		26.42			
100	PI/2 BPSK	135	0		26.38		27.0	0.5
100	PI/2 BPSK	135	69		26.43		27.5	0.0
100	PI/2 BPSK	135	138		26.46		27.0	0.5
100	PI/2 BPSK	270	0		26.40			
100	QPSK	1	1		26.51		27.5	0.0
100	QPSK	1	137		26.42			
100	QPSK	1	271		26.46			
100	QPSK	135	0		25.29		26.5	1.0
100	QPSK	135	69		26.23		27.5	0.0
100	QPSK	135	138		25.33		26.5	1.0
100	QPSK	270	0		25.35			
100	16QAM	1	1		25.22		26.5	1.0
100	64QAM	1	1		23.84		25.0	2.5
100	256QAM	1	1		21.84		23.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.35	26.30	26.28	27.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.30	26.35	26.34	27.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.24	26.27	26.30	27.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.30	26.39	26.33	27.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.28	26.36	26.33	27.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.25	26.28	26.30	27.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.26	26.38	26.35	27.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.28	26.32	26.34	27.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.24	26.33	26.29	27.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.33	26.34	26.35	27.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.31	26.30	26.34	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.10	20.00	19.96	21.5	0.0
40	PI/2 BPSK	1	53	19.88	19.96	19.88		
40	PI/2 BPSK	1	104	19.88	19.96	19.82		
40	PI/2 BPSK	50	0	19.98	20.16	19.90	21.5	0.0
40	PI/2 BPSK	50	28	19.90	19.93	19.84	21.5	0.0
40	PI/2 BPSK	50	56	19.80	19.99	19.78	21.5	0.0
40	PI/2 BPSK	100	0	19.94	19.93	19.93		
40	QPSK	1	1	20.17	20.19	20.16	21.5	0.0
40	QPSK	1	53	19.90	20.02	20.01		
40	QPSK	1	104	19.88	20.04	20.03		
40	QPSK	50	0	19.77	19.76	19.81	21.5	0.0
40	QPSK	50	28	19.95	20.02	19.92	21.5	0.0
40	QPSK	50	56	19.66	19.67	19.74	21.5	0.0
40	QPSK	100	0	19.81	19.95	19.83		
40	16QAM	1	1	19.80	19.83	19.83	21.5	0.0
40	64QAM	1	1	19.82	19.87	19.71	21.5	0.0
40	256QAM	1	1	17.96	18.02	17.94	19.5	2.0
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.08	19.99	20.11	21.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	20.08	20.03	20.02	21.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	20.04	20.00	20.08	21.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	20.02	20.09	20.02	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.68	20.66	20.52	22.0	0.0
100	PI/2 BPSK	1	137	20.49	20.56	20.49		
100	PI/2 BPSK	1	271	20.50	20.54	20.43		
100	PI/2 BPSK	135	0	20.66	20.64	20.46	22.0	0.0
100	PI/2 BPSK	135	69	20.38	20.58	20.52	22.0	0.0
100	PI/2 BPSK	135	138	20.43	20.60	20.40	22.0	0.0
100	PI/2 BPSK	270	0	20.52	20.56	20.56		
100	QPSK	1	1	20.65	20.79	20.75	22.0	0.0
100	QPSK	1	137	20.59	20.64	20.62		
100	QPSK	1	271	20.60	20.74	20.54		
100	QPSK	135	0	20.33	20.36	20.30	22.0	0.0
100	QPSK	135	69	20.63	20.73	20.52	22.0	0.0
100	QPSK	135	138	20.16	20.21	20.35	22.0	0.0
100	QPSK	270	0	20.40	20.49	20.35		
100	16QAM	1	1	20.31	20.33	20.34	22.0	0.0
100	64QAM	1	1	20.38	20.43	20.32	22.0	0.0
100	256QAM	1	1	20.37	20.53	20.34	22.0	0.0
Channel				648668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.58	20.67	20.62	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.57	20.76	20.62	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.60	20.72	20.63	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.55	20.73	20.67	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.56	20.69	20.66	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.52	20.64	20.60	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.56	20.64	20.69	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.55	20.75	20.72	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.56	20.73	20.64	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.49	20.74	20.66	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.54	20.67	20.61	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.74	23.62	23.56	25.0	0.0
100	PI/2 BPSK	1	137	23.51	23.51	23.44		
100	PI/2 BPSK	1	271	23.46	23.58	23.40		
100	PI/2 BPSK	135	0	23.61	23.70	23.45	25.0	0.0
100	PI/2 BPSK	135	69	23.36	23.58	23.53	25.0	0.0
100	PI/2 BPSK	135	138	23.50	23.64	23.36	25.0	0.0
100	PI/2 BPSK	270	0	23.50	23.52	23.53		
100	QPSK	1	1	23.60	23.84	23.81	25.0	0.0
100	QPSK	1	137	23.64	23.57	23.67		
100	QPSK	1	271	23.66	23.72	23.56		
100	QPSK	135	0	23.29	23.30	23.36	25.0	0.0
100	QPSK	135	69	23.68	23.78	23.48	25.0	0.0
100	QPSK	135	138	23.22	23.21	23.36	25.0	0.0
100	QPSK	270	0	23.47	23.51	23.34		
100	16QAM	1	1	23.31	23.30	23.35	25.0	0.0
100	64QAM	1	1	23.20	23.25	23.18	24.5	0.5
100	256QAM	1	1	21.13	21.16	21.11	22.5	2.5
Channel				648668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.54	23.75	23.70	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.49	23.73	23.73	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.53	23.73	23.74	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.50	23.77	23.66	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.49	23.71	23.74	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.49	23.74	23.66	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.51	23.76	23.74	25.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.51	23.70	23.73	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.53	23.68	23.64	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.49	23.68	23.67	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.50	23.77	23.72	25.0	0.0

Part27Q n77 Ant 8 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.86		22.0	0.0
100	PI/2 BPSK	1	137		20.81			
100	PI/2 BPSK	1	271		20.76			
100	PI/2 BPSK	135	0		20.91		22.0	0.0
100	PI/2 BPSK	135	69		20.77		22.0	0.0
100	PI/2 BPSK	135	138		20.84		22.0	0.0
100	PI/2 BPSK	270	0		20.77			
100	QPSK	1	1		21.06		22.0	0.0
100	QPSK	1	137		20.87			
100	QPSK	1	271		20.97			
100	QPSK	135	0		20.59		22.0	0.0
100	QPSK	135	69		20.92		22.0	0.0
100	QPSK	135	138		20.45		22.0	0.0
100	QPSK	270	0		20.73			
100	16QAM	1	1		20.54		22.0	0.0
100	64QAM	1	1		20.63		22.0	0.0
100	256QAM	1	1		20.77		22.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.90	20.88	20.84	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.89	20.97	20.81	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.83	20.98	20.94	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.85	20.91	20.92	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.89	20.92	20.91	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.82	20.88	20.81	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.87	20.99	20.88	22.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.80	20.87	20.94	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.78	20.96	20.91	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.84	20.94	20.87	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.90	20.95	20.84	22.0	0.0

Part27Q n77 HPUE Ant 8 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.86		25.0	0.0
100	PI/2 BPSK	1	137		23.70			
100	PI/2 BPSK	1	271		23.77			
100	PI/2 BPSK	135	0		23.96		25.0	0.0
100	PI/2 BPSK	135	69		23.79		25.0	0.0
100	PI/2 BPSK	135	138		23.91		25.0	0.0
100	PI/2 BPSK	270	0		23.79			
100	QPSK	1	1		24.14		25.0	0.0
100	QPSK	1	137		23.83			
100	QPSK	1	271		23.92			
100	QPSK	135	0		23.57		25.0	0.0
100	QPSK	135	69		23.96		25.0	0.0
100	QPSK	135	138		23.46		25.0	0.0
100	QPSK	270	0		23.80			
100	16QAM	1	1		23.57		25.0	0.0
100	64QAM	1	1		23.35		24.5	0.5
100	256QAM	1	1		21.40		22.5	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.83	24.07	23.96	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.76	23.96	23.94	25.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.85	23.96	23.90	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.79	23.93	23.90	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.79	24.00	23.90	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.82	23.98	23.95	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.78	24.06	24.01	25.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.72	23.97	23.95	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.73	23.96	23.96	25.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.75	24.04	24.00	25.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.72	24.04	23.96	25.0	0.0

Part27O n78 Ant 8 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.79		22.0	0.0
100	PI/2 BPSK	1	137		20.60			
100	PI/2 BPSK	1	271		20.59			
100	PI/2 BPSK	135	0		20.84		22.0	0.0
100	PI/2 BPSK	135	69		20.61		22.0	0.0
100	PI/2 BPSK	135	138		20.63		22.0	0.0
100	PI/2 BPSK	270	0		20.62			
100	QPSK	1	1		20.92		22.0	0.0
100	QPSK	1	137		20.77			
100	QPSK	1	271		20.86			
100	QPSK	135	0		20.54		22.0	0.0
100	QPSK	135	69		20.82		22.0	0.0
100	QPSK	135	138		20.32		22.0	0.0
100	QPSK	270	0		20.64			
100	16QAM	1	1		20.46		22.0	0.0
100	64QAM	1	1		20.53		22.0	0.0
100	256QAM	1	1		20.58		22.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.78	20.71	20.80	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.75	20.74	20.76	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.74	20.73	20.76	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.74	20.73	20.73	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.78	20.74	20.81	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.80	20.64	20.82	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.77	20.64	20.87	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.72	20.64	20.73	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.79	20.71	20.85	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.79	20.69	20.76	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.75	20.66	20.83	22.0	0.0

Part27O n78 HPUE Ant 8 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.71		25.0	0.0
100	PI/2 BPSK	1	137		23.56			
100	PI/2 BPSK	1	271		23.59			
100	PI/2 BPSK	135	0		23.72		25.0	0.0
100	PI/2 BPSK	135	69		23.56		25.0	0.0
100	PI/2 BPSK	135	138		23.62		25.0	0.0
100	PI/2 BPSK	270	0		23.61			
100	QPSK	1	1		23.88		25.0	0.0
100	QPSK	1	137		23.69			
100	QPSK	1	271		23.77			
100	QPSK	135	0		23.46		25.0	0.0
100	QPSK	135	69		23.78		25.0	0.0
100	QPSK	135	138		23.26		25.0	0.0
100	QPSK	270	0		23.55			
100	16QAM	1	1		23.43		25.0	0.0
100	64QAM	1	1		23.05		24.5	0.5
100	256QAM	1	1		21.15		22.5	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.78	23.72	23.76	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.71	23.62	23.77	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.72	23.68	23.79	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.69	23.59	23.74	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.73	23.68	23.72	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.74	23.71	23.73	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.79	23.60	23.81	25.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.76	23.73	23.75	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.72	23.69	23.80	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.67	23.70	23.76	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.75	23.62	23.78	25.0	0.0

Part27Q n78 Ant 8 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.72		22.0	0.0
100	PI/2 BPSK	1	137		20.59			
100	PI/2 BPSK	1	271		20.53			
100	PI/2 BPSK	135	0		20.79		22.0	0.0
100	PI/2 BPSK	135	69		20.64		22.0	0.0
100	PI/2 BPSK	135	138		20.60		22.0	0.0
100	PI/2 BPSK	270	0		20.56			
100	QPSK	1	1		20.90		22.0	0.0
100	QPSK	1	137		20.80			
100	QPSK	1	271		20.85			
100	QPSK	135	0		20.61		22.0	0.0
100	QPSK	135	69		20.76		22.0	0.0
100	QPSK	135	138		20.38		22.0	0.0
100	QPSK	270	0		20.60			
100	16QAM	1	1		20.50		22.0	0.0
100	64QAM	1	1		20.48		22.0	0.0
100	256QAM	1	1		20.60		22.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.70	20.69	20.78	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.71	20.66	20.74	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.79	20.63	20.77	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.72	20.66	20.77	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.73	20.64	20.75	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.77	20.66	20.74	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.76	20.64	20.80	22.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.70	20.69	20.71	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.68	20.64	20.74	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.79	20.60	20.81	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.68	20.63	20.81	22.0	0.0

Part27Q n78 HPUE Ant 8 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.70		25.0	0.0
100	PI/2 BPSK	1	137		23.49			
100	PI/2 BPSK	1	271		23.56			
100	PI/2 BPSK	135	0		23.65		25.0	0.0
100	PI/2 BPSK	135	69		23.56		25.0	0.0
100	PI/2 BPSK	135	138		23.62		25.0	0.0
100	PI/2 BPSK	270	0		23.62			
100	QPSK	1	1		23.94		25.0	0.0
100	QPSK	1	137		23.70			
100	QPSK	1	271		23.78			
100	QPSK	135	0		23.51		25.0	0.0
100	QPSK	135	69		23.80		25.0	0.0
100	QPSK	135	138		23.31		25.0	0.0
100	QPSK	270	0		23.57			
100	16QAM	1	1		23.48		25.0	0.0
100	64QAM	1	1		23.12		24.5	0.5
100	256QAM	1	1		21.26		22.5	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.80	23.73	23.69	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.74	23.62	23.77	25.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.70	23.65	23.67	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.68	23.61	23.79	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.81	23.65	23.72	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.72	23.75	23.68	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.78	23.72	23.70	25.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.70	23.73	23.67	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.75	23.67	23.71	25.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.75	23.69	23.77	25.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.73	23.66	23.67	25.0	0.0

Reduced Power Mode for DSI6

n5 Ant 0 DSI6

BW [MHz]	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	24.43	24.55	24.58	25.2	0.0
20	PI/2 BPSK	1	53	24.55	24.63	24.64		
20	PI/2 BPSK	1	104	24.55	24.58	24.60		
20	PI/2 BPSK	50	0	24.61	24.67	24.66	25.2	0.0
20	PI/2 BPSK	50	28	24.49	24.58	24.54	25.2	0.0
20	PI/2 BPSK	50	56	24.61	24.61	24.68	25.2	0.0
20	PI/2 BPSK	100	0	24.58	24.61	24.63		
20	QPSK	1	1	24.60	24.69	24.66	25.2	0.0
20	QPSK	1	53	24.47	24.49	24.50		
20	QPSK	1	104	24.52	24.62	24.64		
20	QPSK	50	0	24.16	24.15	24.16	24.7	0.5
20	QPSK	50	28	24.45	24.58	24.36	25.2	0.0
20	QPSK	50	56	24.13	24.18	24.12	24.7	0.5
20	QPSK	100	0	24.16	24.25	24.21		
20	16QAM	1	1	24.17	24.20	24.19	24.7	0.5
20	64QAM	1	1	22.60	22.73	22.61	23.2	2.0
20	256QAM	1	1	20.58	20.71	20.68	21.2	4.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.46	24.52	24.49	25.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.45	24.63	24.57	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.44	24.57	24.53	25.2	0.0

n26 Ant 0 DSI6

BW [MHz]	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	24.97	25.15	25.04	25.7	0.0
20	PI/2 BPSK	1	53	24.98	25.18	25.18		
20	PI/2 BPSK	1	104	25.12	25.13	25.11		
20	PI/2 BPSK	50	0	24.46	24.55	24.42	25.2	0.5
20	PI/2 BPSK	50	28	24.93	24.99	24.94	25.7	0.0
20	PI/2 BPSK	50	56	24.41	24.52	24.42	25.2	0.5
20	PI/2 BPSK	100	0	24.57	24.57	24.49		
20	QPSK	1	1	25.15	25.19	25.14	25.7	0.0
20	QPSK	1	53	25.02	25.05	25.04		
20	QPSK	1	104	25.01	25.08	25.09		
20	QPSK	50	0	23.90	24.07	23.90	24.7	1.0
20	QPSK	50	28	25.00	25.07	24.90	25.7	0.0
20	QPSK	50	56	23.85	24.03	23.86	24.7	1.0
20	QPSK	100	0	23.99	24.03	23.90		
20	16QAM	1	1	23.92	23.95	23.92	24.7	1.0
20	64QAM	1	1	22.63	22.73	22.65	23.2	2.5
20	256QAM	1	1	20.64	20.66	20.60	21.2	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.06	25.07	25.02	25.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.06	25.17	25.03	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	25.02	25.12	25.03	25.7	0.0

n5 Ant 1 DSI6

BW [MHz]	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	19.11	19.18	19.05	20.2	0.0
20	PI/2 BPSK	1	53	19.02	18.99	18.89		
20	PI/2 BPSK	1	104	18.91	19.01	18.83		
20	PI/2 BPSK	50	0	19.06	19.18	18.94	20.2	0.0
20	PI/2 BPSK	50	28	18.88	18.97	18.94	20.2	0.0
20	PI/2 BPSK	50	56	18.87	19.05	18.95	20.2	0.0
20	PI/2 BPSK	100	0	18.91	18.96	18.96		
20	QPSK	1	1	19.17	19.22	19.18	20.2	0.0
20	QPSK	1	53	18.99	19.11	19.03		
20	QPSK	1	104	19.05	19.15	19.01		
20	QPSK	50	0	18.72	18.85	18.87	20.2	0.0
20	QPSK	50	28	18.99	19.10	18.97	20.2	0.0
20	QPSK	50	56	18.88	18.95	18.83	20.2	0.0
20	QPSK	100	0	18.76	18.86	18.75		
20	16QAM	1	1	18.88	18.93	18.82	20.2	0.0
20	64QAM	1	1	18.90	18.88	18.82	20.2	0.0
20	256QAM	1	1	18.88	18.98	18.83	20.2	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	19.09	19.10	19.04	20.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	19.04	19.14	19.10	20.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	19.07	19.07	19.04	20.2	0.0

n26 Ant 1 DSI6

BW [MHz]	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	19.59	19.38	20.7	0.0
20	PI/2 BPSK	1	53	19.42	19.44	19.28		
20	PI/2 BPSK	1	104	19.41	19.45	19.31		
20	PI/2 BPSK	50	0	19.51	19.58	19.41	20.7	0.0
20	PI/2 BPSK	50	28	19.36	19.48	19.34	20.7	0.0
20	PI/2 BPSK	50	56	19.28	19.46	19.26	20.7	0.0
20	PI/2 BPSK	100	0	19.38	19.48	19.36		
20	QPSK	1	1	19.55	19.66	19.58	20.7	0.0
20	QPSK	1	53	19.40	19.52	19.46		
20	QPSK	1	104	19.47	19.56	19.42		
20	QPSK	50	0	19.20	19.32	19.26	20.7	0.0
20	QPSK	50	28	19.41	19.57	19.45	20.7	0.0
20	QPSK	50	56	19.27	19.42	19.25	20.7	0.0
20	QPSK	100	0	19.26	19.29	19.18		
20	16QAM	1	1	19.30	19.45	19.24	20.7	0.0
20	64QAM	1	1	19.27	19.33	19.17	20.7	0.0
20	256QAM	1	1	19.25	19.41	19.27	20.7	0.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	19.43	19.52	19.49	20.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	19.44	19.52	19.42	20.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	19.50	19.54	19.48	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	16.56	16.61	16.42	18.0	0.0
40	PI/2 BPSK	1	53	16.40	16.42	16.38		
40	PI/2 BPSK	1	104	16.40	16.44	16.32		
40	PI/2 BPSK	50	0	16.56	16.57	16.39	18.0	0.0
40	PI/2 BPSK	50	28	16.34	16.52	16.35	18.0	0.0
40	PI/2 BPSK	50	56	16.33	16.42	16.30	18.0	0.0
40	PI/2 BPSK	100	0	16.39	16.49	16.37		
40	QPSK	1	1	16.60	16.64	16.61	18.0	0.0
40	QPSK	1	53	16.49	16.63	16.51		
40	QPSK	1	104	16.43	16.55	16.54		
40	QPSK	50	0	16.17	16.38	16.32	18.0	0.0
40	QPSK	50	28	16.49	16.55	16.50	18.0	0.0
40	QPSK	50	56	16.30	16.38	16.26	18.0	0.0
40	QPSK	100	0	16.19	16.34	16.18		
40	16QAM	1	1	16.26	16.40	16.26	18.0	0.0
40	64QAM	1	1	16.35	16.41	16.22	18.0	0.0
40	256QAM	1	1	16.22	16.26	16.19	17.5	0.5
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	16.54	16.58	16.45	18.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	16.54	16.58	16.47	18.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	16.46	16.55	16.53	18.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	16.44	16.60	16.46	18.0	0.0

Part27O n77 Ant 1 DSI6

BW [MHz]	Modulation	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	16.04	16.00	15.90	17.5	0.0
100	PI/2 BPSK	1	137	15.91	15.95	15.77		
100	PI/2 BPSK	1	271	15.82	15.86	15.71		
100	PI/2 BPSK	135	0	15.97	16.08	15.87	17.5	0.0
100	PI/2 BPSK	135	69	15.77	15.94	15.79	17.5	0.0
100	PI/2 BPSK	135	138	15.80	15.97	15.82	17.5	0.0
100	PI/2 BPSK	270	0	15.87	15.89	15.87		
100	QPSK	1	1	16.05	16.15	16.13	17.5	0.0
100	QPSK	1	137	15.86	16.02	16.00		
100	QPSK	1	271	15.94	16.11	15.99		
100	QPSK	135	0	15.68	15.72	15.76	17.5	0.0
100	QPSK	135	69	15.96	16.04	15.88	17.5	0.0
100	QPSK	135	138	15.68	15.82	15.74	17.5	0.0
100	QPSK	270	0	15.65	15.78	15.71		
100	16QAM	1	1	15.74	15.82	15.70	17.5	0.0
100	64QAM	1	1	15.80	15.85	15.69	17.5	0.0
100	256QAM	1	1	15.80	15.90	15.74	17.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.90	15.98	16.02	17.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.92	15.95	16.02	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.92	15.97	16.02	17.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.98	16.06	16.00	17.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.99	15.95	16.02	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.97	15.95	16.03	17.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.98	16.05	16.08	17.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.97	16.04	16.09	17.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.98	15.97	16.05	17.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.97	15.99	16.10	17.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.90	15.97	16.05	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.03	19.03	18.85	20.5	0.0
100	PI/2 BPSK	1	137	18.92	18.90	18.73		
100	PI/2 BPSK	1	271	18.80	18.89	18.77		
100	PI/2 BPSK	135	0	18.94	19.09	18.85	20.5	0.0
100	PI/2 BPSK	135	69	18.82	18.97	18.76	20.5	0.0
100	PI/2 BPSK	135	138	18.81	19.00	18.85	20.5	0.0
100	PI/2 BPSK	270	0	18.92	18.88	18.83		
100	QPSK	1	1	19.06	19.17	19.10	20.5	0.0
100	QPSK	1	137	18.83	19.04	19.02		
100	QPSK	1	271	18.90	19.13	19.03		
100	QPSK	135	0	18.65	18.75	18.81	20.5	0.0
100	QPSK	135	69	19.02	19.03	18.91	20.5	0.0
100	QPSK	135	138	18.73	18.80	18.72	20.5	0.0
100	QPSK	270	0	18.68	18.81	18.72		
100	16QAM	1	1	18.71	18.83	18.75	20.5	0.0
100	64QAM	1	1	18.77	18.82	18.71	20.5	0.0
100	256QAM	1	1	18.78	18.86	18.72	20.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.93	19.06	18.97	20.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.96	18.98	19.04	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.95	19.03	19.06	20.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.94	18.98	18.95	20.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.97	18.99	18.99	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.96	18.95	19.04	20.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.02	18.95	18.98	20.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.95	19.02	18.96	20.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.01	19.01	18.94	20.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.01	19.04	19.01	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.92	19.02	18.96	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.84		17.5	0.0
100	PI/2 BPSK	1	137		15.78			
100	PI/2 BPSK	1	271		15.72			
100	PI/2 BPSK	135	0		15.94		17.5	0.0
100	PI/2 BPSK	135	69		15.77		17.5	0.0
100	PI/2 BPSK	135	138		15.76		17.5	0.0
100	PI/2 BPSK	270	0		15.69			
100	QPSK	1	1		15.97		17.5	0.0
100	QPSK	1	137		15.86			
100	QPSK	1	271		15.91			
100	QPSK	135	0		15.66		17.5	0.0
100	QPSK	135	69		15.82		17.5	0.0
100	QPSK	135	138		15.69		17.5	0.0
100	QPSK	270	0		15.65			
100	16QAM	1	1		15.73		17.5	0.0
100	64QAM	1	1		15.62		17.5	0.0
100	256QAM	1	1		15.65		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.86	15.83	15.82	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.87	15.84	15.78	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.82	15.78	15.78	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.84	15.78	15.81	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.86	15.83	15.76	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.81	15.80	15.85	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.86	15.86	15.75	17.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.83	15.84	15.78	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.87	15.86	15.78	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.89	15.81	15.75	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.92	15.82	15.84	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.87		20.5	0.0
100	PI/2 BPSK	1	137		18.74			
100	PI/2 BPSK	1	271		18.72			
100	PI/2 BPSK	135	0		18.89		20.5	0.0
100	PI/2 BPSK	135	69		18.81		20.5	0.0
100	PI/2 BPSK	135	138		18.70		20.5	0.0
100	PI/2 BPSK	270	0		18.68			
100	QPSK	1	1		19.01		20.5	0.0
100	QPSK	1	137		18.81			
100	QPSK	1	271		18.94			
100	QPSK	135	0		18.70		20.5	0.0
100	QPSK	135	69		18.79		20.5	0.0
100	QPSK	135	138		18.71		20.5	0.0
100	QPSK	270	0		18.61			
100	16QAM	1	1		18.77		20.5	0.0
100	64QAM	1	1		18.68		20.5	0.0
100	256QAM	1	1		18.60		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.87	18.83	18.81	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.82	18.81	18.84	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.92	18.86	18.85	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.84	18.79	18.78	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.84	18.88	18.88	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.85	18.78	18.81	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.91	18.84	18.79	20.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.84	18.86	18.84	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.88	18.80	18.78	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.87	18.78	18.86	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.83	18.83	18.81	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.96		19.0	0.0
100	PI/2 BPSK	1	137		17.80			
100	PI/2 BPSK	1	271		17.82			
100	PI/2 BPSK	135	0		17.95		19.0	0.0
100	PI/2 BPSK	135	69		17.84		19.0	0.0
100	PI/2 BPSK	135	138		17.81		19.0	0.0
100	PI/2 BPSK	270	0		17.85			
100	QPSK	1	1		18.06		19.0	0.0
100	QPSK	1	137		17.93			
100	QPSK	1	271		17.94			
100	QPSK	135	0		17.70		19.0	0.0
100	QPSK	135	69		17.96		19.0	0.0
100	QPSK	135	138		17.73		19.0	0.0
100	QPSK	270	0		17.64			
100	16QAM	1	1		17.79		19.0	0.0
100	64QAM	1	1		17.67		19.0	0.0
100	256QAM	1	1		17.74		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.89	17.83	17.98	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.89	17.84	17.97	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.93	17.86	17.94	19.0	0.0
Channel				649668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.84	17.82	17.98	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.92	17.91	17.94	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.89	17.89	17.95	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.95	17.90	17.96	19.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.94	17.83	17.90	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.84	17.93	17.92	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.87	17.92	17.98	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.94	17.83	17.89	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.94		22.0	0.0
100	PI/2 BPSK	1	137		20.75			
100	PI/2 BPSK	1	271		20.84			
100	PI/2 BPSK	135	0		20.93		22.0	0.0
100	PI/2 BPSK	135	69		20.81		22.0	0.0
100	PI/2 BPSK	135	138		20.87		22.0	0.0
100	PI/2 BPSK	270	0		20.79			
100	QPSK	1	1		21.04		22.0	0.0
100	QPSK	1	137		20.95			
100	QPSK	1	271		20.89			
100	QPSK	135	0		20.66		22.0	0.0
100	QPSK	135	69		20.99		22.0	0.0
100	QPSK	135	138		20.79		22.0	0.0
100	QPSK	270	0		20.66			
100	16QAM	1	1		20.79		22.0	0.0
100	64QAM	1	1		20.66		22.0	0.0
100	256QAM	1	1		19.56		21.5	0.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.89	20.89	21.01	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.85	20.83	20.95	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.93	20.77	20.93	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.90	20.85	21.03	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.95	20.82	20.97	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.83	20.81	20.95	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.90	20.81	21.02	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.95	20.86	21.03	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.84	20.80	21.03	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.86	20.87	21.01	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.84	20.86	21.00	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.62		19.0	0.0
100	PI/2 BPSK	1	137		17.49			
100	PI/2 BPSK	1	271		17.50			
100	PI/2 BPSK	135	0		17.70		19.0	0.0
100	PI/2 BPSK	135	69		17.55		19.0	0.0
100	PI/2 BPSK	135	138		17.51		19.0	0.0
100	PI/2 BPSK	270	0		17.48			
100	QPSK	1	1		17.76		19.0	0.0
100	QPSK	1	137		17.69			
100	QPSK	1	271		17.65			
100	QPSK	135	0		17.33		19.0	0.0
100	QPSK	135	69		17.64		19.0	0.0
100	QPSK	135	138		17.47		19.0	0.0
100	QPSK	270	0		17.42			
100	16QAM	1	1		17.47		19.0	0.0
100	64QAM	1	1		17.44		19.0	0.0
100	256QAM	1	1		17.49		19.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.61	17.67	17.65	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.59	17.68	17.57	19.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.57	17.64	17.58	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.62	17.74	17.62	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.65	17.73	17.61	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.67	17.63	17.63	19.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.67	17.72	17.61	19.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.64	17.63	17.60	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.67	17.64	17.56	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.62	17.70	17.61	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.65	17.63	17.59	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.65		22.0	0.0
100	PI/2 BPSK	1	137		20.47			
100	PI/2 BPSK	1	271		20.45			
100	PI/2 BPSK	135	0		20.65		22.0	0.0
100	PI/2 BPSK	135	69		20.50		22.0	0.0
100	PI/2 BPSK	135	138		20.55		22.0	0.0
100	PI/2 BPSK	270	0		20.54			
100	QPSK	1	1		20.70		22.0	0.0
100	QPSK	1	137		20.67			
100	QPSK	1	271		20.65			
100	QPSK	135	0		20.28		22.0	0.0
100	QPSK	135	69		20.63		22.0	0.0
100	QPSK	135	138		20.47		22.0	0.0
100	QPSK	270	0		20.47			
100	16QAM	1	1		20.52		22.0	0.0
100	64QAM	1	1		20.43		22.0	0.0
100	256QAM	1	1		19.66		21.5	0.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.61	20.62	20.65	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.64	20.63	20.60	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.57	20.65	20.66	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.60	20.63	20.67	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.65	20.63	20.62	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.57	20.64	20.68	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.56	20.64	20.60	22.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.65	20.67	20.65	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.67	20.62	20.69	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.61	20.65	20.68	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.64	20.65	20.60	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	17.12	17.21	17.02	18.5	0.0
40	PI/2 BPSK	1	108	17.01	17.07	16.91		
40	PI/2 BPSK	1	214	16.93	16.98	16.92		
40	PI/2 BPSK	108	0	17.08	17.18	16.92	18.5	0.0
40	PI/2 BPSK	108	54	16.93	17.00	16.93	18.5	0.0
40	PI/2 BPSK	108	108	16.86	17.02	16.98	18.5	0.0
40	PI/2 BPSK	216	0	16.96	17.02	17.00		
40	QPSK	1	1	17.14	17.28	17.22	18.5	0.0
40	QPSK	1	108	16.99	17.21	17.07		
40	QPSK	1	214	17.00	17.14	17.02		
40	QPSK	108	0	16.77	16.84	16.81	18.5	0.0
40	QPSK	108	54	17.10	17.21	16.99	18.5	0.0
40	QPSK	108	108	16.88	16.93	16.84	18.5	0.0
40	QPSK	216	0	16.81	16.98	16.74		
40	16QAM	1	1	16.89	16.97	16.87	18.5	0.0
40	64QAM	1	1	16.86	16.94	16.78	18.5	0.0
40	256QAM	1	1	16.94	17.03	16.87	18.5	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	17.10	17.14	17.08	18.5	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	17.00	17.13	17.10	18.5	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	17.08	17.14	17.06	18.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	17.07	17.12	17.14	18.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.01	17.13	17.12	18.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.99	17.18	17.14	18.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.04	17.20	17.18	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.76	15.75	15.67	17.0	0.0
40	PI/2 BPSK	1	108	15.61	15.70	15.55		
40	PI/2 BPSK	1	214	15.55	15.61	15.51		
40	PI/2 BPSK	108	0	15.77	15.83	15.62	17.0	0.0
40	PI/2 BPSK	108	54	15.53	15.67	15.55	17.0	0.0
40	PI/2 BPSK	108	108	15.49	15.62	15.59	17.0	0.0
40	PI/2 BPSK	216	0	15.60	15.65	15.64		
40	QPSK	1	1	15.84	15.87	15.79	17.0	0.0
40	QPSK	1	108	15.59	15.81	15.68		
40	QPSK	1	214	15.62	15.80	15.74		
40	QPSK	108	0	15.42	15.52	15.44	17.0	0.0
40	QPSK	108	54	15.70	15.80	15.64	17.0	0.0
40	QPSK	108	108	15.46	15.63	15.52	17.0	0.0
40	QPSK	216	0	15.45	15.49	15.46		
40	16QAM	1	1	15.48	15.67	15.53	17.0	0.0
40	64QAM	1	1	15.54	15.62	15.43	17.0	0.0
40	256QAM	1	1	15.57	15.66	15.48	17.0	0.0
Channel				502500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	15.74	15.70	15.72	17.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.70	15.74	15.71	17.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.73	15.71	15.68	17.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.72	15.68	15.65	17.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.76	15.69	15.66	17.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.68	15.74	15.69	17.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.71	15.66	15.73	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.91	16.87	16.80	18.0	0.0
40	PI/2 BPSK	1	108	16.74	16.76	16.65		
40	PI/2 BPSK	1	214	16.76	16.80	16.57		
40	PI/2 BPSK	108	0	16.84	16.94	16.68	18.0	0.0
40	PI/2 BPSK	108	54	16.65	16.81	16.72	18.0	0.0
40	PI/2 BPSK	108	108	16.69	16.80	16.71	18.0	0.0
40	PI/2 BPSK	216	0	16.73	16.71	16.78		
40	QPSK	1	1	16.92	16.95	16.93	18.0	0.0
40	QPSK	1	108	16.76	16.85	16.81		
40	QPSK	1	214	16.78	16.87	16.77		
40	QPSK	108	0	16.51	16.58	16.61	18.0	0.0
40	QPSK	108	54	16.80	16.91	16.78	18.0	0.0
40	QPSK	108	108	16.55	16.71	16.59	18.0	0.0
40	QPSK	216	0	16.56	16.62	16.54		
40	16QAM	1	1	16.56	16.74	16.56	18.0	0.0
40	64QAM	1	1	16.59	16.70	16.57	18.0	0.0
40	256QAM	1	1	16.64	16.75	16.53	18.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	16.82	16.80	16.84	18.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.79	16.84	16.81	18.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.77	16.82	16.83	18.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.78	16.82	16.78	18.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.83	16.80	16.85	18.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.77	16.80	16.79	18.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.85	16.83	16.82	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.63	14.72	14.52	16.0	0.0
40	PI/2 BPSK	1	53	14.59	14.52	14.47		
40	PI/2 BPSK	1	104	14.46	14.60	14.43		
40	PI/2 BPSK	50	0	14.66	14.74	14.50	16.0	0.0
40	PI/2 BPSK	50	28	14.48	14.54	14.55	16.0	0.0
40	PI/2 BPSK	50	56	14.42	14.62	14.41	16.0	0.0
40	PI/2 BPSK	100	0	14.53	14.60	14.53		
40	QPSK	1	1	14.77	14.83	14.78	16.0	0.0
40	QPSK	1	53	14.61	14.67	14.67		
40	QPSK	1	104	14.61	14.71	14.65		
40	QPSK	50	0	14.30	14.41	14.44	16.0	0.0
40	QPSK	50	28	14.59	14.69	14.55	16.0	0.0
40	QPSK	50	56	14.42	14.55	14.40	16.0	0.0
40	QPSK	100	0	14.37	14.43	14.35		
40	16QAM	1	1	14.46	14.57	14.36	16.0	0.0
40	64QAM	1	1	14.46	14.54	14.37	16.0	0.0
40	256QAM	1	1	14.40	14.52	14.44	16.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.70	14.71	14.64	16.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	14.64	14.73	14.63	16.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.67	14.67	14.72	16.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.69	14.70	14.66	16.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.66	14.79	14.74	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.90	14.95	14.80	16.5	0.0
100	PI/2 BPSK	1	137	14.78	14.76	14.67		
100	PI/2 BPSK	1	271	14.71	14.83	14.59		
100	PI/2 BPSK	135	0	14.81	14.96	14.75	16.5	0.0
100	PI/2 BPSK	135	69	14.68	14.76	14.73	16.5	0.0
100	PI/2 BPSK	135	138	14.64	14.83	14.66	16.5	0.0
100	PI/2 BPSK	270	0	14.75	14.77	14.67		
100	QPSK	1	1	14.90	15.02	14.95	16.5	0.0
100	QPSK	1	137	14.74	14.87	14.86		
100	QPSK	1	271	14.73	14.95	14.76		
100	QPSK	135	0	14.55	14.69	14.60	16.5	0.0
100	QPSK	135	69	14.91	14.99	14.89	16.5	0.0
100	QPSK	135	138	14.64	14.87	14.57	16.5	0.0
100	QPSK	270	0	14.58	14.65	14.57		
100	16QAM	1	1	14.64	14.73	14.64	16.5	0.0
100	64QAM	1	1	14.60	14.74	14.57	16.5	0.0
100	256QAM	1	1	14.63	14.76	14.56	16.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.75	14.94	14.82	16.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	14.81	14.90	14.80	16.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.85	14.94	14.81	16.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.80	14.93	14.87	16.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.81	14.95	14.90	16.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.80	14.86	14.89	16.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.78	14.90	14.87	16.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	14.75	14.87	14.83	16.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.82	14.92	14.89	16.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	14.77	14.95	14.87	16.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	14.83	14.92	14.84	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.90	17.92	17.80	19.5	0.0
100	PI/2 BPSK	1	137	17.80	17.76	17.71		
100	PI/2 BPSK	1	271	17.70	17.83	17.55		
100	PI/2 BPSK	135	0	17.76	18.00	17.74	19.5	0.0
100	PI/2 BPSK	135	69	17.62	17.70	17.79	19.5	0.0
100	PI/2 BPSK	135	138	17.66	17.82	17.69	19.5	0.0
100	PI/2 BPSK	270	0	17.70	17.79	17.68		
100	QPSK	1	1	17.90	18.05	17.93	19.5	0.0
100	QPSK	1	137	17.78	17.85	17.89		
100	QPSK	1	271	17.75	17.89	17.80		
100	QPSK	135	0	17.56	17.70	17.64	19.5	0.0
100	QPSK	135	69	17.78	17.84	17.83	19.5	0.0
100	QPSK	135	138	17.67	17.64	17.53	19.5	0.0
100	QPSK	270	0	17.62	17.66	17.62		
100	16QAM	1	1	17.69	17.77	17.70	19.5	0.0
100	64QAM	1	1	17.62	17.73	17.56	19.5	0.0
100	256QAM	1	1	17.59	17.80	17.52	19.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.85	17.98	17.86	19.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	17.85	17.90	17.88	19.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.84	17.90	17.87	19.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.85	17.92	17.84	19.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.79	17.92	17.80	19.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.86	17.96	17.88	19.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.85	17.98	17.87	19.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	17.80	17.96	17.79	19.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.78	17.91	17.81	19.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.75	17.93	17.87	19.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.80	18.01	17.79	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	17.64	17.60	17.52	18.5	0.0
40	PI/2 BPSK	1	108	17.40	17.53	17.35		
40	PI/2 BPSK	1	214	17.45	17.51	17.35		
40	PI/2 BPSK	108	0	17.57	17.59	17.44	18.5	0.0
40	PI/2 BPSK	108	54	17.38	17.45	17.40	18.5	0.0
40	PI/2 BPSK	108	108	17.34	17.54	17.39	18.5	0.0
40	PI/2 BPSK	216	0	17.44	17.49	17.41		
40	QPSK	1	1	17.63	17.74	17.72	18.5	0.0
40	QPSK	1	108	17.50	17.62	17.59		
40	QPSK	1	214	17.51	17.67	17.46		
40	QPSK	108	0	17.30	17.31	17.36	18.5	0.0
40	QPSK	108	54	17.49	17.57	17.48	18.5	0.0
40	QPSK	108	108	17.25	17.39	17.32	18.5	0.0
40	QPSK	216	0	17.26	17.44	17.19		
40	16QAM	1	1	17.30	17.46	17.38	18.5	0.0
40	64QAM	1	1	17.29	17.36	17.30	18.5	0.0
40	256QAM	1	1	17.35	17.45	17.34	18.5	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	17.54	17.63	17.67	18.5	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	17.50	17.64	17.66	18.5	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	17.50	17.60	17.62	18.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	17.57	17.66	17.57	18.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.54	17.62	17.64	18.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.53	17.63	17.58	18.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.50	17.60	17.59	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	16.68	16.74	16.69	17.2	0.0
40	PI/2 BPSK	1	108	16.60	16.59	16.59		
40	PI/2 BPSK	1	214	16.61	16.59	16.49		
40	PI/2 BPSK	108	0	16.74	16.80	16.55	17.2	0.0
40	PI/2 BPSK	108	54	16.55	16.68	16.58	17.2	0.0
40	PI/2 BPSK	108	108	16.45	16.63	16.48	17.2	0.0
40	PI/2 BPSK	216	0	16.51	16.61	16.63		
40	QPSK	1	1	16.77	16.85	16.83	17.2	0.0
40	QPSK	1	108	16.62	16.75	16.71		
40	QPSK	1	214	16.67	16.74	16.72		
40	QPSK	108	0	16.37	16.44	16.44	17.2	0.0
40	QPSK	108	54	16.71	16.73	16.63	17.2	0.0
40	QPSK	108	108	16.34	16.38	16.42	17.2	0.0
40	QPSK	216	0	16.44	16.53	16.41		
40	16QAM	1	1	16.44	16.65	16.48	17.2	0.0
40	64QAM	1	1	16.44	16.52	16.40	17.2	0.0
40	256QAM	1	1	16.57	16.64	16.42	17.2	0.0
Channel				502500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	16.68	16.73	16.75	17.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.71	16.72	16.75	17.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.73	16.64	16.69	17.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.71	16.71	16.79	17.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.73	16.73	16.69	17.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.70	16.74	16.72	17.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.66	16.64	16.67	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.75	18.78	18.63	19.2	0.0
40	PI/2 BPSK	1	108	18.55	18.59	18.45		
40	PI/2 BPSK	1	214	18.58	18.60	18.48		
40	PI/2 BPSK	108	0	18.74	18.79	18.56	19.2	0.0
40	PI/2 BPSK	108	54	18.54	18.66	18.51	19.2	0.0
40	PI/2 BPSK	108	108	18.51	18.63	18.43	19.2	0.0
40	PI/2 BPSK	216	0	18.48	18.57	18.54		
40	QPSK	1	1	18.77	18.83	18.75	19.2	0.0
40	QPSK	1	108	18.62	18.70	18.71		
40	QPSK	1	214	18.66	18.70	18.60		
40	QPSK	108	0	18.34	18.43	18.41	19.2	0.0
40	QPSK	108	54	18.63	18.76	18.56	19.2	0.0
40	QPSK	108	108	18.29	18.31	18.37	19.2	0.0
40	QPSK	216	0	18.38	18.51	18.38		
40	16QAM	1	1	18.48	18.60	18.43	19.2	0.0
40	64QAM	1	1	18.44	18.53	18.40	19.2	0.0
40	256QAM	1	1	18.46	18.55	18.40	19.2	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.73	18.69	18.66	19.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.70	18.78	18.66	19.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.69	18.76	18.62	19.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.72	18.71	18.70	19.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.63	18.76	18.68	19.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.61	18.74	18.69	19.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.73	18.76	18.69	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.27	16.31	16.10	16.7	0.0
40	PI/2 BPSK	1	53	16.08	16.15	16.11		
40	PI/2 BPSK	1	104	16.03	16.10	15.94		
40	PI/2 BPSK	50	0	16.29	16.38	16.07	16.7	0.0
40	PI/2 BPSK	50	28	16.05	16.19	16.06	16.7	0.0
40	PI/2 BPSK	50	56	16.00	16.18	16.05	16.7	0.0
40	PI/2 BPSK	100	0	16.11	16.14	16.16		
40	QPSK	1	1	16.30	16.41	16.40	16.7	0.0
40	QPSK	1	53	16.15	16.29	16.21		
40	QPSK	1	104	16.14	16.32	16.15		
40	QPSK	50	0	15.90	16.02	16.02	16.7	0.0
40	QPSK	50	28	16.15	16.30	16.21	16.7	0.0
40	QPSK	50	56	15.81	15.87	15.85	16.7	0.0
40	QPSK	100	0	15.96	16.02	15.93		
40	16QAM	1	1	15.99	16.08	16.07	16.7	0.0
40	64QAM	1	1	16.02	16.09	15.90	16.7	0.0
40	256QAM	1	1	16.07	16.15	16.00	16.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.22	16.33	16.26	16.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	16.16	16.26	16.25	16.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.20	16.25	16.26	16.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.26	16.25	16.34	16.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.16	16.34	16.34	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	15.77	15.77	15.63	16.2	0.0
100	PI/2 BPSK	1	137	15.64	15.65	15.54		
100	PI/2 BPSK	1	271	15.51	15.58	15.46		
100	PI/2 BPSK	135	0	15.74	15.72	15.61	16.2	0.0
100	PI/2 BPSK	135	69	15.51	15.65	15.55	16.2	0.0
100	PI/2 BPSK	135	138	15.47	15.64	15.52	16.2	0.0
100	PI/2 BPSK	270	0	15.58	15.60	15.54		
100	QPSK	1	1	15.76	15.88	15.78	16.2	0.0
100	QPSK	1	137	15.59	15.79	15.71		
100	QPSK	1	271	15.68	15.81	15.69		
100	QPSK	135	0	15.35	15.49	15.39	16.2	0.0
100	QPSK	135	69	15.65	15.68	15.59	16.2	0.0
100	QPSK	135	138	15.32	15.33	15.35	16.2	0.0
100	QPSK	270	0	15.56	15.58	15.46		
100	16QAM	1	1	14.39	15.46	15.39	16.2	0.0
100	64QAM	1	1	15.51	15.51	15.42	16.2	0.0
100	256QAM	1	1	15.48	15.53	15.46	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	15.62	15.74	15.67	16.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	15.65	15.74	15.65	16.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.68	15.73	15.72	16.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.62	15.82	15.72	16.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.66	15.78	15.62	16.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.66	15.76	15.63	16.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.61	15.78	15.65	16.2	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	15.70	15.80	15.73	16.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.62	15.74	15.66	16.2	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.63	15.84	15.71	16.2	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.64	15.78	15.71	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	18.71	18.81	18.68	19.5	0.0
100	PI/2 BPSK	1	137	18.60	18.61	18.59		
100	PI/2 BPSK	1	271	18.54	18.61	18.51		
100	PI/2 BPSK	135	0	18.75	18.72	18.64	19.5	0.0
100	PI/2 BPSK	135	69	18.46	18.63	18.53	19.5	0.0
100	PI/2 BPSK	135	138	18.45	18.58	18.46	19.5	0.0
100	PI/2 BPSK	270	0	18.58	18.57	18.55		
100	QPSK	1	1	18.73	18.89	18.76	19.5	0.0
100	QPSK	1	137	18.63	18.75	18.73		
100	QPSK	1	271	18.63	18.86	18.64		
100	QPSK	135	0	18.33	18.43	18.36	19.5	0.0
100	QPSK	135	69	18.59	18.68	18.61	19.5	0.0
100	QPSK	135	138	18.33	18.28	18.36	19.5	0.0
100	QPSK	270	0	18.54	18.62	18.49		
100	16QAM	1	1	18.54	18.44	18.35	19.5	0.0
100	64QAM	1	1	18.56	18.53	18.40	19.5	0.0
100	256QAM	1	1	18.49	18.55	18.46	19.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.62	18.78	18.68	19.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.58	18.82	18.69	19.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.66	18.80	18.70	19.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.63	18.80	18.62	19.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.66	18.79	18.62	19.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.69	18.81	18.61	19.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.59	18.74	18.68	19.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	18.63	18.78	18.67	19.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.65	18.79	18.70	19.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.65	18.75	18.63	19.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.61	18.76	18.69	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.90	16.82	16.75	18.0	0.0
40	PI/2 BPSK	1	53	16.75	16.75	16.69		
40	PI/2 BPSK	1	104	16.73	16.77	16.56		
40	PI/2 BPSK	50	0	16.89	16.88	16.68	18.0	0.0
40	PI/2 BPSK	50	28	16.69	16.78	16.67	18.0	0.0
40	PI/2 BPSK	50	56	16.65	16.81	16.60	18.0	0.0
40	PI/2 BPSK	100	0	16.73	16.75	16.74		
40	QPSK	1	1	16.86	17.01	16.89	18.0	0.0
40	QPSK	1	53	16.77	16.84	16.85		
40	QPSK	1	104	16.70	16.90	16.82		
40	QPSK	50	0	16.51	16.58	16.56	18.0	0.0
40	QPSK	50	28	16.83	16.92	16.78	18.0	0.0
40	QPSK	50	56	16.45	16.42	16.55	18.0	0.0
40	QPSK	100	0	16.69	16.75	16.57		
40	16QAM	1	1	16.24	16.54	16.63	18.0	0.0
40	64QAM	1	1	16.64	16.67	16.55	18.0	0.0
40	256QAM	1	1	16.60	16.72	16.57	18.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.74	16.97	16.75	18.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	16.80	16.97	16.79	18.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.76	16.93	16.82	18.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.76	16.95	16.75	18.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.80	16.88	16.73	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.01	17.12	16.90	18.0	0.0
100	PI/2 BPSK	1	137	16.87	16.93	16.89		
100	PI/2 BPSK	1	271	16.81	16.97	16.82		
100	PI/2 BPSK	135	0	17.01	17.13	16.90	18.0	0.0
100	PI/2 BPSK	135	69	16.80	16.94	16.93	18.0	0.0
100	PI/2 BPSK	135	138	16.80	17.00	16.83	18.0	0.0
100	PI/2 BPSK	270	0	16.83	16.87	16.86		
100	QPSK	1	1	17.07	17.18	17.09	18.0	0.0
100	QPSK	1	137	16.98	17.09	16.97		
100	QPSK	1	271	16.97	17.07	17.00		
100	QPSK	135	0	16.71	16.75	16.78	18.0	0.0
100	QPSK	135	69	16.94	17.08	16.91	18.0	0.0
100	QPSK	135	138	16.58	16.64	16.66	18.0	0.0
100	QPSK	270	0	16.88	16.89	16.80		
100	16QAM	1	1	16.72	16.77	16.72	18.0	0.0
100	64QAM	1	1	16.74	16.81	16.75	18.0	0.0
100	256QAM	1	1	16.81	16.88	16.73	18.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.93	17.06	17.01	18.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	16.97	17.05	17.01	18.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.02	17.11	17.01	18.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.95	17.12	16.95	18.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.93	17.12	16.96	18.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.02	17.05	16.99	18.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.94	17.04	16.98	18.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	16.98	17.07	16.94	18.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.02	17.04	16.97	18.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.98	17.06	16.93	18.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.02	17.10	17.02	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.06	20.09	19.94	21.0	0.0
100	PI/2 BPSK	1	137	19.89	19.91	19.83		
100	PI/2 BPSK	1	271	19.79	20.00	19.77		
100	PI/2 BPSK	135	0	20.06	20.18	19.88	21.0	0.0
100	PI/2 BPSK	135	69	19.83	19.97	19.90	21.0	0.0
100	PI/2 BPSK	135	138	19.79	19.95	19.78	21.0	0.0
100	PI/2 BPSK	270	0	19.83	19.91	19.83		
100	QPSK	1	1	20.11	20.21	20.10	21.0	0.0
100	QPSK	1	137	20.01	20.04	20.00		
100	QPSK	1	271	20.01	20.08	20.01		
100	QPSK	135	0	19.73	19.74	19.73	21.0	0.0
100	QPSK	135	69	19.92	20.06	19.94	21.0	0.0
100	QPSK	135	138	19.54	19.63	19.65	21.0	0.0
100	QPSK	270	0	19.89	19.94	19.77		
100	16QAM	1	1	19.72	19.79	19.71	21.0	0.0
100	64QAM	1	1	19.74	19.82	19.71	21.0	0.0
100	256QAM	1	1	19.79	19.87	19.78	21.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.02	20.15	19.96	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	20.05	20.09	20.00	21.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.98	20.14	19.94	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.02	20.16	20.03	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.06	20.10	20.04	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.01	20.06	19.97	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.00	20.15	19.97	21.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.97	20.12	19.97	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.96	20.16	20.00	21.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.99	20.15	19.97	21.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.02	20.06	20.05	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	20.18	20.21	20.05	21.5	0.0
40	PI/2 BPSK	1	108	20.05	20.04	19.88		
40	PI/2 BPSK	1	214	19.93	20.07	19.83		
40	PI/2 BPSK	108	0	20.13	20.17	20.06	21.5	0.0
40	PI/2 BPSK	108	54	20.09	20.02	20.07	21.5	0.0
40	PI/2 BPSK	108	108	19.91	20.14	19.95	21.5	0.0
40	PI/2 BPSK	216	0	20.12	19.98	20.00		
40	QPSK	1	1	20.31	20.38	20.36	21.5	0.0
40	QPSK	1	108	20.11	20.19	20.23		
40	QPSK	1	214	20.01	20.33	20.06		
40	QPSK	108	0	19.80	19.92	19.95	21.5	0.0
40	QPSK	108	54	20.13	20.23	20.19	21.5	0.0
40	QPSK	108	108	19.78	19.85	19.71	21.5	0.0
40	QPSK	216	0	19.91	20.02	19.98		
40	16QAM	1	1	19.86	19.90	19.89	21.5	0.0
40	64QAM	1	1	19.98	19.91	19.86	21.5	0.0
40	256QAM	1	1	19.38	19.44	19.42	21.0	0.5
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.28	20.27	20.32	21.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.22	20.31	20.24	21.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.24	20.15	20.25	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.12	20.21	20.25	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.29	20.23	20.25	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.22	20.15	20.19	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.26	20.21	20.28	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.38	21.37	21.25	22.5	0.0
40	PI/2 BPSK	1	108	21.21	21.25	21.19		
40	PI/2 BPSK	1	214	21.21	21.24	21.06		
40	PI/2 BPSK	108	0	21.42	21.45	21.18	22.5	0.0
40	PI/2 BPSK	108	54	21.14	21.27	21.18	22.5	0.0
40	PI/2 BPSK	108	108	21.21	21.28	21.14	22.5	0.0
40	PI/2 BPSK	216	0	21.17	21.24	21.23		
40	QPSK	1	1	21.39	21.55	21.43	22.5	0.0
40	QPSK	1	108	21.23	21.39	21.32		
40	QPSK	1	214	21.25	21.43	21.30		
40	QPSK	108	0	21.07	21.10	21.10	22.5	0.0
40	QPSK	108	54	21.28	21.42	21.25	22.5	0.0
40	QPSK	108	108	21.15	21.28	21.10	22.5	0.0
40	QPSK	216	0	21.06	21.15	21.08		
40	16QAM	1	1	21.16	21.31	21.10	22.5	0.0
40	64QAM	1	1	21.13	21.19	21.07	22.5	0.0
40	256QAM	1	1	19.49	19.56	19.46	21.0	1.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.28	21.49	21.36	22.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.23	21.39	21.27	22.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.35	21.40	21.38	22.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.31	21.42	21.31	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	21.31	21.42	21.28	22.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.32	21.49	21.36	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	21.24	21.50	21.36	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	20.26	20.30	20.24	21.0	0.0
40	PI/2 BPSK	1	53	20.11	20.24	20.14		
40	PI/2 BPSK	1	104	20.13	20.15	19.99		
40	PI/2 BPSK	50	0	20.34	20.33	20.12	21.0	0.0
40	PI/2 BPSK	50	28	20.18	20.27	20.10	21.0	0.0
40	PI/2 BPSK	50	56	20.06	20.25	20.12	21.0	0.0
40	PI/2 BPSK	100	0	20.20	20.20	20.14		
40	QPSK	1	1	20.37	20.46	20.38	21.0	0.0
40	QPSK	1	53	20.23	20.36	20.24		
40	QPSK	1	104	20.26	20.36	20.23		
40	QPSK	50	0	19.96	20.06	19.99	21.0	0.0
40	QPSK	50	28	20.27	20.36	20.26	21.0	0.0
40	QPSK	50	56	19.99	20.14	20.07	21.0	0.0
40	QPSK	100	0	19.99	20.08	20.01		
40	16QAM	1	1	20.08	20.13	20.09	21.0	0.0
40	64QAM	1	1	20.07	20.08	20.00	21.0	0.0
40	256QAM	1	1	19.10	19.14	19.08	21.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.24	20.32	20.32	21.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.33	20.39	20.23	21.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.24	20.36	20.22	21.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.33	20.39	20.30	21.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.83	19.89	19.80	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.85	19.91	19.76	21.0	0.0
100	PI/2 BPSK	1	137	19.73	19.83	19.65		
100	PI/2 BPSK	1	271	19.68	19.77	19.54		
100	PI/2 BPSK	135	0	19.88	19.91	19.69	21.0	0.0
100	PI/2 BPSK	135	69	19.65	19.81	19.66	21.0	0.0
100	PI/2 BPSK	135	138	19.70	19.77	19.64	21.0	0.0
100	PI/2 BPSK	270	0	19.74	19.70	19.67		
100	QPSK	1	1	19.89	20.01	19.96	21.0	0.0
100	QPSK	1	137	19.79	19.91	19.89		
100	QPSK	1	271	19.83	19.96	19.81		
100	QPSK	135	0	19.57	19.61	19.57	21.0	0.0
100	QPSK	135	69	19.86	19.91	19.78	21.0	0.0
100	QPSK	135	138	19.63	19.71	19.62	21.0	0.0
100	QPSK	270	0	19.53	19.72	19.55		
100	16QAM	1	1	19.57	19.71	19.61	21.0	0.0
100	64QAM	1	1	19.57	19.68	19.56	21.0	0.0
100	256QAM	1	1	19.82	19.86	19.78	21.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.79	19.89	19.85	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.77	19.86	19.86	21.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.77	19.89	19.84	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.78	19.86	19.88	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.78	19.85	19.86	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.78	19.88	19.87	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.81	19.88	19.85	21.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.79	19.86	19.85	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.76	19.88	19.84	21.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.76	19.85	19.85	21.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.82	19.87	19.84	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.93	23.10	22.95	24.0	0.0
100	PI/2 BPSK	1	137	22.94	23.12	22.97		
100	PI/2 BPSK	1	271	22.89	23.08	22.99		
100	PI/2 BPSK	135	0	22.91	23.09	22.98	24.0	0.0
100	PI/2 BPSK	135	69	22.93	23.08	22.98	24.0	0.0
100	PI/2 BPSK	135	138	22.92	23.08	22.99	24.0	0.0
100	PI/2 BPSK	270	0	22.91	23.09	22.94		
100	QPSK	1	1	22.93	23.09	22.97	24.0	0.0
100	QPSK	1	137	22.91	23.06	22.97		
100	QPSK	1	271	22.94	23.08	22.99		
100	QPSK	135	0	22.95	23.06	23.00	24.0	0.0
100	QPSK	135	69	22.91	23.09	22.95	24.0	0.0
100	QPSK	135	138	22.90	23.08	22.94	24.0	0.0
100	QPSK	270	0	22.89	23.07	23.00		
100	16QAM	1	1	22.90	23.06	22.98	24.0	0.0
100	64QAM	1	1	22.91	23.11	22.98	24.0	0.0
100	256QAM	1	1	20.78	20.79	20.81	22.0	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.83	22.99	22.87	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.81	23.02	22.89	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.80	23.00	22.88	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.86	23.02	22.87	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.84	22.99	22.87	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.85	22.97	22.85	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.84	22.99	22.87	24.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.82	23.00	22.84	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.80	22.97	22.87	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.84	22.99	22.88	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.85	22.96	22.85	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	13.17	13.20	13.08	14.0	0.0
40	PI/2 BPSK	1	53	13.06	13.08	13.03		
40	PI/2 BPSK	1	104	12.97	13.07	12.91		
40	PI/2 BPSK	50	0	13.15	13.18	12.98	14.0	0.0
40	PI/2 BPSK	50	28	12.94	13.11	13.06	14.0	0.0
40	PI/2 BPSK	50	56	12.90	13.15	12.96	14.0	0.0
40	PI/2 BPSK	100	0	12.96	13.08	13.03		
40	QPSK	1	1	13.24	13.27	13.23	14.0	0.0
40	QPSK	1	53	13.10	13.21	13.20		
40	QPSK	1	104	13.12	13.22	13.07		
40	QPSK	50	0	12.82	12.96	12.85	14.0	0.0
40	QPSK	50	28	13.07	13.23	13.12	14.0	0.0
40	QPSK	50	56	12.82	12.80	12.76	14.0	0.0
40	QPSK	100	0	12.97	12.98	12.89		
40	16QAM	1	1	12.84	12.97	12.96	14.0	0.0
40	64QAM	1	1	12.95	13.04	12.82	14.0	0.0
40	256QAM	1	1	13.02	13.07	12.90	14.0	0.0
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	13.17	13.13	13.15	14.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	13.14	13.15	13.14	14.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	13.12	13.12	13.13	14.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	13.13	13.16	13.13	14.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.82	12.74	12.67	13.5	0.0
100	PI/2 BPSK	1	137	12.64	12.62	12.61		
100	PI/2 BPSK	1	271	12.61	12.72	12.51		
100	PI/2 BPSK	135	0	12.79	12.89	12.60	13.5	0.0
100	PI/2 BPSK	135	69	12.58	12.71	12.65	13.5	0.0
100	PI/2 BPSK	135	138	12.53	12.69	12.57	13.5	0.0
100	PI/2 BPSK	270	0	12.59	12.67	12.59		
100	QPSK	1	1	12.84	12.91	12.83	13.5	0.0
100	QPSK	1	137	12.64	12.76	12.79		
100	QPSK	1	271	12.71	12.86	12.75		
100	QPSK	135	0	12.43	12.57	12.47	13.5	0.0
100	QPSK	135	69	12.75	12.84	12.69	13.5	0.0
100	QPSK	135	138	12.36	12.38	12.35	13.5	0.0
100	QPSK	270	0	12.60	12.62	12.56		
100	16QAM	1	1	12.41	12.53	12.50	13.5	0.0
100	64QAM	1	1	12.50	12.61	12.51	13.5	0.0
100	256QAM	1	1	12.53	12.62	12.51	13.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	12.75	12.79	12.78	13.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	12.70	12.78	12.68	13.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.76	12.81	12.74	13.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	12.69	12.73	12.73	13.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	12.71	12.83	12.68	13.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.75	12.75	12.76	13.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	12.80	12.74	12.70	13.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	12.71	12.81	12.70	13.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	12.75	12.75	12.74	13.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	12.75	12.74	12.76	13.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	12.68	12.75	12.75	13.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.71	15.69	15.64	17.0	0.0
100	PI/2 BPSK	1	137	15.61	15.59	15.54		
100	PI/2 BPSK	1	271	15.51	15.63	15.50		
100	PI/2 BPSK	135	0	15.75	15.81	15.59	17.0	0.0
100	PI/2 BPSK	135	69	15.56	15.66	15.57	17.0	0.0
100	PI/2 BPSK	135	138	15.52	15.68	15.53	17.0	0.0
100	PI/2 BPSK	270	0	15.57	15.57	15.47		
100	QPSK	1	1	15.82	15.84	15.74	17.0	0.0
100	QPSK	1	137	15.62	15.75	15.77		
100	QPSK	1	271	15.61	15.83	15.65		
100	QPSK	135	0	15.33	15.56	15.43	17.0	0.0
100	QPSK	135	69	15.65	15.77	15.62	17.0	0.0
100	QPSK	135	138	15.26	15.32	15.34	17.0	0.0
100	QPSK	270	0	15.53	15.59	15.44		
100	16QAM	1	1	15.33	15.45	15.41	17.0	0.0
100	64QAM	1	1	15.48	15.54	15.42	17.0	0.0
100	256QAM	1	1	15.49	15.55	15.40	17.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.77	15.73	15.67	17.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.68	15.78	15.64	17.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.66	15.71	15.68	17.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.71	15.74	15.63	17.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.68	15.80	15.68	17.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.75	15.71	15.62	17.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.70	15.71	15.68	17.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.71	15.74	15.59	17.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.69	15.75	15.65	17.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.78	15.69	15.62	17.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.73	15.71	15.69	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		12.69		13.5	0.0
100	PI/2 BPSK	1	137		12.49			
100	PI/2 BPSK	1	271		12.60			
100	PI/2 BPSK	135	0		12.75		13.5	0.0
100	PI/2 BPSK	135	69		12.56		13.5	0.0
100	PI/2 BPSK	135	138		12.60		13.5	0.0
100	PI/2 BPSK	270	0		12.62			
100	QPSK	1	1		12.82		13.5	0.0
100	QPSK	1	137		12.64			
100	QPSK	1	271		12.79			
100	QPSK	135	0		12.48		13.5	0.0
100	QPSK	135	69		12.75		13.5	0.0
100	QPSK	135	138		12.26		13.5	0.0
100	QPSK	270	0		12.50			
100	16QAM	1	1		12.42		13.5	0.0
100	64QAM	1	1		12.54		13.5	0.0
100	256QAM	1	1		12.48		13.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	12.71	12.65	12.74	13.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	12.61	12.67	12.71	13.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	12.61	12.69	12.65	13.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	12.63	12.64	12.70	13.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	12.67	12.69	12.65	13.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	12.62	12.63	12.65	13.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	12.63	12.68	12.68	13.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	12.61	12.71	12.67	13.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	12.71	12.69	12.68	13.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	12.67	12.74	12.65	13.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	12.60	12.68	12.71	13.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.60		17.0	0.0
100	PI/2 BPSK	1	137		15.55			
100	PI/2 BPSK	1	271		15.53			
100	PI/2 BPSK	135	0		15.67		17.0	0.0
100	PI/2 BPSK	135	69		15.53		17.0	0.0
100	PI/2 BPSK	135	138		15.54		17.0	0.0
100	PI/2 BPSK	270	0		15.48			
100	QPSK	1	1		15.73		17.0	0.0
100	QPSK	1	137		15.61			
100	QPSK	1	271		15.71			
100	QPSK	135	0		15.43		17.0	0.0
100	QPSK	135	69		15.67		17.0	0.0
100	QPSK	135	138		15.16		17.0	0.0
100	QPSK	270	0		15.49			
100	16QAM	1	1		15.29		17.0	0.0
100	64QAM	1	1		15.44		17.0	0.0
100	256QAM	1	1		15.42		17.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.63	15.63	15.54	17.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.67	15.65	15.56	17.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.65	15.58	15.57	17.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.68	15.67	15.60	17.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.62	15.60	15.58	17.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.67	15.61	15.51	17.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.64	15.58	15.60	17.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.65	15.63	15.54	17.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.63	15.63	15.63	17.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.68	15.58	15.60	17.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.71	15.68	15.53	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		12.15		13.0	0.0
100	PI/2 BPSK	1	137		12.04			
100	PI/2 BPSK	1	271		12.05			
100	PI/2 BPSK	135	0		12.16		13.0	0.0
100	PI/2 BPSK	135	69		12.09		13.0	0.0
100	PI/2 BPSK	135	138		12.06		13.0	0.0
100	PI/2 BPSK	270	0		12.00			
100	QPSK	1	1		12.26		13.0	0.0
100	QPSK	1	137		12.13			
100	QPSK	1	271		12.24			
100	QPSK	135	0		11.85		13.0	0.0
100	QPSK	135	69		12.15		13.0	0.0
100	QPSK	135	138		11.79		13.0	0.0
100	QPSK	270	0		11.96			
100	16QAM	1	1		11.89		13.0	0.0
100	64QAM	1	1		11.99		13.0	0.0
100	256QAM	1	1		12.04		13.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	12.15	12.13	12.12	13.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	12.10	12.22	12.10	13.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	12.15	12.17	12.13	13.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	12.13	12.22	12.09	13.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	12.17	12.20	12.17	13.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	12.15	12.22	12.12	13.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	12.11	12.12	12.10	13.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	12.17	12.15	12.16	13.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	12.09	12.19	12.11	13.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	12.16	12.20	12.18	13.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	12.12	12.17	12.16	13.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.21		16.5	0.0
100	PI/2 BPSK	1	137		15.08			
100	PI/2 BPSK	1	271		15.01			
100	PI/2 BPSK	135	0		15.12		16.5	0.0
100	PI/2 BPSK	135	69		15.10		16.5	0.0
100	PI/2 BPSK	135	138		15.08		16.5	0.0
100	PI/2 BPSK	270	0		15.05			
100	QPSK	1	1		15.29		16.5	0.0
100	QPSK	1	137		15.11			
100	QPSK	1	271		15.22			
100	QPSK	135	0		14.91		16.5	0.0
100	QPSK	135	69		15.18		16.5	0.0
100	QPSK	135	138		14.73		16.5	0.0
100	QPSK	270	0		14.97			
100	16QAM	1	1		14.92		16.5	0.0
100	64QAM	1	1		14.99		16.5	0.0
100	256QAM	1	1		15.08		16.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.14	15.18	15.17	16.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.16	15.15	15.12	16.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.12	15.12	15.08	16.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.18	15.15	15.15	16.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.19	15.11	15.16	16.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.11	15.16	15.10	16.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.10	15.18	15.12	16.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.15	15.08	15.07	16.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.15	15.17	15.07	16.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.17	15.09	15.09	16.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.16	15.13	15.07	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		12.24		13.0	0.0
100	PI/2 BPSK	1	137		12.16			
100	PI/2 BPSK	1	271		12.08			
100	PI/2 BPSK	135	0		12.30		13.0	0.0
100	PI/2 BPSK	135	69		12.14		13.0	0.0
100	PI/2 BPSK	135	138		12.18		13.0	0.0
100	PI/2 BPSK	270	0		12.12			
100	QPSK	1	1		12.33		13.0	0.0
100	QPSK	1	137		12.21			
100	QPSK	1	271		12.30			
100	QPSK	135	0		11.96		13.0	0.0
100	QPSK	135	69		12.25		13.0	0.0
100	QPSK	135	138		11.79		13.0	0.0
100	QPSK	270	0		11.99			
100	16QAM	1	1		11.89		13.0	0.0
100	64QAM	1	1		12.02		13.0	0.0
100	256QAM	1	1		12.01		13.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	12.23	12.23	12.15	13.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	12.24	12.18	12.18	13.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	12.23	12.25	12.18	13.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	12.18	12.26	12.13	13.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	12.23	12.20	12.18	13.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	12.23	12.19	12.17	13.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	12.13	12.28	12.20	13.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	12.23	12.21	12.15	13.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	12.14	12.28	12.17	13.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	12.19	12.28	12.14	13.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	12.13	12.20	12.14	13.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.27		16.5	0.0
100	PI/2 BPSK	1	137		15.21			
100	PI/2 BPSK	1	271		15.03			
100	PI/2 BPSK	135	0		15.24		16.5	0.0
100	PI/2 BPSK	135	69		15.11		16.5	0.0
100	PI/2 BPSK	135	138		15.14		16.5	0.0
100	PI/2 BPSK	270	0		15.16			
100	QPSK	1	1		15.37		16.5	0.0
100	QPSK	1	137		15.26			
100	QPSK	1	271		15.36			
100	QPSK	135	0		14.97		16.5	0.0
100	QPSK	135	69		15.22		16.5	0.0
100	QPSK	135	138		14.85		16.5	0.0
100	QPSK	270	0		14.98			
100	16QAM	1	1		14.86		16.5	0.0
100	64QAM	1	1		15.07		16.5	0.0
100	256QAM	1	1		14.98		16.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.21	15.24	15.14	16.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.22	15.21	15.18	16.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.19	15.20	15.15	16.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.23	15.23	15.20	16.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.19	15.25	15.13	16.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.19	15.17	15.13	16.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.26	15.23	15.17	16.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.24	15.23	15.14	16.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.21	15.18	15.12	16.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.24	15.27	15.20	16.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.22	15.23	15.15	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	17.42	17.51	17.38	19.0	0.0
40	PI/2 BPSK	1	53	17.33	17.39	17.31		
40	PI/2 BPSK	1	104	17.24	17.32	17.19		
40	PI/2 BPSK	50	0	17.41	17.57	17.31	19.0	0.0
40	PI/2 BPSK	50	28	17.25	17.33	17.26	19.0	0.0
40	PI/2 BPSK	50	56	17.26	17.39	17.29	19.0	0.0
40	PI/2 BPSK	100	0	17.26	17.34	17.36		
40	QPSK	1	1	17.56	17.58	17.49	19.0	0.0
40	QPSK	1	53	17.38	17.44	17.38		
40	QPSK	1	104	17.39	17.56	17.34		
40	QPSK	50	0	17.12	17.16	17.17	19.0	0.0
40	QPSK	50	28	17.32	17.53	17.36	19.0	0.0
40	QPSK	50	56	17.02	17.13	17.08	19.0	0.0
40	QPSK	100	0	17.22	17.25	17.20		
40	16QAM	1	1	17.12	17.17	17.18	19.0	0.0
40	64QAM	1	1	17.21	17.28	17.09	19.0	0.0
40	256QAM	1	1	17.18	17.30	17.14	19.0	0.0
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	17.40	17.42	17.24	19.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.31	17.38	17.33	19.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.32	17.43	17.24	19.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.37	17.32	17.28	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.05	15.00	14.94	16.0	0.0
100	PI/2 BPSK	1	137	14.82	14.83	14.75		
100	PI/2 BPSK	1	271	14.79	14.91	14.70		
100	PI/2 BPSK	135	0	15.00	15.08	14.85	16.0	0.0
100	PI/2 BPSK	135	69	14.75	14.85	14.82	16.0	0.0
100	PI/2 BPSK	135	138	14.76	14.90	14.75	16.0	0.0
100	PI/2 BPSK	270	0	14.87	14.90	14.81		
100	QPSK	1	1	15.01	15.14	15.13	16.0	0.0
100	QPSK	1	137	14.86	15.02	15.01		
100	QPSK	1	271	14.90	15.08	14.87		
100	QPSK	135	0	14.62	14.72	14.67	16.0	0.0
100	QPSK	135	69	14.87	14.97	14.90	16.0	0.0
100	QPSK	135	138	14.59	14.60	14.66	16.0	0.0
100	QPSK	270	0	14.79	14.88	14.70		
100	16QAM	1	1	14.61	14.73	14.77	16.0	0.0
100	64QAM	1	1	14.74	14.85	14.73	16.0	0.0
100	256QAM	1	1	14.71	14.84	14.72	16.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.86	15.07	14.99	16.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	14.96	15.08	15.09	16.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.97	15.06	15.07	16.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	14.87	15.05	15.06	16.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.95	15.04	14.97	16.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.98	15.04	15.00	16.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.84	15.05	14.97	16.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	14.90	15.03	15.04	16.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	14.96	15.02	15.02	16.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	14.92	15.08	14.98	16.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.84	15.00	14.97	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.01	17.99	17.89	19.0	0.0
100	PI/2 BPSK	1	137	17.86	17.89	17.78		
100	PI/2 BPSK	1	271	17.75	17.95	17.74		
100	PI/2 BPSK	135	0	17.97	18.09	17.89	19.0	0.0
100	PI/2 BPSK	135	69	17.80	17.90	17.81	19.0	0.0
100	PI/2 BPSK	135	138	17.80	17.94	17.81	19.0	0.0
100	PI/2 BPSK	270	0	17.85	17.90	17.77		
100	QPSK	1	1	18.00	18.16	18.06	19.0	0.0
100	QPSK	1	137	17.92	18.02	17.98		
100	QPSK	1	271	17.86	18.04	17.92		
100	QPSK	135	0	17.63	17.66	17.66	19.0	0.0
100	QPSK	135	69	17.91	17.97	17.90	19.0	0.0
100	QPSK	135	138	17.65	17.57	17.68	19.0	0.0
100	QPSK	270	0	17.80	17.91	17.73		
100	16QAM	1	1	17.64	17.70	17.81	19.0	0.0
100	64QAM	1	1	17.77	17.87	17.75	19.0	0.0
100	256QAM	1	1	17.66	17.86	17.69	19.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.94	18.01	18.02	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.86	18.12	17.97	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.92	18.09	18.03	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.89	18.06	17.92	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.90	18.04	18.00	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.95	18.03	17.91	19.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.97	18.00	17.97	19.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.92	18.08	18.01	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.91	18.03	17.95	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.85	18.10	17.93	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.92	18.11	17.98	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.09		16.0	0.0
100	PI/2 BPSK	1	137		15.01			
100	PI/2 BPSK	1	271		14.92			
100	PI/2 BPSK	135	0		15.13		16.0	0.0
100	PI/2 BPSK	135	69		15.02		16.0	0.0
100	PI/2 BPSK	135	138		14.94		16.0	0.0
100	PI/2 BPSK	270	0		14.94			
100	QPSK	1	1		15.21		16.0	0.0
100	QPSK	1	137		15.11			
100	QPSK	1	271		15.14			
100	QPSK	135	0		14.90		16.0	0.0
100	QPSK	135	69		15.13		16.0	0.0
100	QPSK	135	138		14.70		16.0	0.0
100	QPSK	270	0		14.99			
100	16QAM	1	1		14.82		16.0	0.0
100	64QAM	1	1		14.89		16.0	0.0
100	256QAM	1	1		14.89		16.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.11	15.14	14.99	16.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.13	15.13	15.08	16.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.07	15.16	15.03	16.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.07	15.16	15.06	16.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.02	15.12	15.04	16.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.08	15.09	15.04	16.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.09	15.14	15.04	16.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.06	15.13	15.03	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.00	15.10	14.98	16.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.00	15.15	15.00	16.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.10	15.11	15.05	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.14		19.0	0.0
100	PI/2 BPSK	1	137		18.02			
100	PI/2 BPSK	1	271		17.96			
100	PI/2 BPSK	135	0		18.17		19.0	0.0
100	PI/2 BPSK	135	69		18.03		19.0	0.0
100	PI/2 BPSK	135	138		17.99		19.0	0.0
100	PI/2 BPSK	270	0		17.87			
100	QPSK	1	1		18.22		19.0	0.0
100	QPSK	1	137		18.16			
100	QPSK	1	271		18.15			
100	QPSK	135	0		17.95		19.0	0.0
100	QPSK	135	69		18.17		19.0	0.0
100	QPSK	135	138		17.74		19.0	0.0
100	QPSK	270	0		18.05			
100	16QAM	1	1		17.88		19.0	0.0
100	64QAM	1	1		17.86		19.0	0.0
100	256QAM	1	1		17.94		19.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.14	18.17	18.04	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.15	18.18	17.93	19.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.08	18.09	18.01	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.09	18.13	17.97	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.14	18.15	17.94	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.09	18.12	17.96	19.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.15	18.19	18.06	19.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.15	18.14	18.06	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.11	18.14	17.98	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.07	18.19	17.93	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.07	18.08	18.03	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		14.95		16.0	0.0
100	PI/2 BPSK	1	137		14.88			
100	PI/2 BPSK	1	271		14.81			
100	PI/2 BPSK	135	0		15.03		16.0	0.0
100	PI/2 BPSK	135	69		14.82		16.0	0.0
100	PI/2 BPSK	135	138		14.87		16.0	0.0
100	PI/2 BPSK	270	0		14.84			
100	QPSK	1	1		15.13		16.0	0.0
100	QPSK	1	137		15.01			
100	QPSK	1	271		15.00			
100	QPSK	135	0		14.77		16.0	0.0
100	QPSK	135	69		15.01		16.0	0.0
100	QPSK	135	138		14.59		16.0	0.0
100	QPSK	270	0		14.84			
100	16QAM	1	1		14.76		16.0	0.0
100	64QAM	1	1		14.81		16.0	0.0
100	256QAM	1	1		14.78		16.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.02	15.06	14.93	16.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.03	15.01	14.99	16.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.98	15.04	14.92	16.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.99	15.05	14.95	16.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.07	15.08	14.90	16.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.03	15.06	14.96	16.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.00	15.08	14.99	16.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	14.97	15.04	14.92	16.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.99	15.06	15.00	16.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.04	15.09	14.89	16.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.06	15.10	14.91	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.93		19.0	0.0
100	PI/2 BPSK	1	137		17.87			
100	PI/2 BPSK	1	271		17.78			
100	PI/2 BPSK	135	0		18.01		19.0	0.0
100	PI/2 BPSK	135	69		17.87		19.0	0.0
100	PI/2 BPSK	135	138		17.81		19.0	0.0
100	PI/2 BPSK	270	0		17.90			
100	QPSK	1	1		18.14		19.0	0.0
100	QPSK	1	137		18.08			
100	QPSK	1	271		18.00			
100	QPSK	135	0		17.70		19.0	0.0
100	QPSK	135	69		17.98		19.0	0.0
100	QPSK	135	138		17.64		19.0	0.0
100	QPSK	270	0		17.79			
100	16QAM	1	1		17.82		19.0	0.0
100	64QAM	1	1		17.75		19.0	0.0
100	256QAM	1	1		17.81		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.00	18.05	17.86	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.06	18.02	17.86	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.98	18.06	17.92	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.96	18.04	17.95	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.09	18.09	17.90	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.02	18.05	17.92	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.03	18.05	17.94	19.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.99	17.99	17.97	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.00	18.01	17.87	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.00	18.03	17.98	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.06	18.12	17.90	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.93		16.0	0.0
100	PI/2 BPSK	1	137		14.85			
100	PI/2 BPSK	1	271		14.84			
100	PI/2 BPSK	135	0		15.05		16.0	0.0
100	PI/2 BPSK	135	69		14.91		16.0	0.0
100	PI/2 BPSK	135	138		14.93		16.0	0.0
100	PI/2 BPSK	270	0		14.82			
100	QPSK	1	1		15.08		16.0	0.0
100	QPSK	1	137		15.02			
100	QPSK	1	271		14.99			
100	QPSK	135	0		14.87		16.0	0.0
100	QPSK	135	69		15.04		16.0	0.0
100	QPSK	135	138		14.57		16.0	0.0
100	QPSK	270	0		14.85			
100	16QAM	1	1		14.72		16.0	0.0
100	64QAM	1	1		14.82		16.0	0.0
100	256QAM	1	1		14.81		16.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.85	14.96	15.05	16.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.92	15.03	15.00	16.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.89	15.02	14.99	16.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.92	14.92	14.98	16.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.85	14.95	14.98	16.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.98	14.91	15.03	16.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.90	14.99	14.91	16.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	14.88	15.00	15.03	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.84	14.97	14.99	16.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.89	15.02	14.94	16.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.88	15.04	15.02	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.86		19.0	0.0
100	PI/2 BPSK	1	137		17.86			
100	PI/2 BPSK	1	271		17.84			
100	PI/2 BPSK	135	0		18.10		19.0	0.0
100	PI/2 BPSK	135	69		17.89		19.0	0.0
100	PI/2 BPSK	135	138		17.99		19.0	0.0
100	PI/2 BPSK	270	0		17.82			
100	QPSK	1	1		18.11		19.0	0.0
100	QPSK	1	137		18.05			
100	QPSK	1	271		18.01			
100	QPSK	135	0		17.65		19.0	0.0
100	QPSK	135	69		18.00		19.0	0.0
100	QPSK	135	138		17.50		19.0	0.0
100	QPSK	270	0		17.83			
100	16QAM	1	1		17.69		19.0	0.0
100	64QAM	1	1		17.86		19.0	0.0
100	256QAM	1	1		17.86		19.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.86	17.96	18.09	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.89	17.96	18.06	19.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.79	17.99	18.05	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.90	18.02	18.02	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.90	17.97	18.06	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.86	17.98	18.07	19.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.83	17.89	18.09	19.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.92	18.00	18.06	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.85	17.93	18.02	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.80	17.92	17.98	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.88	17.91	18.03	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	16.09	16.14	16.11	17.5	0.0
40	PI/2 BPSK	1	53	16.17	16.18	16.06		
40	PI/2 BPSK	1	104	16.11	16.20	16.06		
40	PI/2 BPSK	50	0	16.16	16.16	16.08	17.5	0.0
40	PI/2 BPSK	50	28	16.12	16.15	16.02	17.5	0.0
40	PI/2 BPSK	50	56	16.18	16.11	16.08	17.5	0.0
40	PI/2 BPSK	100	0	16.08	16.15	16.02		
40	QPSK	1	1	16.16	16.23	16.07	17.5	0.0
40	QPSK	1	53	16.16	16.20	16.11		
40	QPSK	1	104	16.10	16.11	16.05		
40	QPSK	50	0	16.13	16.19	16.11	17.5	0.0
40	QPSK	50	28	16.15	16.20	16.07	17.5	0.0
40	QPSK	50	56	16.09	16.12	16.09	17.5	0.0
40	QPSK	100	0	16.14	16.15	16.04		
40	16QAM	1	1	16.13	16.16	16.05	17.5	0.0
40	64QAM	1	1	16.09	16.12	16.12	17.5	0.0
40	256QAM	1	1	16.19	16.16	16.08	17.5	0.0
Channel				637668	641666	645664	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	16.11	16.16	15.94	17.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	16.03	16.14	16.00	17.5	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	16.06	16.14	15.93	17.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	16.01	16.13	16.02	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.72	16.79	16.66	18.0	0.0
100	PI/2 BPSK	1	137	16.77	16.83	16.70		
100	PI/2 BPSK	1	271	16.76	16.85	16.73		
100	PI/2 BPSK	135	0	16.71	16.83	16.63	18.0	0.0
100	PI/2 BPSK	135	69	16.72	16.79	16.68	18.0	0.0
100	PI/2 BPSK	135	138	16.78	16.79	16.66	18.0	0.0
100	PI/2 BPSK	270	0	16.81	16.77	16.70		
100	QPSK	1	1	16.76	16.93	16.68	18.0	0.0
100	QPSK	1	137	16.81	16.77	16.69		
100	QPSK	1	271	16.76	16.76	16.64		
100	QPSK	135	0	16.71	16.83	16.73	18.0	0.0
100	QPSK	135	69	16.75	16.85	16.75	18.0	0.0
100	QPSK	135	138	16.71	16.82	16.65	18.0	0.0
100	QPSK	270	0	16.80	16.87	16.75		
100	16QAM	1	1	16.80	16.83	16.73	18.0	0.0
100	64QAM	1	1	16.81	16.76	16.70	18.0	0.0
100	256QAM	1	1	16.78	16.85	16.63	18.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.65	16.80	16.62	18.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.61	16.86	16.62	18.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.67	16.81	16.54	18.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.67	16.88	16.55	18.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.67	16.89	16.57	18.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.64	16.89	16.53	18.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.63	16.83	16.58	18.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.68	16.86	16.55	18.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.65	16.79	16.60	18.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.68	16.88	16.62	18.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.62	16.88	16.57	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.75	19.76	19.77	21.0	0.0
100	PI/2 BPSK	1	137	19.70	19.78	19.75		
100	PI/2 BPSK	1	271	19.72	19.82	19.74		
100	PI/2 BPSK	135	0	19.75	19.87	19.60	21.0	0.0
100	PI/2 BPSK	135	69	19.73	19.81	19.63	21.0	0.0
100	PI/2 BPSK	135	138	19.73	19.88	19.63	21.0	0.0
100	PI/2 BPSK	270	0	19.73	19.83	19.59		
100	QPSK	1	1	19.75	19.93	19.69	21.0	0.0
100	QPSK	1	137	19.80	19.79	19.68		
100	QPSK	1	271	19.70	19.80	19.71		
100	QPSK	135	0	19.72	19.86	19.64	21.0	0.0
100	QPSK	135	69	19.69	19.91	19.68	21.0	0.0
100	QPSK	135	138	19.80	19.88	19.61	21.0	0.0
100	QPSK	270	0	19.75	19.78	19.62		
100	16QAM	1	1	19.72	19.73	19.65	21.0	0.0
100	64QAM	1	1	19.68	19.78	19.68	21.0	0.0
100	256QAM	1	1	19.71	19.86	19.68	21.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.61	19.73	19.59	21.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.62	19.75	19.62	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.59	19.83	19.61	21.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.66	19.78	19.56	21.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.67	19.75	19.64	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.64	19.71	19.54	21.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.64	19.81	19.63	21.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.65	19.74	19.56	21.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.69	19.76	19.58	21.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.67	19.78	19.63	21.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.67	19.74	19.63	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.07		18.0	0.0
100	PI/2 BPSK	1	137		17.04			
100	PI/2 BPSK	1	271		17.12			
100	PI/2 BPSK	135	0		17.04		18.0	0.0
100	PI/2 BPSK	135	69		17.03		18.0	0.0
100	PI/2 BPSK	135	138		17.07		18.0	0.0
100	PI/2 BPSK	270	0		17.12			
100	QPSK	1	1		17.15		18.0	0.0
100	QPSK	1	137		17.12			
100	QPSK	1	271		17.10			
100	QPSK	135	0		17.13		18.0	0.0
100	QPSK	135	69		17.14		18.0	0.0
100	QPSK	135	138		17.11		18.0	0.0
100	QPSK	270	0		17.12			
100	16QAM	1	1		17.07		18.0	0.0
100	64QAM	1	1		17.08		18.0	0.0
100	256QAM	1	1		17.08		18.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.03	17.00	17.07	18.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.08	17.11	17.05	18.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.07	17.01	17.01	18.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.11	17.05	17.05	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.99	17.10	17.04	18.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.03	17.00	17.06	18.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.00	17.03	17.08	18.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.07	17.06	17.01	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.07	17.08	17.10	18.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.01	17.06	17.03	18.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.99	17.01	17.05	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.90		21.0	0.0
100	PI/2 BPSK	1	137		19.91			
100	PI/2 BPSK	1	271		19.92			
100	PI/2 BPSK	135	0		19.90		21.0	0.0
100	PI/2 BPSK	135	69		19.90		21.0	0.0
100	PI/2 BPSK	135	138		19.92		21.0	0.0
100	PI/2 BPSK	270	0		19.90			
100	QPSK	1	1		20.05		21.0	0.0
100	QPSK	1	137		19.93			
100	QPSK	1	271		19.95			
100	QPSK	135	0		19.93		21.0	0.0
100	QPSK	135	69		19.97		21.0	0.0
100	QPSK	135	138		19.93		21.0	0.0
100	QPSK	270	0		19.95			
100	16QAM	1	1		20.01		21.0	0.0
100	64QAM	1	1		19.89		21.0	0.0
100	256QAM	1	1		19.98		21.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.93	19.90	19.90	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.92	19.90	19.98	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.90	19.90	19.89	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.00	19.92	19.99	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.89	19.99	19.95	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.95	19.99	19.89	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.94	19.92	19.90	21.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.95	19.98	19.93	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.91	19.92	19.99	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.92	19.89	20.01	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.90	19.94	19.92	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.84		18.0	0.0
100	PI/2 BPSK	1	137		16.87			
100	PI/2 BPSK	1	271		16.82			
100	PI/2 BPSK	135	0		16.77		18.0	0.0
100	PI/2 BPSK	135	69		16.79		18.0	0.0
100	PI/2 BPSK	135	138		16.82		18.0	0.0
100	PI/2 BPSK	270	0		16.85			
100	QPSK	1	1		16.88		18.0	0.0
100	QPSK	1	137		16.87			
100	QPSK	1	271		16.78			
100	QPSK	135	0		16.85		18.0	0.0
100	QPSK	135	69		16.86		18.0	0.0
100	QPSK	135	138		16.83		18.0	0.0
100	QPSK	270	0		16.86			
100	16QAM	1	1		16.85		18.0	0.0
100	64QAM	1	1		16.80		18.0	0.0
100	256QAM	1	1		16.82		18.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.74	16.75	16.80	18.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.76	16.78	16.83	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.81	16.82	16.77	18.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.73	16.83	16.75	18.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.76	16.80	16.78	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.80	16.73	16.84	18.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.78	16.72	16.77	18.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.82	16.74	16.75	18.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.74	16.82	16.73	18.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.83	16.75	16.73	18.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.77	16.78	16.79	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.87		21.0	0.0
100	PI/2 BPSK	1	137		19.88			
100	PI/2 BPSK	1	271		19.80			
100	PI/2 BPSK	135	0		19.85		21.0	0.0
100	PI/2 BPSK	135	69		19.81		21.0	0.0
100	PI/2 BPSK	135	138		19.86		21.0	0.0
100	PI/2 BPSK	270	0		19.85			
100	QPSK	1	1		19.91		21.0	0.0
100	QPSK	1	137		19.80			
100	QPSK	1	271		19.76			
100	QPSK	135	0		19.85		21.0	0.0
100	QPSK	135	69		19.88		21.0	0.0
100	QPSK	135	138		19.87		21.0	0.0
100	QPSK	270	0		19.88			
100	16QAM	1	1		19.78		21.0	0.0
100	64QAM	1	1		19.81		21.0	0.0
100	256QAM	1	1		19.83		21.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.81	19.79	19.76	21.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.81	19.75	19.83	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.85	19.84	19.76	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.80	19.84	19.77	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.76	19.77	19.77	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.78	19.87	19.80	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.82	19.80	19.76	21.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.80	19.78	19.77	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.84	19.81	19.86	21.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.83	19.79	19.77	21.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.76	19.80	19.75	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.83		18.0	0.0
100	PI/2 BPSK	1	137		16.85			
100	PI/2 BPSK	1	271		16.83			
100	PI/2 BPSK	135	0		16.86		18.0	0.0
100	PI/2 BPSK	135	69		16.84		18.0	0.0
100	PI/2 BPSK	135	138		16.91		18.0	0.0
100	PI/2 BPSK	270	0		16.80			
100	QPSK	1	1		16.95		18.0	0.0
100	QPSK	1	137		16.80			
100	QPSK	1	271		16.82			
100	QPSK	135	0		16.83		18.0	0.0
100	QPSK	135	69		16.87		18.0	0.0
100	QPSK	135	138		16.86		18.0	0.0
100	QPSK	270	0		16.90			
100	16QAM	1	1		16.85		18.0	0.0
100	64QAM	1	1		16.89		18.0	0.0
100	256QAM	1	1		16.81		18.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.87	16.90	16.87	18.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.88	16.89	16.90	18.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.81	16.90	16.80	18.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.83	16.85	16.88	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.86	16.83	16.88	18.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.88	16.79	16.82	18.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.80	16.83	16.84	18.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	16.88	16.87	16.86	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.83	16.89	16.83	18.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.86	16.79	16.86	18.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.91	16.81	16.85	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.92		21.0	0.0
100	PI/2 BPSK	1	137		19.92			
100	PI/2 BPSK	1	271		19.84			
100	PI/2 BPSK	135	0		19.93		21.0	0.0
100	PI/2 BPSK	135	69		19.93		21.0	0.0
100	PI/2 BPSK	135	138		19.85		21.0	0.0
100	PI/2 BPSK	270	0		19.90			
100	QPSK	1	1		19.96		21.0	0.0
100	QPSK	1	137		19.86			
100	QPSK	1	271		19.89			
100	QPSK	135	0		19.91		21.0	0.0
100	QPSK	135	69		19.93		21.0	0.0
100	QPSK	135	138		19.91		21.0	0.0
100	QPSK	270	0		19.87			
100	16QAM	1	1		19.92		21.0	0.0
100	64QAM	1	1		19.91		21.0	0.0
100	256QAM	1	1		19.86		21.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.84	19.86	19.85	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.92	19.84	19.85	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.89	19.84	19.88	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.80	19.89	19.82	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.85	19.90	19.85	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.83	19.86	19.84	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.83	19.82	19.88	21.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.90	19.82	19.86	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.87	19.89	19.83	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.85	19.90	19.83	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.80	19.92	19.86	21.0	0.0

2.4GHz WLAN				Ant 16 Default power Body-worn Standalone		Ant 7 Default power Body-worn Standalone		Ant 16+7 Default power Body-worn Standalone		Ant 16 Head Standalone		Ant 7 Head Standalone		Ant 16+7 Head Standalone		Ant 16 Hotspot		Ant 7 Hotspot		Ant 16+7 Hotspot		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	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	Duty Cycle %
	802.11b 1Mbps	1	2412	18.31	19.00	18.93	19.00	21.65	22.00	12.56	13.50	13.01	14.00	15.79	17.00	17.68	18.50	18.59	19.00	20.60	22.00	
		6	2437	18.27	19.00	19.00	19.00	21.66	22.00	12.43	13.50	13.03	14.00	15.66	17.00	17.61	18.50	18.66	19.00	20.66	22.00	97.69
		11	2462	18.65	19.50	19.05	20.00	21.86	23.00	12.77	13.50	13.10	14.00	15.82	17.00	17.77	18.50	18.16	19.00	20.46	22.00	
	802.11g 6Mbps	1	2412	16.32	17.00	17.02	17.50	19.68	20.50		13.50		14.00		17.00		17.00		17.50		20.50	
		6	2437	17.99	18.50	18.39	19.00	21.01	22.00		13.50		14.00		17.00		18.50		19.00		22.00	86.38
		11	2462	17.41	18.00	17.85	18.50	20.45	21.50		13.50		14.00		17.00		18.00		18.50		21.50	
	802.11n-HT20 MCS0	1	2412	16.33	17.00	16.99	17.50	19.69	20.50		13.50		14.00		17.00		17.00		17.50		20.50	
		6	2437	17.91	18.50	18.37	19.00	21.02	22.00		13.50		14.00		17.00		18.50		19.00		22.00	100
		11	2462	16.78	16.50	16.12	17.00	18.96	19.50		13.50		14.00		17.00		16.50		17.00		19.50	
	802.11n-HT40 MCS0	3	2422	15.48	16.00	16.11	17.00	18.92	19.50		13.50		14.00		17.00		16.00		17.00		19.50	
		6	2437	15.65	16.00	16.09	17.00	18.16	20.00		13.50		14.00		17.00		16.00		17.00		20.00	100
		9	2452	17.61	18.00	17.97	18.00	20.80	21.00		13.50		14.00		17.00		18.00		18.00		21.00	
	802.11ax-HE20 MCS0	1	2412	16.39	17.00	17.02	18.00	19.70	20.50		13.50		14.00		17.00		17.00		18.00		20.50	
		6	2437	17.66	18.00	18.40	19.00	21.08	22.00	Not Required	13.50	Not Required	14.00	Not Required	17.00	Not Required	18.00	Not Required	19.00	Not Required	22.00	100
		11	2462	16.83	16.50	16.17	17.00	19.01	20.00		13.50		14.00		17.00		16.50		17.00		20.00	
	802.11ax-HE40 MCS0	3	2422	15.33	15.50	15.10	17.00	18.46	19.50		13.50		14.00		17.00		15.50		17.00		19.50	
		6	2437	15.69	16.50	16.63	17.00	18.30	20.00		13.50		14.00		17.00		16.50		17.00		20.00	100
		9	2452	17.09	18.00	17.55	18.00	20.31	21.00		13.50		14.00		17.00		18.00		18.00		21.00	
	802.11be-EHT20 MCS0	1	2412	16.44	17.00	17.06	18.00	19.78	20.50		13.50		14.00		17.00		17.00		18.00		20.50	
		9	2437	17.71	18.50	18.48	19.00	21.12	22.00		13.50		14.00		17.00		18.50		19.00		22.00	100
		11	2462	15.98	16.50	16.23	17.00	19.07	20.00		13.50		14.00		17.00		16.50		17.00		20.00	
	802.11be-EHT40 MCS0	3	2422	15.55	16.50	16.21	17.00	18.90	19.50		13.50		14.00		17.00		16.50		17.00		19.50	
		6	2437	15.76	16.50	16.68	17.00	18.26	20.00		13.50		14.00		17.00		16.50		17.00		20.00	100
		9	2452	17.14	18.00	17.54	18.00	20.35	21.50		13.50		14.00		17.00		18.00		18.50		21.50	

5.2GHz WLAN				Ant 6 Default power Body-worn Standalone Hotspot		Ant 17 Default power Body-worn Standalone Hotspot		Ant 17+6 Default power Body-worn Standalone Hotspot		Ant 6 Head Standalone		Ant 17 Head Standalone		Ant 17+6 Head Standalone		Ant 6 Extremity Standalone		Ant 17 Extremity Standalone		Ant 17+6 Extremity Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	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	Duty Cycle %
	802.11a 6Mbps	36	5180	17.83	18.50	18.19	19.00	21.03	22.00		14.00		15.00		18.00		17.50		18.00		21.00	
		40	5200	18.76	19.50	19.20	20.00	22.00	23.00		14.50		15.00		18.00		17.50		18.00		21.00	98.97
		44	5220	18.76	19.50	19.25	20.00	22.04	23.00		14.50		15.00		18.00		17.50		18.00		21.00	
		48	5240	18.72	19.50	19.26	20.00	22.01	23.00		14.50		15.00		18.00		17.50		18.00		21.00	
	802.11n-HT20 MCS0	36	5180	18.25	19.00	18.73	19.50	21.51	22.50		14.50		15.00		18.00	Not Required	17.50	Not Required	18.00	Not Required	21.00	
		40	5200	19.13	19.50	19.20	20.00	21.96	23.00		14.50		15.00		18.00		17.50		18.00		21.00	100
		44	5220	18.65	19.50	19.24	20.00	21.97	23.00		14.50		15.00		18.00		17.50		18.00		21.00	
		48	5240	18.66	19.50	19.10	20.00	21.90	23.00	Not Required	14.50	Not Required	15.00	Not Required	18.00		17.50		18.00		21.00	
	802.11n-HT40 MCS0	38	5190	16.77	17.50	17.12	18.00	19.96	20.50		14.50		15.00		18.00	16.77	17.50	17.12	18.00	19.96	20.50	100
		46	5230	17.41	18.00	17.88	18.50	20.66	21.50		14.50		15.00		18.00	16.93	17.50	17.43	18.00	20.23	21.50	
	802.11ax-VHT20 MCS0	36	5180	18.29	19.00	18.78	19.00	21.55	22.00		14.50		15.00		18.00		17.50		18.00		21.00	
		40	5200	18.75	19.50	19.20	20.00	22.00	23.00		14.50		15.00		18.00		17.50		18.00		21.00	100
		44	5220	18.67	19.50	19.22	20.00	22.02	23.00		14.50		15.00		18.00		17.50		18.00		21.00	
		48	5240	18.69	19.50	19.13	20.00	21.93	23.00		14.50		15.00		18.00		17.50		18.00		21.00	
	802.11ax-VHT40 MCS0	38	5190	16.81	17.50	17.18	18.00	20.01	21.00		14.50		15.00		18.00		17.50		18.00		21.00	100
		46	5230	17.45	18.00	17.84	18.50	20.71	21.50		14.50		15.00		18.00		17.50		18.00		21.00	
	802.11ax-VHT80 MCS0	42	5210	15.32	16.00	15.28	16.00	18.46	19.00	13.61	14.50	14.32	15.00	17.15	18.00		16.50		16.50		19.00	100
		58	5290	16.31	16.50	16.25	16.50	19.31	20.50		14.50		15.00		18.00		17.50		18.00		21.00	
	802.11ax-HE20 MCS0	40	5200	18.76	19.50	19.23	20.00	22.01	23.00		14.50		15.00		18.00		17.50		18.00		21.00	100
		44	5220	18.75	19.50	19.20	20.00	22.07	23.00		14.50		15.00		18.00		17.50		18.00		21.00	
		48	5240	18.71	19.50	19.17	20.00	21.96	23.00		14.50		15.00		18.00	Not Required	17.50	Not Required	18.00	Not Required	21.00	
	802.11ax-HE40 MCS0	38	5190	16.60	17.50	17.22	18.00	20.05	21.00		14.50		15.00		18.00		17.50		18.00		21.00	100
		46	5230	17.50	18.00	18.03	19.00	20.76	21.50		14.50		15.00		18.00		17.50		18.00		21.00	
	802.11ax-HE80 MCS0	42	5210	15.36	16.00	15.40	16.00	18.20	19.00		14.50		15.00		18.00		16.50		16.50		19.00	100
		58	5290	16.30	16.50	16.03	16.50	21.96	22.50		14.50		15.00		18.00		17.50		18.00		21.00	
	802.11be-EHT20 MCS0	36	5180	18.49	19.00	18.93	19.00	21.58	22.00		14.50		15.00		18.00		17.50		18.00		21.00	
		40	5200	18.49	19.50	19.23	20.00	22.09	23.00		14.50		15.00		18.00		17.50		18.00		21.00	100
		44	5220	18.91	19.50	19.41	20.00	22.18	23.00		14.50		15.00		18.00		17.50		18.00		21.00	
		48	5240	18.87	19.50	19.35	20.00	22.13	23.00		14.50		15.00		18.00		17.50		18.00		21.00	
	802.11be-EHT40 MCS0	38	5190	16.92	17.50	17.28	18.00	20.11	21.00		14.50		15.00		18.00		17.50		18.00		21.00	100
		46	5230	17.68	18.50	18.11	19.00	20.91	22.00		14.50		15.00		18.00		17.50		18.00		21.00	
	802.11be-EHT80 MCS0	42	5210	15.38	16.00	15.45	16.00	18.28	19.00		14.50		15.00		18.00		16.50		16.50		19.00	100

5.3GHz WLAN				Ant 6 Default power Body-worn Standalone Hotspot		Ant 17 Default power Body-worn Standalone Hotspot		Ant 17+6 Default power Body-worn Standalone Hotspot		Ant 6 Head Standalone		Ant 17 Head Standalone		Ant 17+6 Head Standalone		Ant 6 Extremity Standalone		Ant 17 Extremity Standalone		Ant 17+6 Extremity Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	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	Duty Cycle %
	802.11a 6Mbps	52	5260	18.64	19.50	19.21	20.00	21.95	23.00		14.50		15.00		18.00		17.50		18.00		21.00	
		56	5280	18.59	19.50	19.15	20.00	21.89	23.00		14.50		15.00		18.00		17.50		18.00		21.00	98.97
		60	5300	18.77	19.50	19.19	20.00	22.00	23.00		14.50		15.00		18.00		17.50		18.00		21.00	
		64	5320	18.91	19.50	17.92	17.50	19.60	21.00		14.50		15.00		18.00		17.50		18.00		21.00	
	802.11n-HT20 MCS0	52	5260	18.49	19.00	19.15	20.00	21.82	22.50		14.50		15.00		18.00	Not Required	17.50	Not Required	18.00	Not Required	21.00	
		56	5280	18.39	19.00	19.09	20.00	21.75	22.50		14.50		15.00		18.00		17.50		18.00		21.00	100
		60	5300	18.60	19.00	19.16	20.00	21.92	23.00		14.50		15.00		18.00		17.50		18.00		21.00	
		64	5320	18.55	17.50	16.62	17.50	19.40	20.50		14.50		15.00		18.00		17.50		17.50		20.50	
	802.11n-HT40 MCS0	54	5270	17.27	18.00	17.86	18.50	20.73	21.50	Not Required	14.50	Not Required	15.00	Not Required	18.00	16.66	17.50	17.42	18.00	20.38	21.00	100
		62	5310	15.75	16.00	16.11	17.00	18.94	19.50		14.50		15.00		18.00	15.75	16.00	16.11	17.00	18.94	19.50	
		52	5260	18.52	19.00	19.18	20.00	21.87	23.00		14.50		15.00		18.00		17.50		18.00		21.00	
	802.11ac-VHT20 MCS0	56	5280	18.47	19.00	19.13	20.00	21.82	23.00		14.50		15.00		18.00		17.50		18.00		21.00	100
		60	5300	18.67	19.00	19.19	20.00	21.90	23.00		14.50		15.00		18.00		17.50		18.00		21.00	
		64	5320	18.58	17.00	16.64	17.00	19.42	20.50		14.50		15.00		18.00		17.50		17.50		20.50	
	802.11ac-VHT40 MCS0	54	5270	17.61	18.00	17.98	18.00	20.76	21.50		14.50		15.00		18.00		17.50		18.00		21.00	100
5.3GHz WLAN		62	5310	15.76	16.00	16.13	17.00	18.98	19.50		14.50		15.00		18.00		16.50		17.00		19.50	
	802.11ac-VHT80 MCS0	58	5290	15.33	16.00	15.55	16.50	19.39	19.50		14.50		15.00		18.00		16.50		16.50		19.50	100
		58	5290	16.21	16.50	15.78	16.00	19.97	19.50	13.65	14.50	14.15	15.00	17.16	18.00		16.00		16.50		19.50	100
	802.11ax-HE20 MCS0	52	5260	18.60	19.50	19.23	20.00	21.94	23.00		14.50		15.00		18.00		17.50		18.00		21.00	
		56	5280	18.59	19.50	19.20	20.00	21.90	23.00		14.50		15.00		18.00		17.50		18.00		21.00	100
		60	5300	18.74	19.50	19.22	20.00	22.00	23.00		14.50		15.00		18.00		17.50		18.00		21.00	
		64	5320	18.61	17.50	16.66	17.50	19.45	20.50		14.50		15.00		18.00	Not Required	17.50	Not Required	17.50	Not Required	20.50	
	802.11ax-HE40 MCS0	54	5270	17.62	18.50	17.90	18.50	20.77	21.50		14.50		15.00		18.00		17.50		18.00		21.00	100
		62	5310	15.82	16.50	16.21	17.00	19.03	20.00		14.50		15.00		18.00		16.50		17.00		20.00	
	802.11ax-HE80 MCS0	58	5290	15.22	16.00	15.66	16.50	18.42	19.00		14.50		15.00		18.00		16.50		16.50		19.00	100
	802.11be-EHT160 MCS0	50	5250	15.26	16.00	15.63	16.50	18.58	19.50	Not Required	14.50	Not Required	15.00	Not Required	18.00		16.00		16.50		19.50	100
		52	5260	18.76	19.50	19.27	20.00	22.08	23.00		14.50		15.00		18.00		17.50		18.00		21.00	
	802.11be-EHT80 MCS0	56	5280	18.72	19.50	19.32	20.00	22.04	23.00		14.50		15.00		18.00		17.50		18.00		21.00	100
		60	5300	18.88	19.50	19.34	20.00	22.12	23.00		14.50		15.00		18.00		17.50		18.00		21.00	
		64	5320	18.65	17.50	16.73	17.50	19.75	20.50		14.50		15.00		18.00		17.50		17.50		20.50	
	802.11be-EHT40 MCS0	54	5270	17.72	18.50	18.04	19.00	20.89	22.00		14.50		15.00		18.00		17.50		18.00		21.00	100
		62	5310	15.88	16.50	16.26	17.00	19.07	20.00		14.50		15.00		18.00		16.50		17.00		20.00	
	802.11be-EHT80 MCS0	58	5290	15.24	16.00	15.62	16.50	18.44	19.00		14.50		15.00		18.00		16.50		16.50		19.00	100
	802.11be-EHT160 MCS0	50	5250	15.32	16.00	15.61	16.50	18.64	19.00		14.50		15.00		18.00		16.00		16.50		19.00	100

5.5GHz WLAN				Ant 6 Default power Body-worn Standalone Hotspot		Ant 17 Default power Body-worn Standalone Hotspot		Ant 17+6 Default power Body-worn Standalone Hotspot		Ant 6 Head Standalone		Ant 17 Head Standalone		Ant 17+6 Head Standalone		Ant 6 Extremity Standalone		Ant 17 Extremity Standalone		Ant 17+6 Extremity Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	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	Duty Cycle %
	802.11a 6Mbps	100	5500	18.92	19.50	19.87	19.50	21.91	22.50		14.50		14.50		17.50		17.50		18.00		21.00	
		116	5580	18.96	19.50	19.16	20.00	22.08	23.00		14.50		14.50		17.50		17.50		18.00		21.00	
		124	5620	18.98	19.50	19.05	20.00	22.04	23.00		14.50		14.50		17.50		17.50		18.00		21.00	98.97
		132	5660	18.96	19.50	18.90	19.50	21.95	22.50		14.50		14.50		17.50		17.50		18.00		21.00	
		140	5700	18.35	19.50	18.53	19.00	21.47	22.50		14.50		14.50		17.50		17.50		18.00		21.00	
		144	5720	18.50	19.00	18.65	19.00	21.59	22.50		14.50		14.50		17.50	Not Required	17.50	Not Required	18.00	Not Required	21.00	
	802.11n-HT20 MCS0	100	5500	18.90	19.50	18.99	19.50	21.94	22.50		14.50		14.50		17.50		17.50		18.00		21.00	
		116	5580	18.87	19.50	19.13	20.00	22.01	23.00		14.50		14.50		17.50		17.50		18.00		21.00	
		124	5620	18.89	19.50	19.02	20.00	21.97	23.00		14.50		14.50		17.50		17.50		18.00		21.00	100
		132	5660	18.73	19.50	18.93	19.50	21.94	22.50		14.50		14.50		17.50		17.50		18.00		21.00	
		140	5700	17.89	18.50	18.61	19.00	20.90	21.50		14.50		14.50		17.50		17.50		18.00		21.00	
		144	5720	18.41	19.00	18.59	19.00	21.49	22.50		14.50		14.50		17.50		17.50		18.00		21.00	
	802.11n-HT40 MCS0	102	5510	16.99	17.50	16.89	17.50	19.95	20.50		14.50		14.50		17.50	16.99	17.50	16.99	17.50	19.95	20.50	
		110	5550	17.70	18.00	17.66	18.00	20.72	21.50		14.50		14.50		17.50	16.93	17.50	17.10	18.00	20.32	21.50	
		126	5630	17.91	18.50	17.83	18.00	20.78	21.50		14.50		14.50		17.50	16.95	17.50	17.15	18.00	20.32	21.50	100
		134	5670	17.26	18.00	17.32	18.00	20.31	21.00	Not Required	14.50	Not Required	14.50	Not Required	17.50	16.79	17.50	17.08	18.00	20.21	21.00	
		142	5710	17.47	18.00	17.34	18.00	20.42	21.00		14.50		14.50		17.50	16.58	17.50	17.00	18.00	20.03	21.00	
		100	5500	18.92	19.50	18.93	19.50	21.94	22.50		14.50		14.50		17.50		17.50		18.00		21.00	
		116	5580	18.96	19.50	19.16	20.00	22.07	23.00		14.50		14.50		17.50		17.50		18.00		21.00	
		124	5620	18.92	19.50	19.16	20.00	22.02	23.00		14.50		14.50		17.50		17.50		18.00		21.00	100
		132	5660	18.74	19.50	18.93	19.50	21.85	22.50		14.50		14.50		17.50		17.50		18.00		21.00	
		140	5700	17.89	18.50	18.59	19.00	20.97	21.50		14.50		14.50		17.50		17.50		18.00		21.00	
		144	5720	18.40	19.00	18.59	19.00	21.52	22.50		14.50		14.50		17.50		17.50		18.00		21.00	
	802.11ac-VHT40 MCS0	102	5510	17.02	18.00	16.91	17.50	19.98	20.50		14.50		14.50		17.50		17.50		18.00		21.00	
		110	5550	17.91	18.50	17.75	18.50	20.79	21.50		14.50		14.50		17.50		17.50		18.00		21.00	
		126	5630	17.93	18.50	17.69	18.00	20.82	21.50		14.50		14.50		17.50		17.50		18.00		21.00	100
		134	5670	17.33	18.00	17.37	18.00	20.36	21.00		14.50		14.50		17.50		17.50		18.00		21.00	
		142	5710	17.48	18.00	17.39	18.00	20.43	21.00		14.50		14.50		17.50		17.50		18.00		21.00	
5.5GHz WLAN		106	5530	16.28	17.00	16.32	17.00	18.39	20.00		14.50		14.50		17.50		17.00		17.50		20.00	
	802.11ax-VHT80 MCS0	122	5610	16.90	17.50	16.75	17.00	18.94	20.00		14.50		14.50		17.50		17.50		17.50		20.00	100
		138	5690	16.92	17.50	16.52	17.00	18.79	20.00		14.50		14.50		17.50		17.50		17.50		20.00	
	802.11ax-HT160 MCS0	114	5570	15.36	16.00	15.44	16.00	18.40	19.00	13.42	14.00	13.98	14.50	16.83	17.50		16.00		16.50		19.00	100
		50	5250	18.96	19.50	19.01	20.00	22.00	23.00		14.50		14.50		17.50		17.50		18.00		21.00	
		116	5580	18.97	19.50	19.29	20.00	22.10	23.00		14.50		14.50		17.50		17.50		18.00		21.00	
	802.11be-EHT20 MCS0	124	5620	18.96	19.50	19.16	20.00	22.08	23.00		14.50		14.50		17.50		17.50		18.00		21.00	100
		132	5660	18.83	19.50	18.96	19.50	21.91	22.50		14.50		14.50		17.50		17.50		18.00		21.00	
		140	5700	17.97	18.50	18.58	19.00	21.01	22.00		14.50		14.50		17.50		17.50		18.00		21.00	
		144	5720	18.44	19.00	18.62	19.00	21.54	22.50		14.50		14.50		17.50		17.50		18.00		21.00	
		102	5510	17.07	18.00	16.94	17.50	20.02	21.00		14.50		14.50		17.50		17.50		18.00		21.00	
		110	5550	17.88	18.50	17.82	18.00	20.86	21.50		14.50		14.50		17.50	Not Required	17.50	Not Required	18.00	Not Required	21.00	
	802.11ax-HE40 MCS0	126	5630	17.94	18.50	17.78	18.00	20.87	21.50		14.50		14.50		17.50		17.50		18.00		21.00	100
		134	5670	17.36	18.00	17.40	18.00	20.41	21.00		14.50		14.50		17.50		17.50		18.00		21.00	
		142	5710	17.33	18.00	17.41	18.00	20.48	21.00		14.50		14.50		17.50		17.50		18.00		21.00	
		106	5530	16.35	17.00	16.35	17.00	18.35	20.00		14.50		14.50		17.50		17.00		17.50		20.00	
	802.11ax-HE80 MCS0	122	5610	16.99	17.50	16.83	17.00	18.92	20.00		14.50		14.50		17.50		17.50		17.50		20.00	100
		138	5690	17.01	17.50	16.58	17.00	18.81	20.00		14.50		14.50		17.50		17.50		17.50		20.00	
	802.11ax-HT160 MCS0	114	5570	15.40	16.00	15.46	16.00	18.47	19.00	Not Required	14.50	Not Required	14.50	Not Required	17.50		16.00		16.50		19.00	100
		50	5250	19.08	19.50	19.11	20.00	22.11	23.00		14.50		14.50		17.50		17.50		18.00		21.00	
		116	5580	19.10	19.50	19.30	20.00	22.24	23.00		14.50		14.50		17.50		17.50		18.00		21.00	
	802.11be-EHT20 MCS0	124	5620	19.06	19.50	19.32	20.00	22.20	23.00		14.50		14.50		17.50

Bluetooth BR/EDR ANT16

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	15.21	11.98	12.30
	CH 39	2441	15.54	12.55	12.26
	CH 78	2480	15.29	12.36	12.33
Tune-up Limit			17.00	14.00	14.00

Bluetooth BR/EDR ANT7

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	15.45	12.41	12.28
	CH 39	2441	15.24	11.96	11.96
	CH 78	2480	14.89	11.67	11.72
Tune-up Limit			16.50	13.00	13.00

BLE_1M ANT16

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	14.98
	CH 19	2440	15.27
	CH 39	2480	15.10
Tune-up Limit			16.00

BLE_1M ANT7

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	14.97
	CH 19	2440	14.90
	CH 39	2480	14.23
Tune-up Limit			16.00

BLE_2M ANT16

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	14.99
	CH 19	2440	15.30
	CH 39	2480	15.40
Tune-up Limit			16.00

BLE_2M ANT7

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	14.95
	CH 19	2440	14.72
	CH 39	2480	14.63
Tune-up Limit			16.00

Bluetooth Beamforming

Bluetooth ANT16

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	12.60	7.72	7.03
	CH 39	2441	12.44	7.41	7.33
	CH 78	2480	12.57	7.90	7.90
Tune-up Limit			13.00	8.50	8.50

Bluetooth ANT7

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	12.22	6.99	6.68
	CH 39	2441	12.06	7.05	7.12
	CH 78	2480	12.16	7.60	7.16
Tune-up Limit			13.00	8.00	8.00

Bluetooth ANT16+7

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	15.43	10.38	9.87
	CH 39	2441	15.27	10.24	10.24
	CH 78	2480	15.38	10.76	10.56
Tune-up Limit			16.50	11.50	11.50