Full&Default Power Mode

GSM850 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.09	32.26	32.52	33.50	23.09	23.26	23.52	24.50
GPRS 1 Tx slot	32.08	32.24	32.50	33.50	23.08	23.24	23.50	24.50
GPRS 2 Tx slots	29.98	30.29	30.39	31.00	23.98	24.29	24.39	25.00
GPRS 3 Tx slots	28.41	28.74	28.85	30.00	24.15	24.48	24.59	25.74
GPRS 4 Tx slots	26.94	27.00	27.40	28.00	23.94	24.09	24.40	25.00
EDGE 1 Tx slot	26.74	26.80	26.62	28.00	17.74	17.80	17.62	19.00
EDGE 2 Tx slots	25.52	25.52	25.41	26.50	19.52	19.52	19.41	20.50
EDGE 3 Tx slots	24.16	24.15	24.00	25.00	19.90	19.89	19.74	20.74
EDGE 4 Tx slots	22.12	22.22	22.13	23.00	19.12	19.22	19.13	20.00

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	22.16	22.25	22.13	24.00
3GPP Rel 99	RMC 12.2Kbps	22.28	22.32	22.18	24.00
3GPP Rel 6	HSDPA Subtest-1	21.25	21.31	21.23	23.00
3GPP Rel 6	HSDPA Subtest-2	21.34	21.28	21.18	23.00
3GPP Rel 6	HSDPA Subtest-3	20.78	20.76	20.74	22.50
3GPP Rel 6	HSDPA Subtest-4	20.78	20.82	20.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.30	21.34	21.16	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.26	21.37	21.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.74	20.80	20.65	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.79	20.78	20.69	22.50
3GPP Rel 6	HSUPA Subtest-1	21.27	21.28	21.14	23.00
3GPP Rel 6	HSUPA Subtest-2	19.22	19.29	19.16	21.00
3GPP Rel 6	HSUPA Subtest-3	20.32	20.33	20.13	22.00
3GPP Rel 6	HSUPA Subtest-4	19.29	19.26	19.20	21.00
3GPP Rel 6	HSUPA Subtest-5	21.33	21.30	21.19	23.00

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	22.70	22.75	22.68		
10	QPSK	1	25	22.57	22.69	22.61	24	0
10	QPSK	1	49	22.57	22.65	22.59		
10	QPSK	25	0	21.75	21.78	21.68		
10	QPSK	25	12	21.59	21.73	21.63	23	1
10	QPSK	25	25	21.55	21.61	21.60		
10	QPSK	50	0	21.67	21.73	21.67		
10	16QAM	1	0	21.64	21.71	21.62		
10	16QAM	1	25	21.44	21.66	21.49	23	1
10	16QAM	1	49	21.52	21.48	21.47		
10	16QAM	25	0	20.77	20.75	20.72		
10	16QAM	25	12	20.62	20.74	20.64	22	2
10	16QAM	25	25	20.52	20.64	20.54		
10	16QAM	50	0	20.73	20.75	20.63		
10	64QAM	1	0	20.61	20.70	20.67		
10	64QAM	1	25	20.40	20.70	20.50	22	2
10	64QAM	1	49	20.51	20.44	20.46		
10	64QAM	25	0	19.73	19.79	19.64		
10	64QAM	25	12	19.63	19.75	19.62	21	3
10	64QAM	25	25	19.55	19.56	19.55		
10	64QAM	50	0	19.65	19.71	19.63		
10	256QAM	1	0	17.81	17.74	17.69		
10	256QAM	1	25	17.63	17.68	17.65	19	5
10	256QAM	1	49	17.53	17.67	17.63		
10	256QAM	25	0	17.63	17.81	17.67		
10	256QAM	25	12	17.60	17.68	17.62	19	5
10	256QAM	25	25	17.45	17.63	17.49		
10	256QAM	50	0	17.55	17.44	17.45		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.57	22.71	22.53	24	0
5	QPSK	1	12	22.48	22.57	22.50		
5	QPSK	1	24	22.51	22.53	22.50		
5	QPSK	12	0	21.63	21.72	21.55		
5	QPSK	12	7	21.46	21.66	21.52	23	1
5	QPSK	12	13	21.46	21.56	21.54		
5	QPSK	25	0	21.55	21.66	21.59		
5	16QAM	1	0	21.61	21.67	21.49		
5	16QAM	1	12	21.37	21.60	21.41	23	1
5	16QAM	1	24	21.48	21.35	21.39		
5	16QAM	12	0	20.71	20.61	20.62		
5	16QAM	12	7	20.51	20.64	20.50	22	2
5	16QAM	12	13	20.39	20.54	20.46		
5	16QAM	25	0	20.67	20.67	20.56		
5	64QAM	1	0	20.53	20.60	20.63		
5	64QAM	1	12	20.27	20.61	20.43	22	2
5	64QAM	1	24	20.45	20.30	20.40		
5	64QAM	12	0	19.65	19.69	19.50		
5	64QAM	12	7	19.53	19.67	19.55	21	3
5	64QAM	12	13	19.45	19.53	19.45		
5	64QAM	25	0	19.56	19.66	19.55		
5	256QAM	1	0	17.73	17.59	17.57		
5	256QAM	1	12	17.54	17.62	17.58	19	5
5	256QAM	1	24	17.39	17.61	17.59		
5	256QAM	12	0	17.58	17.70	17.56		
5	256QAM	12	7	17.56	17.62	17.53	19	5
5	256QAM	12	13	17.36	17.53	17.42		
5	256QAM	25	0	17.43	17.38	17.38		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.64	22.66	22.61	24	0
3	QPSK	1	8	22.48	22.59	22.47		
3	QPSK	1	14	22.47	22.54	22.51		
3	QPSK	8	0	21.61	21.74	21.61		
3	QPSK	8	4	21.51	21.61	21.53	23	1
3	QPSK	8	7	21.43	21.48	21.49		
3	QPSK	15	0	21.64	21.68	21.57		
3	16QAM	1	0	21.56	21.62	21.57		
3	16QAM	1	8	21.31	21.60	21.34	23	1
3	16QAM	1	14	21.42	21.41	21.42		
3	16QAM	8	0	20.69	20.71	20.65		
3	16QAM	8	4	20.47	20.64	20.53	22	2
3	16QAM	8	7	20.41	20.55	20.47		
3	16QAM	15	0	20.67	20.71	20.60		
3	64QAM	1	0	20.58	20.57	20.53		
3	64QAM	1	8	20.33	20.57	20.35	22	2
3	64QAM	1	14	20.46	20.33	20.36		
3	64QAM	8	0	19.68	19.70	19.56		
3	64QAM	8	4	19.51	19.66	19.53	21	3
3	64QAM	8	7	19.42	19.52	19.42		
3	64QAM	15	0	19.58	19.59	19.48		
3	256QAM	1	0	17.73	17.79	17.56		
3	256QAM	1	8	17.49	17.65	17.60	19	5
3	256QAM	1	14	17.38	17.54	17.58		
3	256QAM	8	0	17.59	17.72	17.60		
3	256QAM	8	4	17.53	17.61	17.57	19	5
3	256QAM	8	7	17.36	17.59	17.44		
3	256QAM	15	0	17.43	17.38	17.35		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.56	22.62	22.61		
1.4	QPSK	1	3	22.46	22.64	22.49		
1.4	QPSK	1	5	22.45	22.57	22.56	24	0
1.4	QPSK	3	0	22.43	22.54	22.46		
1.4	QPSK	3	1	22.37	22.55	22.44		
1.4	QPSK	3	3	22.30	22.49	22.45		
1.4	QPSK	6	0	21.62	21.69	21.56	23	1
1.4	16QAM	1	0	21.55	21.65	21.51		
1.4	16QAM	1	3	21.31	21.61	21.36		
1.4	16QAM	1	5	21.45	21.34	21.38	23	1
1.4	16QAM	3	0	21.55	21.62	21.43		
1.4	16QAM	3	1	21.44	21.54	21.46		
1.4	16QAM	3	3	21.25	21.51	21.32		
1.4	16QAM	6	0	20.59	20.64	20.57	22	2
1.4	64QAM	1	0	20.53	20.66	20.56		
1.4	64QAM	1	3	20.29	20.59	20.42	22	2
1.4	64QAM	1	5	20.45	20.39	20.33		
1.4	64QAM	3	0	20.44	20.59	20.43		
1.4	64QAM	3	1	20.40	20.57	20.53		
1.4	64QAM	3	3	20.23	20.50	20.39		
1.4	64QAM	6	0	19.57	19.63	19.55	21	3
1.4	256QAM	1	0	17.73	17.66	17.57		
1.4	256QAM	1	3	17.59	17.64	17.58		
1.4	256QAM	1	5	17.43	17.56	17.59	19	5
1.4	256QAM	3	0	17.53	17.72	17.59		
1.4	256QAM	3	1	17.53	17.64	17.56		
1.4	256QAM	3	3	17.39	17.50	17.40		
1.4	256QAM	6	0	17.41	17.36	17.34	19	5

Band 7 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.90	20.94	20.89		
20	QPSK	1	49	20.86	20.89	20.85	22.5	0
20	QPSK	1	99	20.82	20.79	20.76		
20	QPSK	50	0	19.93	19.96	19.84		
20	QPSK	50	24	19.86	19.92	19.82	21.5	1
20	QPSK	50	50	19.76	19.80	19.72		
20	QPSK	100	0	19.90	19.92	19.89		
20	16QAM	1	0	19.88	19.90	19.70		
20	16QAM	1	49	19.73	19.79	19.71	21.5	1
20	16QAM	1	99	19.71	19.65	19.57		
20	16QAM	50	0	18.98	18.91	18.82		
20	16QAM	50	24	18.90	18.92	18.78	20.5	2
20	16QAM	50	50	18.77	18.77	18.72		
20	16QAM	100	0	18.87	18.98	18.95		
20	64QAM	1	0	18.88	18.88	18.74		
20	64QAM	1	49	18.73	18.78	18.70	20.5	2
20	64QAM	1	99	18.76	18.65	18.60		
20	64QAM	50	0	17.89	17.93	17.82		
20	64QAM	50	24	17.86	17.88	17.88	19.5	3
20	64QAM	50	50	17.75	17.76	17.72		
20	64QAM	100	0	17.95	17.93	17.85		
20	256QAM	1	0	15.98	15.99	15.79		
20	256QAM	1	49	15.82	15.90	15.87	17.5	5
20	256QAM	1	99	15.79	15.75	15.69		
20	256QAM	50	0	15.92	15.90	15.83		
20	256QAM	50	24	15.88	15.96	15.69	17.5	5
20	256QAM	50	50	15.71	15.80	15.75		
20	256QAM	100	0	15.75	15.65	15.60		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.79	20.86	20.78		
15	QPSK	1	37	20.78	20.85	20.80	22.5	0
15	QPSK	1	74	20.71	20.75	20.67		
15	QPSK	36	0	19.88	19.92	19.79		
15	QPSK	36	20	19.74	19.81	19.74	21.5	1
15	QPSK	36	39	19.67	19.69	19.66		
15	QPSK	75	0	19.77	19.85	19.85		
15	16QAM	1	0	19.79	19.80	19.65		
15	16QAM	1	37	19.65	19.72	19.65	21.5	1
15	16QAM	1	74	19.68	19.52	19.66		
15	16QAM	36	0	18.86	18.83	18.68		
15	16QAM	36	20	18.82	18.87	18.73	20.5	2
15	16QAM	36	39	18.69	18.65	18.68		
15	16QAM	75	0	18.76	18.84	18.85		
15	64QAM	1	0	18.78	18.80	18.66		
15	64QAM	1	37	18.58	18.64	18.57	20.5	2
15	64QAM	1	74	18.63	18.56	18.55		
15	64QAM	36	0	17.83	17.86	17.77		
15	64QAM	36	20	17.77	17.74	17.79	19.5	3
15	64QAM	36	39	17.69	17.62	17.57		
15	64QAM	75	0	17.89	17.80	17.74		
15	256QAM	1	0	15.88	15.86	15.72		
15	256QAM	1	37	15.76	15.85	15.83	17.5	5
15	256QAM	1	74	15.74	15.61	15.60		
15	256QAM	36	0	15.81	15.76	15.70		
15	256QAM	36	20	15.77	15.90	15.56	17.5	5
15	256QAM	36	39	15.58	15.66	15.63		
15	256QAM	75	0	15.68	15.53	15.53		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.84	20.85	20.78	22.5	0
10	QPSK	1	25	20.82	20.79	20.71		
10	QPSK	1	49	20.74	20.65	20.68		
10	QPSK	25	0	19.83	19.83	19.72		
10	QPSK	25	12	19.72	19.82	19.72	21.5	1
10	QPSK	25	25	19.71	19.71	19.58		
10	QPSK	50	0	19.87	19.85	19.77		
10	16QAM	1	0	19.77	19.83	19.60		
10	16QAM	1	25	19.61	19.70	19.62	21.5	1
10	16QAM	1	49	19.66	19.50	19.53		
10	16QAM	25	0	18.91	18.79	18.68		
10	16QAM	25	12	18.78	18.83	18.66	20.5	2
10	16QAM	25	25	18.71	18.71	18.64		
10	16QAM	50	0	18.83	18.93	18.91		
10	64QAM	1	0	18.73	18.81	18.63		
10	64QAM	1	25	18.66	18.74	18.66	20.5	2
10	64QAM	1	49	18.63	18.53	18.56		
10	64QAM	25	0	17.82	17.89	17.73		
10	64QAM	25	12	17.82	17.83	17.81	19.5	3
10	64QAM	25	25	17.62	17.69	17.66		
10	64QAM	50	0	17.88	17.87	17.76		
10	256QAM	1	0	15.92	15.89	15.67		
10	256QAM	1	25	15.67	15.78	15.77	17.5	5
10	256QAM	1	49	15.74	15.65	15.63		
10	256QAM	25	0	15.79	15.77	15.70		
10	256QAM	25	12	15.75	15.81	15.55	17.5	5
10	256QAM	25	25	15.59	15.72	15.69		
10	256QAM	50	0	15.64	15.60	15.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.78	20.88	20.82		
5	QPSK	1	12	20.75	20.85	20.73	22.5	0
5	QPSK	1	24	20.77	20.66	20.63		
5	QPSK	12	0	19.80	19.82	19.71		
5	QPSK	12	7	19.81	19.82	19.71	21.5	1
5	QPSK	12	13	19.66	19.73	19.66		
5	QPSK	25	0	19.80	19.79	19.78		
5	16QAM	1	0	19.74	19.85	19.58		
5	16QAM	1	12	19.61	19.71	19.60	21.5	1
5	16QAM	1	24	19.66	19.53	19.55		
5	16QAM	12	0	18.84	18.78	18.74		
5	16QAM	12	7	18.77	18.87	18.66	20.5	2
5	16QAM	12	13	18.68	18.62	18.59		
5	16QAM	25	0	18.78	18.95	18.82		
5	64QAM	1	0	18.81	18.79	18.70		
5	64QAM	1	12	18.64	18.65	18.57	20.5	2
5	64QAM	1	24	18.72	18.53	18.55		
5	64QAM	12	0	17.86	17.89	17.74		
5	64QAM	12	7	17.73	17.79	17.82	19.5	3
5	64QAM	12	13	17.66	17.68	17.64		
5	64QAM	25	0	17.91	17.90	17.70		
5	256QAM	1	0	15.86	15.95	15.67		
5	256QAM	1	12	15.79	15.86	15.82	17.5	5
5	256QAM	1	24	15.66	15.60	15.62		
5	256QAM	12	0	15.78	15.85	15.78		
5	256QAM	12	7	15.81	15.90	15.61	17.5	5
5	256QAM	12	13	15.60	15.72	15.65		
5	256QAM	25	0	15.66	15.51	15.59		

Band 12 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.45	22.50	22.43		
10	QPSK	1	25	22.41	22.46	22.39	24	0
10	QPSK	1	49	22.32	22.36	22.36		
10	QPSK	25	0	21.44	21.55	21.46		
10	QPSK	25	12	21.45	21.48	21.45	23	1
10	QPSK	25	25	21.28	21.35	21.36		
10	QPSK	50	0	21.47	21.52	21.44		
10	16QAM	1	0	21.31	21.46	21.40		
10	16QAM	1	25	21.39	21.40	21.38	23	1
10	16QAM	1	49	21.13	21.26	21.25		
10	16QAM	25	0	20.45	20.58	20.43		
10	16QAM	25	12	20.51	20.53	20.43	22	2
10	16QAM	25	25	20.33	20.32	20.31		
10	16QAM	50	0	20.51	20.47	20.45		
10	64QAM	1	0	20.32	20.42	20.34		
10	64QAM	1	25	20.36	20.35	20.34	22	2
10	64QAM	1	49	20.09	20.25	20.30		
10	64QAM	25	0	19.39	19.54	19.42		
10	64QAM	25	12	19.40	19.53	19.49	21	3
10	64QAM	25	25	19.31	19.32	19.36		
10	64QAM	50	0	19.49	19.53	19.42		
10	256QAM	1	0	17.47	17.61	17.48		
10	256QAM	1	25	17.45	17.50	17.50	19	5
10	256QAM	1	49	17.29	17.33	17.40		
10	256QAM	25	0	17.50	17.57	17.43		
10	256QAM	25	12	17.30	17.40	17.36	19	5
10	256QAM	25	25	17.38	17.35	17.32		
10	256QAM	50	0	17.10	17.23	17.21		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.40	22.37	22.36		
5	QPSK	1	12	22.27	22.40	22.35	24	0
5	QPSK	1	24	22.19	22.27	22.24		
5	QPSK	12	0	21.35	21.45	21.42		
5	QPSK	12	7	21.37	21.37	21.42	23	1
5	QPSK	12	13	21.17	21.28	21.30		
5	QPSK	25	0	21.33	21.47	21.41		
5	16QAM	1	0	21.23	21.39	21.30		
5	16QAM	1	12	21.27	21.35	21.30	23	1
5	16QAM	1	24	21.16	21.14	21.11		
5	16QAM	12	0	20.31	20.49	20.38		
5	16QAM	12	7	20.37	20.46	20.36	22	2
5	16QAM	12	13	20.25	20.27	20.24		
5	16QAM	25	0	20.41	20.37	20.33		
5	64QAM	1	0	20.19	20.31	20.21		
5	64QAM	1	12	20.23	20.29	20.21	22	2
5	64QAM	1	24	20.05	20.16	20.17		
5	64QAM	12	0	19.32	19.39	19.29		
5	64QAM	12	7	19.33	19.44	19.37	21	3
5	64QAM	12	13	19.16	19.26	19.27		
5	64QAM	25	0	19.42	19.39	19.30		
5	256QAM	1	0	17.38	17.55	17.34		
5	256QAM	1	12	17.39	17.45	17.35	19	5
5	256QAM	1	24	17.19	17.25	17.35		
5	256QAM	12	0	17.43	17.53	17.34		
5	256QAM	12	7	17.25	17.33	17.27	19	5
5	256QAM	12	13	17.29	17.32	17.27		
5	256QAM	25	0	17.00	17.15	17.10		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.36	22.42	22.36	24	0
3	QPSK	1	8	22.38	22.35	22.32		
3	QPSK	1	14	22.17	22.33	22.29		
3	QPSK	8	0	21.35	21.41	21.34		
3	QPSK	8	4	21.39	21.37	21.39	23	1
3	QPSK	8	7	21.17	21.26	21.23		
3	QPSK	15	0	21.33	21.43	21.30		
3	16QAM	1	0	21.21	21.35	21.33		
3	16QAM	1	8	21.30	21.25	21.24	23	1
3	16QAM	1	14	21.22	21.23	21.22		
3	16QAM	8	0	20.39	20.54	20.29		
3	16QAM	8	4	20.46	20.42	20.32	22	2
3	16QAM	8	7	20.19	20.23	20.24		
3	16QAM	15	0	20.46	20.36	20.33		
3	64QAM	1	0	20.23	20.34	20.26		
3	64QAM	1	8	20.30	20.22	20.28	22	2
3	64QAM	1	14	20.04	20.15	20.27		
3	64QAM	8	0	19.29	19.42	19.28		
3	64QAM	8	4	19.30	19.38	19.34	21	3
3	64QAM	8	7	19.24	19.28	19.30		
3	64QAM	15	0	19.45	19.49	19.30		
3	256QAM	1	0	17.39	17.47	17.40		
3	256QAM	1	8	17.34	17.37	17.40	19	5
3	256QAM	1	14	17.16	17.22	17.30		
3	256QAM	8	0	17.46	17.47	17.31		
3	256QAM	8	4	17.24	17.36	17.23	19	5
3	256QAM	8	7	17.34	17.31	17.22		
3	256QAM	15	0	17.16	17.18	17.13		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.38	22.42	22.30		
1.4	QPSK	1	3	22.31	22.39	22.34		
1.4	QPSK	1	5	22.24	22.30	22.31	24	0
1.4	QPSK	3	0	22.26	22.36	22.18		
1.4	QPSK	3	1	22.20	22.26	22.30		
1.4	QPSK	3	3	22.16	22.21	22.18		
1.4	QPSK	6	0	21.38	21.46	21.37	23	1
1.4	16QAM	1	0	21.25	21.34	21.34		
1.4	16QAM	1	3	21.25	21.37	21.23		
1.4	16QAM	1	5	21.05	21.12	21.22	23	1
1.4	16QAM	3	0	21.30	21.39	21.29		
1.4	16QAM	3	1	21.19	21.21	21.25		
1.4	16QAM	3	3	21.21	21.31	21.13		
1.4	16QAM	6	0	20.48	20.38	20.34	22	2
1.4	64QAM	1	0	20.27	20.32	20.30		
1.4	64QAM	1	3	20.22	20.25	20.21		
1.4	64QAM	1	5	20.02	20.21	20.26	22	2
1.4	64QAM	3	0	20.40	20.34	20.22		
1.4	64QAM	3	1	20.18	20.27	20.20		
1.4	64QAM	3	3	20.17	20.20	20.07		
1.4	64QAM	6	0	19.40	19.49	19.32	21	3
1.4	256QAM	1	0	17.37	17.53	17.41		
1.4	256QAM	1	3	17.33	17.44	17.37		
1.4	256QAM	1	5	17.18	17.24	17.32	19	5
1.4	256QAM	3	0	17.37	17.52	17.39		
1.4	256QAM	3	1	17.21	17.36	17.24		
1.4	256QAM	3	3	17.31	17.29	17.17		
1.4	256QAM	6	0	17.00	17.16	17.14	19	5

Band 13 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.60		24	0
10	QPSK	1	25		22.55			
10	QPSK	1	49		22.50			
10	QPSK	25	0		21.61		23	1
10	QPSK	25	12		21.51			
10	QPSK	25	25		21.52			
10	QPSK	50	0		21.60			
10	16QAM	1	0		21.57		23	1
10	16QAM	1	25		21.43			
10	16QAM	1	49		21.44			
10	16QAM	25	0		20.65		22	2
10	16QAM	25	12		20.50			
10	16QAM	25	25		20.53			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.59		22	2
10	64QAM	1	25		20.45			
10	64QAM	1	49		20.45			
10	64QAM	25	0		19.56		21	3
10	64QAM	25	12		19.47			
10	64QAM	25	25		19.56			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.54			
10	256QAM	1	49		17.55			
10	256QAM	25	0		17.61		19	5
10	256QAM	25	12		17.59			
10	256QAM	25	25		17.48			
10	256QAM	50	0		17.50			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.46	22.52	22.50	24	0
5	QPSK	1	12	22.47	22.52	22.46		
5	QPSK	1	24	22.37	22.37	22.40		
5	QPSK	12	0	21.46	21.52	21.53	23	1
5	QPSK	12	7	21.45	21.41	21.46		
5	QPSK	12	13	21.40	21.39	21.45		
5	QPSK	25	0	21.47	21.49	21.45		
5	16QAM	1	0	21.52	21.47	21.49	23	1
5	16QAM	1	12	21.34	21.37	21.30		
5	16QAM	1	24	21.33	21.33	21.31		
5	16QAM	12	0	20.50	20.58	20.58	22	2
5	16QAM	12	7	20.38	20.47	20.41		
5	16QAM	12	13	20.45	20.49	20.41		
5	16QAM	25	0	20.47	20.48	20.49		
5	64QAM	1	0	20.45	20.52	20.45	22	2
5	64QAM	1	12	20.36	20.41	20.40		
5	64QAM	1	24	20.35	20.38	20.33		
5	64QAM	12	0	19.46	19.50	19.48	21	3
5	64QAM	12	7	19.36	19.42	19.37		
5	64QAM	12	13	19.45	19.49	19.43		
5	64QAM	25	0	19.47	19.52	19.52		
5	256QAM	1	0	17.51	17.46	17.42	19	5
5	256QAM	1	12	17.48	17.50	17.48		
5	256QAM	1	24	17.45	17.51	17.50		
5	256QAM	12	0	17.56	17.58	17.50	19	5
5	256QAM	12	7	17.50	17.54	17.50		
5	256QAM	12	13	17.37	17.33	17.44		
5	256QAM	25	0	17.43	17.46	17.36		

Band 17 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.33	22.46	22.36	24	0
10	QPSK	1	25	22.26	22.32	22.31		
10	QPSK	1	49	22.22	22.28	22.22		
10	QPSK	25	0	21.29	21.42	21.33	23	1
10	QPSK	25	12	21.33	21.36	21.35		
10	QPSK	25	25	21.24	21.20	21.24		
10	QPSK	50	0	21.33	21.43	21.31		
10	16QAM	1	0	21.22	21.39	21.30	23	1
10	16QAM	1	25	21.27	21.32	21.29		
10	16QAM	1	49	21.09	21.19	21.12		
10	16QAM	25	0	20.32	20.49	20.36	22	2
10	16QAM	25	12	20.39	20.41	20.30		
10	16QAM	25	25	20.29	20.17	20.23		
10	16QAM	50	0	20.46	20.41	20.40		
10	64QAM	1	0	20.24	20.29	20.29	22	2
10	64QAM	1	25	20.29	20.24	20.26		
10	64QAM	1	49	20.04	20.15	20.19		
10	64QAM	25	0	19.28	19.44	19.36	21	3
10	64QAM	25	12	19.36	19.44	19.38		
10	64QAM	25	25	19.18	19.28	19.22		
10	64QAM	50	0	19.45	19.40	19.28		
10	256QAM	1	0	17.41	17.49	17.40	19	5
10	256QAM	1	25	17.41	17.46	17.40		
10	256QAM	1	49	17.20	17.21	17.30		
10	256QAM	25	0	17.39	17.42	17.31	19	5
10	256QAM	25	12	17.19	17.35	17.23		
10	256QAM	25	25	17.27	17.28	17.22		
10	256QAM	50	0	17.07	17.18	17.08		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.20	22.37	22.32	24	0
5	QPSK	1	12	22.15	22.30	22.25		
5	QPSK	1	24	22.08	22.18	22.16		
5	QPSK	12	0	21.14	21.31	21.22	23	1
5	QPSK	12	7	21.27	21.32	21.27		
5	QPSK	12	13	21.14	21.10	21.11		
5	QPSK	25	0	21.25	21.35	21.26		
5	16QAM	1	0	21.14	21.27	21.16	23	1
5	16QAM	1	12	21.20	21.21	21.20		
5	16QAM	1	24	21.02	21.08	21.06		
5	16QAM	12	0	20.18	20.46	20.30	22	2
5	16QAM	12	7	20.28	20.29	20.15		
5	16QAM	12	13	20.18	20.05	20.10		
5	16QAM	25	0	20.32	20.37	20.33		
5	64QAM	1	0	20.12	20.25	20.19	22	2
5	64QAM	1	12	20.24	20.14	20.16		
5	64QAM	1	24	20.00	20.09	20.12		
5	64QAM	12	0	19.23	19.36	19.31	21	3
5	64QAM	12	7	19.27	19.33	19.30		
5	64QAM	12	13	19.04	19.19	19.10		
5	64QAM	25	0	19.34	19.28	19.22		
5	256QAM	1	0	17.37	17.45	17.32	19	5
5	256QAM	1	12	17.28	17.33	17.36		
5	256QAM	1	24	17.10	17.18	17.15		
5	256QAM	12	0	17.34	17.37	17.19	19	5
5	256QAM	12	7	17.11	17.27	17.11		
5	256QAM	12	13	17.20	17.15	17.08		
5	256QAM	25	0	17.00	17.08	17.15		

Band 26 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.81	22.82	22.81	24	0
15	QPSK	1	37	22.64	22.75	22.73		
15	QPSK	1	74	22.71	22.77	22.72		
15	QPSK	36	0	21.89	21.91	21.72	23	1
15	QPSK	36	20	21.65	21.80	21.69		
15	QPSK	36	39	21.62	21.68	21.68		
15	QPSK	75	0	21.82	21.85	21.77		
15	16QAM	1	0	21.76	21.83	21.69	23	1
15	16QAM	1	37	21.53	21.82	21.64		
15	16QAM	1	74	21.63	21.63	21.62		
15	16QAM	36	0	20.92	20.84	20.85	22	2
15	16QAM	36	20	20.75	20.87	20.71		
15	16QAM	36	39	20.68	20.68	20.67		
15	16QAM	75	0	20.85	20.80	20.79		
15	64QAM	1	0	20.69	20.77	20.80	22	2
15	64QAM	1	37	20.54	20.84	20.62		
15	64QAM	1	74	20.56	20.53	20.60		
15	64QAM	36	0	19.80	19.94	19.75	21	3
15	64QAM	36	20	19.71	19.86	19.73		
15	64QAM	36	39	19.69	19.68	19.69		
15	64QAM	75	0	19.75	19.79	19.67		
15	256QAM	1	0	17.92	17.90	17.84	19	5
15	256QAM	1	37	17.79	17.79	17.72		
15	256QAM	1	74	17.66	17.79	17.72		
15	256QAM	36	0	17.67	17.94	17.72	19	5
15	256QAM	36	20	17.70	17.80	17.67		
15	256QAM	36	39	17.53	17.76	17.60		
15	256QAM	75	0	17.62	17.49	17.54		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.70	22.69	22.72	24	0
10	QPSK	1	25	22.53	22.60	22.67		
10	QPSK	1	49	22.57	22.70	22.58		
10	QPSK	25	0	21.80	21.80	21.58	23	1
10	QPSK	25	12	21.51	21.66	21.62		
10	QPSK	25	25	21.49	21.63	21.54		
10	QPSK	50	0	21.72	21.80	21.73		
10	16QAM	1	0	21.63	21.71	21.63	23	1
10	16QAM	1	25	21.39	21.77	21.61		
10	16QAM	1	49	21.57	21.53	21.51		
10	16QAM	25	0	20.81	20.80	20.79	22	2
10	16QAM	25	12	20.72	20.84	20.59		
10	16QAM	25	25	20.53	20.58	20.56		
10	16QAM	50	0	20.77	20.71	20.76		
10	64QAM	1	0	20.58	20.73	20.75	22	2
10	64QAM	1	25	20.47	20.75	20.54		
10	64QAM	1	49	20.44	20.44	20.50		
10	64QAM	25	0	19.75	19.89	19.66	21	3
10	64QAM	25	12	19.65	19.75	19.67		
10	64QAM	25	25	19.65	19.55	19.59		
10	64QAM	50	0	19.71	19.66	19.58		
10	256QAM	1	0	17.84	17.76	17.71	19	5
10	256QAM	1	25	17.72	17.68	17.61		
10	256QAM	1	49	17.53	17.64	17.64		
10	256QAM	25	0	17.63	17.79	17.62	19	5
10	256QAM	25	12	17.60	17.75	17.64		
10	256QAM	25	25	17.47	17.72	17.49		
10	256QAM	50	0	17.48	17.38	17.42		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.67	22.72	22.67	24	0
5	QPSK	1	12	22.51	22.62	22.64		
5	QPSK	1	24	22.61	22.65	22.59		
5	QPSK	12	0	21.75	21.77	21.57	23	1
5	QPSK	12	7	21.56	21.70	21.65		
5	QPSK	12	13	21.54	21.60	21.53		
5	QPSK	25	0	21.76	21.73	21.73		
5	16QAM	1	0	21.70	21.76	21.57	23	1
5	16QAM	1	12	21.39	21.79	21.52		
5	16QAM	1	24	21.53	21.58	21.52		
5	16QAM	12	0	20.80	20.69	20.78	22	2
5	16QAM	12	7	20.71	20.79	20.61		
5	16QAM	12	13	20.54	20.65	20.55		
5	16QAM	25	0	20.75	20.74	20.69		
5	64QAM	1	0	20.64	20.73	20.66	22	2
5	64QAM	1	12	20.48	20.74	20.50		
5	64QAM	1	24	20.44	20.38	20.52		
5	64QAM	12	0	19.74	19.90	19.67	21	3
5	64QAM	12	7	19.61	19.72	19.63		
5	64QAM	12	13	19.63	19.59	19.54		
5	64QAM	25	0	19.70	19.75	19.59		
5	256QAM	1	0	17.78	17.87	17.78	19	5
5	256QAM	1	12	17.65	17.73	17.64		
5	256QAM	1	24	17.54	17.71	17.65		
5	256QAM	12	0	17.55	17.88	17.62	19	5
5	256QAM	12	7	17.61	17.69	17.55		
5	256QAM	12	13	17.44	17.70	17.46		
5	256QAM	25	0	17.59	17.37	17.44		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.71	22.75	22.77	24	0
3	QPSK	1	8	22.53	22.67	22.62		
3	QPSK	1	14	22.68	22.63	22.62		
3	QPSK	8	0	21.75	21.80	21.64	23	1
3	QPSK	8	4	21.57	21.69	21.61		
3	QPSK	8	7	21.49	21.53	21.55		
3	QPSK	15	0	21.75	21.80	21.63		
3	16QAM	1	0	21.66	21.77	21.54	23	1
3	16QAM	1	8	21.45	21.78	21.60		
3	16QAM	1	14	21.57	21.54	21.50		
3	16QAM	8	0	20.77	20.71	20.71	22	2
3	16QAM	8	4	20.67	20.77	20.64		
3	16QAM	8	7	20.55	20.54	20.57		
3	16QAM	15	0	20.80	20.73	20.70		
3	64QAM	1	0	20.65	20.73	20.66	22	2
3	64QAM	1	8	20.44	20.80	20.59		
3	64QAM	1	14	20.48	20.49	20.46		
3	64QAM	8	0	19.67	19.84	19.62	21	3
3	64QAM	8	4	19.58	19.75	19.63		
3	64QAM	8	7	19.62	19.58	19.61		
3	64QAM	15	0	19.71	19.70	19.53		
3	256QAM	1	0	17.87	17.81	17.75	19	5
3	256QAM	1	8	17.75	17.66	17.67		
3	256QAM	1	14	17.57	17.68	17.63		
3	256QAM	8	0	17.57	17.88	17.61	19	5
3	256QAM	8	4	17.62	17.74	17.61		
3	256QAM	8	7	17.49	17.65	17.54		
3	256QAM	15	0	17.50	17.44	17.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.73	22.71	22.69	24	0
1.4	QPSK	1	3	22.60	22.62	22.67		
1.4	QPSK	1	5	22.67	22.71	22.66		
1.4	QPSK	3	0	22.64	22.67	22.57		
1.4	QPSK	3	1	22.46	22.57	22.63		
1.4	QPSK	3	3	22.54	22.67	22.59		
1.4	QPSK	6	0	21.75	21.70	21.66	23	1
1.4	16QAM	1	0	21.61	21.79	21.57	23	1
1.4	16QAM	1	3	21.48	21.67	21.54		
1.4	16QAM	1	5	21.51	21.52	21.52		
1.4	16QAM	3	0	21.70	21.65	21.63		
1.4	16QAM	3	1	21.54	21.65	21.51		
1.4	16QAM	3	3	21.34	21.61	21.42		
1.4	16QAM	6	0	20.81	20.76	20.65	22	2
1.4	64QAM	1	0	20.66	20.69	20.71	22	2
1.4	64QAM	1	3	20.46	20.71	20.49		
1.4	64QAM	1	5	20.46	20.47	20.51		
1.4	64QAM	3	0	20.74	20.67	20.53		
1.4	64QAM	3	1	20.58	20.59	20.63		
1.4	64QAM	3	3	20.32	20.59	20.37		
1.4	64QAM	6	0	19.67	19.73	19.57	21	3
1.4	256QAM	1	0	17.86	17.84	17.70	19	5
1.4	256QAM	1	3	17.73	17.72	17.65		
1.4	256QAM	1	5	17.54	17.66	17.61		
1.4	256QAM	3	0	17.52	17.80	17.60		
1.4	256QAM	3	1	17.60	17.70	17.59		
1.4	256QAM	3	3	17.39	17.62	17.55		
1.4	256QAM	6	0	17.55	17.41	17.49	19	5

Band 38 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.38	21.41	21.35	23	0
20	QPSK	1	49	21.36	21.36	21.25		
20	QPSK	1	99	21.39	21.36	21.35		
20	QPSK	50	0	20.34	20.42	20.41	22	1
20	QPSK	50	24	20.38	20.31	20.24		
20	QPSK	50	50	20.35	20.39	20.37		
20	QPSK	100	0	20.33	20.40	20.34		
20	16QAM	1	0	20.35	20.35	20.31	22	1
20	16QAM	1	49	20.37	20.31	20.25		
20	16QAM	1	99	20.35	20.31	20.37		
20	16QAM	50	0	19.32	19.36	19.43	21	2
20	16QAM	50	24	19.39	19.32	19.26		
20	16QAM	50	50	19.36	19.45	19.37		
20	16QAM	100	0	19.35	19.36	19.40		
20	64QAM	1	0	19.35	19.37	19.30	21	2
20	64QAM	1	49	19.42	19.29	19.29		
20	64QAM	1	99	19.36	19.28	19.31		
20	64QAM	50	0	18.34	18.42	18.38	20	3
20	64QAM	50	24	18.40	18.37	18.22		
20	64QAM	50	50	18.31	18.40	18.31		
20	64QAM	100	0	18.27	18.41	18.33		
20	256QAM	1	0	16.39	16.39	16.46	18	5
20	256QAM	1	49	16.42	16.32	16.23		
20	256QAM	1	99	16.32	16.35	16.38		
20	256QAM	50	0	16.37	16.34	16.33	18	5
20	256QAM	50	24	16.37	16.37	16.32		
20	256QAM	50	50	16.35	16.27	16.21		
20	256QAM	100	0	16.30	16.26	16.36		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.23	21.37	21.22	23	0
15	QPSK	1	37	21.29	21.31	21.18		
15	QPSK	1	74	21.29	21.31	21.31		
15	QPSK	36	0	20.21	20.37	20.31	22	1
15	QPSK	36	20	20.24	20.20	20.15		
15	QPSK	36	39	20.27	20.34	20.30		
15	QPSK	75	0	20.29	20.27	20.30		
15	16QAM	1	0	20.29	20.26	20.27	22	1
15	16QAM	1	37	20.23	20.22	20.12		
15	16QAM	1	74	20.23	20.18	20.32		
15	16QAM	36	0	19.17	19.32	19.39	21	2
15	16QAM	36	20	19.27	19.27	19.13		
15	16QAM	36	39	19.26	19.32	19.32		
15	16QAM	75	0	19.24	19.31	19.26		
15	64QAM	1	0	19.28	19.31	19.19	21	2
15	64QAM	1	37	19.36	19.20	19.22		
15	64QAM	1	74	19.29	19.17	19.24		
15	64QAM	36	0	18.30	18.37	18.32	20	3
15	64QAM	36	20	18.30	18.23	18.15		
15	64QAM	36	39	18.23	18.37	18.27		
15	64QAM	75	0	18.21	18.33	18.26		
15	256QAM	1	0	16.31	16.28	16.35	18	5
15	256QAM	1	37	16.36	16.26	16.11		
15	256QAM	1	74	16.25	16.23	16.33		
15	256QAM	36	0	16.24	16.26	16.24	18	5
15	256QAM	36	20	16.28	16.31	16.27		
15	256QAM	36	39	16.29	16.15	16.10		
15	256QAM	75	0	16.23	16.18	16.25		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.27	21.28	21.23	23	0
10	QPSK	1	25	21.22	21.29	21.11		
10	QPSK	1	49	21.35	21.29	21.23		
10	QPSK	25	0	20.29	20.34	20.30	22	1
10	QPSK	25	12	20.29	20.16	20.10		
10	QPSK	25	25	20.25	20.27	20.29		
10	QPSK	50	0	20.22	20.36	20.24		
10	16QAM	1	0	20.23	20.23	20.21	22	1
10	16QAM	1	25	20.27	20.25	20.15		
10	16QAM	1	49	20.26	20.25	20.25		
10	16QAM	25	0	19.21	19.29	19.38	21	2
10	16QAM	25	12	19.33	19.28	19.12		
10	16QAM	25	25	19.23	19.40	19.28		
10	16QAM	50	0	19.30	19.28	19.29		
10	64QAM	1	0	19.24	19.23	19.20	21	2
10	64QAM	1	25	19.37	19.18	19.15		
10	64QAM	1	49	19.22	19.19	19.26		
10	64QAM	25	0	18.25	18.32	18.32	20	3
10	64QAM	25	12	18.35	18.34	18.13		
10	64QAM	25	25	18.19	18.35	18.22		
10	64QAM	50	0	18.17	18.33	18.30		
10	256QAM	1	0	16.25	16.31	16.41	18	5
10	256QAM	1	25	16.34	16.29	16.19		
10	256QAM	1	49	16.23	16.22	16.27		
10	256QAM	25	0	16.31	16.25	16.25	18	5
10	256QAM	25	12	16.31	16.23	16.29		
10	256QAM	25	25	16.28	16.21	16.18		
10	256QAM	50	0	16.25	16.21	16.30		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.29	21.37	21.22	23	0
5	QPSK	1	12	21.31	21.21	21.18		
5	QPSK	1	24	21.26	21.33	21.32		
5	QPSK	12	0	20.23	20.30	20.35	22	1
5	QPSK	12	7	20.32	20.26	20.20		
5	QPSK	12	13	20.26	20.34	20.23		
5	QPSK	25	0	20.28	20.28	20.20		
5	16QAM	1	0	20.20	20.28	20.20	22	1
5	16QAM	1	12	20.23	20.25	20.14		
5	16QAM	1	24	20.31	20.26	20.30		
5	16QAM	12	0	19.22	19.22	19.28	21	2
5	16QAM	12	7	19.30	19.23	19.11		
5	16QAM	12	13	19.27	19.32	19.33		
5	16QAM	25	0	19.21	19.28	19.36		
5	64QAM	1	0	19.25	19.29	19.17	21	2
5	64QAM	1	12	19.37	19.19	19.19		
5	64QAM	1	24	19.21	19.22	19.19		
5	64QAM	12	0	18.23	18.33	18.29	20	3
5	64QAM	12	7	18.29	18.28	18.12		
5	64QAM	12	13	18.21	18.31	18.26		
5	64QAM	25	0	18.19	18.37	18.27		
5	256QAM	1	0	16.25	16.30	16.31	18	5
5	256QAM	1	12	16.34	16.19	16.11		
5	256QAM	1	24	16.19	16.24	16.31		
5	256QAM	12	0	16.26	16.25	16.23	18	5
5	256QAM	12	7	16.32	16.34	16.17		
5	256QAM	12	13	16.30	16.19	16.11		
5	256QAM	25	0	16.20	16.23	16.27		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.35	24.38	24.32	26	0
20	QPSK	1	49	24.26	24.37	24.28		
20	QPSK	1	99	24.34	24.34	24.24		
20	QPSK	50	0	23.37	23.43	23.37	25	1
20	QPSK	50	24	23.20	23.39	23.34		
20	QPSK	50	50	23.32	23.37	23.25		
20	QPSK	100	0	23.35	23.40	23.37		
20	16QAM	1	0	23.34	23.38	23.36	25	1
20	16QAM	1	49	23.18	23.38	23.35		
20	16QAM	1	99	23.22	23.27	23.19		
20	16QAM	50	0	22.41	22.43	22.34	24	2
20	16QAM	50	24	22.26	22.40	22.39		
20	16QAM	50	50	22.26	22.32	22.21		
20	16QAM	100	0	22.34	22.34	22.32		
20	64QAM	1	0	22.29	22.39	22.41	24	2
20	64QAM	1	49	22.17	22.36	22.36		
20	64QAM	1	99	22.19	22.30	22.17		
20	64QAM	50	0	21.34	21.43	21.38	23	3
20	64QAM	50	24	21.18	21.42	21.28		
20	64QAM	50	50	21.38	21.39	21.22		
20	64QAM	100	0	21.39	21.43	21.33		
20	256QAM	1	0	19.41	19.49	19.36	21	5
20	256QAM	1	49	19.22	19.42	19.34		
20	256QAM	1	99	19.29	19.31	19.30		
20	256QAM	50	0	19.38	19.38	19.38	21	5
20	256QAM	50	24	19.35	19.40	19.41		
20	256QAM	50	50	19.22	19.33	19.33		
20	256QAM	100	0	19.28	19.24	19.19		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.28	24.31	24.26	26	0
15	QPSK	1	37	24.15	24.28	24.14		
15	QPSK	1	74	24.20	24.30	24.17		
15	QPSK	36	0	23.23	23.38	23.25	25	1
15	QPSK	36	20	23.08	23.36	23.23		
15	QPSK	36	39	23.27	23.23	23.16		
15	QPSK	75	0	23.31	23.33	23.23		
15	16QAM	1	0	23.28	23.24	23.21	25	1
15	16QAM	1	37	23.14	23.30	23.31		
15	16QAM	1	74	23.16	23.15	23.14		
15	16QAM	36	0	22.28	22.30	22.20	24	2
15	16QAM	36	20	22.20	22.27	22.30		
15	16QAM	36	39	22.14	22.26	22.09		
15	16QAM	75	0	22.28	22.28	22.25		
15	64QAM	1	0	22.23	22.29	22.32	24	2
15	64QAM	1	37	22.04	22.26	22.30		
15	64QAM	1	74	22.07	22.26	22.04		
15	64QAM	36	0	21.19	21.34	21.27	23	3
15	64QAM	36	20	21.06	21.32	21.14		
15	64QAM	36	39	21.26	21.32	21.13		
15	64QAM	75	0	21.33	21.33	21.25		
15	256QAM	1	0	19.31	19.40	19.27	21	5
15	256QAM	1	37	19.12	19.33	19.20		
15	256QAM	1	74	19.18	19.28	19.16		
15	256QAM	36	0	19.27	19.34	19.27	21	5
15	256QAM	36	20	19.30	19.31	19.33		
15	256QAM	36	39	19.18	19.28	19.26		
15	256QAM	75	0	19.17	19.10	19.15		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.24	24.24	24.21	26	0
10	QPSK	1	25	24.20	24.31	24.15		
10	QPSK	1	49	24.23	24.19	24.11		
10	QPSK	25	0	23.31	23.36	23.31	25	1
10	QPSK	25	12	23.09	23.28	23.20		
10	QPSK	25	25	23.18	23.32	23.21		
10	QPSK	50	0	23.20	23.27	23.24		
10	16QAM	1	0	23.30	23.30	23.26	25	1
10	16QAM	1	25	23.13	23.27	23.29		
10	16QAM	1	49	23.13	23.14	23.13		
10	16QAM	25	0	22.31	22.36	22.29	24	2
10	16QAM	25	12	22.12	22.28	22.25		
10	16QAM	25	25	22.13	22.19	22.10		
10	16QAM	50	0	22.26	22.19	22.19		
10	64QAM	1	0	22.17	22.29	22.35	24	2
10	64QAM	1	25	22.10	22.32	22.33		
10	64QAM	1	49	22.11	22.25	22.12		
10	64QAM	25	0	21.30	21.33	21.26	23	3
10	64QAM	25	12	21.13	21.28	21.20		
10	64QAM	25	25	21.35	21.26	21.11		
10	64QAM	50	0	21.30	21.30	21.24		
10	256QAM	1	0	19.38	19.37	19.32	21	5
10	256QAM	1	25	19.18	19.28	19.27		
10	256QAM	1	49	19.23	19.20	19.22		
10	256QAM	25	0	19.35	19.25	19.34	21	5
10	256QAM	25	12	19.27	19.30	19.35		
10	256QAM	25	25	19.12	19.21	19.23		
10	256QAM	50	0	19.13	19.14	19.13		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.23	24.27	24.29	26	0
5	QPSK	1	12	24.12	24.23	24.21		
5	QPSK	1	24	24.26	24.26	24.09		
5	QPSK	12	0	23.29	23.28	23.25	25	1
5	QPSK	12	7	23.06	23.33	23.26		
5	QPSK	12	13	23.28	23.26	23.17		
5	QPSK	25	0	23.24	23.33	23.31		
5	16QAM	1	0	23.28	23.33	23.33	25	1
5	16QAM	1	12	23.12	23.34	23.23		
5	16QAM	1	24	23.17	23.21	23.16		
5	16QAM	12	0	22.32	22.35	22.30	24	2
5	16QAM	12	7	22.22	22.29	22.31		
5	16QAM	12	13	22.16	22.25	22.15		
5	16QAM	25	0	22.28	22.22	22.24		
5	64QAM	1	0	22.17	22.24	22.28	24	2
5	64QAM	1	12	22.06	22.32	22.31		
5	64QAM	1	24	22.07	22.24	22.09		
5	64QAM	12	0	21.23	21.29	21.25	23	3
5	64QAM	12	7	21.13	21.39	21.17		
5	64QAM	12	13	21.27	21.33	21.18		
5	64QAM	25	0	21.28	21.39	21.22		
5	256QAM	1	0	19.29	19.45	19.32	21	5
5	256QAM	1	12	19.15	19.28	19.30		
5	256QAM	1	24	19.25	19.22	19.17		
5	256QAM	12	0	19.34	19.33	19.27	21	5
5	256QAM	12	7	19.27	19.34	19.28		
5	256QAM	12	13	19.10	19.20	19.23		
5	256QAM	25	0	19.19	19.15	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	21.46	21.49	21.52	21.48	21.44		
20	QPSK	1	49	21.40	21.47	21.40	21.31	21.43	23	0
20	QPSK	1	99	21.51	21.45	21.42	21.47	21.46		
20	QPSK	50	0	20.40	20.47	20.56	20.51	20.46		
20	QPSK	50	24	20.51	20.44	20.39	20.29	20.45	22	1
20	QPSK	50	50	20.44	20.39	20.53	20.47	20.50		
20	QPSK	100	0	20.40	20.39	20.47	20.44	20.41		
20	16QAM	1	0	20.46	20.42	20.45	20.40	20.42		
20	16QAM	1	49	20.44	20.42	20.44	20.33	20.48	22	1
20	16QAM	1	99	20.45	20.46	20.38	20.49	20.44		
20	16QAM	50	0	19.45	19.39	19.42	19.50	19.36		
20	16QAM	50	24	19.47	19.46	19.37	19.31	19.52	21	2
20	16QAM	50	50	19.45	19.41	19.53	19.40	19.41		
20	16QAM	100	0	19.43	19.42	19.45	19.53	19.47		
20	64QAM	1	0	19.41	19.49	19.45	19.37	19.47		
20	64QAM	1	49	19.56	19.55	19.40	19.42	19.52	21	2
20	64QAM	1	99	19.44	19.50	19.41	19.43	19.40		
20	64QAM	50	0	18.41	18.48	18.46	18.52	18.41		
20	64QAM	50	24	18.50	18.48	18.42	18.29	18.55	20	3
20	64QAM	50	50	18.41	18.36	18.51	18.42	18.45		
20	64QAM	100	0	18.31	18.33	18.45	18.46	18.37		
20	256QAM	1	0	16.45	16.44	16.51	16.55	16.45		
20	256QAM	1	49	16.53	16.56	16.38	16.26	16.50	18	5
20	256QAM	1	99	16.36	16.45	16.40	16.44	16.36		
20	256QAM	50	0	16.42	16.49	16.48	16.44	16.42		
20	256QAM	50	24	16.46	16.44	16.48	16.37	16.42	18	5
20	256QAM	50	50	16.39	16.39	16.37	16.32	16.44		
20	256QAM	100	0	16.39	16.33	16.40	16.47	16.38		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	21.41	21.46	21.46	21.40	21.38		
15	QPSK	1	37	21.35	21.39	21.29	21.30	21.33	23.00	0
15	QPSK	1	74	21.50	21.44	21.35	21.42	21.42		
15	QPSK	36	0	20.35	20.41	20.49	20.46	20.41		
15	QPSK	36	20	20.46	20.37	20.32	20.27	20.38	22	1
15	QPSK	36	39	20.36	20.33	20.45	20.48	20.44		
15	QPSK	75	0	20.40	20.36	20.41	20.44	20.34		
15	16QAM	1	0	20.45	20.33	20.40	20.32	20.31		
15	16QAM	1	37	20.36	20.35	20.40	20.29	20.38	22	1
15	16QAM	1	74	20.34	20.36	20.37	20.48	20.42		
15	16QAM	36	0	19.39	19.38	19.37	19.45	19.30		
15	16QAM	36	20	19.42	19.41	19.28	19.22	19.51	21	2
15	16QAM	36	39	19.42	19.39	19.50	19.31	19.32		
15	16QAM	75	0	19.42	19.35	19.39	19.42	19.44		
15	64QAM	1	0	19.36	19.42	19.42	19.31	19.41		
15	64QAM	1	37	19.57	19.51	19.30	19.37	19.49	21	2
15	64QAM	1	74	19.36	19.48	19.37	19.42	19.37		
15	64QAM	36	0	18.38	18.47	18.38	18.46	18.40		
15	64QAM	36	20	18.46	18.40	18.33	18.25	18.52	20	3
15	64QAM	36	39	18.39	18.32	18.52	18.41	18.36		
15	64QAM	75	0	18.20	18.24	18.40	18.36	18.29		
15	256QAM	1	0	16.41	16.41	16.51	16.46	16.43		
15	256QAM	1	37	16.45	16.50	16.36	16.24	16.43	18	5
15	256QAM	1	74	16.35	16.39	16.38	16.42	16.26		
15	256QAM	36	0	16.32	16.41	16.42	16.36	16.38		
15	256QAM	36	20	16.47	16.37	16.43	16.36	16.43	18	5
15	256QAM	36	39	16.34	16.36	16.35	16.27	16.40		
15	256QAM	75	0	16.39	16.26	16.39	16.38	16.38		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	21.37	21.42	21.50	21.46	21.43		
10	QPSK	1	25	21.30	21.38	21.35	21.28	21.41	23.00	0
10	QPSK	1	49	21.44	21.39	21.33	21.46	21.36		
10	QPSK	25	0	20.29	20.45	20.48	20.51	20.40		
10	QPSK	25	12	20.45	20.36	20.40	20.21	20.45	22	1
10	QPSK	25	25	20.34	20.36	20.52	20.44	20.42		
10	QPSK	50	0	20.30	20.34	20.39	20.37	20.36		
10	16QAM	1	0	20.47	20.34	20.44	20.39	20.42		
10	16QAM	1	25	20.43	20.43	20.35	20.28	20.49	22	1
10	16QAM	1	49	20.36	20.41	20.29	20.48	20.37		
10	16QAM	25	0	19.38	19.35	19.35	19.45	19.31		
10	16QAM	25	12	19.44	19.38	19.30	19.24	19.41	21	2
10	16QAM	25	25	19.42	19.42	19.52	19.32	19.42		
10	16QAM	50	0	19.33	19.43	19.45	19.48	19.37		
10	64QAM	1	0	19.35	19.40	19.36	19.28	19.40		
10	64QAM	1	25	19.57	19.50	19.37	19.31	19.50	21	2
10	64QAM	1	49	19.39	19.50	19.38	19.35	19.36		
10	64QAM	25	0	18.36	18.43	18.44	18.47	18.41		
10	64QAM	25	12	18.49	18.46	18.43	18.28	18.51	20	3
10	64QAM	25	25	18.35	18.25	18.42	18.33	18.44		
10	64QAM	50	0	18.28	18.31	18.45	18.45	18.31		
10	256QAM	1	0	16.44	16.36	16.45	16.45	16.43		
10	256QAM	1	25	16.54	16.51	16.38	16.26	16.50	18	5
10	256QAM	1	49	16.30	16.37	16.38	16.35	16.27		
10	256QAM	25	0	16.43	16.46	16.41	16.41	16.38		
10	256QAM	25	12	16.37	16.39	16.42	16.30	16.33	18	5
10	256QAM	25	25	16.30	16.40	16.33	16.21	16.40		
10	256QAM	50	0	16.30	16.27	16.31	16.46	16.28		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	(dBm)	(dB)
5	QPSK	1	0	21.37	21.39	21.48	21.40	21.39		
5	QPSK	1	12	21.37	21.45	21.33	21.25	21.37	23.00	0
5	QPSK	1	24	21.50	21.40	21.43	21.44	21.36		
5	QPSK	12	0	20.37	20.46	20.56	20.50	20.42		
5	QPSK	12	7	20.49	20.37	20.39	20.28	20.45	22	1
5	QPSK	12	13	20.39	20.31	20.53	20.48	20.47		
5	QPSK	25	0	20.37	20.40	20.37	20.40	20.40		
5	16QAM	1	0	20.36	20.35	20.43	20.38	20.31		
5	16QAM	1	12	20.37	20.34	20.41	20.30	20.43	22	1
5	16QAM	1	24	20.39	20.44	20.29	20.40	20.42		
5	16QAM	12	0	19.34	19.37	19.40	19.44	19.33		
5	16QAM	12	7	19.44	19.39	19.34	19.24	19.44	21	2
5	16QAM	12	13	19.36	19.40	19.43	19.32	19.41		
5	16QAM	25	0	19.43	19.36	19.36	19.50	19.38		
5	64QAM	1	0	19.38	19.44	19.35	19.27	19.46		
5	64QAM	1	12	19.52	19.50	19.38	19.39	19.45	21	2
5	64QAM	1	24	19.41	19.45	19.39	19.39	19.37		
5	64QAM	12	0	18.37	18.38	18.46	18.53	18.38		
5	64QAM	12	7	18.51	18.46	18.37	18.30	18.52	20	3
5	64QAM	12	13	18.38	18.27	18.44	18.35	18.35		
5	64QAM	25	0	18.25	18.26	18.45	18.39	18.30		
5	256QAM	1	0	16.43	16.40	16.44	16.45	16.44		
5	256QAM	1	12	16.45	16.48	16.30	16.25	16.45	18	5
5	256QAM	1	24	16.34	16.43	16.33	16.43	16.27		
5	256QAM	12	0	16.39	16.46	16.41	16.44	16.42		
5	256QAM	12	7	16.36	16.38	16.42	16.33	16.35	18	5
5	256QAM	12	13	16.36	16.32	16.34	16.27	16.34		
5	256QAM	25	0	16.38	16.23	16.35	16.46	16.28		

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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	24.44	24.52	24.55	24.44	24.42		
20	QPSK	1	49	24.34	24.42	24.42	24.32	24.43	26	0
20	QPSK	1	99	24.45	24.48	24.42	24.42	24.49		
20	QPSK	50	0	23.42	23.52	23.61	23.55	23.51		
20	QPSK	50	24	23.47	23.42	23.42	23.27	23.48	25	1
20	QPSK	50	50	23.47	23.36	23.48	23.42	23.45		
20	QPSK	100	0	23.43	23.45	23.48	23.38	23.36		
20	16QAM	1	0	23.44	23.46	23.47	23.41	23.40		
20	16QAM	1	49	23.43	23.44	23.45	23.30	23.45	25	1
20	16QAM	1	99	23.43	23.46	23.37	23.48	23.46		
20	16QAM	50	0	22.45	22.34	22.44	22.55	22.31		
20	16QAM	50	24	22.43	22.51	22.34	22.35	22.47	24	2
20	16QAM	50	50	22.46	22.41	22.49	22.42	22.42		
20	16QAM	100	0	22.44	22.46	22.44	22.57	22.42		
20	64QAM	1	0	22.37	22.52	22.49	22.35	22.44		
20	64QAM	1	49	22.57	22.54	22.41	22.42	22.56	24	2
20	64QAM	1	99	22.40	22.50	22.39	22.40	22.38		
20	64QAM	50	0	21.36	21.43	21.45	21.55	21.44		
20	64QAM	50	24	21.52	21.48	21.39	21.27	21.59	23	3
20	64QAM	50	50	21.42	21.42	21.57	21.40	21.46		
20	64QAM	100	0	21.27	21.34	21.45	21.46	21.43		
20	256QAM	1	0	19.42	19.41	19.47	19.52	19.43		
20	256QAM	1	49	19.59	19.53	19.43	19.30	19.45	21	5
20	256QAM	1	99	19.36	19.49	19.43	19.44	19.37		
20	256QAM	50	0	19.40	19.54	19.44	19.38	19.47		
20	256QAM	50	24	19.45	19.40	19.51	19.32	19.37	21	5
20	256QAM	50	50	19.45	19.45	19.37	19.37	19.38		
20	256QAM	100	0	19.42	19.33	19.39	19.46	19.34		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	24.39	24.48	24.41	24.32	24.27		
15	QPSK	1	37	24.24	24.33	24.27	24.22	24.35	26.00	0
15	QPSK	1	74	24.30	24.34	24.29	24.35	24.38		
15	QPSK	36	0	23.37	23.45	23.57	23.51	23.39		
15	QPSK	36	20	23.39	23.37	23.39	23.19	23.33	25	1
15	QPSK	36	39	23.36	23.30	23.38	23.28	23.32		
15	QPSK	75	0	23.35	23.31	23.42	23.29	23.25		
15	16QAM	1	0	23.36	23.41	23.33	23.32	23.27		
15	16QAM	1	37	23.30	23.32	23.37	23.20	23.36	25	1
15	16QAM	1	74	23.36	23.34	23.27	23.40	23.32		
15	16QAM	36	0	22.31	22.23	22.35	22.52	22.22		
15	16QAM	36	20	22.40	22.37	22.23	22.23	22.35	24	2
15	16QAM	36	39	22.32	22.26	22.42	22.28	22.31		
15	16QAM	75	0	22.33	22.36	22.35	22.49	22.29		
15	64QAM	1	0	22.23	22.38	22.36	22.27	22.38		
15	64QAM	1	37	22.49	22.43	22.27	22.32	22.44	24	2
15	64QAM	1	74	22.36	22.36	22.24	22.33	22.32		
15	64QAM	36	0	21.27	21.40	21.34	21.41	21.38		
15	64QAM	36	20	21.38	21.36	21.35	21.21	21.53	23	3
15	64QAM	36	39	21.37	21.37	21.42	21.34	21.34		
15	64QAM	75	0	21.21	21.26	21.31	21.34	21.36		
15	256QAM	1	0	19.34	19.37	19.38	19.38	19.29		
15	256QAM	1	37	19.55	19.47	19.31	19.21	19.39	21	5
15	256QAM	1	74	19.24	19.42	19.30	19.30	19.29		
15	256QAM	36	0	19.29	19.39	19.39	19.33	19.40		
15	256QAM	36	20	19.31	19.27	19.39	19.19	19.24	21	5
15	256QAM	36	39	19.39	19.37	19.26	19.26	19.35		
15	256QAM	75	0	19.38	19.29	19.29	19.42	19.23		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	24.41	24.49	24.46	24.36	24.35		
10	QPSK	1	25	24.20	24.37	24.38	24.21	24.34	26.00	0
10	QPSK	1	49	24.41	24.40	24.34	24.33	24.36		
10	QPSK	25	0	23.32	23.45	23.56	23.49	23.39		
10	QPSK	25	12	23.43	23.37	23.33	23.15	23.36	25	1
10	QPSK	25	25	23.41	23.26	23.43	23.35	23.34		
10	QPSK	50	0	23.30	23.39	23.39	23.31	23.24		
10	16QAM	1	0	23.33	23.34	23.40	23.35	23.27		
10	16QAM	1	25	23.28	23.35	23.41	23.17	23.35	25	1
10	16QAM	1	49	23.33	23.43	23.24	23.42	23.41		
10	16QAM	25	0	22.41	22.23	22.29	22.43	22.25		
10	16QAM	25	12	22.35	22.48	22.22	22.22	22.40	24	2
10	16QAM	25	25	22.38	22.36	22.36	22.28	22.35		
10	16QAM	50	0	22.32	22.39	22.30	22.45	22.31		
10	64QAM	1	0	22.26	22.38	22.40	22.28	22.38		
10	64QAM	1	25	22.50	22.40	22.35	22.34	22.49	24	2
10	64QAM	1	49	22.35	22.43	22.29	22.30	22.23		
10	64QAM	25	0	21.25	21.34	21.39	21.48	21.37		
10	64QAM	25	12	21.38	21.42	21.30	21.16	21.44	23	3
10	64QAM	25	25	21.27	21.27	21.53	21.27	21.40		
10	64QAM	50	0	21.15	21.22	21.33	21.35	21.38		
10	256QAM	1	0	19.31	19.35	19.37	19.43	19.36		
10	256QAM	1	25	19.52	19.40	19.35	19.20	19.37	21	5
10	256QAM	1	49	19.31	19.36	19.29	19.34	19.25		
10	256QAM	25	0	19.35	19.43	19.30	19.27	19.37		
10	256QAM	25	12	19.33	19.31	19.37	19.29	19.30	21	5
10	256QAM	25	25	19.34	19.37	19.29	19.30	19.24		
10	256QAM	50	0	19.36	19.24	19.35	19.42	19.22		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	(dBm)	(dB)
5	QPSK	1	0	24.35	24.39	24.50	24.38	24.31		
5	QPSK	1	12	24.22	24.37	24.33	24.20	24.31	26.00	0
5	QPSK	1	24	24.34	24.35	24.37	24.36	24.42		
5	QPSK	12	0	23.37	23.38	23.57	23.43	23.42		
5	QPSK	12	7	23.40	23.32	23.31	23.23	23.34	25	1
5	QPSK	12	13	23.40	23.29	23.36	23.29	23.38		
5	QPSK	25	0	23.36	23.34	23.38	23.29	23.31		
5	16QAM	1	0	23.30	23.36	23.36	23.38	23.31		
5	16QAM	1	12	23.34	23.37	23.32	23.22	23.34	25	1
5	16QAM	1	24	23.35	23.32	23.28	23.43	23.38		
5	16QAM	12	0	22.34	22.29	22.38	22.47	22.18		
5	16QAM	12	7	22.31	22.41	22.30	22.31	22.37	24	2
5	16QAM	12	13	22.40	22.30	22.38	22.35	22.29		
5	16QAM	25	0	22.31	22.38	22.36	22.53	22.37		
5	64QAM	1	0	22.28	22.47	22.43	22.32	22.38		
5	64QAM	1	12	22.49	22.50	22.33	22.28	22.51	24	2
5	64QAM	1	24	22.35	22.42	22.32	22.33	22.35		
5	64QAM	12	0	21.27	21.28	21.35	21.46	21.32		
5	64QAM	12	7	21.48	21.43	21.29	21.19	21.48	23	3
5	64QAM	12	13	21.37	21.34	21.53	21.33	21.31		
5	64QAM	25	0	21.22	21.23	21.40	21.37	21.39		
5	256QAM	1	0	19.36	19.37	19.37	19.38	19.32		
5	256QAM	1	12	19.55	19.47	19.34	19.24	19.32	21	5
5	256QAM	1	24	19.33	19.42	19.28	19.31	19.26		
5	256QAM	12	0	19.32	19.43	19.36	19.32	19.32		
5	256QAM	12	7	19.41	19.33	19.46	19.19	19.33	21	5
5	256QAM	12	13	19.33	19.42	19.33	19.25	19.31		
5	256QAM	25	0	19.33	19.21	19.34	19.35	19.30		

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	32.13	32.27	32.27	33.50	23.13	23.27	23.27	24.50
GPRS 1 Tx slot	31.99	32.19	32.19	33.50	22.99	23.19	23.19	24.50
GPRS 2 Tx slots	29.96	30.23	30.12	31.50	23.96	24.23	24.12	25.50
GPRS 3 Tx slots	28.38	28.55	28.46	29.50	24.12	24.29	24.20	25.24
GPRS 4 Tx slots	26.76	27.02	26.92	28.00	23.76	24.02	23.92	25.00
EDGE 1 Tx slot	26.12	26.15	26.12	27.00	17.12	17.15	17.12	18.00
EDGE 2 Tx slots	25.01	25.03	24.94	26.00	19.01	19.03	18.94	20.00
EDGE 3 Tx slots	23.40	23.48	23.54	24.50	19.14	19.22	19.28	20.24
EDGE 4 Tx slots	21.48	21.72	21.69	22.50	18.48	18.72	18.69	19.50

GSM1900 Ant 1	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	27.80	27.96	27.80	29.00	18.80	18.96	18.80	20.00
GPRS 1 Tx slot	27.72	27.93	27.72	29.00	18.72	18.93	18.72	20.00
GPRS 2 Tx slots	25.05	25.54	25.42	26.50	19.05	19.54	19.42	20.59
GPRS 3 Tx slots	23.90	23.76	23.71	25.00	19.64	19.50	19.45	20.74
GPRS 4 Tx slots	22.28	22.07	22.02	23.00	19.28	19.07	19.02	20.00
EDGE 1 Tx slot	23.56	23.52	23.41	24.50	14.56	14.52	14.41	15.50
EDGE 2 Tx slots	22.39	22.26	22.17	23.00	16.39	16.26	16.17	17.00
EDGE 3 Tx slots	20.76	20.76	20.62	22.00	16.50	16.50	16.36	17.74
EDGE 4 Tx slots	18.95	18.95	18.90	20.00	15.95	15.95	15.90	17.00

Band		WCDMA II Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)	WCDMA V Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.90	20.95	20.96	22.50	21.01	21.09	21.00	22.50	22.65	22.66	22.61	24.00
3GPP Rel 99	RMC 12.2Kbps	20.95	21.02	20.98	22.50	21.08	21.11	21.06	22.50	22.68	22.71	22.65	24.00
3GPP Rel 6	HSDPA Subtest-1	19.95	19.99	20.04	21.50	20.09	20.16	20.10	21.50	21.65	21.77	21.60	23.00
3GPP Rel 6	HSDPA Subtest-2	19.92	19.98	19.92	21.50	20.06	20.10	20.01	21.50	21.69	21.71	21.68	23.00
3GPP Rel 6	HSDPA Subtest-3	19.42	19.54	19.44	21.00	19.59	19.62	19.54	21.00	21.20	21.25	21.18	22.50
3GPP Rel 6	HSDPA Subtest-4	19.50	19.57	19.47	21.00	19.59	19.62	19.51	21.00	21.16	21.20	21.16	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.92	19.99	19.97	21.50	20.10	20.16	20.11	21.50	21.69	21.75	21.60	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.93	20.06	19.97	21.50	20.09	20.10	20.03	21.50	21.63	21.72	21.63	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.47	19.55	19.43	21.00	19.58	19.60	19.51	21.00	21.19	21.23	21.14	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.49	19.56	19.43	21.00	19.55	19.56	19.55	21.00	21.16	21.15	21.12	22.50
3GPP Rel 6	HSUPA Subtest-1	19.97	20.06	20.02	21.50	20.02	20.16	20.05	21.50	21.65	21.65	21.69	23.00
3GPP Rel 6	HSUPA Subtest-2	17.94	18.01	18.02	19.50	18.08	18.08	18.04	19.50	19.64	19.66	19.66	21.00
3GPP Rel 6	HSUPA Subtest-3	18.92	18.97	18.99	20.50	19.03	19.13	19.03	20.50	20.71	20.75	20.66	22.00
3GPP Rel 6	HSUPA Subtest-4	17.96	17.96	17.93	19.50	18.06	18.10	18.02	19.50	19.71	19.73	19.62	21.00
3GPP Rel 6	HSUPA Subtest-5	19.94	19.99	19.97	21.50	20.10	20.06	20.04	21.50	21.66	21.73	21.59	23.00

Band 2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.12	21.15	21.09	22.5	0
20	QPSK	1	49	21.00	21.06	20.95		
20	QPSK	1	99	20.97	21.06	21.06		
20	QPSK	50	0	20.12	20.19	20.13		
20	QPSK	50	24	20.05	20.11	19.94	21.5	1
20	QPSK	50	50	19.91	20.01	20.11		
20	QPSK	100	0	20.08	20.15	20.06		
20	16QAM	1	0	20.02	20.09	20.04		
20	16QAM	1	49	19.99	20.05	19.82	21.5	1
20	16QAM	1	99	19.84	19.96	19.98		
20	16QAM	50	0	19.09	19.18	19.10		
20	16QAM	50	24	19.01	19.07	18.94	20.5	2
20	16QAM	50	50	18.91	19.04	19.12		
20	16QAM	100	0	19.14	19.18	19.01		
20	64QAM	1	0	18.98	19.13	19.07		
20	64QAM	1	49	18.97	19.04	18.81	20.5	2
20	64QAM	1	99	18.88	18.94	19.03		
20	64QAM	50	0	18.15	18.17	18.14		
20	64QAM	50	24	18.07	18.13	17.90	19.5	3
20	64QAM	50	50	17.97	18.07	18.07		
20	64QAM	100	0	18.04	18.14	18.01		
20	256QAM	1	0	16.12	16.16	16.14		
20	256QAM	1	49	16.04	16.06	15.92	17.5	5
20	256QAM	1	99	15.95	16.01	16.14		
20	256QAM	50	0	16.06	16.09	16.04		
20	256QAM	50	24	15.96	16.04	16.09	17.5	5
20	256QAM	50	50	16.02	16.04	15.96		
20	256QAM	100	0	15.81	15.95	16.01		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.06	21.12	20.99	22.5	0
15	QPSK	1	37	20.94	20.98	20.88		
15	QPSK	1	74	20.90	20.88	20.98		
15	QPSK	36	0	20.05	20.09	20.08		
15	QPSK	36	20	19.91	20.08	19.86	21.5	1
15	QPSK	36	39	19.82	19.96	20.03		
15	QPSK	75	0	20.04	20.10	19.93		
15	16QAM	1	0	19.88	19.99	19.99		
15	16QAM	1	37	19.85	19.92	19.75	21.5	1
15	16QAM	1	74	19.74	19.91	19.85		
15	16QAM	36	0	18.95	19.11	18.99		
15	16QAM	36	20	18.90	19.04	18.80	20.5	2
15	16QAM	36	39	18.79	18.98	19.06		
15	16QAM	75	0	19.06	19.10	18.91		
15	64QAM	1	0	18.90	19.00	18.99		
15	64QAM	1	37	18.88	18.90	18.76	20.5	2
15	64QAM	1	74	18.80	18.91	18.96		
15	64QAM	36	0	18.00	18.09	18.02		
15	64QAM	36	20	18.01	17.98	17.94	19.5	3
15	64QAM	36	39	17.85	18.02	18.00		
15	64QAM	75	0	17.98	17.99	17.86		
15	256QAM	1	0	16.08	16.05	16.02		
15	256QAM	1	37	15.92	15.92	15.94	17.5	5
15	256QAM	1	74	15.84	15.97	16.10		
15	256QAM	36	0	16.01	16.05	15.90		
15	256QAM	36	20	15.88	15.92	16.04	17.5	5
15	256QAM	36	39	15.91	15.97	15.73		
15	256QAM	75	0	15.71	15.81	15.88		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.97	21.07	21.00	22.5	0
10	QPSK	1	25	20.86	21.01	20.80		
10	QPSK	1	49	20.85	20.88	20.95		
10	QPSK	25	0	20.09	20.13	19.98	21.5	1
10	QPSK	25	12	19.93	19.98	19.90		
10	QPSK	25	25	19.77	19.89	20.02		
10	QPSK	50	0	19.95	20.03	20.02		
10	16QAM	1	0	19.97	20.05	19.90		
10	16QAM	1	25	19.89	20.02	19.67	21.5	1
10	16QAM	1	49	19.72	19.86	19.85		
10	16QAM	25	0	18.95	19.11	19.05		
10	16QAM	25	12	18.87	18.97	18.83	20.5	2
10	16QAM	25	25	18.78	18.98	19.00		
10	16QAM	50	0	19.07	19.09	18.95		
10	64QAM	1	0	18.89	19.02	18.92		
10	64QAM	1	25	18.94	18.94	18.68	20.5	2
10	64QAM	1	49	18.84	18.82	18.94		
10	64QAM	25	0	18.11	18.06	18.07		
10	64QAM	25	12	17.94	17.99	17.81	19.5	3
10	64QAM	25	25	17.94	17.94	18.02		
10	64QAM	50	0	17.95	18.08	17.91		
10	256QAM	1	0	16.06	16.03	16.11		
10	256QAM	1	25	15.97	15.98	15.83	17.5	5
10	256QAM	1	49	15.91	15.92	16.05		
10	256QAM	25	0	15.93	16.01	15.89		
10	256QAM	25	12	15.83	16.00	16.00	17.5	5
10	256QAM	25	25	15.92	15.95	15.77		
10	256QAM	50	0	15.68	15.85	15.92		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.99	21.05	21.00	22.5	0
5	QPSK	1	12	20.93	21.03	20.92		
5	QPSK	1	24	20.91	20.91	20.97		
5	QPSK	12	0	20.03	20.05	20.01		
5	QPSK	12	7	20.00	20.00	19.99	21.5	1
5	QPSK	12	13	19.87	19.93	20.07		
5	QPSK	25	0	19.93	20.09	19.94		
5	16QAM	1	0	19.98	20.06	19.94		
5	16QAM	1	12	19.91	19.94	19.77	21.5	1
5	16QAM	1	24	19.80	19.91	19.83		
5	16QAM	12	0	19.04	19.13	18.97		
5	16QAM	12	7	18.90	18.97	18.87	20.5	2
5	16QAM	12	13	18.83	18.92	19.02		
5	16QAM	25	0	19.01	19.06	18.93		
5	64QAM	1	0	18.94	19.09	18.97		
5	64QAM	1	12	18.89	18.98	18.69	20.5	2
5	64QAM	1	24	18.84	18.85	18.93		
5	64QAM	12	0	18.07	18.05	18.03		
5	64QAM	12	7	17.98	17.99	17.75	19.5	3
5	64QAM	12	13	17.83	17.99	17.93		
5	64QAM	25	0	17.99	18.01	17.90		
5	256QAM	1	0	16.07	16.10	16.01		
5	256QAM	1	12	15.91	15.97	15.78	17.5	5
5	256QAM	1	24	15.88	15.93	16.03		
5	256QAM	12	0	16.03	15.93	15.93		
5	256QAM	12	7	15.83	15.90	15.99	17.5	5
5	256QAM	12	13	15.90	15.93	15.74		
5	256QAM	25	0	15.78	15.85	15.88		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.08	21.03	21.01	22.5	0
3	QPSK	1	8	20.87	20.91	20.89		
3	QPSK	1	14	20.84	20.96	21.03		
3	QPSK	8	0	19.99	20.10	20.08		
3	QPSK	8	4	19.93	20.01	19.84	21.5	1
3	QPSK	8	7	19.78	19.90	20.08		
3	QPSK	15	0	19.98	20.10	19.97		
3	16QAM	1	0	19.94	19.96	19.94		
3	16QAM	1	8	19.87	19.95	19.73	21.5	1
3	16QAM	1	14	19.80	19.88	19.93		
3	16QAM	8	0	18.94	19.06	19.04		
3	16QAM	8	4	18.94	18.93	18.91	20.5	2
3	16QAM	8	7	18.84	18.92	18.98		
3	16QAM	15	0	19.09	19.12	18.93		
3	64QAM	1	0	18.93	18.99	19.02		
3	64QAM	1	8	18.91	18.98	18.67	20.5	2
3	64QAM	1	14	18.75	18.90	18.88		
3	64QAM	8	0	18.05	18.07	17.99		
3	64QAM	8	4	17.92	18.00	17.83	19.5	3
3	64QAM	8	7	17.88	17.95	18.01		
3	64QAM	15	0	17.91	18.04	17.90		
3	256QAM	1	0	15.98	16.07	16.11		
3	256QAM	1	8	15.94	15.91	15.82	17.5	5
3	256QAM	1	14	15.83	15.90	16.09		
3	256QAM	8	0	16.00	15.94	15.92		
3	256QAM	8	4	15.81	15.91	15.95		
3	256QAM	8	7	15.96	15.96	15.81		
3	256QAM	15	0	15.70	15.82	15.87		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.97	21.05	20.94	22.5	0
1.4	QPSK	1	3	20.90	21.01	20.82		
1.4	QPSK	1	5	20.93	20.96	20.95		
1.4	QPSK	3	0	20.83	20.95	20.82		
1.4	QPSK	3	1	20.76	20.96	20.77		
1.4	QPSK	3	3	20.82	20.84	20.85		
1.4	QPSK	6	0	19.95	20.09	19.96	21.5	1
1.4	16QAM	1	0	19.92	19.96	19.91	21.5	1
1.4	16QAM	1	3	19.86	19.92	19.75		
1.4	16QAM	1	5	19.77	19.92	19.88		
1.4	16QAM	3	0	19.88	19.96	19.92		
1.4	16QAM	3	1	19.85	19.83	19.84		
1.4	16QAM	3	3	19.79	19.78	19.68		
1.4	16QAM	6	0	19.02	19.13	18.93	20.5	2
1.4	64QAM	1	0	18.84	18.99	18.96	20.5	2
1.4	64QAM	1	3	18.84	18.95	18.75		
1.4	64QAM	1	5	18.77	18.85	18.89		
1.4	64QAM	3	0	18.91	19.09	18.81		
1.4	64QAM	3	1	18.78	18.95	18.88		
1.4	64QAM	3	3	18.73	18.82	18.66		
1.4	64QAM	6	0	17.97	18.06	17.94	19.5	3
1.4	256QAM	1	0	16.03	16.09	16.01	17.5	5
1.4	256QAM	1	3	15.99	15.91	15.83		
1.4	256QAM	1	5	15.86	15.89	15.99		
1.4	256QAM	3	0	16.00	16.05	15.91		
1.4	256QAM	3	1	15.89	15.98	16.05		
1.4	256QAM	3	3	15.93	15.92	15.71		
1.4	256QAM	6	0	15.66	15.85	15.88	17.5	5

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.22	21.29	21.25	22.5	0
20	QPSK	1	49	21.19	21.14	21.18		
20	QPSK	1	99	21.17	21.24	21.17		
20	QPSK	50	0	20.20	20.31	20.25		
20	QPSK	50	24	20.21	20.18	20.23	21.5	1
20	QPSK	50	50	20.19	20.28	20.16		
20	QPSK	100	0	20.19	20.29	20.25		
20	16QAM	1	0	20.15	20.19	20.18		
20	16QAM	1	49	20.16	20.09	20.16	21.5	1
20	16QAM	1	99	20.09	20.24	20.06		
20	16QAM	50	0	19.15	19.24	19.27		
20	16QAM	50	24	19.21	19.20	19.23	20.5	2
20	16QAM	50	50	19.23	19.24	19.13		
20	16QAM	100	0	19.25	19.30	19.19		
20	64QAM	1	0	19.16	19.18	19.13		
20	64QAM	1	49	19.11	19.13	19.13	20.5	2
20	64QAM	1	99	19.08	19.21	19.12		
20	64QAM	50	0	18.22	18.27	18.22		
20	64QAM	50	24	18.22	18.21	18.24	19.5	3
20	64QAM	50	50	18.19	18.25	18.13		
20	64QAM	100	0	18.13	18.33	18.19		
20	256QAM	1	0	16.21	16.29	16.27		
20	256QAM	1	49	16.15	16.23	16.24	17.5	5
20	256QAM	1	99	16.16	16.27	16.15		
20	256QAM	50	0	16.18	16.29	16.24		
20	256QAM	50	24	16.13	16.20	16.24	17.5	5
20	256QAM	50	50	16.11	16.14	16.16		
20	256QAM	100	0	16.05	16.19	16.06		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.10	21.17	21.20	22.5	0
15	QPSK	1	37	21.07	21.01	21.13		
15	QPSK	1	74	21.09	21.09	21.07		
15	QPSK	36	0	20.11	20.22	20.11		
15	QPSK	36	20	20.18	20.12	20.12	21.5	1
15	QPSK	36	39	20.14	20.24	20.07		
15	QPSK	75	0	20.07	20.18	20.19		
15	16QAM	1	0	20.08	20.15	20.08		
15	16QAM	1	37	20.06	19.95	20.02	21.5	1
15	16QAM	1	74	20.05	20.15	19.95		
15	16QAM	36	0	19.04	19.27	19.23		
15	16QAM	36	20	19.15	19.07	19.12	20.5	2
15	16QAM	36	39	19.18	19.13	19.01		
15	16QAM	75	0	19.13	19.27	19.07		
15	64QAM	1	0	19.05	19.08	19.09		
15	64QAM	1	37	19.02	19.06	19.09	20.5	2
15	64QAM	1	74	18.96	19.13	18.98		
15	64QAM	36	0	18.08	18.22	18.07		
15	64QAM	36	20	18.15	18.07	18.15	19.5	3
15	64QAM	36	39	18.15	18.11	18.05		
15	64QAM	75	0	18.00	18.18	18.13		
15	256QAM	1	0	16.07	16.25	16.23		
15	256QAM	1	37	16.10	16.15	16.11	17.5	5
15	256QAM	1	74	16.07	16.15	16.08		
15	256QAM	36	0	16.13	16.24	16.17		
15	256QAM	36	20	16.07	16.14	16.21	17.5	5
15	256QAM	36	39	15.98	16.08	16.05		
15	256QAM	75	0	15.97	16.16	15.96		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.11	21.18	21.19	22.5	0
10	QPSK	1	25	21.10	21.03	21.04		
10	QPSK	1	49	21.07	21.21	21.08		
10	QPSK	25	0	20.07	20.27	20.12		
10	QPSK	25	12	20.10	20.05	20.18	21.5	1
10	QPSK	25	25	20.11	20.14	20.12		
10	QPSK	50	0	20.06	20.21	20.20		
10	16QAM	1	0	20.12	20.04	20.14		
10	16QAM	1	25	20.12	20.05	20.06	21.5	1
10	16QAM	1	49	20.09	20.20	19.99		
10	16QAM	25	0	19.07	19.23	19.15		
10	16QAM	25	12	19.16	19.12	19.10	20.5	2
10	16QAM	25	25	19.10	19.19	19.08		
10	16QAM	50	0	19.11	19.20	19.14		
10	64QAM	1	0	19.08	19.11	19.01		
10	64QAM	1	25	19.04	19.05	19.09	20.5	2
10	64QAM	1	49	18.93	19.14	19.07		
10	64QAM	25	0	18.16	18.17	18.10		
10	64QAM	25	12	18.18	18.08	18.18	19.5	3
10	64QAM	25	25	18.08	18.19	18.08		
10	64QAM	50	0	18.00	18.19	18.12		
10	256QAM	1	0	16.12	16.21	16.17		
10	256QAM	1	25	16.11	16.11	16.19	17.5	5
10	256QAM	1	49	16.03	16.21	16.02		
10	256QAM	25	0	16.08	16.25	16.10		
10	256QAM	25	12	16.03	16.10	16.14	17.5	5
10	256QAM	25	25	16.02	16.05	16.07		
10	256QAM	50	0	15.91	16.05	16.01		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.17	21.21	21.16	22.5	0
5	QPSK	1	12	21.14	21.06	21.08		
5	QPSK	1	24	21.09	21.13	21.10		
5	QPSK	12	0	20.07	20.23	20.17		
5	QPSK	12	7	20.09	20.07	20.18	21.5	1
5	QPSK	12	13	20.14	20.13	20.01		
5	QPSK	25	0	20.06	20.19	20.16		
5	16QAM	1	0	20.12	20.09	20.07		
5	16QAM	1	12	20.05	19.95	20.08	21.5	1
5	16QAM	1	24	19.99	20.13	19.92		
5	16QAM	12	0	19.08	19.20	19.22		
5	16QAM	12	7	19.10	19.06	19.09	20.5	2
5	16QAM	12	13	19.13	19.17	19.06		
5	16QAM	25	0	19.13	19.24	19.06		
5	64QAM	1	0	19.08	19.13	18.99		
5	64QAM	1	12	19.01	18.98	19.03	20.5	2
5	64QAM	1	24	19.02	19.14	18.97		
5	64QAM	12	0	18.12	18.14	18.13		
5	64QAM	12	7	18.07	18.10	18.09	19.5	3
5	64QAM	12	13	18.10	18.13	18.04		
5	64QAM	25	0	18.07	18.25	18.14		
5	256QAM	1	0	16.09	16.22	16.23		
5	256QAM	1	12	16.03	16.19	16.13	17.5	5
5	256QAM	1	24	16.04	16.19	16.04		
5	256QAM	12	0	16.08	16.20	16.20		
5	256QAM	12	7	16.06	16.12	16.15	17.5	5
5	256QAM	12	13	16.07	15.99	16.09		
5	256QAM	25	0	15.92	16.08	16.03		
Channel				19950	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.15	21.22	21.15	22.5	0
3	QPSK	1	8	21.15	21.10	21.04		
3	QPSK	1	14	21.07	21.19	21.13		
3	QPSK	8	0	20.11	20.22	20.20		
3	QPSK	8	4	20.08	20.04	20.18	21.5	1
3	QPSK	8	7	20.06	20.23	20.03		
3	QPSK	15	0	20.11	20.21	20.15		
3	16QAM	1	0	20.04	20.09	20.07		
3	16QAM	1	8	20.09	20.00	20.12	21.5	1
3	16QAM	1	14	19.95	20.11	19.99		
3	16QAM	8	0	19.11	19.17	19.24		
3	16QAM	8	4	19.07	19.07	19.13	20.5	2
3	16QAM	8	7	19.10	19.11	19.09		
3	16QAM	15	0	19.20	19.18	19.05		
3	64QAM	1	0	19.07	19.04	18.98		
3	64QAM	1	8	18.99	19.06	19.02	20.5	2
3	64QAM	1	14	18.94	19.16	19.00		
3	64QAM	8	0	18.14	18.18	18.09		
3	64QAM	8	4	18.15	18.17	18.13	19.5	3
3	64QAM	8	7	18.12	18.21	18.02		
3	64QAM	15	0	17.99	18.19	18.11		
3	256QAM	1	0	16.15	16.22	16.18		
3	256QAM	1	8	16.06	16.13	16.19	17.5	5
3	256QAM	1	14	16.04	16.19	16.01		
3	256QAM	8	0	16.08	16.19	16.10		
3	256QAM	8	4	16.07	16.14	16.17	17.5	5
3	256QAM	8	7	16.02	16.06	16.10		
3	256QAM	15	0	15.94	16.15	16.01		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.17	21.16	21.16	22.5	0
1.4	QPSK	1	3	21.07	21.03	21.08		
1.4	QPSK	1	5	21.13	21.19	21.08		
1.4	QPSK	3	0	21.06	21.09	21.10		
1.4	QPSK	3	1	21.02	20.97	21.03		
1.4	QPSK	3	3	21.04	21.07	20.99		
1.4	QPSK	6	0	20.15	20.26	20.12	21.5	1
1.4	16QAM	1	0	20.08	20.06	20.03	21.5	1
1.4	16QAM	1	3	20.04	20.05	20.10		
1.4	16QAM	1	5	20.03	20.19	20.02		
1.4	16QAM	3	0	20.03	20.15	20.01		
1.4	16QAM	3	1	19.99	20.02	19.95		
1.4	16QAM	3	3	19.89	20.01	20.00		
1.4	16QAM	6	0	19.18	19.17	19.09	20.5	2
1.4	64QAM	1	0	19.04	19.08	19.00	20.5	2
1.4	64QAM	1	3	19.08	19.00	19.03		
1.4	64QAM	1	5	19.00	19.15	18.99		
1.4	64QAM	3	0	19.14	19.10	19.04		
1.4	64QAM	3	1	18.92	18.99	18.95		
1.4	64QAM	3	3	19.02	18.96	18.95		
1.4	64QAM	6	0	18.07	18.22	18.15	19.5	3
1.4	256QAM	1	0	16.17	16.23	16.14	17.5	5
1.4	256QAM	1	3	16.01	16.12	16.11		
1.4	256QAM	1	5	16.06	16.17	16.03		
1.4	256QAM	3	0	16.05	16.23	16.10		
1.4	256QAM	3	1	16.06	16.16	16.13		
1.4	256QAM	3	3	16.02	16.03	16.09		
1.4	256QAM	6	0	15.96	16.13	15.93	17.5	5

Band 5 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.65	22.70	22.61	24	0
10	QPSK	1	25	22.60	22.58	22.49		
10	QPSK	1	49	22.62	22.66	22.54		
10	QPSK	25	0	21.64	21.69	21.67		
10	QPSK	25	12	21.64	21.58	21.43	23	1
10	QPSK	25	25	21.63	21.64	21.56		
10	QPSK	50	0	21.63	21.67	21.65		
10	16QAM	1	0	21.51	21.59	21.61		
10	16QAM	1	25	21.56	21.46	21.34	23	1
10	16QAM	1	49	21.54	21.50	21.52		

Band 12 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.48	22.50	22.46	24	0
10	QPSK	1	25	22.40	22.44	22.35		
10	QPSK	1	49	22.38	22.39	22.41		
10	QPSK	25	0	21.46	21.52	21.48	23	1
10	QPSK	25	12	21.36	21.46	21.40		
10	QPSK	25	25	21.40	21.40	21.44		
10	QPSK	50	0	21.45	21.49	21.47		
10	16QAM	1	0	21.36	21.47	21.41	23	1
10	16QAM	1	25	21.31	21.35	21.37		
10	16QAM	1	49	21.30	21.33	21.40		
10	16QAM	25	0	20.40	20.53	20.43	22	2
10	16QAM	25	12	20.40	20.42	20.41		
10	16QAM	25	25	20.46	20.43	20.45		
10	16QAM	50	0	20.48	20.46	20.49		
10	64QAM	1	0	20.40	20.46	20.38	22	2
10	64QAM	1	25	20.26	20.39	20.37		
10	64QAM	1	49	20.28	20.27	20.42		
10	64QAM	25	0	19.45	19.52	19.51	21	3
10	64QAM	25	12	19.40	19.51	19.34		
10	64QAM	25	25	19.36	19.39	19.41		
10	64QAM	50	0	19.46	19.51	19.43		
10	256QAM	1	0	17.51	17.54	17.53	19	5
10	256QAM	1	25	17.30	17.41	17.40		
10	256QAM	1	49	17.36	17.39	17.45		
10	256QAM	25	0	17.48	17.47	17.53	19	5
10	256QAM	25	12	17.38	17.42	17.39		
10	256QAM	25	25	17.25	17.37	17.41		
10	256QAM	50	0	17.24	17.33	17.36		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.34	22.43	22.41	24	0
5	QPSK	1	12	22.34	22.34	22.22		
5	QPSK	1	24	22.25	22.27	22.36		
5	QPSK	12	0	21.38	21.45	21.34	23	1
5	QPSK	12	7	21.25	21.40	21.28		
5	QPSK	12	13	21.26	21.35	21.31		
5	QPSK	25	0	21.32	21.42	21.38		
5	16QAM	1	0	21.22	21.41	21.29	23	1
5	16QAM	1	12	21.19	21.30	21.32		
5	16QAM	1	24	21.25	21.29	21.30		
5	16QAM	12	0	20.37	20.48	20.35	22	2
5	16QAM	12	7	20.27	20.29	20.30		
5	16QAM	12	13	20.33	20.37	20.38		
5	16QAM	25	0	20.45	20.34	20.36		
5	64QAM	1	0	20.25	20.40	20.33	22	2
5	64QAM	1	12	20.22	20.24	20.34		
5	64QAM	1	24	20.18	20.13	20.30		
5	64QAM	12	0	19.39	19.45	19.44	21	3
5	64QAM	12	7	19.37	19.46	19.19		
5	64QAM	12	13	19.29	19.26	19.36		
5	64QAM	25	0	19.35	19.45	19.31		
5	256QAM	1	0	17.44	17.50	17.49	19	5
5	256QAM	1	12	17.17	17.32	17.26		
5	256QAM	1	24	17.32	17.28	17.39		
5	256QAM	12	0	17.36	17.42	17.41	19	5
5	256QAM	12	7	17.26	17.30	17.35		
5	256QAM	12	13	17.11	17.26	17.35		
5	256QAM	25	0	17.14	17.19	17.21		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.39	22.36	22.32	24	0
3	QPSK	1	8	22.31	22.37	22.23		
3	QPSK	1	14	22.25	22.24	22.37		
3	QPSK	8	0	21.42	21.39	21.35	23	1
3	QPSK	8	4	21.22	21.39	21.27		
3	QPSK	8	7	21.29	21.33	21.41		
3	QPSK	15	0	21.41	21.35	21.38		
3	16QAM	1	0	21.28	21.35	21.30	23	1
3	16QAM	1	8	21.23	21.24	21.23		
3	16QAM	1	14	21.16	21.21	21.31		
3	16QAM	8	0	20.32	20.43	20.38	22	2
3	16QAM	8	4	20.30	20.27	20.33		
3	16QAM	8	7	20.41	20.34	20.36		
3	16QAM	15	0	20.36	20.32	20.35		
3	64QAM	1	0	20.34	20.41	20.30	22	2
3	64QAM	1	8	20.18	20.32	20.27		
3	64QAM	1	14	20.17	20.24	20.29		
3	64QAM	8	0	19.35	19.45	19.42	21	3
3	64QAM	8	4	19.35	19.45	19.20		
3	64QAM	8	7	19.32	19.35	19.37		
3	64QAM	15	0	19.41	19.47	19.35		
3	256QAM	1	0	17.39	17.41	17.44	19	5
3	256QAM	1	8	17.21	17.31	17.33		
3	256QAM	1	14	17.23	17.25	17.31		
3	256QAM	8	0	17.43	17.35	17.38	19	5
3	256QAM	8	4	17.34	17.36	17.28		
3	256QAM	8	7	17.18	17.27	17.29		
3	256QAM	15	0	17.19	17.20	17.24		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.39	22.37	22.35	24	0
1.4	QPSK	1	3	22.31	22.41	22.25		
1.4	QPSK	1	5	22.34	22.24	22.38		
1.4	QPSK	3	0	22.34	22.24	22.24		
1.4	QPSK	3	1	22.17	22.27	22.11		
1.4	QPSK	3	3	22.28	22.10	22.33		
1.4	QPSK	6	0	21.35	21.44	21.35	23	1
1.4	16QAM	1	0	21.28	21.39	21.30	23	1
1.4	16QAM	1	3	21.18	21.23	21.30		
1.4	16QAM	1	5	21.21	21.26	21.35		
1.4	16QAM	3	0	21.31	21.34	21.24		
1.4	16QAM	3	1	21.19	21.26	21.20		
1.4	16QAM	3	3	21.10	21.17	21.18		
1.4	16QAM	6	0	20.34	20.37	20.39	22	2
1.4	64QAM	1	0	20.30	20.35	20.28	22	2
1.4	64QAM	1	3	20.15	20.33	20.32		
1.4	64QAM	1	5	20.15	20.20	20.36		
1.4	64QAM	3	0	20.21	20.25	20.33		
1.4	64QAM	3	1	20.20	20.27	20.21		
1.4	64QAM	3	3	20.11	20.18	20.25		
1.4	64QAM	6	0	19.34	19.39	19.30	21	3
1.4	256QAM	1	0	17.39	17.50	17.39	19	5
1.4	256QAM	1	3	17.17	17.31	17.36		
1.4	256QAM	1	5	17.30	17.28	17.36		
1.4	256QAM	3	0	17.33	17.41	17.44		
1.4	256QAM	3	1	17.32	17.28	17.26		
1.4	256QAM	3	3	17.13	17.31	17.31		
1.4	256QAM	6	0	17.16	17.28	17.29	19	5

Band 13 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.43		24	0
10	QPSK	1	25		22.40			
10	QPSK	1	49		22.38			
10	QPSK	25	0		21.48		23	1
10	QPSK	25	12		21.46			
10	QPSK	25	25		21.34			
10	QPSK	50	0		21.46			
10	16QAM	1	0		21.39		23	1
10	16QAM	1	25		21.44			
10	16QAM	1	49		21.24			
10	16QAM	25	0		20.51		22	2
10	16QAM	25	12		20.43			
10	16QAM	25	25		20.39			
10	16QAM	50	0		20.43			
10	64QAM	1	0		20.43		22	2
10	64QAM	1	25		20.40			
10	64QAM	1	49		20.21			
10	64QAM	25	0		19.47		21	3
10	64QAM	25	12		19.48			
10	64QAM	25	25		19.38			
10	64QAM	50	0		19.49			
10	256QAM	1	0		17.45		19	5
10	256QAM	1	25		17.44			
10	256QAM	1	49		17.39			
10	256QAM	25	0		17.45		19	5
10	256QAM	25	12		17.39			
10	256QAM	25	25		17.39			
10	256QAM	50	0		17.26			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.32	22.34	22.33	24	0
5	QPSK	1	12	22.32	22.36	22.32		
5	QPSK	1	24	22.30	22.24	22.35		
5	QPSK	12	0	21.39	21.44	21.35	23	1
5	QPSK	12	7	21.37	21.40	21.36		
5	QPSK	12	13	21.25	21.21	21.21		
5	QPSK	25	0	21.42	21.42	21.39		
5	16QAM	1	0	21.34	21.24	21.31	23	1
5	16QAM	1	12	21.34	21.39	21.37		
5	16QAM	1	24	21.18	21.12	21.20		
5	16QAM	12	0	20.39	20.45	20.39	22	2
5	16QAM	12	7	20.39	20.40	20.39		
5	16QAM	12	13	20.30	20.30	20.26		
5	16QAM	25	0	20.34	20.28	20.32		
5	64QAM	1	0	20.36	20.38	20.33	22	2
5	64QAM	1	12	20.28	20.37	20.28		
5	64QAM	1	24	20.14	20.08	20.16		
5	64QAM	12	0	19.40	19.44	19.36	21	3
5	64QAM	12	7	19.38	19.38	19.42		
5	64QAM	12	13	19.32	19.24	19.29		
5	64QAM	25	0	19.45	19.42	19.44		
5	256QAM	1	0	17.35	17.40	17.41	19	5
5	256QAM	1	12	17.37	17.41	17.33		
5	256QAM	1	24	17.36	17.31	17.28		
5	256QAM	12	0	17.33	17.34	17.39	19	5
5	256QAM	12	7	17.26	17.28	17.31		
5	256QAM	12	13	17.36	17.36	17.25		
5	256QAM	25	0	17.12	17.11	17.23		

Band 17 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.34	22.38	22.33	24	0
10	QPSK	1	25	22.32	22.35	22.25		
10	QPSK	1	49	22.30	22.26	22.28		
10	QPSK	25	0	21.35	21.45	21.37	23	1
10	QPSK	25	12	21.30	21.39	21.31		
10	QPSK	25	25	21.33	21.33	21.30		
10	QPSK	50	0	21.31	21.37	21.35		
10	16QAM	1	0	21.29	21.41	21.29	23	1
10	16QAM	1	25	21.24	21.25	21.27		
10	16QAM	1	49	21.23	21.30	21.31		
10	16QAM	25	0	20.37	20.47	20.35	22	2
10	16QAM	25	12	20.27	20.37	20.38		
10	16QAM	25	25	20.38	20.39	20.34		
10	16QAM	50	0	20.35	20.34	20.45		
10	64QAM	1	0	20.28	20.43	20.26	22	2
10	64QAM	1	25	20.17	20.32	20.25		
10	64QAM	1	49	20.15	20.21	20.35		
10	64QAM	25	0	19.41	19.45	19.44	21	3
10	64QAM	25	12	19.35	19.45	19.30		
10	64QAM	25	25	19.30	19.34	19.32		
10	64QAM	50	0	19.40	19.48	19.32		
10	256QAM	1	0	17.47	17.50	17.49	19	5
10	256QAM	1	25	17.24	17.37	17.27		
10	256QAM	1	49	17.32	17.34	17.31		
10	256QAM	25	0	17.43	17.38	17.47	19	5
10	256QAM	25	12	17.26	17.35	17.28		
10	256QAM	25	25	17.11	17.25	17.27		
10	256QAM	50	0	17.17	17.25	17.29		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.31	22.35	22.28	24	0
5	QPSK	1	12	22.23	22.25	22.11		
5	QPSK	1	24	22.18	22.18	22.20		
5	QPSK	12	0	21.28	21.39	21.34	23	1
5	QPSK	12	7	21.21	21.25	21.24		
5	QPSK	12	13	21.27	21.20	21.16		
5	QPSK	25	0	21.17	21.27	21.30		
5	16QAM	1	0	21.16	21.27	21.22	23	1
5	16QAM	1	12	21.15	21.20	21.22		
5	16QAM	1	24	21.13	21.20	21.25		
5	16QAM	12	0	20.28	20.42	20.20	22	2
5	16QAM	12	7	20.19	20.26	20.32		
5	16QAM	12	13	20.33	20.33	20.23		
5	16QAM	25	0	20.23	20.21	20.35		
5	64QAM	1	0	20.16	20.29	20.16	22	2
5	64QAM	1	12	20.13	20.29	20.17		
5	64QAM	1	24	20.06	20.11	20.28		
5	64QAM	12	0	19.38	19.36	19.34	21	3
5	64QAM	12	7	19.23	19.30	19.22		
5	64QAM	12	13	19.21	19.20	19.27		
5	64QAM	25	0	19.30	19.36	19.19		
5	256QAM	1	0	17.39	17.41	17.35	19	5
5	256QAM	1	12	17.14	17.31	17.22		
5	256QAM	1	24	17.21	17.21	17.18		
5	256QAM	12	0	17.36	17.30	17.33	19	5
5	256QAM	12	7	17.20	17.24	17.17		
5	256QAM	12	13	17.02	17.15	17.20		
5	256QAM	25	0	17.11	17.12	17.18		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.71	22.77	22.61	24	0
15	QPSK	1	37	22.70	22.67	22.49		
15	QPSK	1	74	22.70	22.75	22.56		
15	QPSK	36	0	21.69	21.80	21.67	23	1
15	QPSK	36	20	21.72	21.67	21.46		
15	QPSK	36	39	21.64	21.70	21.65		
15	QPSK	75	0	21.63	21.76	21.74		
15	16QAM	1	0	21.56	21.59	21.62	23	1
15	16QAM	1	37	21.57	21.50	21.38		
15	16QAM	1	74	21.64	21.53	21.59		
15	16QAM	36	0	20.68	20.79	20.82	22	2
15	16QAM	36	20	20.68	20.70	20.54		
15	16QAM	36	39	20.61	20.67	20.65		
15	16QAM	75	0	20.76	20.76	20.62		
15	64QAM	1	0	20.56	20.71	20.67	22	2
15	64QAM	1	37	20.57	20.46	20.29		
15	64QAM	1	74	20.53	20.55	20.57		
15	64QAM	36	0	19.70	19.77	19.67	21	3
15	64QAM	36	20	19.78	19.71	19.46		
15	64QAM	36	39	19.75	19.72	19.53		
15	64QAM	75	0	19.68	19.76	19.78		
15	256QAM	1	0	17.78	17.82	17.72	19	5
15	256QAM	1	37	17.74	17.59	17.51		
15	256QAM	1	74	17.71	17.58	17.68		
15	256QAM	36	0	17.78	17.78	17.73	19	5
15	256QAM	36	20	17.49	17.59	17.58		
15	256QAM	36	39	17.66	17.45	17.30		
15	256QAM	75	0	17.55	17.51	17.52		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.56	22.67	22.55	24	0
10	QPSK	1	25	22.58	22.64	22.39		
10	QPSK	1	49	22.62	22.66	22.47		
10	QPSK	25	0	21.58	21.65	21.58	23	1
10	QPSK	25	12	21.62	21.59	21.37		
10	QPSK	25	25	21.49	21.57	21.57		
10	QPSK	50	0	21.49	21.64	21.69		
10	16QAM	1	0	21.50	21.48	21.49	23	1
10	16QAM	1	25	21.47	21.42	21.29		
10	16QAM	1	49	21.61	21.47	21.51		
10	16QAM	25	0	20.59	20.69	20.73	22	2
10	16QAM	25	12	20.56	20.55	20.43		
10	16QAM	25	25	20.51	20.55	20.61		
10	16QAM	50	0	20.62	20.66	20.57		
10	64QAM	1	0	20.43	20.66	20.56	22	2
10	64QAM	1	25	20.47	20.35	20.22		
10	64QAM	1	49	20.45	20.47	20.51		
10	64QAM	25	0	19.57	19.71	19.52	21	3
10	64QAM	25	12	19.66	19.64	19.31		
10	64QAM	25	25	19.70	19.69	19.48		
10	64QAM	50	0	19.61	19.68	19.64		
10	256QAM	1	0	17.74	17.67	17.65	19	5
10	256QAM	1	25	17.61	17.51	17.42		
10	256QAM	1	49	17.58	17.49	17.57		
10	256QAM	25	0	17.66	17.63	17.60	19	5
10	256QAM	25	12	17.39	17.46	17.45		
10	256QAM	25	25	17.52	17.36	17.18		
10	256QAM	50	0	17.51	17.42	17.39		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.66	22.65	22.48	24	0
5	QPSK	1	12	22.62	22.57	22.37		
5	QPSK	1	24	22.59	22.65	22.41		
5	QPSK	12	0	21.64	21.69	21.54	23	1
5	QPSK	12	7	21.69	21.61	21.40		
5	QPSK	12	13	21.51	21.58	21.50		
5	QPSK	25	0	21.60	21.67	21.71		
5	16QAM	1	0	21.51	21.45	21.55	23	1
5	16QAM	1	12	21.51	21.37	21.28		
5	16QAM	1	24	21.52	21.42	21.55		
5	16QAM	12	0	20.57	20.65	20.78	22	2
5	16QAM	12	7	20.58	20.62	20.42		
5	16QAM	12	13	20.53	20.60	20.61		
5	16QAM	25	0	20.62	20.72	20.54		
5	64QAM	1	0	20.46	20.64	20.62	22	2
5	64QAM	1	12	20.49	20.32	20.26		
5	64QAM	1	24	20.45	20.46	20.51		
5	64QAM	12	0	19.63	19.67	19.54	21	3
5	64QAM	12	7	19.71	19.64	19.34		
5	64QAM	12	13	19.64	19.59	19.41		
5	64QAM	25	0	19.58	19.71	19.70		
5	256QAM	1	0	17.66	17.69	17.69	19	5
5	256QAM	1	12	17.66	17.47	17.38		
5	256QAM	1	24	17.57	17.51	17.55		
5	256QAM	12	0	17.70	17.65	17.63	19	5
5	256QAM	12	7	17.45	17.47	17.50		
5	256QAM	12	13	17.59	17.39	17.25		
5	256QAM	25	0	17.43	17.47	17.39		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.59	22.70	22.49	24	0
3	QPSK	1	8	22.65	22.62	22.35		
3	QPSK	1	14	22.58	22.71	22.42		
3	QPSK	8	0	21.54	21.68	21.63	23	1
3	QPSK	8	4	21.66	21.64	21.38		
3	QPSK	8	7	21.56	21.57	21.56		
3	QPSK	15	0	21.50	21.65	21.64		
3	16QAM	1	0	21.44	21.52	21.56	23	1
3	16QAM	1	8	21.52	21.42	21.33		
3	16QAM	1	14	21.51	21.40	21.44		
3	16QAM	8	0	20.58	20.72	20.71	22	2
3	16QAM	8	4	20.55	20.57	20.51		
3	16QAM	8	7	20.55	20.53	20.55		
3	16QAM	15	0	20.62	20.64	20.57		
3	64QAM	1	0	20.44	20.67	20.57	22	2
3	64QAM	1	8	20.53	20.40	20.21		
3	64QAM	1	14	20.46	20.50	20.52		
3	64QAM	8	0	19.63	19.70	19.59	21	3
3	64QAM	8	4	19.68	19.64	19.36		
3	64QAM	8	7	19.62	19.57	19.49		
3	64QAM	15	0	19.64	19.62	19.67		
3	256QAM	1	0	17.74	17.72	17.61	19	5
3	256QAM	1	8	17.63	17.55	17.45		
3	256QAM	1	14	17.63	17.48	17.65		
3	256QAM	8	0	17.69	17.67	17.63	19	5
3	256QAM	8	4	17.42	17.47	17.50		
3	256QAM	8	7	17.60	17.37	17.24		
3	256QAM	15	0	17.41	17.42	17.44		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.62	22.64	22.47	24	0
1.4	QPSK	1	3	22.62	22.57	22.44		
1.4	QPSK	1	5	22.59	22.61	22.50		
1.4	QPSK	3	0	22.53	22.51	22.39		
1.4	QPSK	3	1	22.55	22.48	22.38		
1.4	QPSK	3	3	22.55	22.53	22.42		
1.4	QPSK	6	0	21.48	21.67	21.59	23	1
1.4	16QAM	1	0	21.52	21.65	21.50	23	1
1.4	16QAM	1	3	21.42	21.36	21.27		
1.4	16QAM	1	5	21.52	21.47	21.45		
1.4	16QAM	3	0	21.41	21.63	21.53		
1.4	16QAM	3	1	21.41	21.48	21.46		
1.4	16QAM	3	3	21.28	21.29	21.20		
1.4	16QAM	6	0	20.61	20.71	20.51	22	2
1.4	64QAM	1	0	20.42	20.64	20.55	22	2
1.4	64QAM	1	3	20.49	20.35	20.24		
1.4	64QAM	1	5	20.39	20.52	20.51		
1.4	64QAM	3	0	20.50	20.61	20.41		
1.4	64QAM	3	1	20.32	20.59	20.42		
1.4	64QAM	3	3	20.41	20.28	20.21		
1.4	64QAM	6	0	19.54	19.62	19.74	21	3
1.4	256QAM	1	0	17.74	17.74	17.63	19	5
1.4	256QAM	1	3	17.69	17.51	17.44		
1.4	256QAM	1	5	17.61	17.51	17.53		
1.4	256QAM	3	0	17.64	17.65	17.70		
1.4	256QAM	3	1	17.44	17.55	17.45		
1.4	256QAM	3	3	17.63	17.34	17.47		
1.4	256QAM	6	0	17.51	17.43	17.42	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.32	21.40	21.35	22.5	0
20	QPSK	1	49	21.25	21.22	21.27		
20	QPSK	1	99	21.21	21.24	21.24		
20	QPSK	50	0	20.20	20.36	20.27	21.5	1
20	QPSK	50	24	20.23	20.18	20.25		
20	QPSK	50	50	20.22	20.30	20.23		
20	QPSK	100	0	20.19	20.31	20.30		
20	16QAM	1	0	20.19	20.24	20.20	21.5	1
20	16QAM	1	49	20.27	20.14	20.22		
20	16QAM	1	99	20.17	20.24	20.13		
20	16QAM	50	0	19.24	19.42	19.30	20.5	2
20	16QAM	50	24	19.27	19.24	19.32		
20	16QAM	50	50	19.34	19.27	19.23		
20	16QAM	100	0	19.25	19.31	19.24		
20	64QAM	1	0	19.20	19.28	19.13	20.5	2
20	64QAM	1	49	19.15	19.23	19.18		
20	64QAM	1	99	19.11	19.30	19.18		
20	64QAM	50	0	18.29	18.35	18.28	19.5	3
20	64QAM	50	24	18.28	18.23	18.32		
20	64QAM	50	50	18.19	18.33	18.13		
20	64QAM	100	0	18.21	18.41	18.19		
20	256QAM	1	0	16.30	16.32	16.29	17.5	5
20	256QAM	1	49	16.25	16.31	16.28		
20	256QAM	1	99	16.17	16.32	16.15		
20	256QAM	50	0	16.26	16.30	16.30	17.5	5
20	256QAM	50	24	16.16	16.28	16.29		
20	256QAM	50	50	16.20	16.17	16.17		
20	256QAM	100	0	16.13	16.21	16.16		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.24	21.36	21.25	22.5	0
15	QPSK	1	37	21.20	21.09	21.14		
15	QPSK	1	74	21.16	21.15	21.15		
15	QPSK	36	0	20.16	20.24	20.13	21.5	1
15	QPSK	36	20	20.12	20.13	20.12		
15	QPSK	36	39	20.12	20.24	20.12		
15	QPSK	75	0	20.05	20.20	20.27		
15	16QAM	1	0	20.05	20.13	20.10	21.5	1
15	16QAM	1	37	20.20	20.11	20.14		
15	16QAM	1	74	20.11	20.21	20.07		
15	16QAM	36	0	19.10	19.30	19.20	20.5	2
15	16QAM	36	20	19.17	19.21	19.25		
15	16QAM	36	39	19.29	19.23	19.15		
15	16QAM	75	0	19.19	19.18	19.20		
15	64QAM	1	0	19.06	19.18	19.00	20.5	2
15	64QAM	1	37	19.08	19.10	19.10		
15	64QAM	1	74	19.03	19.21	19.08		
15	64QAM	36	0	18.20	18.27	18.13	19.5	3
15	64QAM	36	20	18.22	18.14	18.23		
15	64QAM	36	39	18.06	18.19	18.04		
15	64QAM	75	0	18.07	18.36	18.08		
15	256QAM	1	0	16.20	16.19	16.18	17.5	5
15	256QAM	1	37	16.11	16.25	16.18		
15	256QAM	1	74	16.12	16.23	16.11		
15	256QAM	36	0	16.17	16.21	16.15	17.5	5
15	256QAM	36	20	16.07	16.20	16.26		
15	256QAM	36	39	16.13	16.06	16.11		
15	256QAM	75	0	16.07	16.11	16.08		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.26	21.26	21.24	22.5	0
10	QPSK	1	25	21.15	21.13	21.18		
10	QPSK	1	49	21.11	21.14	21.17		
10	QPSK	25	0	20.15	20.24	20.22	21.5	1
10	QPSK	25	12	20.18	20.12	20.20		
10	QPSK	25	25	20.07	20.23	20.20		
10	QPSK	50	0	20.14	20.21	20.15		
10	16QAM	1	0	20.09	20.16	20.07	21.5	1
10	16QAM	1	25	20.19	20.09	20.11		
10	16QAM	1	49	20.08	20.13	20.01		
10	16QAM	25	0	19.13	19.31	19.22	20.5	2
10	16QAM	25	12	19.17	19.11	19.17		
10	16QAM	25	25	19.19	19.17	19.09		
10	16QAM	50	0	19.22	19.25	19.20		
10	64QAM	1	0	19.10	19.22	18.99	20.5	2
10	64QAM	1	25	19.08	19.19	19.10		
10	64QAM	1	49	19.08	19.17	19.08		
10	64QAM	25	0	18.23	18.25	18.20	19.5	3
10	64QAM	25	12	18.22	18.11	18.28		
10	64QAM	25	25	18.09	18.20	18.06		
10	64QAM	50	0	18.11	18.34	18.06		
10	256QAM	1	0	16.17	16.23	16.16	17.5	5
10	256QAM	1	25	16.12	16.27	16.23		
10	256QAM	1	49	16.07	16.26	16.03		
10	256QAM	25	0	16.18	16.24	16.25	17.5	5
10	256QAM	25	12	16.02	16.18	16.15		
10	256QAM	25	25	16.10	16.05	16.06		
10	256QAM	50	0	16.08	16.18	16.10		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.18	21.36	21.31	22.5	0
5	QPSK	1	12	21.10	21.15	21.20		
5	QPSK	1	24	21.15	21.15	21.14		
5	QPSK	12	0	20.17	20.31	20.22	21.5	1
5	QPSK	12	7	20.09	20.13	20.16		
5	QPSK	12	13	20.13	20.19	20.20		
5	QPSK	25	0	20.11	20.18	20.24		
5	16QAM	1	0	20.10	20.19	20.13	21.5	1
5	16QAM	1	12	20.22	19.99	20.16		
5	16QAM	1	24	20.03	20.20	20.03		
5	16QAM	12	0	19.11	19.27	19.16	20.5	2
5	16QAM	12	7	19.21	19.14	19.25		
5	16QAM	12	13	19.30	19.22	19.09		
5	16QAM	25	0	19.17	19.18	19.20		
5	64QAM	1	0	19.12	19.22	19.00	20.5	2
5	64QAM	1	12	19.05	19.13	19.09		
5	64QAM	1	24	19.00	19.19	19.04		
5	64QAM	12	0	18.25	18.32	18.21	19.5	3
5	64QAM	12	7	18.13	18.19	18.23		
5	64QAM	12	13	18.10	18.28	18.07		
5	64QAM	25	0	18.07	18.28	18.09		
5	256QAM	1	0	16.23	16.25	16.18	17.5	5
5	256QAM	1	12	16.18	16.18	16.23		
5	256QAM	1	24	16.05	16.29	16.04		
5	256QAM	12	0	16.16	16.23	16.27	17.5	5
5	256QAM	12	7	16.09	16.21	16.23		
5	256QAM	12	13	16.13	16.12	16.08		
5	256QAM	25	0	16.01	16.12	16.05		
Channel				131847	132322	132797	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.23	21.34	21.24	22.5	0
3	QPSK	1	8	21.17	21.12	21.18		
3	QPSK	1	14	21.11	21.16	21.14		
3	QPSK	8	0	20.05	20.30	20.12	21.5	1
3	QPSK	8	4	20.10	20.09	20.13		
3	QPSK	8	7	20.11	20.25	20.17		
3	QPSK	15	0	20.13	20.24	20.23		
3	16QAM	1	0	20.16	20.11	20.10	21.5	1
3	16QAM	1	8	20.15	20.01	20.16		
3	16QAM	1	14	20.12	20.10	20.07		
3	16QAM	8	0	19.10	19.37	19.21	20.5	2
3	16QAM	8	4	19.21	19.11	19.22		
3	16QAM	8	7	19.27	19.21	19.17		
3	16QAM	15	0	19.20	19.24	19.16	20.5	2
3	64QAM	1	0	19.14	19.23	19.02		
3	64QAM	1	8	19.03	19.08	19.12		
3	64QAM	1	14	18.97	19.19	19.09		
3	64QAM	8	0	18.23	18.22	18.18	19.5	3
3	64QAM	8	4	18.22	18.18	18.21		
3	64QAM	8	7	18.15	18.19	18.05		
3	64QAM	15	0	18.10	18.38	18.07		
3	256QAM	1	0	16.15	16.28	16.15	17.5	5
3	256QAM	1	8	16.12	16.20	16.20		
3	256QAM	1	14	16.06	16.24	16.08		
3	256QAM	8	0	16.16	16.21	16.16	17.5	5
3	256QAM	8	4	16.02	16.23	16.18		
3	256QAM	8	7	16.09	16.14	16.04		
3	256QAM	15	0	16.06	16.12	16.10		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.21	21.36	21.22	22.5	0
1.4	QPSK	1	3	21.17	21.11	21.20		
1.4	QPSK	1	5	21.11	21.18	21.20		
1.4	QPSK	3	0	21.16	21.30	21.12		
1.4	QPSK	3	1	21.05	21.00	21.16		
1.4	QPSK	3	3	21.03	21.11	21.15		
1.4	QPSK	6	0	20.10	20.19	20.17	21.5	1
1.4	16QAM	1	0	20.14	20.11	20.10	21.5	1
1.4	16QAM	1	3	20.13	20.06	20.11		
1.4	16QAM	1	5	20.09	20.13	20.06		
1.4	16QAM	3	0	19.96	20.04	20.13		
1.4	16QAM	3	1	20.05	20.06	20.02		
1.4	16QAM	3	3	20.02	19.93	19.96		
1.4	16QAM	6	0	19.18	19.23	19.18	20.5	2
1.4	64QAM	1	0	19.10	19.14	18.99	20.5	2
1.4	64QAM	1	3	19.04	19.17	19.09		
1.4	64QAM	1	5	19.03	19.25	19.08		
1.4	64QAM	3	0	19.09	19.10	19.03		
1.4	64QAM	3	1	18.96	19.04	18.94		
1.4	64QAM	3	3	18.93	19.08	18.96		
1.4	64QAM	6	0	18.11	18.28	18.11	19.5	3
1.4	256QAM	1	0	16.17	16.29	16.22	17.5	5
1.4	256QAM	1	3	16.18	16.19	16.16		
1.4	256QAM	1	5	16.07	16.18	16.02		
1.4	256QAM	3	0	16.20	16.19	16.19		
1.4	256QAM	3	1	16.04	16.21	16.18		
1.4	256QAM	3	3	16.06	16.12	16.08		
1.4	256QAM	6	0	16.03	16.13	16.07	17.5	5

Band 38 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.58	21.62	21.56	23	0
20	QPSK	1	49	21.57	21.59	21.54		
20	QPSK	1	99	21.50	21.54	21.50		
20	QPSK	50	0	20.61	20.67	20.58	22	1
20	QPSK	50	24	20.56	20.63	20.57		
20	QPSK	50	50	20.54	20.51	20.56		
20	QPSK	100	0	20.52	20.59	20.51		
20	16QAM	1	0	20.58	20.58	20.51	22	1
20	16QAM	1	49	20.55	20.60	20.54		
20	16QAM	1	99	20.50	20.48	20.51		
20	16QAM	50	0	19.64	19.69	19.57	21	2
20	16QAM	50	24	19.52	19.59	19.59		
20	16QAM	50	50	19.51	19.47	19.56		
20	16QAM	100	0	19.54	19.56	19.48		
20	64QAM	1	0	19.62	19.60	19.50	21	2
20	64QAM	1	49	19.51	19.59	19.52		
20	64QAM	1	99	19.53	19.45	19.46		
20	64QAM	50	0	18.57	18.72	18.59	20	3
20	64QAM	50	24	18.51	18.61	18.51		
20	64QAM	50	50	18.56	18.45	18.62		
20	64QAM	100	0	18.52	18.57	18.57		
20	256QAM	1	0	16.60	16.70	16.59	18	5
20	256QAM	1	49	16.54	16.63	16.60		
20	256QAM	1	99	16.59	16.46	16.58		
20	256QAM	50	0	16.52	16.55	16.51	18	5
20	256QAM	50	24	16.56	16.61	16.50		
20	256QAM	50	50	16.61	16.57	16.53		
20	256QAM	100	0	16.51	16.47	16.52		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.45	21.56	21.49	23	0
15	QPSK	1	37	21.50	21.49	21.44		
15	QPSK	1	74	21.40	21.48	21.35		
15	QPSK	36	0	20.54	20.59	20.53	22	1
15	QPSK	36	20	20.42	20.49	20.52		
15	QPSK	36	39	20.47	20.48	20.48		
15	QPSK	75	0	20.38	20.47	20.41		
15	16QAM	1	0	20.53	20.53	20.43	22	1
15	16QAM	1	37	20.45	20.51	20.46		
15	16QAM	1	74	20.43	20.41	20.46		
15	16QAM	36	0	19.61	19.64	19.54	21	2
15	16QAM	36	20	19.43	19.46	19.53		
15	16QAM	36	39	19.42	19.38	19.42		
15	16QAM	75	0	19.50	19.42	19.33		
15	64QAM	1	0	19.52	19.46	19.36	21	2
15	64QAM	1	37	19.40	19.48	19.43		
15	64QAM	1	74	19.39	19.34	19.40		
15	64QAM	36	0	18.47	18.57	18.54	20	3
15	64QAM	36	20	18.40	18.49	18.40		
15	64QAM	36	39	18.41	18.37	18.56		
15	64QAM	75	0	18.38	18.52	18.44		
15	256QAM	1	0	16.54	16.56	16.45	18	5
15	256QAM	1	37	16.43	16.50	16.52		
15	256QAM	1	74	16.55	16.35	16.54		
15	256QAM	36	0	16.41	16.43	16.37	18	5
15	256QAM	36	20	16.41	16.57	16.45		
15	256QAM	36	39	16.54	16.42	16.40		
15	256QAM	75	0	16.42	16.36	16.48		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.55	21.57	21.44	23	0
10	QPSK	1	25	21.51	21.52	21.43		
10	QPSK	1	49	21.46	21.48	21.44		
10	QPSK	25	0	20.54	20.57	20.46	22	1
10	QPSK	25	12	20.46	20.58	20.46		
10	QPSK	25	25	20.47	20.46	20.48		
10	QPSK	50	0	20.39	20.44	20.40		
10	16QAM	1	0	20.52	20.55	20.47	22	1
10	16QAM	1	25	20.50	20.53	20.40		
10	16QAM	1	49	20.44	20.42	20.39		
10	16QAM	25	0	19.60	19.56	19.44	21	2
10	16QAM	25	12	19.43	19.49	19.50		
10	16QAM	25	25	19.47	19.39	19.52		
10	16QAM	50	0	19.41	19.44	19.40		
10	64QAM	1	0	19.54	19.56	19.36	21	2
10	64QAM	1	25	19.38	19.44	19.46		
10	64QAM	1	49	19.39	19.40	19.36		
10	64QAM	25	0	18.44	18.65	18.56	20	3
10	64QAM	25	12	18.38	18.55	18.40		
10	64QAM	25	25	18.46	18.39	18.56		
10	64QAM	50	0	18.47	18.46	18.47		
10	256QAM	1	0	16.50	16.61	16.45	18	5
10	256QAM	1	25	16.43	16.53	16.46		
10	256QAM	1	49	16.47	16.42	16.46		
10	256QAM	25	0	16.43	16.50	16.42	18	5
10	256QAM	25	12	16.50	16.53	16.35		
10	256QAM	25	25	16.50	16.57	16.39		
10	256QAM	50	0	16.38	16.40	16.39		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.55	21.58	21.48	23	0
5	QPSK	1	12	21.45	21.52	21.48		
5	QPSK	1	24	21.44	21.44	21.41		
5	QPSK	12	0	20.54	20.56	20.47	22	1
5	QPSK	12	7	20.43	20.59	20.49		
5	QPSK	12	13	20.44	20.40	20.51		
5	QPSK	25	0	20.47	20.45	20.40		
5	16QAM	1	0	20.49	20.50	20.47	22	1
5	16QAM	1	12	20.44	20.48	20.41		
5	16QAM	1	24	20.39	20.44	20.38		
5	16QAM	12	0	19.53	19.58	19.52	21	2
5	16QAM	12	7	19.47	19.45	19.49		
5	16QAM	12	13	19.42	19.33	19.48		
5	16QAM	25	0	19.45	19.50	19.34		
5	64QAM	1	0	19.51	19.51	19.47	21	2
5	64QAM	1	12	19.44	19.55	19.48		
5	64QAM	1	24	19.45	19.41	19.39		
5	64QAM	12	0	18.52	18.60	18.55	20	3
5	64QAM	12	7	18.46	18.57	18.43		
5	64QAM	12	13	18.49	18.30	18.56		
5	64QAM	25	0	18.45	18.47	18.43		
5	256QAM	1	0	16.45	16.65	16.53	18	5
5	256QAM	1	12	16.41	16.58	16.49		
5	256QAM	1	24	16.53	16.39	16.55		
5	256QAM	12	0	16.44	16.47	16.37	18	5
5	256QAM	12	7	16.42	16.53	16.36		
5	256QAM	12	13	16.49	16.43	16.44		
5	256QAM	25	0	16.42	16.44	16.45		

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BW [MHz]	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	24.61	24.66	24.63	26	0
20	QPSK	1	49	24.59	24.58	24.64		
20	QPSK	1	99	24.57	24.56	24.62		
20	QPSK	50	0	23.60	23.71	23.66	25	1
20	QPSK	50	24	23.53	23.58	23.68		
20	QPSK	50	50	23.56	23.60	23.67		
20	QPSK	100	0	23.60	23.68	23.65		
20	16QAM	1	0	23.60	23.67	23.55	25	1
20	16QAM	1	49	23.45	23.50	23.62		
20	16QAM	1	99	23.48	23.57	23.64		
20	16QAM	50	0	22.57	22.67	22.64	24	2
20	16QAM	50	24	22.54	22.62	22.64		
20	16QAM	50	50	22.57	22.62	22.67		
20	16QAM	100	0	22.63	22.64	22.69		
20	64QAM	1	0	22.55	22.66	22.60	24	2
20	64QAM	1	49	22.49	22.46	22.60		
20	64QAM	1	99	22.51	22.60	22.62		
20	64QAM	50	0	21.55	21.72	21.71	23	3
20	64QAM	50	24	21.50	21.64	21.70		
20	64QAM	50	50	21.50	21.59	21.67		
20	64QAM	100	0	21.58	21.72	21.63		
20	256QAM	1	0	19.63	19.65	19.63	21	5
20	256QAM	1	49	19.57	19.63	19.66		
20	256QAM	1	99	19.59	19.58	19.63		
20	256QAM	50	0	19.56	19.67	19.65	21	5
20	256QAM	50	24	19.63	19.67	19.60		
20	256QAM	50	50	19.42	19.46	19.65		
20	256QAM	100	0	19.52	19.56	19.61		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.57	24.53	24.57	26	0
15	QPSK	1	37	24.49	24.44	24.50		
15	QPSK	1	74	24.50	24.42	24.51		
15	QPSK	36	0	23.54	23.57	23.55	25	1
15	QPSK	36	20	23.44	23.45	23.62		
15	QPSK	36	39	23.48	23.48	23.61		
15	QPSK	75	0	23.53	23.58	23.61		
15	16QAM	1	0	23.49	23.58	23.45	25	1
15	16QAM	1	37	23.37	23.37	23.58		
15	16QAM	1	74	23.38	23.48	23.50		
15	16QAM	36	0	22.42	22.56	22.51	24	2
15	16QAM	36	20	22.40	22.59	22.60		
15	16QAM	36	39	22.45	22.52	22.57		
15	16QAM	75	0	22.60	22.56	22.56		
15	64QAM	1	0	22.47	22.56	22.50	24	2
15	64QAM	1	37	22.35	22.40	22.50		
15	64QAM	1	74	22.36	22.46	22.53		
15	64QAM	36	0	21.41	21.59	21.68	23	3
15	64QAM	36	20	21.47	21.51	21.58		
15	64QAM	36	39	21.36	21.45	21.62		
15	64QAM	75	0	21.49	21.66	21.49		
15	256QAM	1	0	19.56	19.51	19.52	21	5
15	256QAM	1	37	19.43	19.53	19.54		
15	256QAM	1	74	19.51	19.50	19.49		
15	256QAM	36	0	19.52	19.58	19.57	21	5
15	256QAM	36	20	19.59	19.52	19.53		
15	256QAM	36	39	19.32	19.32	19.58		
15	256QAM	75	0	19.45	19.42	19.57		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.63	24.59	24.54	26	0
10	QPSK	1	25	24.45	24.51	24.52		
10	QPSK	1	49	24.47	24.43	24.59		
10	QPSK	25	0	23.46	23.66	23.56	25	1
10	QPSK	25	12	23.49	23.49	23.54		
10	QPSK	25	25	23.53	23.52	23.53		
10	QPSK	50	0	23.47	23.61	23.50		
10	16QAM	1	0	23.49	23.57	23.41	25	1
10	16QAM	1	25	23.38	23.40	23.47		
10	16QAM	1	49	23.44	23.53	23.54		
10	16QAM	25	0	22.53	22.61	22.56	24	2
10	16QAM	25	12	22.50	22.48	22.59		
10	16QAM	25	25	22.47	22.49	22.60		
10	16QAM	50	0	22.53	22.60	22.56		
10	64QAM	1	0	22.50	22.61	22.50	24	2
10	64QAM	1	25	22.41	22.38	22.49		
10	64QAM	1	49	22.38	22.49	22.57		
10	64QAM	25	0	21.41	21.67	21.67	23	3
10	64QAM	25	12	21.38	21.58	21.55		
10	64QAM	25	25	21.41	21.48	21.58		
10	64QAM	50	0	21.45	21.65	21.52		
10	256QAM	1	0	19.51	19.61	19.54	21	5
10	256QAM	1	25	19.49	19.56	19.52		
10	256QAM	1	49	19.51	19.46	19.58		
10	256QAM	25	0	19.46	19.62	19.52	21	5
10	256QAM	25	12	19.60	19.60	19.49		
10	256QAM	25	25	19.32	19.36	19.59		
10	256QAM	50	0	19.40	19.52	19.52		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.49	24.55	24.56	26	0
5	QPSK	1	12	24.54	24.43	24.56		
5	QPSK	1	24	24.48	24.45	24.55		
5	QPSK	12	0	23.46	23.57	23.51	25	1
5	QPSK	12	7	23.49	23.51	23.55		
5	QPSK	12	13	23.44	23.51	23.61		
5	QPSK	25	0	23.56	23.55	23.57		
5	16QAM	1	0	23.49	23.55	23.44	25	1
5	16QAM	1	12	23.37	23.45	23.48		
5	16QAM	1	24	23.41	23.45	23.59		
5	16QAM	12	0	22.50	22.59	22.60	24	2
5	16QAM	12	7	22.49	22.54	22.50		
5	16QAM	12	13	22.51	22.51	22.63		
5	16QAM	25	0	22.57	22.59	22.62		
5	64QAM	1	0	22.40	22.60	22.45	24	2
5	64QAM	1	12	22.44	22.33	22.49		
5	64QAM	1	24	22.39	22.51	22.51		
5	64QAM	12	0	21.50	21.69	21.60	23	3
5	64QAM	12	7	21.38	21.53	21.60		
5	64QAM	12	13	21.41	21.52	21.58		
5	64QAM	25	0	21.48	21.58	21.51		
5	256QAM	1	0	19.51	19.60	19.57	21	5
5	256QAM	1	12	19.46	19.56	19.56		
5	256QAM	1	24	19.52	19.53	19.59		
5	256QAM	12	0	19.49	19.55	19.59	21	5
5	256QAM	12	7	19.58	19.54	19.50		
5	256QAM	12	13	19.27	19.36	19.51		
5	256QAM	25	0	19.48	19.51	19.56		

Band 41 Ant 1

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	21.58	21.64	21.66	21.63	21.60	23	0
20	QPSK	1	49	21.62	21.61	21.63	21.55	21.63		
20	QPSK	1	99	21.56	21.54	21.58	21.57	21.52		
20	QPSK	50	0	20.63	20.63	20.73	20.69	20.68	22	1
20	QPSK	50	24	20.59	20.60	20.71	20.58	20.58		
20	QPSK	50	50	20.55	20.56	20.58	20.55	20.65		
20	QPSK	100	0	20.52	20.56	20.58	20.54	20.56		
20	16QAM	1	0	20.65	20.63	20.65	20.54	20.59	22	1
20	16QAM	1	49	20.59	20.59	20.60	20.65	20.64		
20	16QAM	1	99	20.56	20.54	20.53	20.61	20.50		
20	16QAM	50	0	19.71	19.68	19.75	19.67	19.72	21	2
20	16QAM	50	24	19.62	19.62	19.61	19.67	19.54		
20	16QAM	50	50	19.60	19.50	19.55	19.63	19.52		
20	16QAM	100	0	19.58	19.55	19.55	19.50	19.62		
20	64QAM	1	0	19.67	19.72	19.71	19.57	19.62	21	2
20	64QAM	1	49	19.52	19.53	19.69	19.56	19.59		
20	64QAM	1	99	19.59	19.56	19.47	19.55	19.57		
20	64QAM	50	0	18.57	18.63	18.81	18.67	18.62	20	3
20	64QAM	50	24	18.61	18.56	18.68	18.53	18.56		
20	64QAM	50	50	18.66	18.61	18.49	18.65	18.65		
20	64QAM	100	0	18.61	18.60	18.66	18.59	18.58		
20	256QAM	1	0	16.65	16.62	16.74	16.62	16.66	18	5
20	256QAM	1	49	16.61	16.60	16.67	16.69	16.60		
20	256QAM	1	99	16.67	16.64	16.57	16.63	16.68		
20	256QAM	50	0	16.57	16.59	16.62	16.60	16.60	18	5
20	256QAM	50	24	16.60	16.64	16.70	16.54	16.64		
20	256QAM	50	50	16.67	16.71	16.63	16.59	16.69		
20	256QAM	100	0	16.57	16.61	16.57	16.56	16.58		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.50	21.49	21.56	21.53	21.45	23.00	0
15	QPSK	1	37	21.53	21.49	21.49	21.47	21.60		
15	QPSK	1	74	21.53	21.46	21.45	21.47	21.38		
15	QPSK	36	0	20.50	20.49	20.59	20.56	20.62	22	1
15	QPSK	36	20	20.50	20.48	20.64	20.49	20.51		
15	QPSK	36	39	20.40	20.42	20.46	20.41	20.53		
15	QPSK	75	0	20.44	20.43	20.53	20.42	20.51		
15	16QAM	1	0	20.54	20.54	20.54	20.44	20.52	22	1
15	16QAM	1	37	20.48	20.52	20.50	20.58	20.60		
15	16QAM	1	74	20.52	20.47	20.39	20.50	20.45		
15	16QAM	36	0	19.58	19.58	19.63	19.62	19.62	21	2
15	16QAM	36	20	19.58	19.49	19.57	19.52	19.43		
15	16QAM	36	39	19.53	19.39	19.51	19.51	19.43		
15	16QAM	75	0	19.48	19.50	19.51	19.45	19.48		
15	64QAM	1	0	19.59	19.65	19.66	19.43	19.59	21	2
15	64QAM	1	37	19.38	19.39	19.57	19.46	19.53		
15	64QAM	1	74	19.45	19.47	19.41	19.49	19.52		
15	64QAM	36	0	18.48	18.60	18.70	18.58	18.48	20	3
15	64QAM	36	20	18.50	18.47	18.64	18.48	18.45		
15	64QAM	36	39	18.58	18.47	18.44	18.56	18.61		
15	64QAM	75	0	18.56	18.57	18.55	18.54	18.47		
15	256QAM	1	0	16.56	16.56	16.60	16.50	16.60	18	5
15	256QAM	1	37	16.48	16.55	16.56	16.55	16.50		
15	256QAM	1	74	16.63	16.54	16.52	16.51	16.55		
15	256QAM	36	0	16.48	16.50	16.58	16.52	16.46	18	5
15	256QAM	36	20	16.52	16.58	16.66	16.41	16.57		
15	256QAM	36	39	16.55	16.62	16.59	16.52	16.57		
15	256QAM	75	0	16.48	16.50	16.50	16.51	16.46		
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	21.60	21.60	21.52	21.50	23.00	0
10	QPSK	1	25	21.48	21.57	21.55	21.41	21.51		
10	QPSK	1	49	21.48	21.44	21.55	21.46	21.44		
10	QPSK	25	0	20.58	20.50	20.60	20.63	20.59	22	1
10	QPSK	25	12	20.47	20.51	20.59	20.45	20.51		
10	QPSK	25	25	20.42	20.42	20.53	20.43	20.59		
10	QPSK	50	0	20.43	20.43	20.50	20.41	20.50		
10	16QAM	1	0	20.55	20.54	20.57	20.48	20.55	22	1
10	16QAM	1	25	20.50	20.45	20.50	20.53	20.54		
10	16QAM	1	49	20.45	20.48	20.38	20.46	20.44		
10	16QAM	25	0	19.62	19.55	19.66	19.63	19.67	21	2
10	16QAM	25	12	19.56	19.51	19.52	19.57	19.39		
10	16QAM	25	25	19.54	19.36	19.51	19.54	19.38		
10	16QAM	50	0	19.47	19.42	19.41	19.42	19.56		
10	64QAM	1	0	19.55	19.59	19.60	19.50	19.53	21	2
10	64QAM	1	25	19.37	19.41	19.55	19.52	19.53		
10	64QAM	1	49	19.45	19.43	19.38	19.47	19.48		
10	64QAM	25	0	18.54	18.55	18.68	18.62	18.54	20	3
10	64QAM	25	12	18.50	18.48	18.62	18.45	18.43		
10	64QAM	25	25	18.52	18.57	18.35	18.61	18.57		
10	64QAM	50	0	18.57	18.49	18.57	18.46	18.55		
10	256QAM	1	0	16.59	16.54	16.60	16.55	16.57	18	5
10	256QAM	1	25	16.55	16.55	16.60	16.60	16.53		
10	256QAM	1	49	16.59	16.56	16.49	16.58	16.62		
10	256QAM	25	0	16.49	16.52	16.52	16.45	16.49	18	5
10	256QAM	25	12	16.56	16.52	16.63	16.48	16.60		
10	256QAM	25	25	16.57	16.58	16.50	16.53	16.59		
10	256QAM	50	0	16.43	16.53	16.43	16.44	16.45		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	21.53	21.56	21.58	21.54	21.57	23.00	0
5	QPSK	1	12	21.49	21.58	21.59	21.45	21.48		
5	QPSK	1	24	21.46	21.44	21.49	21.45	21.39		
5	QPSK	12	0	20.53	20.50	20.62	20.64	20.53	22	1
5	QPSK	12	7	20.52	20.53	20.65	20.50	20.45		
5	QPSK	12	13	20.41	20.42	20.51	20.47	20.58		
5	QPSK	25	0	20.37	20.48	20.46	20.46	20.53		
5	16QAM	1	0	20.54	20.50	20.59	20.43	20.51	22	1
5	16QAM	1	12	20.48	20.52	20.50	20.54	20.50		
5	16QAM	1	24	20.42	20.43	20.40	20.48	20.39		
5	16QAM	12	0	19.64	19.57	19.65	19.63	19.58	21	2
5	16QAM	12	7	19.49	19.56	19.57	19.60	19.45		
5	16QAM	12	13	19.46	19.45	19.44	19.50	19.40		
5	16QAM	25	0	19.44	19.51	19.46	19.40	19.52		
5	64QAM	1	0	19.60	19.65	19.64	19.53	19.50	21	2
5	64QAM	1	12	19.40	19.49	19.55	19.49	19.45		
5	64QAM	1	24	19.52	19.49	19.36	19.40	19.47		
5	64QAM	12	0	18.47	18.56	18.68	18.55	18.49	20	3
5	64QAM	12	7	18.55	18.49	18.62	18.43	18.51		
5	64QAM	12	13	18.53	18.56	18.42	18.55	18.59		
5	64QAM	25	0	18.52	18.50	18.52	18.49	18.51		
5	256QAM	1	0	16.56	16.59	16.65	16.54	16.53	18	5
5	256QAM	1	12	16.49	16.55	16.53	16.61	16.54		
5	256QAM	1	24	16.63	16.51	16.45	16.51	16.63		
5	256QAM	12	0	16.50	16.53	16.52	16.48	16.56	18	5
5	256QAM	12	7	16.51	16.50	16.59	16.47	16.50		
5	256QAM	12	13	16.62	16.61	16.56	16.56	16.58		
5	256QAM	25	0	16.48	16.51	16.42	16.42	16.48		

Band 41 HPUE Ant 1

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	24.62	24.69	24.70	24.63	24.62	26	0
20	QPSK	1	49	24.63	24.59	24.65	24.54	24.60		
20	QPSK	1	99	24.60	24.50	24.63	24.55	24.50		
20	QPSK	50	0	23.61	23.60	23.76	23.69	23.62	25	1
20	QPSK	50	24	23.64	23.61	23.69	23.58	23.53		
20	QPSK	50	50	23.58	23.58	23.61	23.60	23.66		
20	QPSK	100	0	23.55	23.61	23.64	23.48	23.58		
20	16QAM	1	0	23.67	23.69	23.70	23.50	23.58	25	1
20	16QAM	1	49	23.63	23.63	23.57	23.70	23.60		
20	16QAM	1	99	23.58	23.54	23.52	23.59	23.49		
20	16QAM	50	0	22.67	22.68	22.72	22.72	22.67	24	2
20	16QAM	50	24	22.61	22.56	22.60	22.67	22.50		
20	16QAM	50	50	22.61	22.54	22.55	22.64	22.57		
20	16QAM	100	0	22.60	22.54	22.57	22.51	22.66		
20	64QAM	1	0	22.72	22.66	22.75	22.58	22.68	24	2
20	64QAM	1	49	22.55	22.55	22.69	22.50	22.54		
20	64QAM	1	99	22.65	22.55	22.41	22.57	22.52		
20	64QAM	50	0	21.59	21.66	21.80	21.66	21.68	23	3
20	64QAM	50	24	21.61	21.51	21.73	21.58	21.52		
20	64QAM	50	50	21.67	21.58	21.52	21.62	21.60		
20	64QAM	100	0	21.67	21.60	21.67	21.56	21.53		
20	256QAM	1	0	19.68	19.61	19.77	19.58	19.69	21	5
20	256QAM	1	49	19.66	19.61	19.62	19.70	19.64		
20	256QAM	1	99	19.66	19.62	19.52	19.66	19.67		
20	256QAM	50	0	19.60	19.53	19.68	19.55	19.59	21	5
20	256QAM	50	24	19.54	19.58	19.67	19.52	19.64		
20	256QAM	50	50	19.72	19.67	19.62	19.64	19.65		
20	256QAM	100	0	19.61	19.57	19.58	19.59	19.63		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.55	24.64	24.61	24.48	24.56	26.00	0
15	QPSK	1	37	24.54	24.45	24.54	24.40	24.55		
15	QPSK	1	74	24.51	24.45	24.55	24.50	24.36		
15	QPSK	36	0	23.56	23.49	23.66	23.65	23.50	25	1
15	QPSK	36	20	23.60	23.56	23.57	23.51	23.39		
15	QPSK	36	39	23.46	23.55	23.49	23.57	23.63		
15	QPSK	75	0	23.41	23.58	23.61	23.42	23.47		
15	16QAM	1	0	23.61	23.64	23.62	23.43	23.45	25	1
15	16QAM	1	37	23.52	23.57	23.50	23.63	23.47		
15	16QAM	1	74	23.44	23.47	23.46	23.52	23.39		
15	16QAM	36	0	22.53	22.61	22.58	22.63	22.57	24	2
15	16QAM	36	20	22.57	22.43	22.56	22.60	22.40		
15	16QAM	36	39	22.51	22.41	22.41	22.54	22.46		
15	16QAM	75	0	22.46	22.41	22.47	22.45	22.61		
15	64QAM	1	0	22.59	22.56	22.62	22.45	22.55	24	2
15	64QAM	1	37	22.46	22.51	22.56	22.36	22.39		
15	64QAM	1	74	22.55	22.45	22.31	22.52	22.45		
15	64QAM	36	0	21.47	21.51	21.76	21.58	21.55	23	3
15	64QAM	36	20	21.56	21.38	21.68	21.46	21.44		
15	64QAM	36	39	21.59	21.50	21.38	21.48	21.56		
15	64QAM	75	0	21.59	21.57	21.52	21.49	21.46		
15	256QAM	1	0	19.56	19.57	19.72	19.55	19.55	21	5
15	256QAM	1	37	19.53	19.50	19.55	19.62	19.57		
15	256QAM	1	74	19.62	19.53	19.39	19.63	19.61		
15	256QAM	36	0	19.50	19.50	19.58	19.51	19.46	21	5
15	256QAM	36	20	19.44	19.54	19.54	19.48	19.59		
15	256QAM	36	39	19.62	19.63	19.47	19.57	19.58		
15	256QAM	75	0	19.56	19.53	19.49	19.52	19.55		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.57	24.60	24.67	24.50	24.57	26.00	0
10	QPSK	1	25	24.59	24.49	24.54	24.46	24.46		
10	QPSK	1	49	24.48	24.46	24.50	24.40	24.42		
10	QPSK	25	0	23.49	23.55	23.61	23.61	23.55	25	1
10	QPSK	25	12	23.56	23.58	23.65	23.51	23.41		
10	QPSK	25	25	23.48	23.52	23.55	23.54	23.61		
10	QPSK	50	0	23.41	23.53	23.60	23.39	23.54		
10	16QAM	1	0	23.56	23.63	23.61	23.46	23.47	25	1
10	16QAM	1	25	23.49	23.57	23.51	23.63	23.47		
10	16QAM	1	49	23.47	23.50	23.45	23.45	23.46		
10	16QAM	25	0	22.57	22.55	22.66	22.69	22.59	24	2
10	16QAM	25	12	22.46	22.52	22.47	22.61	22.36		
10	16QAM	25	25	22.51	22.42	22.46	22.60	22.47		
10	16QAM	50	0	22.46	22.45	22.42	22.42	22.63		
10	64QAM	1	0	22.60	22.56	22.67	22.54	22.57	24	2
10	64QAM	1	25	22.45	22.45	22.62	22.40	22.43		
10	64QAM	1	49	22.50	22.47	22.32	22.44	22.45		
10	64QAM	25	0	21.51	21.52	21.74	21.54	21.61	23	3
10	64QAM	25	12	21.48	21.45	21.59	21.45	21.38		
10	64QAM	25	25	21.58	21.46	21.43	21.54	21.54		
10	64QAM	50	0	21.59	21.54	21.60	21.49	21.39		
10	256QAM	1	0	19.62	19.58	19.66	19.47	19.61	21	5
10	256QAM	1	25	19.53	19.50	19.55	19.59	19.61		
10	256QAM	1	49	19.55	19.54	19.45	19.62	19.62		
10	256QAM	25	0	19.57	19.47	19.54	19.41	19.55	21	5
10	256QAM	25	12	19.45	19.44	19.60	19.42	19.54		
10	256QAM	25	25	19.67	19.62	19.58	19.52	19.57		
10	256QAM	50	0	19.50	19.48	19.46	19.46	19.55		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	24.57	24.62	24.66	24.49	24.54	26.00	0
5	QPSK	1	12	24.57	24.50	24.60	24.47	24.54		
5	QPSK	1	24	24.53	24.44	24.58	24.43	24.38		
5	QPSK	12	0	23.46	23.45	23.69	23.66	23.53	25	1
5	QPSK	12	7	23.60	23.51	23.54	23.44	23.50		
5	QPSK	12	13	23.43	23.51	23.51	23.49	23.52		
5	QPSK	25	0	23.51	23.54	23.50	23.33	23.50		
5	16QAM	1	0	23.57	23.62	23.62	23.40	23.52	25	1
5	16QAM	1	12	23.50	23.58	23.54	23.56	23.50		
5	16QAM	1	24	23.50	23.42	23.37	23.52	23.36		
5	16QAM	12	0	22.59	22.61	22.68	22.68	22.55	24	2
5	16QAM	12	7	22.53	22.42	22.52	22.59	22.42		
5	16QAM	12	13	22.49	22.42	22.47	22.50	22.43		
5	16QAM	25	0	22.48	22.39	22.49	22.46	22.52		
5	64QAM	1	0	22.61	22.57	22.66	22.49	22.58	24	2
5	64QAM	1	12	22.50	22.41	22.56	22.36	22.42		
5	64QAM	1	24	22.61	22.43	22.29	22.43	22.41		
5	64QAM	12	0	21.49	21.55	21.67	21.61	21.60	23	3
5	64QAM	12	7	21.56	21.45	21.61	21.50	21.39		
5	64QAM	12	13	21.60	21.45	21.38	21.57	21.52		
5	64QAM	25	0	21.60	21.55	21.61	21.48	21.45		
5	256QAM	1	0	19.62	19.53	19.74	19.46	19.65	21	5
5	256QAM	1	12	19.63	19.55	19.59	19.67	19.55		
5	256QAM	1	24	19.51	19.52	19.40	19.62	19.58		
5	256QAM	12	0	19.52	19.41	19.60	19.52	19.53	21	5
5	256QAM	12	7	19.47	19.44	19.53	19.42	19.53		
5	256QAM	12	13	19.62	19.53	19.56	19.59	19.60		
5	256QAM	25	0	19.50	19.51	19.46	19.56	19.60		

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	28.85	28.99	28.82	30.50	19.85	19.99	19.82	21.50
GPRS 1 Tx slot	28.79	28.94	28.80	30.50	19.79	19.94	19.80	21.50
GPRS 2 Tx slots	26.11	26.55	26.50	27.50	20.11	20.55	20.50	21.50
GPRS 3 Tx slots	25.05	24.78	24.74	26.00	20.79	20.52	20.48	21.74
GPRS 4 Tx slots	23.49	23.07	23.00	24.00	20.49	20.07	20.00	21.00
EDGE 1 Tx slot	24.67	24.58	24.55	25.50	15.67	15.58	15.55	16.50
EDGE 2 Tx slots	23.57	23.31	23.26	24.50	17.57	17.31	17.26	18.50
EDGE 3 Tx slots	21.86	21.81	21.68	22.50	17.60	17.55	17.42	18.24
EDGE 4 Tx slots	20.02	20.02	19.98	21.00	17.02	17.02	16.98	18.00

Band		WCDMA II Ant 2			Tune-up Limit (dBm)	WCDMA IV Ant 2			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	21.99	22.05	21.98	23.00	21.92	21.92	21.89	23.00
3GPP Rel 99	RMC 12.2Kbps	22.13	22.15	22.12	23.00	22.06	22.07	22.01	23.00
3GPP Rel 6	HSDPA Subtest-1	21.15	21.09	21.15	22.00	21.04	21.10	20.99	22.00
3GPP Rel 6	HSDPA Subtest-2	21.13	21.13	21.11	22.00	21.11	21.06	21.04	22.00
3GPP Rel 6	HSDPA Subtest-3	20.69	20.62	20.65	21.50	20.59	20.54	20.55	21.50
3GPP Rel 6	HSDPA Subtest-4	20.59	20.63	20.59	21.50	20.60	20.61	20.49	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.11	21.18	21.11	22.00	21.07	21.07	20.95	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.15	21.10	21.13	22.00	21.01	21.05	21.07	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.57	20.65	20.62	21.50	20.55	20.55	20.50	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.61	20.65	20.57	21.50	20.50	20.61	20.46	21.50
3GPP Rel 6	HSUPA Subtest-1	21.12	21.15	21.12	22.00	21.09	21.06	21.07	22.00
3GPP Rel 6	HSUPA Subtest-2	19.13	19.10	19.09	20.00	19.03	19.07	19.02	20.00
3GPP Rel 6	HSUPA Subtest-3	20.11	20.13	20.15	21.00	20.06	20.07	20.06	21.00
3GPP Rel 6	HSUPA Subtest-4	19.13	19.16	19.08	20.00	19.08	19.04	19.00	20.00
3GPP Rel 6	HSUPA Subtest-5	21.13	21.16	21.11	22.00	21.05	21.05	21.03	22.00

Band 2 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.60	22.63	22.58	24	0
20	QPSK	1	49	22.48	22.53	22.46		
20	QPSK	1	99	22.52	22.54	22.45		
20	QPSK	50	0	21.64	21.67	21.60		
20	QPSK	50	24	21.48	21.49	21.52	23	1
20	QPSK	50	50	21.52	21.53	21.46		
20	QPSK	100	0	21.66	21.66	21.62		
20	16QAM	1	0	21.54	21.61	21.56		
20	16QAM	1	49	21.37	21.38	21.53	23	1
20	16QAM	1	99	21.50	21.43	21.44		
20	16QAM	50	0	20.66	20.64	20.54		
20	16QAM	50	24	20.49	20.50	20.47	22	2
20	16QAM	50	50	20.52	20.57	20.43		
20	16QAM	100	0	20.52	20.63	20.67		
20	16QAM	1	0	20.60	20.66	20.50		
20	64QAM	1	49	20.40	20.42	20.53	22	2
20	64QAM	1	99	20.47	20.39	20.45		
20	64QAM	50	0	19.68	19.73	19.58		
20	64QAM	50	24	19.52	19.48	19.54	21	3
20	64QAM	50	50	19.50	19.57	19.41		
20	64QAM	100	0	19.51	19.64	19.59		
20	256QAM	1	0	17.67	17.71	17.58		
20	256QAM	1	49	17.50	17.52	17.48	19	5
20	256QAM	1	99	17.53	17.57	17.43		
20	256QAM	50	0	17.58	17.62	17.62		
20	256QAM	50	24	17.51	17.60	17.53	19	5
20	256QAM	50	50	17.33	17.40	17.53		
20	256QAM	100	0	17.55	17.43	17.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.54	22.51	22.51	24	0
15	QPSK	1	37	22.48	22.42	22.32		
15	QPSK	1	74	22.38	22.42	22.36		
15	QPSK	36	0	21.60	21.56	21.51		
15	QPSK	36	20	21.41	21.34	21.44	23	1
15	QPSK	36	39	21.46	21.42	21.33		
15	QPSK	75	0	21.41	21.59	21.50		
15	16QAM	1	0	21.49	21.53	21.41		
15	16QAM	1	37	21.32	21.24	21.42	23	1
15	16QAM	1	74	21.40	21.34	21.34		
15	16QAM	36	0	20.54	20.53	20.49		
15	16QAM	36	20	20.42	20.36	20.36	22	2
15	16QAM	36	39	20.38	20.51	20.37		
15	16QAM	75	0	20.47	20.56	20.61		
15	64QAM	1	0	20.48	20.56	20.42		
15	64QAM	1	37	20.31	20.35	20.39	22	2
15	64QAM	1	74	20.43	20.29	20.40		
15	64QAM	36	0	19.62	19.67	19.44		
15	64QAM	36	20	19.38	19.39	19.46	21	3
15	64QAM	36	39	19.38	19.54	19.28		
15	64QAM	75	0	19.41	19.52	19.48		
15	256QAM	1	0	17.56	17.67	17.48		
15	256QAM	1	37	17.42	17.38	17.45	19	5
15	256QAM	1	74	17.44	17.45	17.38		
15	256QAM	36	0	17.47	17.49	17.50		
15	256QAM	36	20	17.45	17.55	17.47	19	5
15	256QAM	36	39	17.20	17.33	17.41		
15	256QAM	75	0	17.43	17.35	17.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.45	22.50	22.53	24	0
10	QPSK	1	25	22.34	22.46	22.34		
10	QPSK	1	49	22.42	22.49	22.42		
10	QPSK	25	0	21.58	21.57	21.46		
10	QPSK	25	12	21.42	21.39	21.48	23	1
10	QPSK	25	25	21.45	21.45	21.39		
10	QPSK	50	0	21.45	21.63	21.57		
10	16QAM	1	0	21.45	21.51	21.46		
10	16QAM	1	25	21.32	21.33	21.39	23	1
10	16QAM	1	49	21.36	21.40	21.38		
10	16QAM	25	0	20.61	20.57	20.50		
10	16QAM	25	12	20.43	20.41	20.40	22	2
10	16QAM	25	25	20.47	20.53	20.39		
10	16QAM	50	0	20.38	20.54	20.60		
10	64QAM	1	0	20.52	20.62	20.40		
10	64QAM	1	25	20.27	20.35	20.43	22	2
10	64QAM	1	49	20.36	20.27	20.41		
10	64QAM	25	0	19.65	19.59	19.54		
10	64QAM	25	12	19.39	19.36	19.40	21	3
10	64QAM	25	25	19.37	19.50	19.37		
10	64QAM	50	0	19.44	19.53	19.55		
10	256QAM	1	0	17.44	17.46	17.48		
10	256QAM	1	25	17.44	17.47	17.33	19	5
10	256QAM	1	49	17.48	17.49	17.29		
10	256QAM	25	0	17.44	17.52	17.54		
10	256QAM	25	12	17.34	17.39	17.39	19	5
10	256QAM	25	25	17.25	17.29	17.48		
10	256QAM	50	0	17.47	17.39	17.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.50	22.50	22.51	24	0
5	QPSK	1	12	22.44	22.46	22.33		
5	QPSK	1	24	22.46	22.49	22.35		
5	QPSK	12	0	21.59	21.56	21.48		
5	QPSK	12	7	21.41	21.39	21.44	23	1
5	QPSK	12	13	21.37	21.43	21.34		
5	QPSK	25	0	21.50	21.54	21.53		
5	16QAM	1	0	21.49	21.58	21.46		
5	16QAM	1	12	21.34	21.41	21.48	23	1
5	16QAM	1	24	21.45	21.31	21.39		
5	16QAM	12	0	20.58	20.57	20.49		
5	16QAM	12	7	20.38	20.42	20.42	22	2
5	16QAM	12	13	20.44	20.45	20.36		
5	16QAM	25	0	20.45	20.57	20.61		
5	64QAM	1	0	20.54	20.59	20.42		
5	64QAM	1	12	20.27	20.31	20.48	22	2
5	64QAM	1	24	20.36	20.28	20.31		
5	64QAM	12	0	19.62	19.58	19.50		
5	64QAM	12	7	19.44	19.35	19.32	21	3
5	64QAM	12	13	19.39	19.49	19.35		
5	64QAM	25	0	19.47	19.57	19.47		
5	256QAM	1	0	17.54	17.65	17.45		
5	256QAM	1	12	17.39	17.46	17.39	19	5
5	256QAM	1	24	17.50	17.47	17.39		
5	256QAM	12	0	17.54	17.49	17.48		
5	256QAM	12	7	17.40	17.50	17.39	19	5
5	256QAM	12	13	17.21	17.28	17.42		
5	256QAM	25	0	17.47	17.33	17.38		
Channel				18525	18900	19275	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.51	22.51	22.44	24	0
3	QPSK	1	8	22.34	22.40	22.37		
3	QPSK	1	14	22.47	22.49	22.35		
3	QPSK	8	0	21.57	21.58	21.48		
3	QPSK	8	4	21.37	21.36	21.39	23	1
3	QPSK	8	7	21.47	21.40	21.35		
3	QPSK	15	0	21.49	21.51	21.52		
3	16QAM	1	0	21.43	21.58	21.53		
3	16QAM	1	8	21.23	21.30	21.43	23	1
3	16QAM	1	14	21.39	21.37	21.29		
3	16QAM	8	0	20.58	20.55	20.43		
3	16QAM	8	4	20.37	20.43	20.40	22	2
3	16QAM	8	7	20.38	20.45	20.37		
3	16QAM	15	0	20.43	20.52	20.61		
3	64QAM	1	0	20.53	20.59	20.39		
3	64QAM	1	8	20.26	20.27	20.41	22	2
3	64QAM	1	14	20.33	20.32	20.30		
3	64QAM	8	0	19.56	19.66	19.52		
3	64QAM	8	4	19.40	19.37	19.32	21	3
3	64QAM	8	7	19.47	19.43	19.38		
3	64QAM	15	0	19.44	19.61	19.47		
3	256QAM	1	0	17.59	17.58	17.48		
3	256QAM	1	8	17.43	17.48	17.34	19	5
3	256QAM	1	14	17.39	17.45	17.39		
3	256QAM	8	0	17.48	17.49	17.55		
3	256QAM	8	4	17.37	17.55	17.44	19	5
3	256QAM	8	7	17.20	17.33	17.42		
3	256QAM	15	0	17.43	17.39	17.41		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.52	22.59	22.44	24	0
1.4	QPSK	1	3	22.34	22.43	22.37		
1.4	QPSK	1	5	22.38	22.50	22.34		
1.4	QPSK	3	0	22.40	22.49	22.41		
1.4	QPSK	3	1	22.28	22.39	22.26		
1.4	QPSK	3	3	22.33	22.36	22.29		
1.4	QPSK	6	0	21.43	21.58	21.51	23	1
1.4	16QAM	1	0	21.39	21.48	21.43		
1.4	16QAM	1	3	21.29	21.28	21.43		
1.4	16QAM	1	5	21.37	21.31	21.41	23	1
1.4	16QAM	3	0	21.37	21.52	21.47		
1.4	16QAM	3	1	21.33	21.36	21.34		
1.4	16QAM	3	3	21.16	21.16	21.35		
1.4	16QAM	6	0	20.39	20.53	20.61	22	2
1.4	64QAM	1	0	20.50	20.53	20.37		
1.4	64QAM	1	3	20.26	20.29	20.42		
1.4	64QAM	1	5	20.42	20.29	20.31	22	2
1.4	64QAM	3	0	20.33	20.45	20.50		
1.4	64QAM	3	1	20.47	20.44	20.28		
1.4	64QAM	3	3	20.13	20.25	20.35		
1.4	64QAM	6	0	19.43	19.57	19.49	21	3
1.4	256QAM	1	0	17.63	17.58	17.52		
1.4	256QAM	1	3	17.47	17.42	17.42		
1.4	256QAM	1	5	17.46	17.42	17.30	19	5
1.4	256QAM	3	0	17.53	17.56	17.53		
1.4	256QAM	3	1	17.38	17.46	17.46		
1.4	256QAM	3	3	17.25	17.31	17.43		
1.4	256QAM	6	0	17.44	17.31	17.34	19	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	22.50	22.55	22.51	24	0
20	QPSK	1	49	22.46	22.50	22.41		
20	QPSK	1	99	22.48	22.61	22.41		
20	QPSK	50	0	21.45	21.58	21.55		
20	QPSK	50	24	21.52	21.52	21.41	23	1
20	QPSK	50	50	21.51	21.44	21.45		
20	QPSK	100	0	21.66	21.66	21.49		
20	16QAM	1	0	21.42	21.47	21.54		
20	16QAM	1	49	21.43	21.44	21.33	23	1
20	16QAM	1	99	21.48	21.36	21.41		
20	16QAM	50	0	20.48	20.61	20.53		
20	16QAM	50	24	20.52	20.52	20.36	22	2
20	16QAM	50	50	20.51	20.38	20.51		
20	16QAM	100	0	20.49	20.52	20.53		
20	64QAM	1	0	20.38	20.44	20.54		
20	64QAM	1	49	20.47	20.42	20.32	22	2
20	64QAM	1	99	20.54	20.41	20.39		
20	64QAM	50	0	19.44	19.59	19.54		
20	64QAM	50	24	19.56	19.51	19.43	21	3
20	64QAM	50	50	19.53	19.39	19.41		
20	64QAM	100	0	19.52	19.53	19.50		
20	256QAM	1	0	17.44	17.54	17.53		
20	256QAM	1	49	17.56	17.47	17.42	19	5
20	256QAM	1	99	17.51	17.50	17.48		
20	256QAM	50	0	17.52	17.58	17.46		
20	256QAM	50	24	17.38	17.42	17.54	19	5
20	256QAM	50	50	17.48	17.39	17.36		
20	256QAM	100	0	17.53	17.37	17.37		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.42	22.50	22.47	24	0
15	QPSK	1	37	22.47	22.47	22.31		
15	QPSK	1	74	22.40	22.40	22.35		
15	QPSK	36	0	21.37	21.55	21.45		
15	QPSK	36	20	21.47	21.45	21.35	23	1
15	QPSK	36	39	21.47	21.36	21.35		
15	QPSK	75	0	21.44	21.56	21.46		
15	16QAM	1	0	21.36	21.48	21.44		
15	16QAM	1	37	21.44	21.42	21.30	23	1
15	16QAM	1	74	21.40	21.35	21.32		
15	16QAM	36	0	20.47	20.57	20.48		
15	16QAM	36	20	20.51	20.49	20.36	22	2
15	16QAM	36	39	20.48	20.28	20.48		
15	16QAM	75	0	20.50	20.46	20.45		
15	64QAM	1	0	20.29	20.45	20.52		
15	64QAM	1	37	20.36	20.39	20.30	22	2
15	64QAM	1	74	20.47	20.33	20.36		
15	64QAM	36	0	19.41	19.49	19.53		
15	64QAM	36	20	19.57	19.59	19.44	21	3
15	64QAM	36	39	19.50	19.36	19.36		
15	64QAM	75	0	19.45	19.50	19.42		
15	256QAM	1	0	17.39	17.47	17.51		
15	256QAM	1	37	17.55	17.45	17.42	19	5
15	256QAM	1	74	17.47	17.40	17.41		
15	256QAM	36	0	17.50	17.50	17.46		
15	256QAM	36	20	17.38	17.36	17.54	19	5
15	256QAM	36	39	17.39	17.39	17.44		
15	256QAM	75	0	17.48	17.28	17.34		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.47	22.45	22.45	24	0
10	QPSK	1	25	22.40	22.46	22.31		
10	QPSK	1	49	22.47	22.38	22.41		
10	QPSK	25	0	21.40	21.56	21.44		
10	QPSK	25	12	21.53	21.49	21.39	23	1
10	QPSK	25	25	21.40	21.41	21.39		
10	QPSK	50	0	21.40	21.55	21.45		
10	16QAM	1	0	21.31	21.40	21.49		
10	16QAM	1	25	21.43	21.40	21.24	23	1
10	16QAM	1	49	21.39	21.36	21.37		
10	16QAM	25	0	20.47	20.55	20.50		
10	16QAM	25	12	20.48	20.42	20.37	22	2
10	16QAM	25	25	20.46	20.34	20.48		
10	16QAM	50	0	20.44	20.45	20.43		
10	64QAM	1	0	20.28	20.35	20.43		
10	64QAM	1	25	20.42	20.38	20.24	22	2
10	64QAM	1	49	20.53	20.41	20.37		
10	64QAM	25	0	19.41	19.32	19.48		
10	64QAM	25	12	19.52	19.48	19.36	21	3
10	64QAM	25	25	19.51	19.40	19.42		
10	64QAM	50	0	19.48	19.44	19.45		
10	256QAM	1	0	17.37	17.50	17.46		
10	256QAM	1	25	17.56	17.38	17.34	19	5
10	256QAM	1	49	17.51	17.42	17.37		
10	256QAM	25	0	17.52	17.52	17.44		
10	256QAM	25	12	17.38	17.38	17.52	19	5
10	256QAM	25	25	17.45	17.32	17.32		
10	256QAM	50	0	17.53	17.29	17.34		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.39	22.51	22.49	24	0
5	QPSK	1	12	22.44	22.43	22.38		
5	QPSK	1	24	22.43	22.37	22.41		
5	QPSK	12	0	21.41	21.48	21.45		
5	QPSK	12	7	21.41	21.50	21.37	23	1
5	QPSK	12	13	21.43	21.38	21.36		
5	QPSK	25	0	21.47	21.49	21.45		
5	16QAM	1	0	21.42	21.47	21.46		
5	16QAM	1	12	21.37	21.38	21.25	23	1
5	16QAM	1	24	21.42	21.32	21.41		
5	16QAM	12	0	20.49	20.60	20.43		
5	16QAM	12	7	20.50	20.48	20.29	22	2
5	16QAM	12	13	20.40	20.45	20.46		
5	16QAM	25	0	20.41	20.52	20.52		
5	64QAM	1	0	20.37	20.34	20.48		
5	64QAM	1	12	20.46	20.40	20.29	22	2
5	64QAM	1	24	20.55	20.32	20.47		
5	64QAM	12	0	19.34	19.50	19.46		
5	64QAM	12	7	19.53	19.44	19.43	21	3
5	64QAM	12	13	19.50	19.39	19.32		
5	64QAM	25	0	19.49	19.49	19.45		
5	256QAM	1	0	17.44	17.44	17.42		
5	256QAM	1	12	17.51	17.47	17.38	19	5
5	256QAM	1	24	17.52	17.43	17.45		
5	256QAM	12	0	17.50	17.47	17.39		
5	256QAM	12	7	17.27	17.35	17.48	19	5
5	256QAM	12	13	17.40	17.39	17.33		
5	256QAM	25	0	17.49	17.35	17.28		
Channel				19825	20175	20525	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.43	22.48	22.48	24	0
3	QPSK	1	8	22.46	22.47	22.37		
3	QPSK	1	14	22.46	22.44	22.42		
3	QPSK	8	0	21.40	21.52	21.52		
3	QPSK	8	4	21.43	21.50	21.37	23	1
3	QPSK	8	7	21.51	21.35	21.38		
3	QPSK	15	0	21.43	21.49	21.43		
3	16QAM	1	0	21.42	21.49	21.49		
3	16QAM	1	8	21.42	21.39	21.24	23	1
3	16QAM	1	14	21.44	21.33	21.30		
3	16QAM	8	0	20.47	20.59	20.45		
3	16QAM	8	4	20.50	20.44	20.52	22	2
3	16QAM	8	7	20.42	20.29	20.46		
3	16QAM	15	0	20.50	20.43	20.42		
3	64QAM	1	0	20.27	20.34	20.49		
3	64QAM	1	8	20.39	20.27	20.27	22	2
3	64QAM	1	14	20.43	20.37	20.28		
3	64QAM	8	0	19.41	19.52	19.53		
3	64QAM	8	4	19.57	19.51	19.33	21	3
3	64QAM	8	7	19.54	19.28	19.38		
3	64QAM	15	0	19.51	19.47	19.44		
3	256QAM	1	0	17.40	17.48	17.43		
3	256QAM	1	8	17.49	17.37	17.40	19	5
3	256QAM	1	14	17.51	17.42	17.48		
3	256QAM	8	0	17.53	17.47	17.46		
3	256QAM	8	4	17.32	17.32	17.47	19	5
3	256QAM	8	7	17.37	17.33	17.36		
3	256QAM	15	0	17.49	17.27	17.30		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.43	22.46	22.51	24	0
1.4	QPSK	1	3	22.45	22.41	22.36		
1.4	QPSK	1	5	22.38	22.36	22.37		
1.4	QPSK	3	0	22.32	22.46	22.47		
1.4	QPSK	3	1	22.35	22.30	22.36		
1.4	QPSK	3	3	22.30	22.37	22.26		
1.4	QPSK	6	0	21.43	21.49	21.41	23	1
1.4	16QAM	1	0	21.42	21.44	21.51		
1.4	16QAM	1	3	21.35	21.43	21.33		
1.4	16QAM	1	5	21.49	21.34	21.41	23	1
1.4	16QAM	3	0	21.35	21.44	21.42		
1.4	16QAM	3	1	21.33	21.38	21.49		
1.4	16QAM	3	3	21.28	21.41	21.26		
1.4	16QAM	6	0	20.41	20.43	20.51	22	2
1.4	64QAM	1	0	20.28	20.35	20.48		
1.4	64QAM	1	3	20.46	20.36	20.35		
1.4	64QAM	1	5	20.53	20.31	20.39	22	2
1.4	64QAM	3	0	20.41	20.36	20.45		
1.4	64QAM	3	1	20.18	20.31	20.49		
1.4	64QAM	3	3	20.42	20.28	20.31		
1.4	64QAM	6	0	19.51	19.50	19.40	21	3
1.4	256QAM	1	0	17.40	17.54	17.49		
1.4	256QAM	1	3	17.54	17.38	17.43		
1.4	256QAM	1	5	17.51	17.41	17.49	19	5
1.4	256QAM	3	0	17.49	17.50	17.37		
1.4	256QAM	3	1	17.38	17.34	17.54		
1.4	256QAM	3	3	17.46	17.28	17.32		
1.4	256QAM	6	0	17.46	17.33	17.27	19	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	22.75	22.80	22.72	24	0
20	QPSK	1	49	22.76	22.69	22.73		
20	QPSK	1	99	22.69	22.71	22.67		
20	QPSK	50	0	21.70	21.80	21.76		
20	QPSK	50	24	21.75	21.65	21.67	23	1
20	QPSK	50	50	21.65	21.69	21.64		
20	QPSK	100	0	21.69	21.76	21.69		
20	16QAM	1	0	21.64	21.73	21.68		
20	16QAM	1	49	21.69	21.60	21.57	23	1
20	16QAM	1	99	21.57	21.59	21.58		
20	16QAM	50	0	20.67	20.77	20.62		
20	16QAM	50	24	20.71	20.69	20.70	22	2
20	16QAM	50	50	20.62	20.75	20.60		
20	16QAM	100	0	20.75	20.70	20.70		
20	64QAM	1

Band 38 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.24	22.38	22.35	23.5	0
20	QPSK	1	49	22.09	22.31	22.25		
20	QPSK	1	99	22.17	22.30	22.26		
20	QPSK	50	0	21.24	21.33	21.23	22.5	1
20	QPSK	50	24	21.14	21.22	21.16		
20	QPSK	50	50	21.14	21.27	21.08		
20	QPSK	100	0	21.10	21.18	21.13		
20	16QAM	1	0	21.10	21.21	21.17	22.5	1
20	16QAM	1	49	21.14	21.27	21.14		
20	16QAM	1	99	21.13	21.27	21.08		
20	16QAM	50	0	20.38	20.51	20.39	21.5	2
20	16QAM	50	24	20.32	20.36	20.31		
20	16QAM	50	50	20.34	20.36	20.25		
20	16QAM	100	0	20.29	20.40	20.26		
20	64QAM	1	0	20.29	20.38	20.31	21.5	2
20	64QAM	1	49	20.34	20.41	20.30		
20	64QAM	1	99	20.26	20.46	20.33		
20	64QAM	50	0	19.30	19.45	19.35	20.5	3
20	64QAM	50	24	19.19	19.34	19.24		
20	64QAM	50	50	19.21	19.36	19.28		
20	64QAM	100	0	19.23	19.33	19.24		
20	256QAM	1	0	17.27	17.36	17.32	18.5	5
20	256QAM	1	49	17.16	17.24	17.23		
20	256QAM	1	99	17.17	17.27	17.24		
20	256QAM	50	0	17.18	17.28	17.17	18.5	5
20	256QAM	50	24	17.21	17.24	17.21		
20	256QAM	50	50	17.19	17.20	17.25		
20	256QAM	100	0	17.12	17.28	17.22		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.19	22.32	22.27	23.5	0
15	QPSK	1	37	22.05	22.17	22.13		
15	QPSK	1	74	22.04	22.23	22.17		
15	QPSK	36	0	21.19	21.21	21.10	22.5	1
15	QPSK	36	20	20.99	21.16	21.09		
15	QPSK	36	39	20.99	21.19	20.97		
15	QPSK	75	0	21.00	21.11	21.05		
15	16QAM	1	0	21.00	21.09	21.07	22.5	1
15	16QAM	1	37	21.02	21.18	21.05		
15	16QAM	1	74	21.05	21.11	21.01		
15	16QAM	36	0	20.32	20.36	20.33	21.5	2
15	16QAM	36	20	20.26	20.31	20.26		
15	16QAM	36	39	20.24	20.22	20.14		
15	16QAM	75	0	20.13	20.33	20.14		
15	64QAM	1	0	20.24	20.31	20.27	21.5	2
15	64QAM	1	37	20.20	20.33	20.15		
15	64QAM	1	74	20.16	20.37	20.21		
15	64QAM	36	0	19.19	19.35	19.22	20.5	3
15	64QAM	36	20	19.08	19.24	19.10		
15	64QAM	36	39	19.15	19.29	19.19		
15	64QAM	75	0	19.10	19.28	19.19		
15	256QAM	1	0	17.20	17.28	17.25	18.5	5
15	256QAM	1	37	17.08	17.09	17.13		
15	256QAM	1	74	17.06	17.11	17.11		
15	256QAM	36	0	17.12	17.22	17.05	18.5	5
15	256QAM	36	20	17.17	17.09	17.16		
15	256QAM	36	39	17.14	17.08	17.16		
15	256QAM	75	0	16.96	17.23	17.08		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.11	22.29	22.22	23.5	0
10	QPSK	1	25	22.03	22.18	22.14		
10	QPSK	1	49	22.04	22.19	22.14		
10	QPSK	25	0	21.12	21.19	21.17	22.5	1
10	QPSK	25	12	21.00	21.08	21.10		
10	QPSK	25	25	21.06	21.22	21.01		
10	QPSK	50	0	21.00	21.10	21.14		
10	16QAM	1	0	20.97	21.13	21.10	22.5	1
10	16QAM	1	25	21.05	21.14	21.10		
10	16QAM	1	49	21.09	21.14	20.98		
10	16QAM	25	0	20.28	20.37	20.33	21.5	2
10	16QAM	25	12	20.17	20.32	20.20		
10	16QAM	25	25	20.20	20.31	20.12		
10	16QAM	50	0	20.16	20.32	20.16		
10	64QAM	1	0	20.14	20.23	20.23	21.5	2
10	64QAM	1	25	20.25	20.36	20.18		
10	64QAM	1	49	20.19	20.38	20.22		
10	64QAM	25	0	19.19	19.38	19.28	20.5	3
10	64QAM	25	12	19.09	19.21	19.18		
10	64QAM	25	25	19.11	19.29	19.20		
10	64QAM	50	0	19.14	19.19	19.09		
10	256QAM	1	0	17.21	17.31	17.17	18.5	5
10	256QAM	1	25	17.04	17.16	17.13		
10	256QAM	1	49	17.02	17.21	17.16		
10	256QAM	25	0	17.07	17.15	17.02	18.5	5
10	256QAM	25	12	17.16	17.14	17.06		
10	256QAM	25	25	17.09	17.07	17.10		
10	256QAM	50	0	17.05	17.16	17.17		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.15	22.24	22.27	23.5	0
5	QPSK	1	12	21.94	22.20	22.17		
5	QPSK	1	24	22.13	22.20	22.20		
5	QPSK	12	0	21.13	21.21	21.17	22.5	1
5	QPSK	12	7	21.01	21.08	21.03		
5	QPSK	12	13	21.04	21.15	20.93		
5	QPSK	25	0	20.98	21.11	21.07		
5	16QAM	1	0	20.95	21.07	21.08	22.5	1
5	16QAM	1	12	21.08	21.12	21.02		
5	16QAM	1	24	21.02	21.20	20.95		
5	16QAM	12	0	20.30	20.46	20.35	21.5	2
5	16QAM	12	7	20.25	20.22	20.21		
5	16QAM	12	13	20.27	20.22	20.11		
5	16QAM	25	0	20.24	20.26	20.10		
5	64QAM	1	0	20.16	20.31	20.23	21.5	2
5	64QAM	1	12	20.23	20.33	20.16		
5	64QAM	1	24	20.21	20.34	20.19		
5	64QAM	12	0	19.26	19.37	19.20	20.5	3
5	64QAM	12	7	19.06	19.24	19.15		
5	64QAM	12	13	19.14	19.22	19.16		
5	64QAM	25	0	19.19	19.19	19.16		
5	256QAM	1	0	17.15	17.20	17.22	18.5	5
5	256QAM	1	12	17.05	17.16	17.13		
5	256QAM	1	24	17.08	17.13	17.10		
5	256QAM	12	0	17.14	17.13	17.02	18.5	5
5	256QAM	12	7	17.06	17.17	17.05		
5	256QAM	12	13	17.06	17.10	17.10		
5	256QAM	25	0	16.97	17.22	17.17		

Band 38 HPUE Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	25.22	25.35	25.27	26.5	0
20	QPSK	1	49	25.10	25.20	25.17		
20	QPSK	1	99	25.15	25.23	25.23		
20	QPSK	50	0	24.29	24.43	24.27	25.5	1
20	QPSK	50	24	24.16	24.37	24.20		
20	QPSK	50	50	24.16	24.38	24.14		
20	QPSK	100	0	24.21	24.36	24.12		
20	16QAM	1	0	24.15	24.30	24.20	25.5	1
20	16QAM	1	49	24.18	24.37	24.18		
20	16QAM	1	99	24.24	24.39	24.20		
20	16QAM	50	0	23.32	23.47	23.35	24.5	2
20	16QAM	50	24	23.20	23.40	23.25		
20	16QAM	50	50	23.26	23.31	23.25		
20	16QAM	100	0	23.23	23.41	23.22		
20	64QAM	1	0	23.22	23.43	23.29	24.5	2
20	64QAM	1	49	23.18	23.38	23.29		
20	64QAM	1	99	23.22	23.33	23.22		
20	64QAM	50	0	22.19	22.27	22.19	23.5	3
20	64QAM	50	24	22.28	22.35	22.22		
20	64QAM	50	50	22.18	22.36	22.22		
20	64QAM	100	0	22.23	22.29	22.16		
20	256QAM	1	0	20.45	20.56	20.50	21.5	5
20	256QAM	1	49	20.34	20.51	20.37		
20	256QAM	1	99	20.37	20.47	20.39		
20	256QAM	50	0	20.35	20.45	20.36	21.5	5
20	256QAM	50	24	20.31	20.48	20.40		
20	256QAM	50	50	20.37	20.40	20.38		
20	256QAM	100	0	20.31	20.42	20.38		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	25.17	25.24	25.11	26.5	0
15	QPSK	1	37	24.98	25.13	25.03		
15	QPSK	1	74	25.10	25.09	25.18		
15	QPSK	36	0	24.15	24.35	24.13	25.5	1
15	QPSK	36	20	24.03	24.30	24.14		
15	QPSK	36	39	24.05	24.25	24.09		
15	QPSK	75	0	24.14	24.27	24.03		
15	16QAM	1	0	24.05	24.22	24.05	25.5	1
15	16QAM	1	37	24.05	24.23	24.07		
15	16QAM	1	74	24.18	24.34	24.09		
15	16QAM	36	0	23.26	23.34	23.22	24.5	2
15	16QAM	36	20	23.05	23.32	23.21		
15	16QAM	36	39	23.14	23.17	23.16		
15	16QAM	75	0	23.16	23.28	23.08		
15	64QAM	1	0	23.10	23.34	23.15	24.5	2
15	64QAM	1	37	23.11	23.24	23.22		
15	64QAM	1	74	23.15	23.20	23.06		
15	64QAM	36	0	22.09	22.16	22.09	23.5	3
15	64QAM	36	20	22.17	22.26	22.17		
15	64QAM	36	39	22.11	22.22	22.17		
15	64QAM	75	0	22.14	22.19	22.07		
15	256QAM	1	0	20.30	20.50	20.37	21.5	5
15	256QAM	1	37	20.27	20.37	20.27		
15	256QAM	1	74	20.29	20.32	20.31		
15	256QAM	36	0	20.29	20.31	20.28	21.5	5
15	256QAM	36	20	20.24	20.40	20.33		
15	256QAM	36	39	20.29	20.36	20.28		
15	256QAM	75	0	20.25	20.32	20.30		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	25.06	25.24	25.21	26.5	0
10	QPSK	1	25	24.97	25.09	25.03		
10	QPSK	1	49	25.01	25.17	25.11		
10	QPSK	25	0	24.20	24.29	24.14	25.5	1
10	QPSK	25	12	24.11	24.23	24.13		
10	QPSK	25	25	24.10	24.28	24.01		
10	QPSK	50	0	24.14	24.31	24.03		
10	16QAM	1	0	24.08	24.19	24.08	25.5	1
10	16QAM	1	25	24.08	24.29	24.09		
10	16QAM	1	49	24.16	24.29	24.11		
10	16QAM	25	0	23.28	23.34	23.20	24.5	2
10	16QAM	25	12	23.10	23.31	23.10		
10	16QAM	25	25	23.15	23.21	23.12		
10	16QAM	50	0	23.16	23.32	23.08		
10	64QAM	1	0	23.13	23.38	23.24	24.5	2
10	64QAM	1	25	23.10	23.31	23.22		
10	64QAM	1	49	23.09	23.23	23.08		
10	64QAM	25	0	22.09	22.14	22.05	23.5	3
10	64QAM	25	12	22.16	22.31	22.14		
10	64QAM	25	25	22.03	22.22	22.09		
10	64QAM	50	0	22.17	22.21	22.01		
10	256QAM	1	0	20.34	20.47	20.35	21.5	5
10	256QAM	1	25	20.25	20.45	20.29		
10	256QAM	1	49	20.30	20.36	20.29		
10	256QAM	25	0	20.20	20.37	20.24	21.5	5
10	256QAM	25	12	20.21	20.37	20.30		
10	256QAM	25	25	20.22	20.30	20.31		
10	256QAM	50	0	20.16	20.33	20.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	25.17	25.19	25.19	26.5	0
5	QPSK	1	12	24.96	25.14	25.04		
5	QPSK	1	24	24.99	25.19	25.17		
5	QPSK	12	0	24.18	24.36	24.22	25.5	1
5	QPSK	12	7	24.11	24.33	24.09		
5	QPSK	12	13	24.00	24.33	24.03		
5	QPSK	25	0	24.09	24.29	24.05		
5	16QAM	1	0	24.04	24.21	24.07	25.5	1
5	16QAM	1	12	24.04	24.23	24.02		
5	16QAM	1	24	24.11	24.27	24.05		
5	16QAM	12	0	23.16	23.38	23.20	24.5	2
5	16QAM	12	7	23.08	23.29	23.18		
5	16QAM	12	13	23.14	23.16	23.12		
5	16QAM	25	0	23.18	23.29	23.08		
5	64QAM	1	0	23.13	23.31	23.14	24.5	2
5	64QAM	1	12	23.05	23.24	23.13		
5	64QAM	1	24	23.09	23.23	23.08		
5	64QAM	12	0	22.07	22.15	22.04	23.5	3
5	64QAM	12	7	22.22	22.27	22.16		
5	64QAM	12	13	22.10	22.29	22.10		
5	64QAM	25	0	22.16	22.17	22.07		
5	256QAM	1	0	20.30	20.49	20.45	21.5	5
5	256QAM	1	12	20.25	20.39	20.26		
5	256QAM	1	24	20.22	20.40	20.30		
5	256QAM	12	0	20.31	20.34	20.31	21.5	5
5	256QAM	12	7	20.27	20.34	20.34		
5	256QAM	12	13	20.24	20.34	20.33		
5	256QAM	25	0	20.21	20.29	20.30		

Band 41 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.38	22.31	22.41	22.39	22.36	23.5	0
20	QPSK	1	49	22.31	22.22	22.35	22.33	22.27		
20	QPSK	1	99	22.31	22.16	22.37	22.33	22.26		
20	QPSK	50	0	21.21	21.29	21.37	21.24	21.28	22.5	1
20	QPSK	50	24	21.16	21.21	21.32	21.18	21.23		
20	QPSK	50	50	21.05	21.24	21.24	21.10	21.23		
20	QPSK	100	0	21.10	21.16	21.26	21.15	21.13		
20	16QAM	1	0	21.14	21.15	21.21	21.16	21.17	22.5	1
20	16QAM	1	49	21.09	21.22	21.29	21.13	21.16		
20	16QAM	1	99	21.11	21.20	21.22	21.18	21.21		
20	16QAM	50	0	20.36	20.36	20.42	20.37	20.33	21.5	2
20	16QAM	50	24	20.24	20.22	20.26	20.26	20.19		
20	16QAM	50	50	20.27	20.24	20.29	20.26	20.28		
20	16QAM	100	0	20.27	20.24	20.26	20.26	20.24		
20	64QAM	1	0	20.24	20.23	20.35	20.27	20.18	21.5	2
20	64QAM	1	49	20.23	20.28	20.31	20.31	20.20		
20	64QAM	1	99	20.27	20.26	20.36	20.29	20.20		
20	64QAM	50	0	19.33	19.22	19.38	19.30	19.27	20.5	3
20	64QAM	50	24	19.17	19.14	19.28	19.24	19.16		
20	64QAM	50	50	19.23	19.08	19.24	19.16	19.21		
20	64QAM	100	0	19.24	19.11	19.32	19.21	19.12		
20	256QAM	1	0	17.10	17.15	17.23	17.14	17.18	18.5	5
20	256QAM	1	49	16.98	17.06	17.07	17.03	17.07		
20	256QAM	1	99	17.04	17.07	17.12	17.07	17.14		
20	256QAM	50	0	17.04	17.09	17.14	17.00	17.11	18.5	5
20	256QAM	50	24	16.94	17.07	17.12	17.04	17.04		
20	256QAM	50	50	17.03	17.06	17.11	17.00	17.10		
20	256QAM	100	0	17.05	17.07	17.15	17.07	17.14		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.28	22.20	22.25	22.30	22.27	23.50	0
15	QPSK	1	37	22.20	22.08	22.30	22.24	22.18		
15	QPSK	1	74	22.25	22.12	22.22	22.28	22.17		
15	QPSK	36	0	21.10	21.21	21.32	21.17	21.20	22.5	1
15	QPSK	36	20	21.11	21.14	21.28	21.07	21.14		
15	QPSK	36	39	20.92	21.15	21.20	20.98	21.19		
15	QPSK	75	0	21.05	21.11	21.18	21.03	21.03		
15	16QAM	1	0	21.03	21.02	21.17	21.04	21.12	22.5	1
15	16QAM	1	37	20.96	21.08	21.25	21.02	21.12		
15	16QAM	1	74	21.00	21.08	21.09	21.04	21.06		
15	16QAM	36	0	20.24	20.22	20.36	20.32	20.26	21.5	2
15	16QAM	36	20	20.16	20.07	20.12	20.19	20.03		
15	16QAM	36	39	20.16	20.09	20.14	20.12	20.12		
15	16QAM	75	0	20.17	20.13	20.10	20.13	20.09		
15	64QAM	1	0	20.15	20.11	20.28	20.15	20.11	21.5	2
15	64QAM	1	37	20.18	20.16	20.15	20.24	20.07		
15	64QAM	1	74	20.15	20.22	20.20	20.14	20.15		
15	64QAM	36	0	19.18	19.06	19.30	19.22	19.15	20.5	3
15	64QAM	36	20	19.02	18.99	19.22	19.17	19.03		
15	64QAM	36	39	19.11	19.03	19.17	19.10	19.17		
15	64QAM	75	0	19.09	19.00	19.20	19.05	19.00		
15	256QAM	1	0	16.96	17.04	17.12	17.00	17.07	18.5	5
15	256QAM	1	37	16.87	17.00	16.91	16.90	16.92		
15	256QAM	1	74	16.95	17.00	17.03	16.99	17.01		
15	256QAM	36	0	16.91	16.96	17.05	16.91	17.04	18.5	5
15	256QAM	36	20	16.88	16.99	16.98	16.97	16.90		
15	256QAM	36	39	16.93	16.92	16.99	16.91	17.01		
15	256QAM	75	0	17.00	16.97	17.04	17.00	17.08		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.23	22.23	22.28	22.28	22.28	23.50	0
10	QPSK	1	25	22.23	22.12	22.30	22.24	22.14		
10	QPSK	1	49	22.26	22.09	22.21	22.27	22.21		
10	QPSK	25	0	21.10	21.17	21.21	21.16	21.18	22.5	1
10	QPSK	25	12	20.99	21.14	21.19	21.03	21.08		
10	QPSK	25	25	20.94	21.09	21.12	21.01	21.14		
10	QPSK	50	0	20.95	21.11	21.19	21.06	20.99		
10	16QAM	1	0	21.08	21.01	21.08	21.09	21.09	22.5	1
10	16QAM	1	25	21.04	21.08	21.18	20.99	21.11		
10	16QAM	1	49	21.00	21.09	21.15	21.10	21.16		
10	16QAM	25	0	20.24	20.28	20.31	20.27	20.27	21.5	2
10	16QAM	25	12	20.13	20.10	20.16	20.14	20.10		
10	16QAM	25	25	20.22	20.15	20.20	20.15	20.13		
10	16QAM	50	0	20.16	20.10	20.15	20.17	20.14		
10	64QAM	1	0	20.10	20.13	20.21	20.20	20.03	21.5	2
10	64QAM	1	25	20.08	20.19	20.20	20.24	20.13		
10	64QAM	1	49	20.18	20.17	20.23	20.23	20.14		
10	64QAM	25	0	19.20	19.07	19.26	19.15	19.16	20.5	3
10	64QAM	25	12	19.01	19.08	19.18	19.09	19.10		
10	64QAM	25	25	19.09	19.03	19.12	19.12	19.07		
10	64QAM	50	0	19.15	19.07	19.21	19.08	18.99		
10	256QAM	1	0	16.97	17.05	17.14	17.08	17.09	18.5	5
10	256QAM	1	25	16.82	16.99	16.97	16.95	17.02		
10	256QAM	1	49	16.94	16.93	16.97	17.01	16.99		
10	256QAM	25	0	16.92	16.94	17.05	16.88	17.02	18.5	5
10	256QAM	25	12	16.82	16.99	17.03	16.98	16.92		
10	256QAM	25	25	16.98	17.00	17.04	16.91	16.97		
10	256QAM	50	0	16.94	17.03	17.04	16.96	17.01		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.3	2687.5		
5	QPSK	1	0	22.31	22.18	22.28	22.25	22.29	23.50	0
5	QPSK	1	12	22.18	22.13	22.30	22.18	22.15		
5	QPSK	1	24	22.25	22.01	22.31	22.22	22.17		
5	QPSK	12	0	21.07	21.14	21.27	21.10	21.19	22.5	1
5	QPSK	12	7	21.10	21.05	21.24	21.07	21.10		
5	QPSK	12	13	20.96	21.15	21.18	21.04	21.11		
5	QPSK	25	0	21.03	21.07	21.15	21.04	21.08		
5	16QAM	1	0	21.03	21.01	21.09	21.08	21.03	22.5	1
5	16QAM	1	12	21.03	21.13	21.18	21.00	21.12		
5	16QAM	1	24	20.96	21.05	21.14	21.07	21.14		
5	16QAM	12	0	20.21	20.27	20.31	20.24	20.17	21.5	2
5	16QAM	12	7	20.17	20.17	20.12	20.18	20.09		
5	16QAM	12	13	20.20	20.19	20.18	20.20	20.17		
5	16QAM	25	0	20.19	20.13	20.20	20.14	20.14		
5	64QAM	1	0	20.17	20.09	20.29	20.11	20.03	21.5	2
5	64QAM	1	12	20.14	20.15	20.23	20.22	20.15		
5	64QAM	1	24	20.20	20.18	20.26	20.17	20.08		
5	64QAM	12	0	19.28	19.06	19.34	19.23	19.22	20.5	3
5	64QAM	12	7	19.03	19.01	19.20	19.15	19.01		
5	64QAM	12	13	19.14	18.98	19.13	19.05	19.10		
5	64QAM	25	0	19.08	19.05	19.20	19.07	19.03		
5	256QAM	1	0	16.98	16.99	17.11	17.07	17.08	18.5	5
5	256QAM	1	12	16.84	16.93	17.00	16.99	17.01		
5	256QAM	1	24	16.98	16.96	17.04	17.00	17.05		
5	256QAM	12	0	16.95	16.94	17.04	16.89	17.05	18.5	5
5	256QAM	12	7	16.86	16.95	17.04	16.95	16.98		
5	256QAM	12	13	16.94	16.95	17.01	16.95	17.03		
5	256QAM	25	0	16.90	16.98	17.10	16.96	17.04		

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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	25.38	25.45	25.42	25.31	26.5	0
20	QPSK	1	49	25.25	25.29	25.38	25.35	25.21		
20	QPSK	1	99	25.26	25.33	25.31	25.28	25.19		
20	QPSK	50	0	24.50	24.45	24.55	24.48	24.48	25.5	1
20	QPSK	50	24	24.38	24.39	24.50	24.34	24.43		
20	QPSK	50	50	24.41	24.39	24.45	24.34	24.39		
20	QPSK	100	0	24.39	24.30	24.50	24.43	24.42		
20	16QAM	1	0	24.38	24.39	24.48	24.32	24.38	25.5	1
20	16QAM	1	49	24.39	24.38	24.46	24.37	24.36		
20	16QAM	1	99	24.35	24.38	24.42	24.33	24.38		
20	16QAM	50	0	23.44	23.45	23.53	23.44	23.41	24.5	2
20	16QAM	50	24	23.37	23.32	23.39	23.32	23.26		
20	16QAM	50	50	23.30	23.31	23.39	23.33	23.29		
20	16QAM	100	0	23.30	23.36	23.41	23.36	23.27		
20	64QAM	1	0	23.32	23.41	23.49	23.32	23.27	24.5	2
20	64QAM	1	49	23.38	23.38	23.43	23.38	23.34		
20	64QAM	1	99	23.39	23.36	23.38	23.29	23.32		
20	64QAM	50	0	22.45	22.43	22.51	22.46	22.37	23.5	3
20	64QAM	50	24	22.34	22.35	22.36	22.34	22.30		
20	64QAM	50	50	22.32	22.34	22.40	22.32	22.22		
20	64QAM	100	0	22.32	22.37	22.44	22.34	22.23		
20	256QAM	1	0	20.36	20.45	20.49	20.34	20.41	21.5	5
20	256QAM	1	49	20.30	20.34	20.43	20.19	20.33		
20	256QAM	1	99	20.28	20.37	20.43	20.28	20.33		
20	256QAM	50	0	20.29	20.36	20.40	20.20	20.33	21.5	5
20	256QAM	50	24	20.25	20.29	20.40	20.23	20.37		
20	256QAM	50	50	20.25	20.37	20.37	20.29	20.30		
20	256QAM	100	0	20.27	20.34	20.45	20.26	20.26		
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	25.24	25.24	25.40	25.28	25.16	26.50	0
15	QPSK	1	37	25.19	25.25	25.27	25.28	25.14		
15	QPSK	1	74	25.14	25.22	25.16	25.20	25.07		
15	QPSK	36	0	24.38	24.39	24.45	24.39	24.41	25.5	1
15	QPSK	36	20	24.26	24.30	24.38	24.23	24.33		
15	QPSK	36	39	24.28	24.29	24.30	24.28	24.35		
15	QPSK	75	0	24.25	24.15	24.41	24.30	24.29		
15	16QAM	1	0	24.29	24.30	24.35	24.21	24.25	25.5	1
15	16QAM	1	37	24.33	24.24	24.37	24.28	24.29		
15	16QAM	1	74	24.26	24.29	24.32	24.26	24.31		
15	16QAM	36	0	23.33	23.41	23.44	23.38	23.29	24.5	2
15	16QAM	36	20	23.28	23.28	23.30	23.18	23.10		
15	16QAM	36	39	23.16	23.18	23.34	23.26	23.20		
15	16QAM	75	0	23.16	23.31	23.33	23.30	23.17		
15	64QAM	1	0	23.20	23.33	23.38	23.20	23.21	24.5	2
15	64QAM	1	37	23.30	23.28	23.28	23.30	23.21		
15	64QAM	1	74	23.31	23.25	23.34	23.20	23.18		
15	64QAM	36	0	22.40	22.34	22.40	22.36	22.29	23.5	3
15	64QAM	36	20	22.20	22.22	22.20	22.22	22.16		
15	64QAM	36	39	22.22	22.27	22.29	22.23	22.15		
15	64QAM	75	0	22.23	22.30	22.35	22.28	22.12		
15	256QAM	1	0	20.23	20.36	20.37	20.19	20.34	21.5	5
15	256QAM	1	37	20.23	20.25	20.36	20.08	20.21		
15	256QAM	1	74	20.16	20.26	20.27	20.14	20.26		
15	256QAM	36	0	20.17	20.24	20.35	20.05	20.28	21.5	5
15	256QAM	36	20	20.17	20.24	20.26	20.16	20.30		
15	256QAM	36	39	20.12	20.28	20.25	20.18	20.21		
15	256QAM	75	0	20.14	20.26	20.39	20.20	20.18		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.31	25.30	25.35	25.29	25.15	26.50	0
10	QPSK	1	25	25.14	25.25	25.27	25.23	25.12		
10	QPSK	1	49	25.19	25.20	25.25	25.19	25.14		
10	QPSK	25	0	24.42	24.34	24.49	24.34	24.33	25.5	1
10	QPSK	25	12	24.34	24.32	24.45	24.18	24.38		
10	QPSK	25	25	24.30	24.25	24.37	24.21	24.33		
10	QPSK	50	0	24.31	24.14	24.37	24.37	24.37		
10	16QAM	1	0	24.30	24.34	24.34	24.24	24.23	25.5	1
10	16QAM	1	25	24.33	24.25	24.38	24.30	24.23		
10	16QAM	1	49	24.24	24.27	24.32	24.23	24.32		
10	16QAM	25	0	23.33	23.38	23.41	23.29	23.30	24.5	2
10	16QAM	25	12	23.29	23.22	23.32	23.19	23.19		
10	16QAM	25	25	23.21	23.21	23.23	23.29	23.24		
10	16QAM	50	0	23.15	23.24	23.28	23.31	23.15		
10	64QAM	1	0	23.25	23.26	23.37	23.27	23.15	24.5	2
10	64QAM	1	25	23.26	23.27	23.32	23.28	23.27		
10	64QAM	1	49	23.28	23.22	23.31	23.23	23.16		
10	64QAM	25	0	22.37	22.31	22.41	22.30	22.29	23.5	3
10	64QAM	25	12	22.21	22.20	22.30	22.20	22.19		
10	64QAM	25	25	22.16	22.24	22.26	22.22	22.16		
10	64QAM	50	0	22.17	22.24	22.28	22.19	22.10		
10	256QAM	1	0	20.29	20.30	20.41	20.24	20.29	21.5	5
10	256QAM	1	25	20.26	20.22	20.36	20.03	20.18		
10	256QAM	1	49	20.18	20.26	20.37	20.22	20.23		
10	256QAM	25	0	20.18	20.31	20.26	20.15	20.17	21.5	5
10	256QAM	25	12	20.11	20.19	20.31	20.09	20.30		
10	256QAM	25	25	20.14	20.27	20.27	20.18	20.23		
10	256QAM	50	0	20.22	20.22	20.41	20.17	20.14		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2546.8	2593	2640.3	2687.5		
5	QPSK	1	0	25.26	25.30	25.40	25.27	25.20	26.50	0
5	QPSK	1	12	25.13	25.21	25.25	25.20	25.13		
5	QPSK	1	24	25.14	25.25	25.27	25.22	25.11		
5	QPSK	12	0	24.41	24.39	24.47	24.34	24.42	25.5	1
5	QPSK	12	7	24.28	24.27	24.38	24.30	24.32		
5	QPSK	12	13	24.35	24.27	24.34	24.25	24.33		
5	QPSK	25	0	24.30	24.19	24.45	24.35	24.35		
5	16QAM	1	0	24.26	24.26	24.33	24.18	24.29	25.5	1
5	16QAM	1	12	24.34	24.23	24.37	24.24	24.26		
5	16QAM	1	24	24.21	24.25	24.33	24.26	24.28		
5	16QAM	12	0	23.34	23.35	23.46	23.38	23.37	24.5	2
5	16QAM	12	7	23.29	23.21	23.33	23.19	23.16		
5	16QAM	12	13	23.22	23.25	23.32	23.27	23.21		
5	16QAM	25	0	23.25	23.21	23.31	23.30	23.16		
5	64QAM	1	0	23.25	23.29	23.44	23.21	23.17	24.5	2
5	64QAM	1	12	23.28	23.31	23.32	23.32	23.27		
5	64QAM	1	24	23.28	23.29	23.25	23.21	23.26		
5	64QAM	12	0	22.41	22.29	22.46	22.36	22.24	23.5	3
5	64QAM	12	7	22.24	22.20	22.22	22.28	22.24		
5	64QAM	12	13	22.25	22.28	22.30	22.28	22.13		
5	64QAM	25	0	22.18	22.29	22.31	22.29	22.17		
5	256QAM	1	0	20.20	20.36	20.45	20.19	20.33	21.5	5
5	256QAM	1	12	20.18	20.26	20.27	20.10	20.26		
5	256QAM	1	24	20.13	20.26	20.27	20.16	20.19		
5	256QAM	12	0	20.17	20.24	20.33	20.15	20.24	21.5	5
5	256QAM	12	7	20.11	20.20	20.29	20.14	20.23		
5	256QAM	12	13	20.15	20.25	20.25	20.21	20.16		
5	256QAM	25	0	20.21	20.20	20.30	20.19	20.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3580	3575	3590		
20	QPSK	1	0	22.75	22.76	22.73	24	0
20	QPSK	1	49	22.63	22.72	22.68		
20	QPSK	1	99	22.61	22.71	22.63		
20	QPSK	50	0	21.58	21.71	21.63	23	1
20	QPSK	50	24	21.45	21.61	21.55		
20	QPSK	50	50	21.46	21.65	21.48		
20	QPSK	100	0	21.47	21.66	21.52		
20	16QAM	1	0	21.47	21.67	21.49	23	1
20	16QAM	1	49	21.53	21.67	21.50		
20	16QAM	1	99	21.43	21.57	21.54		
20	16QAM	50	0	20.71	20.86	20.70	22	2
20	16QAM	50	24	20.64	20.78	20.57		
20	16QAM	50	50	20.60	20.71	20.55		
20	16QAM	100	0	20.60	20.71	20.57		
20	64QAM	1	0	20.58	20.80	20.60	22	2
20	64QAM	1	49	20.66	20.81	20.59		
20	64QAM	1	99	20.59	20.74	20.63		
20	64QAM	50	0	19.76	19.88	19.78	21	3
20	64QAM	50	24	19.62	19.75	19.69		
20	64QAM	50	50	19.71	19.73	19.62		
20	64QAM	100	0	19.64	19.73	19.66		
20	256QAM	1	0	17.61	17.71	17.58	19	5
20	256QAM	1	49	17.51	17.62	17.51		
20	256QAM	1	99	17.52	17.64	17.45		
20	256QAM	50	0	17.46	17.57	17.46	19	5
20	256QAM	50	24	17.53	17.67	17.47		
20	256QAM	50	50	17.46	17.62	17.42		
20	256QAM	100	0	17.55	17.58	17.46		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.70	22.65	22.58	24	0
15	QPSK	1	37	22.50	22.67	22.62		
15	QPSK	1	74	22.53	22.60	22.52		
15	QPSK	36	0	21.51	21.60	21.56	23	1
15	QPSK	36	20	21.39	21.50	21.44		
15	QPSK	36	39	21.33	21.61	21.34		
15	QPSK	75	0	21.35	21.59	21.46		
15	16QAM	1	0	21.31	21.59	21.40	23	1
15	16QAM	1	37	21.42	21.58	21.45		
15	16QAM	1	74	21.31	21.42	21.44		
15	16QAM	36	0	20.64	20.79	20.65	22	2
15	16QAM	36	20	20.56	20.69	20.46		
15	16QAM	36	39	20.52	20.62	20.50		
15	16QAM	75	0	20.56	20.64	20.43		
15	64QAM	1	0	20.46	20.76	20.51	22	2
15	64QAM	1	37	20.50	20.72	20.52		
15	64QAM	1	74	20.53	20.65	20.51		
15	64QAM	36	0	19.64	19.79	19.62	21	3
15	64QAM	36	20	19.46	19.63	19.58		
15	64QAM	36	39	19.56	19.64	19.49		
15	64QAM	75	0	19.54	19.61	19.52		
15	256QAM	1	0	17.48	17.59	17.53	19	5
15	256QAM	1	37	17.43	17.54	17.41		
15	256QAM	1	74	17.39	17.52	17.39		
15	256QAM	36	0	17.32	17.45	17.42	19	5
15	256QAM	36	20	17.39	17.54	17.32		
15	256QAM	36	39	17.36	17.53	17.34		
15	256QAM	75	0	17.42	17.50	17.30		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	22.70	22.65	22.60	24	0
10	QPSK	1	25	22.53	22.58	22.62		
10	QPSK	1	49	22.48	22.62	22.55		
10	QPSK	25	0	21.51	21.57	21.57	23	1
10	QPSK	25	12	21.32	21.52	21.43		
10	QPSK	25	25	21.38	21.50	21.42		
10	QPSK	50	0	21.34	21.52	21.41		
10	16QAM	1	0	21.40	21.61	21.40	23	1
10	16QAM	1	25	21.47	21.62	21.36		
10	16QAM	1	49	21.35	21.47	21.48		
10	16QAM	25	0	20.66	20.79	20.62	22	2
10	16QAM	25	12	20.52	20.65	20.47		
10	16QAM	25	25	20.53	20.60	20.40		
10	16QAM	50	0	20.51	20.55	20.43		
10	64QAM	1	0	20.45	20.70	20.49	22	2
10	64QAM	1	25	20.58	20.74	20.50		
10	64QAM	1	49	20.52	20.65	20.48		
10	64QAM	25	0	19.61	19.73	19.72	21	3
10	64QAM	25	12	19.49	19.60	19.54		
10	64QAM	25	25	19.58	19.61	19.51		
10	64QAM	50	0	19.53	19.63	19.57		
10	256QAM	1	0	17.47	17.62	17.52	19	5
10	256QAM	1	25	17.37	17.47	17.40		
10	256QAM	1	49	17.42	17.58	17.32		
10	256QAM	25	0	17.32	17.41	17.39	19	5
10	256QAM	25	12	17.44	17.54	17.34		
10	256QAM	25	25	17.39	17.47	17.28		
10	256QAM	50	0	17.41	17.51	17.30		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3522.5	3575	3597.5		
5	QPSK	1	0	22.71	22.67	22.65	24	0
5	QPSK	1	12	22.53	22.58	22.54		
5	QPSK	1	24	22.50	22.61	22.52		
5	QPSK	12	0	21.45	21.60	21.51	23	1
5	QPSK	12	7	21.33	21.54	21.41		
5	QPSK	12	13	21.35	21.55	21.39		
5	QPSK	25	0	21.32	21.60	21.36		
5	16QAM	1	0	21.42	21.56	21.40	23	1
5	16QAM	1	12	21.45	21.59	21.37		
5	16QAM	1	24	21.27	21.52	21.40		
5	16QAM	12	0	20.56	20.73	20.60	22	2
5	16QAM	12	7	20.59	20.72	20.43		
5	16QAM	12	13	20.49	20.61	20.42		
5	16QAM	25	0	20.45	20.64	20.45		
5	64QAM	1	0	20.47	20.72	20.54	22	2
5	64QAM	1	12	20.51	20.74	20.49		
5	64QAM	1	24	20.45	20.69	20.49		
5	64QAM	12	0	19.64	19.76	19.70	21	3
5	64QAM	12	7	19.52	19.62	19.55		
5	64QAM	12	13	19.57	19.58	19.49		
5	64QAM	25	0	19.49	19.64	19.59		
5	256QAM	1	0	17.48	17.57	17.44	19	5
5	256QAM	1	12	17.40	17.48	17.46		
5	256QAM	1	24	17.37	17.55	17.34		
5	256QAM	12	0	17.35	17.45	17.33	19	5
5	256QAM	12	7	17.43	17.55	17.33		
5	256QAM	12	13	17.31	17.55	17.32		
5	256QAM	25	0	17.49	17.51	17.37		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.69	22.80	22.64	24	0
20	QPSK	1	49	22.64	22.70	22.53		
20	QPSK	1	99	22.58	22.67	22.51		
20	QPSK	50	0	21.63	21.75	21.66	23	1
20	QPSK	50	24	21.58	21.68	21.60		
20	QPSK	50	50	21.55	21.66	21.52		
20	QPSK	100	0	21.54	21.61	21.58		
20	16QAM	1	0	21.59	21.69	21.55	23	1
20	16QAM	1	49	21.47	21.67	21.55		
20	16QAM	1	99	21.51	21.66	21.55		
20	16QAM	50	0	20.81	20.88	20.73	22	2
20	16QAM	50	24	20.67	20.75	20.67		
20	16QAM	50	50	20.68	20.76	20.69		
20	16QAM	100	0	20.66	20.72	20.67		
20	64QAM	1	0	20.74	20.82	20.58	22	2
20	64QAM	1	49	20.72	20.83	20.69		
20	64QAM	1	99	20.70	20.83	20.57		
20	64QAM	50	0	19.68	19.81	19.76	21	3
20	64QAM	50	24	19.64	19.77	19.67		
20	64QAM	50	50	19.59	19.67	19.70		
20	64QAM	100	0	19.62	19.66	19.63		
20	256QAM	1	0	17.71	17.76	17.74	19	5
20	256QAM	1	49	17.57	17.70	17.65		
20	256QAM	1	99	17.55	17.70	17.67		
20	256QAM	50	0	17.56	17.62	17.59	19	5
20	256QAM	50	24	17.62	17.63	17.64		
20	256QAM	50	50	17.61	17.65	17.64		
20	256QAM	100	0	17.63	17.70	17.65		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.56	22.76	22.51	24	0
15	QPSK	1	37	22.50	22.57	22.42		
15	QPSK	1	74	22.47	22.55	22.45		
15	QPSK	36	0	21.57	21.60	21.50	23	1
15	QPSK	36	20	21.51	21.61	21.51		
15	QPSK	36	39	21.40	21.61	21.46		
15	QPSK	75	0	21.43	21.46	21.43		
15	16QAM	1	0	21.47	21.59	21.44	23	1
15	16QAM	1	37	21.37	21.51	21.49		
15	16QAM	1	74	21.38	21.54	21.44		
15	16QAM	36	0	20.72	20.84	20.67	22	2
15	16QAM	36	20	20.54	20.70	20.55		
15	16QAM	36	39	20.64	20.72	20.58		
15	16QAM	75	0	20.60	20.60	20.54		
15	64QAM	1	0	20.66	20.67	20.43	22	2
15	64QAM	1	37	20.57	20.76	20.59		
15	64QAM	1	74	20.56	20.70	20.42		
15	64QAM	36	0	19.61	19.74	19.71	21	3
15	64QAM	36	20	19.55	19.69	19.58		
15	64QAM	36	39	19.53	19.59	19.59		
15	64QAM	75	0	19.54	19.54	19.52		
15	256QAM	1	0	17.58	17.73	17.63	19	5
15	256QAM	1	37	17.46	17.58	17.56		
15	256QAM	1	74	17.50	17.61	17.57		
15	256QAM	36	0	17.51	17.51	17.52	19	5
15	256QAM	36	20	17.55	17.53	17.53		
15	256QAM	36	39	17.46	17.57	17.56		
15	256QAM	75	0	17.50	17.58	17.58		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.55	22.70	22.56	24	0
10	QPSK	1	25	22.50	22.63	22.45		
10	QPSK	1	49	22.47	22.62	22.36		
10	QPSK	25	0	21.55	21.68	21.51	23	1
10	QPSK	25	12	21.50	21.59	21.51		
10	QPSK	25	25	21.49	21.55	21.41		
10	QPSK	50	0	21.47	21.50	21.52		
10	16QAM	1	0	21.53	21.60	21.40	23	1
10	16QAM	1	25	21.34	21.60	21.48		
10	16QAM	1	49	21.40	21.56	21.42		
10	16QAM	25	0	20.77	20.77	20.62	22	2
10	16QAM	25	12	20.63	20.69	20.56		
10	16QAM	25	25	20.56	20.71	20.62		
10	16QAM	50	0	20.53	20.61	20.58		
10	64QAM	1	0	20.63	20.68	20.42	22	2
10	64QAM	1	25	20.57	20.77	20.55		
10	64QAM	1	49	20.61	20.72	20.45		
10	64QAM	25	0	19.62	19.66	19.71	21	3
10	64QAM	25	12	19.55	19.64	19.55		
10	64QAM	25	25	19.44	19.55	19.57		
10	64QAM	50	0	19.58	19.58	19.51		
10	256QAM	1	0	17.59	17.63	17.65	19	5
10	256QAM	1	25	17.48	17.56	17.52		
10	256QAM	1	49	17.48	17.59	17.57		
10	256QAM	25	0	17.48	17.52	17.44	19	5
10	256QAM	25	12	17.56	17.59	17.55		
10	256QAM	25	25	17.47	17.50	17.53		
10	256QAM	50	0	17.55	17.61	17.59		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.57	22.66	22.51	24	0
5	QPSK	1	12	22.51	22.61	22.43		
5	QPSK	1	24	22.48	22.52	22.41		
5	QPSK	12	0	21.58	21.60	21.51	23	1
5	QPSK	12	7	21.46	21.55	21.50		
5	QPSK	12	13	21.43	21.53	21.42		
5	QPSK	25	0	21.49	21.45	21.51		
5	16QAM	1	0	21.49	21.59	21.48	23	1
5	16QAM	1	12	21.41	21.52	21.44		
5	16QAM	1	24	21.42	21.61	21.47		
5	16QAM	12	0	20.74	20.74	20.59	22	2
5	16QAM	12	7	20.52	20.69	20.56		
5	16QAM	12	13	20.55	20.64	20.64		
5	16QAM	25	0	20.58	20.67	20.62		
5	64QAM	1	0	20.63	20.72	20.42	22	2
5	64QAM	1	12	20.64	20.77	20.64		
5	64QAM	1	24	20.65	20.69	20.49		
5	64QAM	12	0	19.54	19.70	19.67	21	3
5	64QAM	12	7	19.51	19.66	19.55		
5	64QAM	12	13	19.53	19.58	19.65		
5	64QAM	25	0	19.53	19.61	19.58		
5	256QAM	1	0	17.65	17.67	17.67	19	5
5	256QAM	1	12	17.45	17.57	17.52		
5	256QAM	1	24	17.48	17.61	17.54		
5	256QAM	12	0	17.51	17.52	17.51	19	5
5	256QAM	12	7	17.56	17.57	17.52		
5	256QAM	12	13	17.55	17.56	17.52		
5	256QAM	25	0	17.53	17.57	17.52		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44215	44240		
Frequency (MHz)				3680	3682.5	3685		
20	QPSK	1	0	22.84	22.85	22.78	24	0
20	QPSK	1	49	22.79	22.76	22.62		
20	QPSK	1	99	22.72	22.77	22.73		
20	QPSK	50	0	21.73	21.80	21.74	23	1
20	QPSK	50	24	21.61	21.65	21.70		
20	QPSK	50	50	21.67	21.70	21.64		
20	QPSK	100	0	21.62	21.74	21.65		
20	16QAM	1	0	21.58	21.67	21.66	23	1
20	16QAM	1	49	21.62	21.68	21.63		
20	16QAM	1	99	21.66	21.75	21.66		
20	16QAM	50	0	20.84	20.91	20.80	22	2
20	16QAM	50	24	20.68	20.76	20.65		
20	16QAM	50	50	20.75	20.84	20.68		
20	16QAM	100	0	20.77	20.82	20.75		
20	64QAM	1	0	20.79	20.84	20.69	22	2
20	64QAM	1	49	20.73	20.87	20.68		
20	64QAM	1	99	20.69	20.85	20.64		
20	64QAM	50	0	19.75	19.81	19.70	21	3
20	64QAM	50	24	19.60	19.76	19.63		
20	64QAM	50	50	19.64	19.72	19.62		
20	64QAM	100	0	19.62	19.74	19.56		
20	256QAM	1	0	17.67	17.72	17.66	19	5
20	256QAM	1	49	17.56	17.58	17.52		
20	256QAM	1	99	17.51	17.56	17.50		
20	256QAM	50	0	17.56	17.61	17.57	19	5
20	256QAM	50	24	17.57	17.58	17.53		
20	256QAM	50	50	17.62	17.59	17.60		
20	256QAM	100	0	17.55	17.60	17.56		
Channel				44165	44215	44265	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3682.5	3707.5		
15	QPSK	1	0	22.69	22.78	22.63	24	0
15	QPSK	1	37	22.67	22.62	22.56		
15	QPSK	1	74	22.62	22.71	22.59		
15	QPSK	36	0	21.65	21.69	21.67	23	1
15	QPSK	36	20	21.53	21.53	21.54		
15	QPSK	36	39	21.57	21.64	21.56		
15	QPSK	75	0	21.54	21.66	21.54		
15	16QAM	1	0	21.46	21.56	21.54	23	1
15	16QAM	1	37	21.46	21.55	21.54		
15	16QAM	1	74	21.59	21.63	21.52		
15	16QAM	36	0	20.68	20.81	20.68	22	2
15	16QAM	36	20	20.57	20.70	20.59		
15	16QAM	36	39	20.63	20.75	20.52		
15	16QAM	75	0	20.70	20.71	20.63		
15	64QAM	1	0	20.70	20.72	20.57	22	2
15	64QAM	1	37	20.68	20.72	20.54		
15	64QAM	1	74	20.63	20.78	20.55		
15	64QAM	36	0	19.65	19.76	19.58	21	3
15	64QAM	36	20	19.48	19.65	19.53		
15	64QAM	36	39	19.56	19.67	19.54		
15	64QAM	75	0	19.51	19.59	19.51		
15	256QAM	1	0	17.59	17.64	17.53	19	5
15	256QAM	1	37	17.43	17.45	17.40		
15	256QAM	1	74	17.41	17.51	17.36		
15	256QAM	36	0	17.52	17.55	17.51	19	5
15	256QAM	36	20	17.49	17.46	17.38		
15	256QAM	36	39	17.53	17.54	17.55		
15	256QAM	75	0	17.43	17.51	17.50		
Channel				44140	44215	44290	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3655	3682.5	3670		
10	QPSK	1	0	22.71	22.78	22.68	24	0
10	QPSK	1	25	22.72	22.66	22.54		
10	QPSK	1	49	22.67	22.73	22.67		
10	QPSK	25	0	21.62	21.73	21.62	23	1
10	QPSK	25	12	21.53	21.60	21.59		
10	QPSK	25	25	21.51	21.59	21.48		
10	QPSK	50	0	21.55	21.68	21.52		
10	16QAM	1	0	21.44	21.55	21.55	23	1
10	16QAM	1	25	21.48	21.55	21.56		
10	16QAM	1	49	21.59	21.60	21.57		
10	16QAM	25	0	20.78	20.80	20.67	22	2
10	16QAM	25	12	20.54	20.71	20.54		
10	16QAM	25	25	20.66	20.68	20.56		
10	16QAM	50	0	20.66	20.73	20.64		
10	64QAM	1	0	20.71	20.68	20.58	22	2
10	64QAM	1	25	20.58	20.73	20.62		
10	64QAM	1	49	20.59	20.79	20.58		
10	64QAM	25	0	19.71	19.70	19.64	21	3
10	64QAM	25	12	19.54	19.67	19.58		
10	64QAM	25	25	19.50	19.61	19.53		
10	64QAM	50	0	19.55	19.67	19.52		
10	256QAM	1	0	17.56	17.58	17.51	19	5
10	256QAM	1	25	17.48	17.52	17.37		
10	256QAM	1	49	17.45	17.49	17.36		
10	256QAM	25	0	17.47	17.51	17.46	19	5
10	256QAM	25	12	17.46	17.44	17.43		
10	256QAM	25	25	17.47	17.54	17.48		
10	256QAM	50	0	17.39	17.54	17.48		
Channel				44115	44215	44315	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3632.5	3682.5	3672.5		
5	QPSK	1	0	22.80	22.73	22.63	24	0
5	QPSK	1	12	22.73	22.63	22.49		
5	QPSK	1	24	22.57	22.64	22.66		
5	QPSK	12	0	21.65	21.73	21.65	23	1
5	QPSK	12	7	21.51	21.56	21.55		
5	QPSK	12	13	21.55	21.62	21.49		
5	QPSK	25	0	21.53	21.60	21.57		
5	16QAM	1	0	21.43	21.53	21.61	23	1
5	16QAM	1	12	21.55	21.54	21.49		
5	16QAM	1	24	21.54	21.66	21.59		
5	16QAM	12	0	20.68	20.81	20.76	22	2
5	16QAM	12	7	20.59	20.67	20.55		
5	16QAM	12	13	20.59	20.77	20.62		
5	16QAM	25	0	20.61	20.69	20.65		
5	64QAM	1	0	20.69	20.78	20.59	22	2
5	64QAM	1	12	20.63	20.82	20.56		
5	64QAM	1	24	20.58	20.78	20.54		
5	64QAM	12	0	19.71	19.73	19.64	21	3
5	64QAM	12	7	19.53	19.62	19.56		
5	64QAM	12	13	19.49	19.66	19.57		
5	64QAM	25	0	19.52	19.63	19.46		
5	256QAM	1	0	17.61	17.66	17.51	19	5
5	256QAM	1	12	17.48	17.49	17.38		
5	256QAM	1	24	17.43	17.45	17.44		
5	256QAM	12	0	17.46	17.52	17.49	19	5
5	256QAM	12	7	17.41	17.47	17.44		
5	256QAM	12	13	17.48	17.54	17.53		
5	256QAM	25	0	17.47	17.52	17.47		

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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	22.68	22.87	22.65	22.71	24	0
20	QPSK	1	49	22.67	22.81	22.71	22.71		
20	QPSK	1	99	22.71	22.83	22.73	22.75		
20	QPSK	50	0	21.70	21.85	21.74	21.70	23	1
20	QPSK	50	24	21.58	21.74	21.66	21.64		
20	QPSK	50	50	21.60	21.71	21.63	21.60		
20	QPSK	100	0	21.60	21.77	21.68	21.64		
20	16QAM	1	0	21.61	21.77	21.64	21.61	23	1
20	16QAM	1	49	21.60	21.78	21.63	21.55		
20	16QAM	1	99	21.57	21.80	21.59	21.65		
20	16QAM	50	0	20.94	20.99	20.91	20.85	22	2
20	16QAM	50	24	20.79	20.94	20.79	20.74		
20	16QAM	50	50	20.78	20.92	20.83	20.81		
20	16QAM	100	0	20.81	20.93	20.84	20.71		
20	64QAM	1	0	20.80	20.89	20.78	20.72	22	2
20	64QAM	1	49	20.80	20.94	20.86	20.77		
20	64QAM	1	99	20.85	20.84	20.83	20.81		
20	64QAM	50	0	19.78	19.88	19.82	19.79	21	3
20	64QAM	50	24	19.63	19.74	19.78	19.71		
20	64QAM	50	50	19.69	19.82	19.72	19.70		
20	64QAM	100	0	19.72	19.82	19.76	19.75		
20	256QAM	1	0	17.80	17.92	17.78	17.85	19	5
20	256QAM	1	49	17.69	17.87	17.64	17.80		
20	256QAM	1	99	17.74	17.77	17.73	17.79		
20	256QAM	50	0	17.75	17.79	17.70	17.74	19	5
20	256QAM	50	24	17.67	17.83	17.64	17.77		
20	256QAM	50	50	17.75	17.81	17.71	17.72		
20	256QAM	100	0	17.69	17.79	17.72	17.71		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.60	22.82	22.58	22.60	24	0
15	QPSK	1	37	22.52	22.76	22.63	22.58		
15	QPSK	1	74	22.57	22.72	22.63	22.69		
15	QPSK	36	0	21.56	21.76	21.67	21.60	23	1
15	QPSK	36	20	21.44	21.59	21.61	21.54		
15	QPSK	36	39	21.45	21.56	21.48	21.53		
15	QPSK	75	0	21.53	21.67	21.55	21.57		
15	16QAM	1	0	21.57	21.62	21.56	21.47	23	1
15	16QAM	1	37	21.55	21.73	21.49	21.46		
15	16QAM	1	74	21.45	21.71	21.50	21.58		
15	16QAM	36	0	20.87	20.89	20.83	20.80	22	2
15	16QAM	36	20	20.70	20.87	20.68	20.61		
15	16QAM	36	39	20.72	20.87	20.78	20.71		
15	16QAM	75	0	20.72	20.89	20.71	20.64		
15	64QAM	1	0	20.74	20.81	20.71	20.64	22	2
15	64QAM	1	37	20.69	20.90	20.77	20.61		
15	64QAM	1	74	20.80	20.74	20.70	20.66		
15	64QAM	36	0	19.65	19.76	19.70	19.73	21	3
15	64QAM	36	20	19.54	19.61	19.68	19.65		
15	64QAM	36	39	19.56	19.78	19.64	19.60		
15	64QAM	75	0	19.66	19.74	19.65	19.61		
15	256QAM	1	0	17.72	17.76	17.65	17.72	19	5
15	256QAM	1	37	17.59	17.77	17.56	17.69		
15	256QAM	1	74	17.68	17.72	17.68	17.70		
15	256QAM	36	0	17.70	17.74	17.55	17.59	19	5
15	256QAM	36	20	17.57	17.68	17.51	17.66		
15	256QAM	36	39	17.61	17.68	17.60	17.60		
15	256QAM	75	0	17.58	17.67	17.58	17.66		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.62	22.78	22.54	22.67	24	0
10	QPSK	1	25	22.51	22.76	22.64	22.62		
10	QPSK	1	49	22.62	22.71	22.63	22.62		
10	QPSK	25	0	21.59	21.69	21.62	21.57	23	1
10	QPSK	25	12	21.43	21.59	21.62	21.49		
10	QPSK	25	25	21.53	21.63	21.51	21.48		
10	QPSK	50	0	21.50	21.70	21.58	21.57		
10	16QAM	1	0	21.56	21.62	21.60	21.56	23	1
10	16QAM	1	25	21.49	21.68	21.51	21.40		
10	16QAM	1	49	21.48	21.73	21.46	21.52		
10	16QAM	25	0	20.82	20.91	20.85	20.70	22	2
10	16QAM	25	12	20.65	20.88	20.72	20.59		
10	16QAM	25	25	20.69	20.79	20.76	20.69		
10	16QAM	50	0	20.67	20.81	20.79	20.67		
10	64QAM	1	0	20.71	20.76	20.63	20.60	22	2
10	64QAM	1	25	20.74	20.82	20.74	20.72		
10	64QAM	1	49	20.72	20.75	20.77	20.69		
10	64QAM	25	0	19.64	19.72	19.68	19.64	21	3
10	64QAM	25	12	19.59	19.63	19.71	19.63		
10	64QAM	25	25	19.55	19.68	19.57	19.55		
10	64QAM	50	0	19.63	19.69	19.68	19.66		
10	256QAM	1	0	17.69	17.86	17.68	17.81	19	5
10	256QAM	1	25	17.62	17.76	17.60	17.65		
10	256QAM	1	49	17.58	17.66	17.66	17.75		
10	256QAM	25	0	17.63	17.68	17.56	17.60	19	5
10	256QAM	25	12	17.61	17.70	17.53	17.70		
10	256QAM	25	25	17.61	17.71	17.67	17.63		
10	256QAM	50	0	17.60	17.69	17.64	17.58		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.53	22.73	22.59	22.57	24	0
5	QPSK	1	12	22.63	22.76	22.58	22.56		
5	QPSK	1	24	22.56	22.74	22.59	22.68		
5	QPSK	12	0	21.55	21.75	21.58	21.60	23	1
5	QPSK	12	7	21.47	21.61	21.59	21.49		
5	QPSK	12	13	21.54	21.58	21.49	21.50		
5	QPSK	25	0	21.54	21.63	21.58	21.55		
5	16QAM	1	0	21.46	21.65	21.51	21.51	23	1
5	16QAM	1	12	21.44	21.74	21.53	21.50		
5	16QAM	1	24	21.47	21.66	21.52	21.51		
5	16QAM	12	0	20.89	20.94	20.80	20.78	22	2
5	16QAM	12	7	20.72	20.84	20.72	20.64		
5	16QAM	12	13	20.72	20.83	20.76	20.68		
5	16QAM	25	0	20.66	20.85	20.77	20.65		
5	64QAM	1	0	20.75	20.78	20.64	20.65	22	2
5	64QAM	1	12	20.70	20.86	20.71	20.67		
5	64QAM	1	24	20.72	20.76	20.72	20.77		
5	64QAM	12	0	19.72	19.81	19.73	19.72	21	3
5	64QAM	12	7	19.55	19.60	19.64	19.66		
5	64QAM	12	13	19.59	19.77	19.58	19.63		
5	64QAM	25	0	19.62	19.68	19.68	19.64		
5	256QAM	1	0	17.75	17.83	17.66	17.72	19	5
5	256QAM	1	12	17.63	17.77	17.49	17.68		
5	256QAM	1	24	17.64	17.62	17.60	17.70		
5	256QAM	12	0	17.61	17.69	17.57	17.65	19	5
5	256QAM	12	7	17.61	17.68	17.56	17.72		
5	256QAM	12	13	17.61	17.73	17.58	17.59		
5	256QAM	25	0	17.58	17.75	17.58	17.57		

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BW [MHz]	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	22.90	22.95	22.89	24	0
20	QPSK	1	49	22.78	22.82	22.77		
20	QPSK	1	99	22.81	22.84	22.80		
20	QPSK	50	0	21.93	21.98	21.93	23	1
20	QPSK	50	24	21.78	21.86	21.73		
20	QPSK	50	50	21.83	21.79	21.77		
20	QPSK	100	0	21.92	21.95	21.93		
20	16QAM	1	0	21.84	21.93	21.89	23	1
20	16QAM	1	49	21.70	21.81	21.63		
20	16QAM	1	99	21.77	21.71	21.76		
20	16QAM	50	0	20.98	20.99	20.96	22	2
20	16QAM	50	24	20.77	20.89	20.68		
20	16QAM	50	50	20.82	20.81	20.81		
20	16QAM	100	0	20.96	20.94	20.92		
20	64QAM	1	0	20.79	20.89	20.93	22	2
20	64QAM	1	49	20.65	20.83	20.65		
20	64QAM	1	99	20.78	20.69	20.79		
20	64QAM	50	0	19.88	19.98	19.90	21	3
20	64QAM	50	24	19.82	19.91	19.71		
20	64QAM	50	50	19.87	19.74	19.73		
20	64QAM	100	0	19.90	20.00	19.90		
20	256QAM	1	0	17.93	18.03	17.89	19	5
20	256QAM	1	49	17.75	17.91	17.73		
20	256QAM	1	99	17.78	17.76	17.79		
20	256QAM	50	0	17.95	17.90	17.91	19	5
20	256QAM	50	24	17.87	17.87	17.92		
20	256QAM	50	50	17.74	17.84	17.60		
20	256QAM	100	0	17.74	17.74	17.75		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.80	22.90	22.76	24	0
15	QPSK	1	37	22.64	22.73	22.66		
15	QPSK	1	74	22.69	22.80	22.67		
15	QPSK	36	0	21.89	21.86	21.81	23	1
15	QPSK	36	20	21.66	21.82	21.64		
15	QPSK	36	39	21.70	21.66	21.65		
15	QPSK	75	0	21.86	21.92	21.86		
15	16QAM	1	0	21.78	21.80	21.85	23	1
15	16QAM	1	37	21.63	21.77	21.50		
15	16QAM	1	74	21.67	21.65	21.72		
15	16QAM	36	0	20.88	20.91	20.89	22	2
15	16QAM	36	20	20.65	20.82	20.55		
15	16QAM	36	39	20.79	20.78	20.78		
15	16QAM	75	0	20.93	20.87	20.87		
15	64QAM	1	0	20.65	20.83	20.87	22	2
15	64QAM	1	37	20.58	20.74	20.59		
15	64QAM	1	74	20.71	20.56	20.74		
15	64QAM	36	0	19.82	19.92	19.81	21	3
15	64QAM	36	20	19.74	19.81	19.57		
15	64QAM	36	39	19.74	19.62	19.58		
15	64QAM	75	0	19.86	19.87	19.82		
15	256QAM	1	0	17.80	17.89	17.85	19	5
15	256QAM	1	37	17.65	17.82	17.59		
15	256QAM	1	74	17.65	17.64	17.69		
15	256QAM	36	0	17.87	17.81	17.77	19	5
15	256QAM	36	20	17.73	17.78	17.81		
15	256QAM	36	39	17.64	17.78	17.57		
15	256QAM	75	0	17.67	17.67	17.66		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.85	22.86	22.74	24	0
10	QPSK	1	25	22.64	22.68	22.70		
10	QPSK	1	49	22.77	22.77	22.66		
10	QPSK	25	0	21.87	21.92	21.80	23	1
10	QPSK	25	12	21.68	21.83	21.62		
10	QPSK	25	25	21.74	21.65	21.67		
10	QPSK	50	0	21.80	21.89	21.80		
10	16QAM	1	0	21.69	21.85	21.81	23	1
10	16QAM	1	25	21.66	21.70	21.55		
10	16QAM	1	49	21.64	21.63	21.71		
10	16QAM	25	0	20.84	20.88	20.83	22	2
10	16QAM	25	12	20.70	20.81	20.55		
10	16QAM	25	25	20.71	20.68	20.75		
10	16QAM	50	0	20.85	20.81	20.82		
10	64QAM	1	0	20.66	20.84	20.83	22	2
10	64QAM	1	25	20.52	20.72	20.56		
10	64QAM	1	49	20.70	20.62	20.76		
10	64QAM	25	0	19.79	19.84	19.82	21	3
10	64QAM	25	12	19.77	19.85	19.59		
10	64QAM	25	25	19.84	19.62	19.66		
10	64QAM	50	0	19.80	19.92	19.83		
10	256QAM	1	0	17.84	17.91	17.86	19	5
10	256QAM	1	25	17.69	17.80	17.58		
10	256QAM	1	49	17.70	17.72	17.66		
10	256QAM	25	0	17.89	17.84	17.80	19	5
10	256QAM	25	12	17.73	17.74	17.86		
10	256QAM	25	25	17.60	17.81	17.49		
10	256QAM	50	0	17.62	17.61	17.65		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.80	22.87	22.82	24	0
5	QPSK	1	12	22.71	22.73	22.65		
5	QPSK	1	24	22.76	22.80	22.75		
5	QPSK	12	0	21.84	21.89	21.81	23	1
5	QPSK	12	7	21.69	21.71	21.67		
5	QPSK	12	13	21.79	21.66	21.65		
5	QPSK	25	0	21.83	21.83	21.78		
5	16QAM	1	0	21.80	21.81	21.79	23	1
5	16QAM	1	12	21.64	21.69	21.50		
5	16QAM	1	24	21.65	21.61	21.61		
5	16QAM	12	0	20.85	20.86	20.88	22	2
5	16QAM	12	7	20.64	20.77	20.56		
5	16QAM	12	13	20.69	20.70	20.77		
5	16QAM	25	0	20.84	20.85	20.87		
5	64QAM	1	0	20.67	20.85	20.90	22	2
5	64QAM	1	12	20.56	20.74	20.52		
5	64QAM	1	24	20.71	20.57	20.71		
5	64QAM	12	0	19.82	19.92	19.85	21	3
5	64QAM	12	7	19.77	19.87	19.61		
5	64QAM	12	13	19.82	19.68	19.68		
5	64QAM	25	0	19.82	19.92	19.79		
5	256QAM	1	0	17.87	17.95	17.79	19	5
5	256QAM	1	12	17.70	17.86	17.60		
5	256QAM	1	24	17.71	17.68	17.76		
5	256QAM	12	0	17.81	17.85	17.81	19	5
5	256QAM	12	7	17.81	17.79	17.84		
5	256QAM	12	13	17.70	17.80	17.53		
5	256QAM	25	0	17.59	17.65	17.68		

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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	22.68	22.76	22.73	24	0
20	QPSK	1	49	22.60	22.64	22.68		
20	QPSK	1	99	22.55	22.67	22.63		
20	QPSK	50	0	21.69	21.73	21.68	23	1
20	QPSK	50	24	21.55	21.63	21.72		
20	QPSK	50	50	21.55	21.66	21.62		
20	QPSK	100	0	21.62	21.70	21.65		
20	16QAM	1	0	21.59	21.70	21.64	23	1
20	16QAM	1	49	21.47	21.54	21.69		
20	16QAM	1	99	21.45	21.61	21.52		
20	16QAM	50	0	20.74	20.72	20.70	22	2
20	16QAM	50	24	20.57	20.68	20.75		
20	16QAM	50	50	20.49	20.66	20.62		
20	16QAM	100	0	20.60	20.72	20.71		
20	64QAM	1	0	20.54	20.65	20.59	22	2
20	64QAM	1	49	20.51	20.54	20.64		
20	64QAM	1	99	20.49	20.67	20.46		
20	64QAM	50	0	19.65	19.77	19.74	21	3
20	64QAM	50	24	19.59	19.62	19.76		
20	64QAM	50	50	19.52	19.67	19.67		
20	64QAM	100	0	19.65	19.71	19.64		
20	256QAM	1	0	17.67	17.76	17.66	19	5
20	256QAM	1	49	17.59	17.62	17.72		
20	256QAM	1	99	17.60	17.69	17.65		
20	256QAM	50	0	17.68	17.71	17.70	19	5
20	256QAM	50	24	17.54	17.71	17.64		
20	256QAM	50	50	17.51	17.59	17.74		
20	256QAM	100	0	17.50	17.62	17.56		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.57	22.64	22.61	24	0
15	QPSK	1	37	22.53	22.61	22.58		
15	QPSK	1	74	22.40	22.64	22.49		
15	QPSK	36	0	21.65	21.66	21.55	23	1
15	QPSK	36	20	21.47	21.52	21.65		
15	QPSK	36	39	21.46	21.54	21.55		
15	QPSK	75	0	21.54	21.66	21.51		
15	16QAM	1	0	21.55	21.61	21.53	23	1
15	16QAM	1	37	21.35	21.41	21.55		
15	16QAM	1	74	21.37	21.53	21.44		
15	16QAM	36	0	20.62	20.60	20.63	22	2
15	16QAM	36	20	20.45	20.56	20.65		
15	16QAM	36	39	20.40	20.57	20.52		
15	16QAM	75	0	20.53	20.64	20.65		
15	64QAM	1	0	20.50	20.53	20.51	22	2
15	64QAM	1	37	20.46	20.47	20.56		
15	64QAM	1	74	20.37	20.57	20.42		
15	64QAM	36	0	19.61	19.69	19.63	21	3
15	64QAM	36	20	19.55	19.55	19.68		
15	64QAM	36	39	19.39	19.54	19.62		
15	64QAM	75	0	19.62	19.58	19.55		
15	256QAM	1	0	17.60	17.68	17.61	19	5
15	256QAM	1	37	17.51	17.54	17.63		
15	256QAM	1	74	17.56	17.59	17.60		
15	256QAM	36	0	17.56	17.68	17.65	19	5
15	256QAM	36	20	17.41	17.67	17.60		
15	256QAM	36	39	17.42	17.53	17.61		
15	256QAM	75	0	17.41	17.48	17.41		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.60	22.68	22.66	24	0
10	QPSK	1	25	22.48	22.55	22.61		
10	QPSK	1	49	22.42	22.52	22.54		
10	QPSK	25	0	21.64	21.64	21.53	23	1
10	QPSK	25	12	21.47	21.51	21.64		
10	QPSK	25	25	21.43	21.54	21.49		
10	QPSK	50	0	21.59	21.63	21.60		
10	16QAM	1	0	21.53	21.66	21.50	23	1
10	16QAM	1	25	21.37	21.41	21.64		
10	16QAM	1	49	21.34	21.56	21.42		
10	16QAM	25	0	20.69	20.58	20.60	22	2
10	16QAM	25	12	20.46	20.60	20.72		
10	16QAM	25	25	20.45	20.54	20.58		
10	16QAM	50	0	20.49	20.61	20.58		
10	64QAM	1	0	20.44	20.57	20.48	22	2
10	64QAM	1	25	20.46	20.48	20.59		
10	64QAM	1	49	20.38	20.56	20.41		
10	64QAM	25	0	19.53	19.71	19.65	21	3
10	64QAM	25	12	19.51	19.59	19.64		
10	64QAM	25	25	19.42	19.53	19.64		
10	64QAM	50	0	19.59	19.60	19.58		
10	256QAM	1	0	17.52	17.64	17.53	19	5
10	256QAM	1	25	17.54	17.49	17.66		
10	256QAM	1	49	17.56	17.60	17.54		
10	256QAM	25	0	17.60	17.62	17.58	19	5
10	256QAM	25	12	17.41	17.63	17.55		
10	256QAM	25	25	17.39	17.49	17.65		
10	256QAM	50	0	17.43	17.52	17.48		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.63	22.68	22.63	24	0
5	QPSK	1	12	22.57	22.60	22.54		
5	QPSK	1	24	22.45	22.59	22.51		
5	QPSK	12	0	21.65	21.65	21.59	23	1
5	QPSK	12	7	21.48	21.56	21.60		
5	QPSK	12	13	21.43	21.52	21.51		
5	QPSK	25	0	21.58	21.58	21.51		
5	16QAM	1	0	21.53	21.59	21.55	23	1
5	16QAM	1	12	21.37	21.48	21.65		
5	16QAM	1	24	21.40	21.53	21.49		
5	16QAM	12	0	20.70	20.58	20.63	22	2
5	16QAM	12	7	20.42	20.60	20.70		
5	16QAM	12	13	20.37	20.59	20.52		
5	16QAM	25	0	20.49	20.58	20.64		
5	64QAM	1	0	20.45	20.57	20.53	22	2
5	64QAM	1	12	20.41	20.41	20.61		
5	64QAM	1	24	20.44	20.55	20.33		
5	64QAM	12	0	19.61	19.74	19.66	21	3
5	64QAM	12	7	19.54	19.58	19.69		
5	64QAM	12	13	19.46	19.63	19.59		
5	64QAM	25	0	19.53	19.67	19.58		
5	256QAM	1	0	17.53	17.67	17.54	19	5
5	256QAM	1	12	17.48	17.58	17.62		
5	256QAM	1	24	17.54	17.58	17.61		
5	256QAM	12	0	17.63	17.56	17.65	19	5
5	256QAM	12	7	17.50	17.61	17.54		
5	256QAM	12	13	17.46	17.50	17.70		
5	256QAM	25	0	17.45	17.57	17.47		

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BW [MHz]	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	25.74	25.84	25.77	27	0
20	QPSK	1	49	25.55	25.69	25.73		
20	QPSK	1	99	25.52	25.68	25.64		
20	QPSK	50	0	24.71	24.67	24.71	26	1
20	QPSK	50	24	24.62	24.58	24.72		
20	QPSK	50	50	24.56	24.61	24.68		
20	QPSK	100	0	24.67	24.69	24.64		
20	16QAM	1	0	24.55	24.67	24.68	26	1
20	16QAM	1	49	24.43	24.49	24.70		
20	16QAM	1	99	24.39	24.62	24.51		
20	16QAM	50	0	23.80	23.75	23.76	25	2
20	16QAM	50	24	23.61	23.67	23.76		
20	16QAM	50	50	23.47	23.66	23.64		
20	16QAM	100	0	23.66	23.77	23.70		
20	64QAM	1	0	23.51	23.65	23.53	25	2
20	64QAM	1	49	23.57	23.57	23.62		
20	64QAM	1	99	23.52	23.64	23.46		
20	64QAM	50	0	22.62	22.79	22.70	24	3
20	64QAM	50	24	22.57	22.60	22.78		
20	64QAM	50	50	22.54	22.69	22.72		
20	64QAM	100	0	22.67	22.74	22.65		
20	256QAM	1	0	20.68	20.79	20.69	22	5
20	256QAM	1	49	20.64	20.57	20.78		
20	256QAM	1	99	20.55	20.69	20.69		
20	256QAM	50	0	20.66	20.77	20.69	22	5
20	256QAM	50	24	20.57	20.67	20.65		
20	256QAM	50	50	20.52	20.56	20.70		
20	256QAM	100	0	20.56	20.67	20.52		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	25.71	25.71	25.63	27	0
15	QPSK	1	37	25.40	25.59	25.61		
15	QPSK	1	74	25.49	25.64	25.55		
15	QPSK	36	0	24.62	24.59	24.58	26	1
15	QPSK	36	20	24.43	24.49	24.63		
15	QPSK	36	39	24.41	24.47	24.63		
15	QPSK	75	0	24.63	24.57	24.51		
15	16QAM	1	0	24.48	24.58	24.58	26	1
15	16QAM	1	37	24.29	24.37	24.66		
15	16QAM	1	74	24.28	24.59	24.36		
15	16QAM	36	0	23.67	23.61	23.64	25	2
15	16QAM	36	20	23.50	23.54	23.67		
15	16QAM	36	39	23.40	23.57	23.55		
15	16QAM	75	0	23.62	23.71	23.56		
15	64QAM	1	0	23.40	23.52	23.47	25	2
15	64QAM	1	37	23.45	23.44	23.51		
15	64QAM	1	74	23.49	23.53	23.42		
15	64QAM	36	0	22.57	22.68	22.63	24	3
15	64QAM	36	20	22.53	22.56	22.67		
15	64QAM	36	39	22.47	22.55	22.62		
15	64QAM	75	0	22.63	22.62	22.60		
15	256QAM	1	0	20.56	20.64	20.55	22	5
15	256QAM	1	37	20.58	20.43	20.74		
15	256QAM	1	74	20.49	20.60	20.59		
15	256QAM	36	0	20.59	20.72	20.57	22	5
15	256QAM	36	20	20.50	20.58	20.52		
15	256QAM	36	39	20.44	20.46	20.56		
15	256QAM	75	0	20.47	20.64	20.39		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	25.70	25.78	25.69	27	0
10	QPSK	1	25	25.47	25.61	25.65		
10	QPSK	1	49	25.44	25.64	25.49		
10	QPSK	25	0	24.62	24.59	24.65	26	1
10	QPSK	25	12	24.38	24.49	24.67		
10	QPSK	25	25	24.44	24.51	24.61		
10	QPSK	50	0	24.54	24.60	24.49		
10	16QAM	1	0	24.41	24.52	24.54	26	1
10	16QAM	1	25	24.30	24.39	24.55		
10	16QAM	1	49	24.32	24.49	24.46		
10	16QAM	25	0	23.67	23.66	23.68	25	2
10	16QAM	25	12	23.49	23.59	23.62		
10	16QAM	25	25	23.39	23.54	23.58		
10	16QAM	50	0	23.58	23.69	23.58		
10	64QAM	1	0	23.38	23.58	23.45	25	2
10	64QAM	1	25	23.52	23.52	23.52		
10	64QAM	1	49	23.39	23.56	23.32		
10	64QAM	25	0	22.47	22.64	22.65	24	3
10	64QAM	25	12	22.43	22.55	22.69		
10	64QAM	25	25	22.43	22.55	22.58		
10	64QAM	50	0	22.55	22.65	22.54		
10	256QAM	1	0	20.58	20.69	20.60	22	5
10	256QAM	1	25	20.50	20.43	20.65		
10	256QAM	1	49	20.47	20.59	20.59		
10	256QAM	25	0	20.63	20.73	20.59	22	5
10	256QAM	25	12	20.50	20.60	20.53		
10	256QAM	25	25	20.48	20.45	20.62		
10	256QAM	50	0	20.42	20.54	20.40		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	25.62	25.80	25.69	27	0
5	QPSK	1	12	25.43	25.63	25.61		
5	QPSK	1	24	25.42	25.56	25.54		
5	QPSK	12	0	24.57	24.64	24.64	26	1
5	QPSK	12	7	24.45	24.48	24.64		
5	QPSK	12	13	24.45	24.56	24.63		
5	QPSK	25	0	24.63	24.56	24.56		
5	16QAM	1	0	24.50	24.62	24.54	26	1
5	16QAM	1	12	24.35	24.40	24.58		
5	16QAM	1	24	24.35	24.59	24.38		
5	16QAM	12	0	23.72	23.67	23.62	25	2
5	16QAM	12	7	23.55	23.59	23.66		
5	16QAM	12	13	23.38	23.60	23.57		
5	16QAM	25	0	23.53	23.73	23.63		
5	64QAM	1	0	23.44	23.57	23.47	25	2
5	64QAM	1	12	23.52	23.45	23.59		
5	64QAM	1	24	23.48	23.60	23.32		
5	64QAM	12	0	22.54	22.65	22.67	24	3
5	64QAM	12	7	22.44	22.52	22.66		
5	64QAM	12	13	22.45	22.54	22.63		
5	64QAM	25	0	22.53	22.69	22.56		
5	256QAM	1	0	20.61	20.73	20.55	22	5
5	256QAM	1	12	20.55	20.50	20.70		
5	256QAM	1	24	20.46	20.64	20.55		
5	256QAM	12	0	20.62	20.72	20.65	22	5
5	256QAM	12	7	20.43	20.56	20.51		
5	256QAM	12	13	20.41	20.41	20.56		
5	256QAM	25	0	20.45	20.55	20.42		

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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	22.67	22.77	22.81	22.73	22.76	24	0
20	QPSK	1	49	22.62	22.63	22.76	22.61	22.73		
20	QPSK	1	99	22.64	22.71	22.75	22.65	22.64		
20	QPSK	50	0	21.73	21.74	21.83	21.71	21.72	23	1
20	QPSK	50	24	21.58	21.59	21.76	21.63	21.77		
20	QPSK	50	50	21.58	21.77	21.71	21.64	21.62		
20	QPSK	100	0	21.62	21.76	21.78	21.69	21.72		
20	16QAM	1	0	21.63	21.70	21.69	21.62	21.64	23	1
20	16QAM	1	49	21.50	21.46	21.69	21.59	21.72		
20	16QAM	1	99	21.50	21.67	21.64	21.51	21.47		
20	16QAM	50	0	20.77	20.76	20.78	20.72	20.68	22	2
20	16QAM	50	24	20.55	20.62	20.81	20.67	20.75		
20	16QAM	50	50	20.60	20.80	20.75	20.64	20.58		
20	16QAM	100	0	20.57	20.79	20.80	20.69	20.69		
20	64QAM	1	0	20.66	20.69	20.63	20.62	20.60	22	2
20	64QAM	1	49	20.49	20.48	20.68	20.63	20.69		
20	64QAM	1	99	20.46	20.72	20.61	20.47	20.44		
20	64QAM	50	0	19.78	19.80	19.80	19.65	19.73	21	3
20	64QAM	50	24	19.59	19.65	19.70	19.60	19.81		
20	64QAM	50	50	19.56	19.78	19.67	19.69	19.61		
20	64QAM	100	0	19.57	19.73	19.78	19.71	19.67		
20	256QAM	1	0	17.77	17.71	17.80	17.75	17.69	19	5
20	256QAM	1	49	17.61	17.57	17.73	17.67	17.78		
20	256QAM	1	99	17.61	17.77	17.71	17.64	17.57		
20	256QAM	50	0	17.64	17.72	17.75	17.69	17.70	19	5
20	256QAM	50	24	17.57	17.71	17.64	17.63	17.63		
20	256QAM	50	50	17.48	17.44	17.69	17.53	17.70		
20	256QAM	100	0	17.54	17.67	17.69	17.51	17.50		
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	22.63	22.68	22.78	22.65	22.69	24.00	0
15	QPSK	1	37	22.53	22.58	22.63	22.56	22.64		
15	QPSK	1	74	22.55	22.65	22.72	22.51	22.61		
15	QPSK	36	0	21.60	21.68	21.80	21.64	21.57	23	1
15	QPSK	36	20	21.46	21.53	21.64	21.51	21.66		
15	QPSK	36	39	21.49	21.73	21.68	21.52	21.48		
15	QPSK	75	0	21.49	21.68	21.71	21.58	21.59		
15	16QAM	1	0	21.51	21.65	21.58	21.59	21.50	23	1
15	16QAM	1	37	21.40	21.37	21.64	21.47	21.69		
15	16QAM	1	74	21.35	21.61	21.53	21.48	21.39		
15	16QAM	36	0	20.68	20.72	20.64	20.68	20.53	22	2
15	16QAM	36	20	20.41	20.54	20.69	20.63	20.65		
15	16QAM	36	39	20.47	20.71	20.69	20.54	20.44		
15	16QAM	75	0	20.50	20.66	20.76	20.62	20.61		
15	64QAM	1	0	20.61	20.64	20.53	20.56	20.48	22	2
15	64QAM	1	37	20.43	20.41	20.60	20.53	20.60		
15	64QAM	1	74	20.33	20.63	20.56	20.36	20.35		
15	64QAM	36	0	19.74	19.75	19.71	19.60	19.66	21	3
15	64QAM	36	20	19.45	19.60	19.67	19.50	19.70		
15	64QAM	36	39	19.42	19.66	19.56	19.61	19.51		
15	64QAM	75	0	19.52	19.63	19.72	19.64	19.59		
15	256QAM	1	0	17.72	17.59	17.76	17.61	17.57	19	5
15	256QAM	1	37	17.55	17.47	17.60	17.54	17.73		
15	256QAM	1	74	17.47	17.74	17.61	17.54	17.53		
15	256QAM	36	0	17.56	17.67	17.67	17.65	17.58	19	5
15	256QAM	36	20	17.53	17.61	17.60	17.52	17.52		
15	256QAM	36	39	17.35	17.39	17.62	17.46	17.64		
15	256QAM	75	0	17.51	17.58	17.58	17.39	17.38		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.62	22.66	22.70	22.61	22.72	24.00	0
10	QPSK	1	25	22.49	22.59	22.72	22.51	22.66		
10	QPSK	1	49	22.59	22.68	22.69	22.54	22.61		
10	QPSK	25	0	21.68	21.62	21.75	21.67	21.67	23	1
10	QPSK	25	12	21.62	21.53	21.67	21.58	21.73		
10	QPSK	25	25	21.53	21.68	21.62	21.54	21.49		
10	QPSK	50	0	21.52	21.65	21.73	21.56	21.68		
10	16QAM	1	0	21.57	21.57	21.63	21.58	21.52	23	1
10	16QAM	1	25	21.42	21.38	21.55	21.46	21.62		
10	16QAM	1	49	21.45	21.58	21.54	21.47	21.40		
10	16QAM	25	0	20.65	20.68	20.65	20.61	20.64	22	2
10	16QAM	25	12	20.44	20.58	20.66	20.59	20.63		
10	16QAM	25	25	20.56	20.65	20.63	20.52	20.44		
10	16QAM	50	0	20.52	20.65	20.70	20.61	20.59		
10	64QAM	1	0	20.61	20.55	20.55	20.56	20.46	22	2
10	64QAM	1	25	20.35	20.37	20.57	20.48	20.63		
10	64QAM	1	49	20.36	20.65	20.46	20.36	20.29		
10	64QAM	25	0	19.67	19.65	19.74	19.60	19.63	21	3
10	64QAM	25	12	19.53	19.53	19.57	19.46	19.74		
10	64QAM	25	25	19.45	19.69	19.63	19.61	19.47		
10	64QAM	50	0	19.44	19.68	19.71	19.58	19.61		
10	256QAM	1	0	17.67	17.62	17.69	17.60	17.61	19	5
10	256QAM	1	25	17.49	17.44	17.69	17.63	17.63		
10	256QAM	1	49	17.46	17.68	17.62	17.58	17.54		
10	256QAM	25	0	17.52	17.61	17.69	17.58	17.56	19	5
10	256QAM	25	12	17.48	17.58	17.60	17.59	17.54		
10	256QAM	25	25	17.40	17.38	17.62	17.45	17.60		
10	256QAM	50	0	17.51	17.55	17.55	17.40	17.35		
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	22.58	22.66	22.74	22.68	22.69	24.00	0
5	QPSK	1	12	22.51	22.53	22.72	22.55	22.70		
5	QPSK	1	24	22.57	22.60	22.63	22.58	22.51		
5	QPSK	12	0	21.69	21.60	21.79	21.67	21.61	23	1
5	QPSK	12	7	21.45	21.47	21.63	21.51	21.65		
5	QPSK	12	13	21.47	21.66	21.60	21.58	21.48		
5	QPSK	25	0	21.47	21.61	21.70	21.54	21.59		
5	16QAM	1	0	21.50	21.60	21.57	21.59	21.57	23	1
5	16QAM	1	12	21.41	21.34	21.55	21.55	21.62		
5	16QAM	1	24	21.45	21.62	21.50	21.38	21.34		
5	16QAM	12	0	20.71	20.66	20.74	20.67	20.62	22	2
5	16QAM	12	7	20.47	20.50	20.69	20.57	20.62		
5	16QAM	12	13	20.57	20.73	20.68	20.59	20.52		
5	16QAM	25	0	20.51	20.72	20.66	20.58	20.65		
5	64QAM	1	0	20.53	20.62	20.54	20.56	20.55	22	2
5	64QAM	1	12	20.42	20.34	20.54	20.57	20.58		
5	64QAM	1	24	20.41	20.60	20.57	20.34	20.30		
5	64QAM	12	0	19.67	19.69	19.72	19.54	19.68	21	3
5	64QAM	12	7	19.55	19.61	19.59	19.57	19.71		
5	64QAM	12	13	19.49	19.65	19.64	19.60	19.53		
5	64QAM	25	0	19.49	19.59	19.68	19.59	19.61		
5	256QAM	1	0	17.62	17.60	17.68	17.66	17.56	19	5
5	256QAM	1	12	17.49	17.49	17.62	17.58	17.66		
5	256QAM	1	24	17.51	17.74	17.60	17.50	17.47		
5	256QAM	12	0	17.52	17.61	17.63	17.58	17.60	19	5
5	256QAM	12	7	17.47	17.68	17.53	17.52	17.59		
5	256QAM	12	13	17.35	17.33	17.61	17.43	17.55		
5	256QAM	25	0	17.47	17.53	17.55	17.43	17.46		

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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	25.77	25.87	25.99	25.79	25.75	27	0
20	QPSK	1	49	25.59	25.62	25.74	25.57	25.72		
20	QPSK	1	99	25.63	25.70	25.78	25.69	25.60		
20	QPSK	50	0	24.69	24.74	24.87	24.75	24.67	26	1
20	QPSK	50	24	24.57	24.63	24.80	24.62	24.74		
20	QPSK	50	50	24.56	24.80	24.74	24.67	24.58		
20	QPSK	100	0	24.67	24.73	24.77	24.71	24.70		
20	16QAM	1	0	24.67	24.71	24.68	24.63	24.62	26	1
20	16QAM	1	49	24.56	24.42	24.71	24.59	24.71		
20	16QAM	1	99	24.54	24.62	24.69	24.57	24.48		
20	16QAM	50	0	23.77	23.80	23.84	23.73	23.66	25	2
20	16QAM	50	24	23.59	23.61	23.79	23.69	23.76		
20	16QAM	50	50	23.58	23.85	23.73	23.61	23.57		
20	16QAM	100	0	23.56	23.73	23.83	23.65	23.72		
20	64QAM	1	0	23.66	23.75	23.67	23.56	23.65	25	2
20	64QAM	1	49	23.46	23.54	23.72	23.63	23.65		
20	64QAM	1	99	23.44	23.66	23.65	23.50	23.41		
20	64QAM	50	0	22.75	22.85	22.82	22.68	22.69	24	3
20	64QAM	50	24	22.54	22.66	22.71	22.56	22.76		
20	64QAM	50	50	22.55	22.83	22.72	22.64	22.55		
20	64QAM	100	0	22.55	22.68	22.81	22.73	22.66		
20	256QAM	1	0	20.80	20.73	20.82	20.75	20.68	22	5
20	256QAM	1	49	20.63	20.56	20.77	20.64	20.72		
20	256QAM	1	99	20.56	20.78	20.72	20.61	20.62		
20	256QAM	50	0	20.61	20.70	20.70	20.63	20.64	22	5
20	256QAM	50	24	20.51	20.77	20.59	20.63	20.67		
20	256QAM	50	50	20.53	20.45	20.74	20.57	20.66		
20	256QAM	100	0	20.56	20.68	20.69	20.46	20.56		
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	25.73	25.83	25.82	25.65	25.64	27.00	0
15	QPSK	1	37	25.55	25.56	25.69	25.50	25.61		
15	QPSK	1	74	25.52	25.60	25.71	25.66	25.49		
15	QPSK	36	0	24.64	24.69	24.76	24.60	24.58	26	1
15	QPSK	36	20	24.50	24.51	24.75	24.58	24.65		
15	QPSK	36	39	24.51	24.76	24.71	24.61	24.53		
15	QPSK	75	0	24.59	24.69	24.74	24.62	24.61		
15	16QAM	1	0	24.61	24.58	24.61	24.58	24.51	26	1
15	16QAM	1	37	24.53	24.29	24.63	24.49	24.59		
15	16QAM	1	74	24.42	24.50	24.59	24.47	24.34		
15	16QAM	36	0	23.68	23.72	23.78	23.65	23.53	25	2
15	16QAM	36	20	23.47	23.52	23.70	23.61	23.67		
15	16QAM	36	39	23.46	23.71	23.61	23.50	23.50		
15	16QAM	75	0	23.46	23.58	23.73	23.56	23.68		
15	64QAM	1	0	23.56	23.64	23.56	23.52	23.50	25	2
15	64QAM	1	37	23.41	23.41	23.64	23.52	23.61		
15	64QAM	1	74	23.32	23.56	23.61	23.46	23.27		
15	64QAM	36	0	22.71	22.80	22.78	22.65	22.62	24	3
15	64QAM	36	20	22.46	22.57	22.58	22.42	22.62		
15	64QAM	36	39	22.40	22.69	22.63	22.61	22.61		
15	64QAM	75	0	22.43	22.60	22.72	22.64	22.57		
15	256QAM	1	0	20.69	20.69	20.74	20.68	20.64	22	5
15	256QAM	1	37	20.50	20.42	20.70	20.50	20.57		
15	256QAM	1	74	20.45	20.74	20.58	20.57	20.47		
15	256QAM	36	0	20.49	20.64	20.64	20.56	20.56	22	5
15	256QAM	36	20	20.46	20.64	20.45	20.52	20.60		
15	256QAM	36	39	20.48	20.34	20.70	20.48	20.54		
15	256QAM	75	0	20.44	20.59	20.55	20.39	20.48		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.66	25.83	25.80	25.73	25.69	27.00	0
10	QPSK	1	25	25.54	25.58	25.63	25.46	25.67		
10	QPSK	1	49	25.48	25.66	25.67	25.64	25.52		
10	QPSK	25	0	24.54	24.62	24.73	24.71	24.62	26	1
10	QPSK	25	12	24.53	24.54	24.66	24.56	24.66		
10	QPSK	25	25	24.48	24.71	24.67	24.62	24.54		
10	QPSK	50	0	24.55	24.60	24.64	24.68	24.62		
10	16QAM	1	0	24.56	24.57	24.55	24.54	24.57	26	1
10	16QAM	1	25	24.46	24.33	24.59	24.51	24.68		
10	16QAM	1	49	24.43	24.52	24.60	24.45	24.44		
10	16QAM	25	0	23.64	23.76	23.78	23.68	23.55	25	2
10	16QAM	25	12	23.46	23.57	23.70	23.60	23.70		
10	16QAM	25	25	23.48	23.81	23.59	23.56	23.47		
10	16QAM	50	0	23.49	23.59	23.70	23.60	23.58		
10	64QAM	1	0	23.51	23.63	23.54	23.46	23.62	25	2
10	64QAM	1	25	23.41	23.43	23.64	23.49	23.61		
10	64QAM	1	49	23.36	23.54	23.52	23.45	23.28		
10	64QAM	25	0	22.70	22.80	22.75	22.57	22.65	24	3
10	64QAM	25	12	22.49	22.57	22.68	22.46	22.71		
10	64QAM	25	25	22.41	22.72	22.59	22.49	22.46		
10	64QAM	50	0	22.50	22.53	22.73	22.64	22.53		
10	256QAM	1	0	20.67	20.68	20.70	20.63	20.58	22	5
10	256QAM	1	25	20.58	20.45	20.63	20.60	20.61		
10	256QAM	1	49	20.50	20.74	20.58	20.52	20.52		
10	256QAM	25	0	20.51	20.67	20.64	20.51	20.52	22	5
10	256QAM	25	12	20.44	20.72	20.51	20.54	20.57		
10	256QAM	25	25	20.49	20.37	20.69	20.50	20.59		
10	256QAM	50	0	20.42	20.64	20.65	20.36	20.51		
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	25.71	25.74	25.77	25.67	25.70	27.00	0
5	QPSK	1	12	25.48	25.57	25.69	25.53	25.61		
5	QPSK	1	24	25.50	25.64	25.65	25.59	25.48		
5	QPSK	12	0	24.54	24.66	24.79	24.69	24.55	26	1
5	QPSK	12	7	24.49	24.56	24.72	24.50	24.69		
5	QPSK	12	13	24.48	24.70	24.68	24.54	24.51		
5	QPSK	25	0	24.56	24.67	24.67	24.54	24.60		
5	16QAM	1	0	24.62	24.58	24.63	24.51	24.56	26	1
5	16QAM	1	12	24.50	24.36	24.57	24.48	24.66		
5	16QAM	1	24	24.43	24.59	24.59	24.51	24.43		
5	16QAM	12	0	23.71	23.70	23.79	23.63	23.51	25	2
5	16QAM	12	7	23.47	23.57	23.70	23.56	23.71		
5	16QAM	12	13	23.51	23.72	23.61	23.51	23.46		
5	16QAM	25	0	23.49	23.59	23.74	23.61	23.59		
5	64QAM	1	0	23.60	23.69	23.56	23.44	23.58	25	2
5	64QAM	1	12	23.33	23.49	23.68	23.49	23.51		
5	64QAM	1	24	23.34	23.61	23.56	23.44	23.35		
5	64QAM	12	0	22.66	22.81	22.71	22.53	22.58	24	3
5	64QAM	12	7	22.46	22.59	22.67	22.53	22.70		
5	64QAM	12	13	22.50	22.77	22.57	22.53	22.48		
5	64QAM	25	0	22.42	22.65	22.71	22.61	22.57		
5	256QAM	1	0	20.75	20.59	20.75	20.67	20.59	22	5
5	256QAM	1	12	20.57	20.48	20.65	20.52	20.59		
5	256QAM	1	24	20.41	20.73	20.62	20.49	20.49		
5	256QAM	12	0	20.48	20.67	20.66	20.58	20.61	22	5
5	256QAM	12	7	20.41	20.66	20.49	20.50	20.56		
5	256QAM	12	13	20.45	20.34	20.70	20.53	20.57		
5	256QAM	25	0	20.52	20.56	20.61	20.38	20.49		

Reduced Power Mode for DSI2

GSM850 Ant.0 DSI2	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	32.09	32.26	32.52	33.50	23.09	23.26	23.52	24.50
GPRS 1 Tx slot	32.08	32.24	32.50	33.50	23.08	23.24	23.50	24.50
GPRS 2 Tx slots	29.98	30.29	30.39	31.00	23.98	24.29	24.39	25.00
GPRS 3 Tx slots	28.41	28.74	28.85	30.00	24.15	24.48	24.59	25.74
GPRS 4 Tx slots	26.94	27.09	27.40	28.00	23.94	24.09	24.40	25.00
EDGE 1 Tx slot	26.74	26.80	26.62	28.00	17.74	17.80	17.62	19.00
EDGE 2 Tx slots	25.52	25.52	25.41	26.50	19.52	19.52	19.41	20.50
EDGE 3 Tx slots	24.16	24.15	24.00	25.00	19.90	19.89	19.74	20.74
EDGE 4 Tx slots	22.12	22.22	22.13	23.00	19.12	19.22	19.13	20.00

Band		WCDMA V Ant.0 DSI2			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	22.18	22.25	22.13	24.00
3GPP Rel 99	RMC 12.2Kbps	22.28	22.32	22.18	24.00
3GPP Rel 6	HSDPA Subtest-1	21.25	21.31	21.23	23.00
3GPP Rel 6	HSDPA Subtest-2	21.34	21.28	21.18	23.00
3GPP Rel 6	HSDPA Subtest-3	20.78	20.76	20.74	22.50
3GPP Rel 6	HSDPA Subtest-4	20.78	20.82	20.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.30	21.34	21.16	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.26	21.37	21.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.74	20.80	20.65	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.79	20.78	20.69	22.50
3GPP Rel 6	HSUPA Subtest-1	21.27	21.28	21.14	23.00
3GPP Rel 6	HSUPA Subtest-2	19.22	19.29	19.16	21.00
3GPP Rel 6	HSUPA Subtest-3	20.32	20.33	20.13	22.00
3GPP Rel 6	HSUPA Subtest-4	19.29	19.26	19.20	21.00
3GPP Rel 6	HSUPA Subtest-5	21.33	21.30	21.19	23.00

Band 5 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.70	22.75	22.68		
10	QPSK	1	25	22.57	22.69	22.61	24	0
10	QPSK	1	49	22.57	22.65	22.59		
10	QPSK	25	0	21.75	21.78	21.68		
10	QPSK	25	12	21.59	21.73	21.63	23	1
10	QPSK	25	25	21.55	21.61	21.60		
10	QPSK	50	0	21.67	21.73	21.67		
10	16QAM	1	0	21.64	21.71	21.62		
10	16QAM	1	25	21.44	21.66	21.49	23	1
10	16QAM	1	49	21.52	21.48	21.47		
10	16QAM	25	0	20.77	20.75	20.72		
10	16QAM	25	12	20.62	20.74	20.64	22	2
10	16QAM	25	25	20.52	20.64	20.54		
10	16QAM	50	0	20.73	20.75	20.63		
10	64QAM	1	0	20.61	20.70	20.67		
10	64QAM	1	25	20.40	20.70	20.50	22	2
10	64QAM	1	49	20.51	20.44	20.46		
10	64QAM	25	0	19.73	19.79	19.64		
10	64QAM	25	12	19.63	19.75	19.62	21	3
10	64QAM	25	25	19.55	19.56	19.55		
10	64QAM	50	0	19.65	19.71	19.63		
10	256QAM	1	0	17.81	17.74	17.69		
10	256QAM	1	25	17.63	17.68	17.65	19	5
10	256QAM	1	49	17.53	17.67	17.63		
10	256QAM	25	0	17.63	17.81	17.67		
10	256QAM	25	12	17.60	17.68	17.62	19	5
10	256QAM	25	25	17.45	17.63	17.49		
10	256QAM	50	0	17.55	17.44	17.45		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.57	22.71	22.53	24	0
5	QPSK	1	12	22.48	22.57	22.50		
5	QPSK	1	24	22.51	22.53	22.50		
5	QPSK	12	0	21.63	21.72	21.55		
5	QPSK	12	7	21.46	21.66	21.52	23	1
5	QPSK	12	13	21.46	21.56	21.54		
5	QPSK	25	0	21.55	21.66	21.59		
5	16QAM	1	0	21.61	21.67	21.49		
5	16QAM	1	12	21.37	21.60	21.41	23	1
5	16QAM	1	24	21.48	21.35	21.39		
5	16QAM	12	0	20.71	20.61	20.62		
5	16QAM	12	7	20.51	20.64	20.50	22	2
5	16QAM	12	13	20.39	20.54	20.46		
5	16QAM	25	0	20.67	20.67	20.56		
5	64QAM	1	0	20.53	20.60	20.63		
5	64QAM	1	12	20.27	20.61	20.43	22	2
5	64QAM	1	24	20.45	20.30	20.40		
5	64QAM	12	0	19.65	19.69	19.50		
5	64QAM	12	7	19.53	19.67	19.55	21	3
5	64QAM	12	13	19.45	19.53	19.45		
5	64QAM	25	0	19.56	19.66	19.55		
5	256QAM	1	0	17.73	17.59	17.57		
5	256QAM	1	12	17.54	17.62	17.58	19	5
5	256QAM	1	24	17.39	17.61	17.59		
5	256QAM	12	0	17.58	17.70	17.56		
5	256QAM	12	7	17.56	17.62	17.53	19	5
5	256QAM	12	13	17.36	17.53	17.42		
5	256QAM	25	0	17.43	17.38	17.38		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.64	22.66	22.61	24	0
3	QPSK	1	8	22.48	22.59	22.47		
3	QPSK	1	14	22.47	22.54	22.51		
3	QPSK	8	0	21.61	21.74	21.61		
3	QPSK	8	4	21.51	21.61	21.53	23	1
3	QPSK	8	7	21.43	21.48	21.49		
3	QPSK	15	0	21.64	21.68	21.57		
3	16QAM	1	0	21.56	21.62	21.57		
3	16QAM	1	8	21.31	21.60	21.34	23	1
3	16QAM	1	14	21.42	21.41	21.42		
3	16QAM	8	0	20.69	20.71	20.65		
3	16QAM	8	4	20.47	20.64	20.53	22	2
3	16QAM	8	7	20.41	20.55	20.47		
3	16QAM	15	0	20.67	20.71	20.60		
3	64QAM	1	0	20.58	20.57	20.53		
3	64QAM	1	8	20.33	20.57	20.35	22	2
3	64QAM	1	14	20.46	20.33	20.36		
3	64QAM	8	0	19.68	19.70	19.56		
3	64QAM	8	4	19.51	19.66	19.53	21	3
3	64QAM	8	7	19.42	19.52	19.42		
3	64QAM	15	0	19.58	19.59	19.48		
3	256QAM	1	0	17.73	17.79	17.56		
3	256QAM	1	8	17.49	17.65	17.60	19	5
3	256QAM	1	14	17.38	17.54	17.58		
3	256QAM	8	0	17.59	17.72	17.60		
3	256QAM	8	4	17.53	17.61	17.57	19	5
3	256QAM	8	7	17.36	17.59	17.44		
3	256QAM	15	0	17.43	17.38	17.35		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.56	22.62	22.61		
1.4	QPSK	1	3	22.46	22.64	22.49		
1.4	QPSK	1	5	22.45	22.57	22.56	24	0
1.4	QPSK	3	0	22.43	22.54	22.46		
1.4	QPSK	3	1	22.37	22.55	22.44		
1.4	QPSK	3	3	22.30	22.49	22.45		
1.4	QPSK	6	0	21.62	21.69	21.56	23	1
1.4	16QAM	1	0	21.55	21.65	21.51		
1.4	16QAM	1	3	21.31	21.61	21.36		
1.4	16QAM	1	5	21.45	21.34	21.38	23	1
1.4	16QAM	3	0	21.55	21.62	21.43		
1.4	16QAM	3	1	21.44	21.54	21.46		
1.4	16QAM	3	3	21.25	21.51	21.32		
1.4	16QAM	6	0	20.59	20.64	20.57	22	2
1.4	64QAM	1	0	20.53	20.66	20.56		
1.4	64QAM	1	3	20.29	20.59	20.42	22	2
1.4	64QAM	1	5	20.45	20.39	20.33		
1.4	64QAM	3	0	20.44	20.59	20.43		
1.4	64QAM	3	1	20.40	20.57	20.53		
1.4	64QAM	3	3	20.23	20.50	20.39		
1.4	64QAM	6	0	19.57	19.63	19.55	21	3
1.4	256QAM	1	0	17.73	17.66	17.57		
1.4	256QAM	1	3	17.59	17.64	17.58		
1.4	256QAM	1	5	17.43	17.56	17.59	19	5
1.4	256QAM	3	0	17.53	17.72	17.59		
1.4	256QAM	3	1	17.53	17.64	17.56		
1.4	256QAM	3	3	17.39	17.50	17.40		
1.4	256QAM	6	0	17.41	17.36	17.34	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.90	20.94	20.89		
20	QPSK	1	49	20.86	20.89	20.85	22.5	0
20	QPSK	1	99	20.82	20.79	20.76		
20	QPSK	50	0	19.93	19.96	19.84		
20	QPSK	50	24	19.86	19.92	19.82	21.5	1
20	QPSK	50	50	19.76	19.80	19.72		
20	QPSK	100	0	19.90	19.92	19.89		
20	16QAM	1	0	19.88	19.90	19.70		
20	16QAM	1	49	19.73	19.79	19.71	21.5	1
20	16QAM	1	99	19.71	19.65	19.57		
20	16QAM	50	0	18.98	18.91	18.82		
20	16QAM	50	24	18.90	18.92	18.78	20.5	2
20	16QAM	50	50	18.77	18.77	18.72		
20	16QAM	100	0	18.87	18.98	18.95		
20	64QAM	1	0	18.88	18.88	18.74		
20	64QAM	1	49	18.73	18.78	18.70	20.5	2
20	64QAM	1	99	18.76	18.65	18.60		
20	64QAM	50	0	17.89	17.93	17.82		
20	64QAM	50	24	17.86	17.88	17.88	19.5	3
20	64QAM	50	50	17.75	17.76	17.72		
20	64QAM	100	0	17.95	17.93	17.85		
20	256QAM	1	0	15.98	15.99	15.79		
20	256QAM	1	49	15.82	15.90	15.87	17.5	5
20	256QAM	1	99	15.79	15.75	15.69		
20	256QAM	50	0	15.92	15.90	15.83		
20	256QAM	50	24	15.88	15.96	15.69	17.5	5
20	256QAM	50	50	15.71	15.80	15.75		
20	256QAM	100	0	15.75	15.65	15.60		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.79	20.86	20.78		
15	QPSK	1	37	20.78	20.85	20.80	22.5	0
15	QPSK	1	74	20.71	20.75	20.67		
15	QPSK	36	0	19.88	19.92	19.79		
15	QPSK	36	20	19.74	19.81	19.74	21.5	1
15	QPSK	36	39	19.67	19.69	19.66		
15	QPSK	75	0	19.77	19.85	19.85		
15	16QAM	1	0	19.79	19.80	19.65		
15	16QAM	1	37	19.65	19.72	19.65	21.5	1
15	16QAM	1	74	19.68	19.52	19.66		
15	16QAM	36	0	18.86	18.83	18.68		
15	16QAM	36	20	18.82	18.87	18.73	20.5	2
15	16QAM	36	39	18.69	18.65	18.68		
15	16QAM	75	0	18.76	18.84	18.85		
15	64QAM	1	0	18.78	18.80	18.66		
15	64QAM	1	37	18.58	18.64	18.57	20.5	2
15	64QAM	1	74	18.63	18.56	18.55		
15	64QAM	36	0	17.83	17.86	17.77		
15	64QAM	36	20	17.77	17.74	17.79	19.5	3
15	64QAM	36	39	17.69	17.62	17.57		
15	64QAM	75	0	17.89	17.80	17.74		
15	256QAM	1	0	15.88	15.86	15.72		
15	256QAM	1	37	15.76	15.85	15.83	17.5	5
15	256QAM	1	74	15.74	15.61	15.60		
15	256QAM	36	0	15.81	15.76	15.70		
15	256QAM	36	20	15.77	15.90	15.56	17.5	5
15	256QAM	36	39	15.58	15.66	15.63		
15	256QAM	75	0	15.68	15.53	15.53		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.84	20.85	20.78	22.5	0
10	QPSK	1	25	20.82	20.79	20.71		
10	QPSK	1	49	20.74	20.65	20.68		
10	QPSK	25	0	19.83	19.83	19.72		
10	QPSK	25	12	19.72	19.82	19.72	21.5	1
10	QPSK	25	25	19.71	19.71	19.58		
10	QPSK	50	0	19.87	19.85	19.77		
10	16QAM	1	0	19.77	19.83	19.60		
10	16QAM	1	25	19.61	19.70	19.62	21.5	1
10	16QAM	1	49	19.66	19.50	19.53		
10	16QAM	25	0	18.91	18.79	18.68		
10	16QAM	25	12	18.78	18.83	18.66	20.5	2
10	16QAM	25	25	18.71	18.71	18.64		
10	16QAM	50	0	18.83	18.93	18.91		
10	64QAM	1	0	18.73	18.81	18.63		
10	64QAM	1	25	18.66	18.74	18.66	20.5	2
10	64QAM	1	49	18.63	18.53	18.56		
10	64QAM	25	0	17.82	17.89	17.73		
10	64QAM	25	12	17.82	17.83	17.81	19.5	3
10	64QAM	25	25	17.62	17.69	17.66		
10	64QAM	50	0	17.88	17.87	17.76		
10	256QAM	1	0	15.92	15.89	15.67		
10	256QAM	1	25	15.67	15.78	15.77	17.5	5
10	256QAM	1	49	15.74	15.65	15.63		
10	256QAM	25	0	15.79	15.77	15.70		
10	256QAM	25	12	15.75	15.81	15.55	17.5	5
10	256QAM	25	25	15.59	15.72	15.69		
10	256QAM	50	0	15.64	15.60	15.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.78	20.88	20.82		
5	QPSK	1	12	20.75	20.85	20.73	22.5	0
5	QPSK	1	24	20.77	20.66	20.63		
5	QPSK	12	0	19.80	19.82	19.71		
5	QPSK	12	7	19.81	19.82	19.71	21.5	1
5	QPSK	12	13	19.66	19.73	19.66		
5	QPSK	25	0	19.80	19.79	19.78		
5	16QAM	1	0	19.74	19.85	19.58		
5	16QAM	1	12	19.61	19.71	19.60	21.5	1
5	16QAM	1	24	19.66	19.53	19.55		
5	16QAM	12	0	18.84	18.78	18.74		
5	16QAM	12	7	18.77	18.87	18.66	20.5	2
5	16QAM	12	13	18.68	18.62	18.59		
5	16QAM	25	0	18.78	18.95	18.82		
5	64QAM	1	0	18.81	18.79	18.70		
5	64QAM	1	12	18.64	18.65	18.57	20.5	2
5	64QAM	1	24	18.72	18.53	18.55		
5	64QAM	12	0	17.86	17.89	17.74		
5	64QAM	12	7	17.73	17.79	17.82	19.5	3
5	64QAM	12	13	17.66	17.68	17.64		
5	64QAM	25	0	17.91	17.90	17.70		
5	256QAM	1	0	15.86	15.95	15.67		
5	256QAM	1	12	15.79	15.86	15.82	17.5	5
5	256QAM	1	24	15.66	15.60	15.62		
5	256QAM	12	0	15.78	15.85	15.78		
5	256QAM	12	7	15.81	15.90	15.61	17.5	5
5	256QAM	12	13	15.60	15.72	15.65		
5	256QAM	25	0	15.66	15.51	15.59		

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.45	22.50	22.43		
10	QPSK	1	25	22.41	22.46	22.39	24	0
10	QPSK	1	49	22.32	22.36	22.36		
10	QPSK	25	0	21.44	21.55	21.46		
10	QPSK	25	12	21.45	21.48	21.45	23	1
10	QPSK	25	25	21.28	21.35	21.36		
10	QPSK	50	0	21.47	21.52	21.44		
10	16QAM	1	0	21.31	21.46	21.40		
10	16QAM	1	25	21.39	21.40	21.38	23	1
10	16QAM	1	49	21.13	21.26	21.25		
10	16QAM	25	0	20.45	20.58	20.43		
10	16QAM	25	12	20.51	20.53	20.43	22	2
10	16QAM	25	25	20.33	20.32	20.31		
10	16QAM	50	0	20.51	20.47	20.45		
10	64QAM	1	0	20.32	20.42	20.34		
10	64QAM	1	25	20.36	20.35	20.34	22	2
10	64QAM	1	49	20.09	20.25	20.30		
10	64QAM	25	0	19.39	19.54	19.42		
10	64QAM	25	12	19.40	19.53	19.49	21	3
10	64QAM	25	25	19.31	19.32	19.36		
10	64QAM	50	0	19.49	19.53	19.42		
10	256QAM	1	0	17.47	17.61	17.48		
10	256QAM	1	25	17.45	17.50	17.50	19	5
10	256QAM	1	49	17.29	17.33	17.40		
10	256QAM	25	0	17.50	17.57	17.43		
10	256QAM	25	12	17.30	17.40	17.36	19	5
10	256QAM	25	25	17.38	17.35	17.32		
10	256QAM	50	0	17.10	17.23	17.21		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.40	22.37	22.36		
5	QPSK	1	12	22.27	22.40	22.35	24	0
5	QPSK	1	24	22.19	22.27	22.24		
5	QPSK	12	0	21.35	21.45	21.42		
5	QPSK	12	7	21.37	21.37	21.42	23	1
5	QPSK	12	13	21.17	21.28	21.30		
5	QPSK	25	0	21.33	21.47	21.41		
5	16QAM	1	0	21.23	21.39	21.30		
5	16QAM	1	12	21.27	21.35	21.30	23	1
5	16QAM	1	24	21.16	21.14	21.11		
5	16QAM	12	0	20.31	20.49	20.38		
5	16QAM	12	7	20.37	20.46	20.36	22	2
5	16QAM	12	13	20.25	20.27	20.24		
5	16QAM	25	0	20.41	20.37	20.33		
5	64QAM	1	0	20.19	20.31	20.21		
5	64QAM	1	12	20.23	20.29	20.21	22	2
5	64QAM	1	24	20.05	20.16	20.17		
5	64QAM	12	0	19.32	19.39	19.29		
5	64QAM	12	7	19.33	19.44	19.37	21	3
5	64QAM	12	13	19.16	19.26	19.27		
5	64QAM	25	0	19.42	19.39	19.30		
5	256QAM	1	0	17.38	17.55	17.34		
5	256QAM	1	12	17.39	17.45	17.35	19	5
5	256QAM	1	24	17.19	17.25	17.35		
5	256QAM	12	0	17.43	17.53	17.34		
5	256QAM	12	7	17.25	17.33	17.27	19	5
5	256QAM	12	13	17.29	17.32	17.27		
5	256QAM	25	0	17.00	17.15	17.10		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.36	22.42	22.36	24	0
3	QPSK	1	8	22.38	22.35	22.32		
3	QPSK	1	14	22.17	22.33	22.29		
3	QPSK	8	0	21.35	21.41	21.34		
3	QPSK	8	4	21.39	21.37	21.39	23	1
3	QPSK	8	7	21.17	21.26	21.23		
3	QPSK	15	0	21.33	21.43	21.30		
3	16QAM	1	0	21.21	21.35	21.33		
3	16QAM	1	8	21.30	21.25	21.24	23	1
3	16QAM	1	14	21.22	21.23	21.22		
3	16QAM	8	0	20.39	20.54	20.29		
3	16QAM	8	4	20.46	20.42	20.32	22	2
3	16QAM	8	7	20.19	20.23	20.24		
3	16QAM	15	0	20.46	20.36	20.33		
3	64QAM	1	0	20.23	20.34	20.26		
3	64QAM	1	8	20.30	20.22	20.28	22	2
3	64QAM	1	14	20.04	20.15	20.27		
3	64QAM	8	0	19.29	19.42	19.28		
3	64QAM	8	4	19.30	19.38	19.34	21	3
3	64QAM	8	7	19.24	19.28	19.30		
3	64QAM	15	0	19.45	19.49	19.30		
3	256QAM	1	0	17.39	17.47	17.40		
3	256QAM	1	8	17.34	17.37	17.40	19	5
3	256QAM	1	14	17.16	17.22	17.30		
3	256QAM	8	0	17.46	17.47	17.31		
3	256QAM	8	4	17.24	17.36	17.23	19	5
3	256QAM	8	7	17.34	17.31	17.22		
3	256QAM	15	0	17.16	17.18	17.13		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.38	22.42	22.30		
1.4	QPSK	1	3	22.31	22.39	22.34		
1.4	QPSK	1	5	22.24	22.30	22.31	24	0
1.4	QPSK	3	0	22.26	22.36	22.18		
1.4	QPSK	3	1	22.20	22.26	22.30		
1.4	QPSK	3	3	22.16	22.21	22.18		
1.4	QPSK	6	0	21.38	21.46	21.37	23	1
1.4	16QAM	1	0	21.25	21.34	21.34		
1.4	16QAM	1	3	21.25	21.37	21.23		
1.4	16QAM	1	5	21.05	21.12	21.22	23	1
1.4	16QAM	3	0	21.30	21.39	21.29		
1.4	16QAM	3	1	21.19	21.21	21.25		
1.4	16QAM	3	3	21.21	21.31	21.13		
1.4	16QAM	6	0	20.48	20.38	20.34	22	2
1.4	64QAM	1	0	20.27	20.32	20.30		
1.4	64QAM	1	3	20.22	20.25	20.21		
1.4	64QAM	1	5	20.02	20.21	20.26	22	2
1.4	64QAM	3	0	20.40	20.34	20.22		
1.4	64QAM	3	1	20.18	20.27	20.20		
1.4	64QAM	3	3	20.17	20.20	20.07		
1.4	64QAM	6	0	19.40	19.49	19.32	21	3
1.4	256QAM	1	0	17.37	17.53	17.41		
1.4	256QAM	1	3	17.33	17.44	17.37		
1.4	256QAM	1	5	17.18	17.24	17.32	19	5
1.4	256QAM	3	0	17.37	17.52	17.39		
1.4	256QAM	3	1	17.21	17.36	17.24		
1.4	256QAM	3	3	17.31	17.29	17.17		
1.4	256QAM	6	0	17.00	17.16	17.14	19	5

Band 13 Ant 0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.60		24	0
10	QPSK	1	25		22.55			
10	QPSK	1	49		22.50			
10	QPSK	25	0		21.61		23	1
10	QPSK	25	12		21.51			
10	QPSK	25	25		21.52			
10	QPSK	50	0		21.60			
10	16QAM	1	0		21.57		23	1
10	16QAM	1	25		21.43			
10	16QAM	1	49		21.44			
10	16QAM	25	0		20.65		22	2
10	16QAM	25	12		20.50			
10	16QAM	25	25		20.53			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.59		22	2
10	64QAM	1	25		20.45			
10	64QAM	1	49		20.45			
10	64QAM	25	0		19.56		21	3
10	64QAM	25	12		19.47			
10	64QAM	25	25		19.56			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.96		19	5
10	256QAM	1	25		17.54			
10	256QAM	1	49		17.55			
10	256QAM	25	0		17.61		19	5
10	256QAM	25	12		17.59			
10	256QAM	25	25		17.48			
10	256QAM	50	0		17.50			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.46	22.52	22.50	24	0
5	QPSK	1	12	22.47	22.52	22.46		
5	QPSK	1	24	22.37	22.37	22.40		
5	QPSK	12	0	21.46	21.52	21.53	23	1
5	QPSK	12	7	21.45	21.41	21.46		
5	QPSK	12	13	21.40	21.39	21.45		
5	QPSK	25	0	21.47	21.49	21.45		
5	16QAM	1	0	21.52	21.47	21.49	23	1
5	16QAM	1	12	21.34	21.37	21.30		
5	16QAM	1	24	21.33	21.33	21.31		
5	16QAM	12	0	20.50	20.58	20.58	22	2
5	16QAM	12	7	20.38	20.47	20.41		
5	16QAM	12	13	20.45	20.49	20.41		
5	16QAM	25	0	20.47	20.48	20.49		
5	64QAM	1	0	20.45	20.52	20.45	22	2
5	64QAM	1	12	20.36	20.41	20.40		
5	64QAM	1	24	20.35	20.38	20.33		
5	64QAM	12	0	19.46	19.50	19.48	21	3
5	64QAM	12	7	19.36	19.42	19.37		
5	64QAM	12	13	19.45	19.49	19.43		
5	64QAM	25	0	19.47	19.52	19.52		
5	256QAM	1	0	17.51	17.46	17.42	19	5
5	256QAM	1	12	17.48	17.50	17.48		
5	256QAM	1	24	17.45	17.51	17.50		
5	256QAM	12	0	17.56	17.58	17.50	19	5
5	256QAM	12	7	17.50	17.54	17.50		
5	256QAM	12	13	17.37	17.33	17.44		
5	256QAM	25	0	17.43	17.46	17.36		

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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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.33	22.46	22.36	24	0
10	QPSK	1	25	22.26	22.32	22.31		
10	QPSK	1	49	22.22	22.28	22.22		
10	QPSK	25	0	21.29	21.42	21.33	23	1
10	QPSK	25	12	21.33	21.36	21.35		
10	QPSK	25	25	21.24	21.20	21.24		
10	QPSK	50	0	21.33	21.43	21.31		
10	16QAM	1	0	21.22	21.39	21.30	23	1
10	16QAM	1	25	21.27	21.32	21.29		
10	16QAM	1	49	21.09	21.19	21.12		
10	16QAM	25	0	20.32	20.49	20.36	22	2
10	16QAM	25	12	20.39	20.41	20.30		
10	16QAM	25	25	20.29	20.17	20.23		
10	16QAM	50	0	20.46	20.41	20.40		
10	64QAM	1	0	20.24	20.29	20.29	22	2
10	64QAM	1	25	20.29	20.24	20.26		
10	64QAM	1	49	20.04	20.15	20.19		
10	64QAM	25	0	19.28	19.44	19.36	21	3
10	64QAM	25	12	19.36	19.44	19.38		
10	64QAM	25	25	19.18	19.28	19.22		
10	64QAM	50	0	19.45	19.40	19.28		
10	256QAM	1	0	17.41	17.49	17.40	19	5
10	256QAM	1	25	17.41	17.46	17.40		
10	256QAM	1	49	17.20	17.21	17.30		
10	256QAM	25	0	17.39	17.42	17.31	19	5
10	256QAM	25	12	17.19	17.35	17.23		
10	256QAM	25	25	17.27	17.28	17.22		
10	256QAM	50	0	17.07	17.18	17.08		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.20	22.37	22.32	24	0
5	QPSK	1	12	22.15	22.30	22.25		
5	QPSK	1	24	22.08	22.18	22.16		
5	QPSK	12	0	21.14	21.31	21.22	23	1
5	QPSK	12	7	21.27	21.32	21.27		
5	QPSK	12	13	21.14	21.10	21.11		
5	QPSK	25	0	21.25	21.35	21.26		
5	16QAM	1	0	21.14	21.27	21.16	23	1
5	16QAM	1	12	21.20	21.21	21.20		
5	16QAM	1	24	21.02	21.08	21.06		
5	16QAM	12	0	20.18	20.46	20.30	22	2
5	16QAM	12	7	20.28	20.29	20.15		
5	16QAM	12	13	20.18	20.05	20.10		
5	16QAM	25	0	20.32	20.37	20.33		
5	64QAM	1	0	20.12	20.25	20.19	22	2
5	64QAM	1	12	20.24	20.14	20.16		
5	64QAM	1	24	20.00	20.09	20.12		
5	64QAM	12	0	19.23	19.36	19.31	21	3
5	64QAM	12	7	19.27	19.33	19.30		
5	64QAM	12	13	19.04	19.19	19.10		
5	64QAM	25	0	19.34	19.28	19.22		
5	256QAM	1	0	17.37	17.45	17.32	19	5
5	256QAM	1	12	17.28	17.33	17.36		
5	256QAM	1	24	17.10	17.18	17.15		
5	256QAM	12	0	17.34	17.37	17.19	19	5
5	256QAM	12	7	17.11	17.27	17.11		
5	256QAM	12	13	17.20	17.15	17.08		
5	256QAM	25	0	17.00	17.08	17.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.81	22.82	22.81	24	0
15	QPSK	1	37	22.64	22.75	22.73		
15	QPSK	1	74	22.71	22.77	22.72		
15	QPSK	36	0	21.89	21.91	21.72	23	1
15	QPSK	36	20	21.65	21.80	21.69		
15	QPSK	36	39	21.62	21.68	21.68		
15	QPSK	75	0	21.82	21.85	21.77		
15	16QAM	1	0	21.76	21.83	21.69	23	1
15	16QAM	1	37	21.53	21.82	21.64		
15	16QAM	1	74	21.63	21.63	21.62		
15	16QAM	36	0	20.92	20.84	20.85	22	2
15	16QAM	36	20	20.75	20.87	20.71		
15	16QAM	36	39	20.68	20.68	20.67		
15	16QAM	75	0	20.85	20.80	20.79		
15	64QAM	1	0	20.69	20.77	20.80	22	2
15	64QAM	1	37	20.54	20.84	20.62		
15	64QAM	1	74	20.56	20.53	20.60		
15	64QAM	36	0	19.80	19.94	19.75	21	3
15	64QAM	36	20	19.71	19.86	19.73		
15	64QAM	36	39	19.69	19.68	19.69		
15	64QAM	75	0	19.75	19.79	19.67		
15	256QAM	1	0	17.92	17.90	17.84	19	5
15	256QAM	1	37	17.79	17.79	17.72		
15	256QAM	1	74	17.66	17.79	17.72		
15	256QAM	36	0	17.67	17.94	17.72	19	5
15	256QAM	36	20	17.70	17.80	17.67		
15	256QAM	36	39	17.53	17.76	17.60		
15	256QAM	75	0	17.62	17.49	17.54		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.70	22.69	22.72	24	0
10	QPSK	1	25	22.53	22.60	22.67		
10	QPSK	1	49	22.57	22.70	22.58		
10	QPSK	25	0	21.80	21.80	21.58	23	1
10	QPSK	25	12	21.51	21.66	21.62		
10	QPSK	25	25	21.49	21.63	21.54		
10	QPSK	50	0	21.72	21.80	21.73		
10	16QAM	1	0	21.63	21.71	21.63	23	1
10	16QAM	1	25	21.39	21.77	21.61		
10	16QAM	1	49	21.57	21.53	21.51		
10	16QAM	25	0	20.81	20.80	20.79	22	2
10	16QAM	25	12	20.72	20.84	20.59		
10	16QAM	25	25	20.53	20.58	20.56		
10	16QAM	50	0	20.77	20.71	20.76		
10	64QAM	1	0	20.58	20.73	20.75	22	2
10	64QAM	1	25	20.47	20.75	20.54		
10	64QAM	1	49	20.44	20.44	20.50		
10	64QAM	25	0	19.75	19.89	19.66	21	3
10	64QAM	25	12	19.65	19.75	19.67		
10	64QAM	25	25	19.65	19.55	19.59		
10	64QAM	50	0	19.71	19.66	19.58		
10	256QAM	1	0	17.84	17.76	17.71	19	5
10	256QAM	1	25	17.72	17.68	17.61		
10	256QAM	1	49	17.53	17.64	17.64		
10	256QAM	25	0	17.63	17.79	17.62	19	5
10	256QAM	25	12	17.60	17.75	17.64		
10	256QAM	25	25	17.43	17.72	17.49		
10	256QAM	50	0	17.48	17.38	17.42		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.67	22.72	22.67	24	0
5	QPSK	1	12	22.51	22.62	22.64		
5	QPSK	1	24	22.61	22.65	22.59		
5	QPSK	12	0	21.75	21.77	21.57	23	1
5	QPSK	12	7	21.56	21.70	21.65		
5	QPSK	12	13	21.54	21.60	21.53		
5	QPSK	25	0	21.76	21.73	21.73		
5	16QAM	1	0	21.70	21.76	21.57	23	1
5	16QAM	1	12	21.39	21.79	21.52		
5	16QAM	1	24	21.53	21.58	21.52		
5	16QAM	12	0	20.80	20.69	20.78	22	2
5	16QAM	12	7	20.71	20.79	20.61		
5	16QAM	12	13	20.54	20.65	20.55		
5	16QAM	25	0	20.75	20.74	20.69		
5	64QAM	1	0	20.64	20.73	20.66	22	2
5	64QAM	1	12	20.48	20.74	20.50		
5	64QAM	1	24	20.44	20.38	20.52		
5	64QAM	12	0	19.74	19.90	19.67	21	3
5	64QAM	12	7	19.61	19.72	19.63		
5	64QAM	12	13	19.63	19.59	19.54		
5	64QAM	25	0	19.70	19.75	19.59		
5	256QAM	1	0	17.78	17.87	17.78	19	5
5	256QAM	1	12	17.65	17.73	17.64		
5	256QAM	1	24	17.54	17.71	17.65		
5	256QAM	12	0	17.55	17.88	17.62	19	5
5	256QAM	12	7	17.61	17.69	17.55		
5	256QAM	12	13	17.44	17.70	17.46		
5	256QAM	25	0	17.59	17.37	17.44		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.71	22.75	22.77	24	0
3	QPSK	1	8	22.53	22.67	22.62		
3	QPSK	1	14	22.68	22.63	22.62		
3	QPSK	8	0	21.75	21.80	21.64	23	1
3	QPSK	8	4	21.57	21.69	21.61		
3	QPSK	8	7	21.49	21.53	21.55		
3	QPSK	15	0	21.75	21.80	21.63		
3	16QAM	1	0	21.66	21.77	21.54	23	1
3	16QAM	1	8	21.45	21.78	21.60		
3	16QAM	1	14	21.57	21.54	21.50		
3	16QAM	8	0	20.77	20.71	20.71	22	2
3	16QAM	8	4	20.67	20.77	20.64		
3	16QAM	8	7	20.55	20.54	20.57		
3	16QAM	15	0	20.80	20.73	20.70		
3	64QAM	1	0	20.65	20.73	20.66	22	2
3	64QAM	1	8	20.44	20.80	20.59		
3	64QAM	1	14	20.48	20.49	20.46		
3	64QAM	8	0	19.67	19.84	19.62	21	3
3	64QAM	8	4	19.58	19.75	19.63		
3	64QAM	8	7	19.62	19.58	19.61		
3	64QAM	15	0	19.71	19.70	19.53		
3	256QAM	1	0	17.87	17.81	17.75	19	5
3	256QAM	1	8	17.75	17.66	17.67		
3	256QAM	1	14	17.57	17.68	17.63		
3	256QAM	8	0	17.57	17.88	17.61	19	5
3	256QAM	8	4	17.62	17.74	17.61		
3	256QAM	8	7	17.49	17.65	17.54		
3	256QAM	15	0	17.50	17.44	17.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.73	22.71	22.69	24	0
1.4	QPSK	1	3	22.60	22.62	22.67		
1.4	QPSK	1	5	22.67	22.71	22.66		
1.4	QPSK	3	0	22.64	22.67	22.57		
1.4	QPSK	3	1	22.46	22.57	22.63		
1.4	QPSK	3	3	22.54	22.67	22.59		
1.4	QPSK	6	0	21.75	21.70	21.66	23	1
1.4	16QAM	1	0	21.61	21.79	21.57	23	1
1.4	16QAM	1	3	21.48	21.67	21.54		
1.4	16QAM	1	5	21.51	21.52	21.52		
1.4	16QAM	3	0	21.70	21.65	21.63		
1.4	16QAM	3	1	21.54	21.65	21.51		
1.4	16QAM	3	3	21.34	21.61	21.42		
1.4	16QAM	6	0	20.81	20.76	20.65	22	2
1.4	64QAM	1	0	20.66	20.69	20.71	22	2
1.4	64QAM	1	3	20.46	20.71	20.49		
1.4	64QAM	1	5	20.46	20.47	20.51		
1.4	64QAM	3	0	20.74	20.67	20.53		
1.4	64QAM	3	1	20.58	20.59	20.63		
1.4	64QAM	3	3	20.32	20.59	20.37		
1.4	64QAM	6	0	19.67	19.73	19.57	21	3
1.4	256QAM	1	0	17.86	17.84	17.70	19	5
1.4	256QAM	1	3	17.73	17.72	17.65		
1.4	256QAM	1	5	17.54	17.66	17.61		
1.4	256QAM	3	0	17.52	17.80	17.60		
1.4	256QAM	3	1	17.60	17.70	17.59		
1.4	256QAM	3	3	17.39	17.62	17.55		
1.4	256QAM	6	0	17.55	17.41	17.49	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.38	21.41	21.35	23	0
20	QPSK	1	49	21.36	21.36	21.25		
20	QPSK	1	99	21.39	21.36	21.35		
20	QPSK	50	0	20.34	20.42	20.41	22	1
20	QPSK	50	24	20.38	20.31	20.24		
20	QPSK	50	50	20.35	20.39	20.37		
20	QPSK	100	0	20.33	20.40	20.34		
20	16QAM	1	0	20.35	20.35	20.31	22	1
20	16QAM	1	49	20.37	20.31	20.25		
20	16QAM	1	99	20.35	20.31	20.37		
20	16QAM	50	0	19.32	19.36	19.43	21	2
20	16QAM	50	24	19.39	19.32	19.26		
20	16QAM	50	50	19.36	19.45	19.37		
20	16QAM	100	0	19.35	19.36	19.40		
20	64QAM	1	0	19.35	19.37	19.30	21	2
20	64QAM	1	49	19.42	19.29	19.29		
20	64QAM	1	99	19.36	19.28	19.31		
20	64QAM	50	0	18.34	18.42	18.38	20	3
20	64QAM	50	24	18.40	18.37	18.22		
20	64QAM	50	50	18.31	18.40	18.31		
20	64QAM	100	0	18.27	18.41	18.33		
20	256QAM	1	0	16.39	16.39	16.46	18	5
20	256QAM	1	49	16.42	16.32	16.23		
20	256QAM	1	99	16.32	16.35	16.38		
20	256QAM	50	0	16.37	16.34	16.33	18	5
20	256QAM	50	24	16.37	16.37	16.32		
20	256QAM	50	50	16.35	16.27	16.21		
20	256QAM	100	0	16.30	16.26	16.36		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	21.23	21.37	21.22	23	0
15	QPSK	1	37	21.29	21.31	21.18		
15	QPSK	1	74	21.29	21.31	21.31		
15	QPSK	36	0	20.21	20.37	20.31	22	1
15	QPSK	36	20	20.24	20.20	20.15		
15	QPSK	36	39	20.27	20.34	20.30		
15	QPSK	75	0	20.29	20.27	20.30		
15	16QAM	1	0	20.29	20.26	20.27	22	1
15	16QAM	1	37	20.23	20.22	20.12		
15	16QAM	1	74	20.23	20.18	20.32		
15	16QAM	36	0	19.17	19.32	19.39	21	2
15	16QAM	36	20	19.27	19.27	19.13		
15	16QAM	36	39	19.26	19.32	19.32		
15	16QAM	75	0	19.24	19.31	19.26		
15	64QAM	1	0	19.28	19.31	19.19	21	2
15	64QAM	1	37	19.36	19.20	19.22		
15	64QAM	1	74	19.29	19.17	19.24		
15	64QAM	36	0	18.30	18.37	18.32	20	3
15	64QAM	36	20	18.30	18.23	18.15		
15	64QAM	36	39	18.23	18.37	18.27		
15	64QAM	75	0	18.21	18.33	18.26		
15	256QAM	1	0	16.31	16.28	16.35	18	5
15	256QAM	1	37	16.36	16.26	16.11		
15	256QAM	1	74	16.25	16.23	16.33		
15	256QAM	36	0	16.24	16.26	16.24	18	5
15	256QAM	36	20	16.28	16.31	16.27		
15	256QAM	36	39	16.29	16.15	16.10		
15	256QAM	75	0	16.23	16.18	16.25		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2570	2595	2615	(dBm)	(dB)
10	QPSK	1	0	21.27	21.28	21.23	23	0
10	QPSK	1	25	21.22	21.29	21.11		
10	QPSK	1	49	21.35	21.29	21.23		
10	QPSK	25	0	20.29	20.34	20.30	22	1
10	QPSK	25	12	20.29	20.16	20.10		
10	QPSK	25	25	20.25	20.27	20.29		
10	QPSK	50	0	20.22	20.36	20.24		
10	16QAM	1	0	20.23	20.23	20.21	22	1
10	16QAM	1	25	20.27	20.25	20.15		
10	16QAM	1	49	20.26	20.25	20.25		
10	16QAM	25	0	19.21	19.29	19.38	21	2
10	16QAM	25	12	19.33	19.28	19.12		
10	16QAM	25	25	19.23	19.40	19.28		
10	16QAM	50	0	19.30	19.28	19.29		
10	64QAM	1	0	19.24	19.23	19.20	21	2
10	64QAM	1	25	19.37	19.18	19.15		
10	64QAM	1	49	19.22	19.19	19.26		
10	64QAM	25	0	18.25	18.32	18.32	20	3
10	64QAM	25	12	18.35	18.34	18.13		
10	64QAM	25	25	18.19	18.35	18.22		
10	64QAM	50	0	18.17	18.33	18.30		
10	256QAM	1	0	16.25	16.31	16.41	18	5
10	256QAM	1	25	16.34	16.29	16.19		
10	256QAM	1	49	16.23	16.22	16.27		
10	256QAM	25	0	16.31	16.25	16.25	18	5
10	256QAM	25	12	16.31	16.23	16.29		
10	256QAM	25	25	16.28	16.21	16.18		
10	256QAM	50	0	16.25	16.21	16.30		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	21.29	21.37	21.22	23	0
5	QPSK	1	12	21.31	21.21	21.18		
5	QPSK	1	24	21.26	21.33	21.32		
5	QPSK	12	0	20.23	20.30	20.35	22	1
5	QPSK	12	7	20.32	20.26	20.20		
5	QPSK	12	13	20.26	20.34	20.23		
5	QPSK	25	0	20.28	20.28	20.20		
5	16QAM	1	0	20.20	20.28	20.20	22	1
5	16QAM	1	12	20.23	20.25	20.14		
5	16QAM	1	24	20.31	20.26	20.30		
5	16QAM	12	0	19.22	19.22	19.28	21	2
5	16QAM	12	7	19.30	19.23	19.11		
5	16QAM	12	13	19.27	19.32	19.33		
5	16QAM	25	0	19.21	19.28	19.36		
5	64QAM	1	0	19.25	19.29	19.17	21	2
5	64QAM	1	12	19.37	19.19	19.19		
5	64QAM	1	24	19.21	19.22	19.19		
5	64QAM	12	0	18.23	18.33	18.29	20	3
5	64QAM	12	7	18.29	18.28	18.12		
5	64QAM	12	13	18.21	18.31	18.26		
5	64QAM	25	0	18.19	18.37	18.27		
5	256QAM	1	0	16.25	16.30	16.31	18	5
5	256QAM	1	12	16.34	16.19	16.11		
5	256QAM	1	24	16.19	16.24	16.31		
5	256QAM	12	0	16.26	16.25	16.23	18	5
5	256QAM	12	7	16.32	16.34	16.17		
5	256QAM	12	13	16.30	16.19	16.11		
5	256QAM	25	0	16.20	16.23	16.27		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.35	24.38	24.32	26	0
20	QPSK	1	49	24.26	24.37	24.28		
20	QPSK	1	99	24.34	24.34	24.24		
20	QPSK	50	0	23.37	23.43	23.37	25	1
20	QPSK	50	24	23.20	23.39	23.34		
20	QPSK	50	50	23.32	23.37	23.25		
20	QPSK	100	0	23.35	23.40	23.37		
20	16QAM	1	0	23.34	23.38	23.36	25	1
20	16QAM	1	49	23.18	23.38	23.35		
20	16QAM	1	99	23.22	23.27	23.19		
20	16QAM	50	0	22.41	22.43	22.34	24	2
20	16QAM	50	24	22.26	22.40	22.39		
20	16QAM	50	50	22.26	22.32	22.21		
20	16QAM	100	0	22.34	22.34	22.32		
20	64QAM	1	0	22.29	22.39	22.41	24	2
20	64QAM	1	49	22.17	22.36	22.36		
20	64QAM	1	99	22.19	22.30	22.17		
20	64QAM	50	0	21.34	21.43	21.38	23	3
20	64QAM	50	24	21.18	21.42	21.28		
20	64QAM	50	50	21.38	21.39	21.22		
20	64QAM	100	0	21.39	21.43	21.33		
20	256QAM	1	0	19.41	19.49	19.36	21	5
20	256QAM	1	49	19.22	19.42	19.34		
20	256QAM	1	99	19.29	19.31	19.30		
20	256QAM	50	0	19.38	19.38	19.38	21	5
20	256QAM	50	24	19.35	19.40	19.41		
20	256QAM	50	50	19.22	19.33	19.33		
20	256QAM	100	0	19.28	19.24	19.19		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	24.28	24.31	24.26	26	0
15	QPSK	1	37	24.15	24.28	24.14		
15	QPSK	1	74	24.20	24.30	24.17		
15	QPSK	36	0	23.23	23.38	23.25	25	1
15	QPSK	36	20	23.08	23.36	23.23		
15	QPSK	36	39	23.27	23.23	23.16		
15	QPSK	75	0	23.31	23.33	23.23		
15	16QAM	1	0	23.28	23.24	23.21	25	1
15	16QAM	1	37	23.14	23.30	23.31		
15	16QAM	1	74	23.16	23.15	23.14		
15	16QAM	36	0	22.28	22.30	22.20	24	2
15	16QAM	36	20	22.20	22.27	22.30		
15	16QAM	36	39	22.14	22.26	22.09		
15	16QAM	75	0	22.28	22.28	22.25		
15	64QAM	1	0	22.23	22.29	22.32	24	2
15	64QAM	1	37	22.04	22.26	22.30		
15	64QAM	1	74	22.07	22.26	22.04		
15	64QAM	36	0	21.19	21.34	21.27	23	3
15	64QAM	36	20	21.06	21.32	21.14		
15	64QAM	36	39	21.26	21.32	21.13		
15	64QAM	75	0	21.33	21.33	21.25		
15	256QAM	1	0	19.31	19.40	19.27	21	5
15	256QAM	1	37	19.12	19.33	19.20		
15	256QAM	1	74	19.18	19.28	19.16		
15	256QAM	36	0	19.27	19.34	19.27	21	5
15	256QAM	36	20	19.30	19.31	19.33		
15	256QAM	36	39	19.18	19.28	19.26		
15	256QAM	75	0	19.17	19.10	19.15		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	24.24	24.24	24.21	26	0
10	QPSK	1	25	24.20	24.31	24.15		
10	QPSK	1	49	24.23	24.19	24.11		
10	QPSK	25	0	23.31	23.36	23.31	25	1
10	QPSK	25	12	23.09	23.28	23.20		
10	QPSK	25	25	23.18	23.32	23.21		
10	QPSK	50	0	23.20	23.27	23.24		
10	16QAM	1	0	23.30	23.30	23.26	25	1
10	16QAM	1	25	23.13	23.27	23.29		
10	16QAM	1	49	23.13	23.14	23.13		
10	16QAM	25	0	22.31	22.36	22.29	24	2
10	16QAM	25	12	22.12	22.28	22.25		
10	16QAM	25	25	22.13	22.19	22.10		
10	16QAM	50	0	22.26	22.19	22.19		
10	64QAM	1	0	22.17	22.29	22.35	24	2
10	64QAM	1	25	22.10	22.32	22.33		
10	64QAM	1	49	22.11	22.25	22.12		
10	64QAM	25	0	21.30	21.33	21.26	23	3
10	64QAM	25	12	21.13	21.28	21.20		
10	64QAM	25	25	21.35	21.26	21.11		
10	64QAM	50	0	21.30	21.30	21.24		
10	256QAM	1	0	19.38	19.37	19.32	21	5
10	256QAM	1	25	19.18	19.28	19.27		
10	256QAM	1	49	19.23	19.20	19.22		
10	256QAM	25	0	19.35	19.25	19.34	21	5
10	256QAM	25	12	19.27	19.30	19.35		
10	256QAM	25	25	19.12	19.21	19.23		
10	256QAM	50	0	19.13	19.14	19.13		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	24.23	24.27	24.29	26	0
5	QPSK	1	12	24.12	24.23	24.21		
5	QPSK	1	24	24.26	24.26	24.09		
5	QPSK	12	0	23.29	23.28	23.25	25	1
5	QPSK	12	7	23.06	23.33	23.26		
5	QPSK	12	13	23.28	23.26	23.17		
5	QPSK	25	0	23.24	23.33	23.31		
5	16QAM	1	0	23.28	23.33	23.33	25	1
5	16QAM	1	12	23.12	23.34	23.23		
5	16QAM	1	24	23.17	23.21	23.16		
5	16QAM	12	0	22.32	22.35	22.30	24	2
5	16QAM	12	7	22.22	22.29	22.31		
5	16QAM	12	13	22.16	22.25	22.15		
5	16QAM	25	0	22.28	22.22	22.24		
5	64QAM	1	0	22.17	22.24	22.28	24	2
5	64QAM	1	12	22.06	22.32	22.31		
5	64QAM	1	24	22.07	22.24	22.09		
5	64QAM	12	0	21.23	21.29	21.25	23	3
5	64QAM	12	7	21.13	21.39	21.17		
5	64QAM	12	13	21.27	21.33	21.18		
5	64QAM	25	0	21.28	21.39	21.22		
5	256QAM	1	0	19.29	19.45	19.32	21	5
5	256QAM	1	12	19.15	19.28	19.30		
5	256QAM	1	24	19.25	19.22	19.17		
5	256QAM	12	0	19.34	19.33	19.27	21	5
5	256QAM	12	7	19.27	19.34	19.28		
5	256QAM	12	13	19.10	19.20	19.23		
5	256QAM	25	0	19.19	19.15	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	21.46	21.49	21.52	21.48	21.44		
20	QPSK	1	49	21.40	21.47	21.40	21.31	21.43	23	0
20	QPSK	1	99	21.51	21.45	21.42	21.47	21.46		
20	QPSK	50	0	20.40	20.47	20.56	20.51	20.46		
20	QPSK	50	24	20.51	20.44	20.39	20.29	20.45	22	1
20	QPSK	50	50	20.44	20.39	20.53	20.47	20.50		
20	QPSK	100	0	20.40	20.39	20.47	20.44	20.41		
20	16QAM	1	0	20.46	20.42	20.45	20.40	20.42		
20	16QAM	1	49	20.44	20.42	20.44	20.33	20.48	22	1
20	16QAM	1	99	20.45	20.46	20.38	20.49	20.44		
20	16QAM	50	0	19.45	19.39	19.42	19.50	19.36		
20	16QAM	50	24	19.47	19.46	19.37	19.31	19.52	21	2
20	16QAM	50	50	19.45	19.41	19.53	19.40	19.41		
20	16QAM	100	0	19.43	19.42	19.45	19.53	19.47		
20	64QAM	1	0	19.41	19.49	19.45	19.37	19.47		
20	64QAM	1	49	19.56	19.55	19.40	19.42	19.52	21	2
20	64QAM	1	99	19.44	19.50	19.41	19.43	19.40		
20	64QAM	50	0	18.41	18.48	18.46	18.52	18.41		
20	64QAM	50	24	18.50	18.48	18.42	18.29	18.55	20	3
20	64QAM	50	50	18.41	18.36	18.51	18.42	18.45		
20	64QAM	100	0	18.31	18.33	18.45	18.46	18.37		
20	256QAM	1	0	16.45	16.44	16.51	16.55	16.45		
20	256QAM	1	49	16.53	16.56	16.38	16.26	16.50	18	5
20	256QAM	1	99	16.36	16.45	16.40	16.44	16.36		
20	256QAM	50	0	16.42	16.49	16.48	16.44	16.42		
20	256QAM	50	24	16.46	16.44	16.48	16.37	16.42	18	5
20	256QAM	50	50	16.39	16.39	16.37	16.32	16.44		
20	256QAM	100	0	16.39	16.33	16.40	16.47	16.38		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	21.41	21.46	21.46	21.40	21.38		
15	QPSK	1	37	21.35	21.39	21.29	21.30	21.33	23.00	0
15	QPSK	1	74	21.50	21.44	21.35	21.42	21.42		
15	QPSK	36	0	20.35	20.41	20.49	20.46	20.41		
15	QPSK	36	20	20.46	20.37	20.32	20.27	20.38	22	1
15	QPSK	36	39	20.36	20.33	20.45	20.48	20.44		
15	QPSK	75	0	20.40	20.36	20.41	20.44	20.34		
15	16QAM	1	0	20.45	20.33	20.40	20.32	20.31		
15	16QAM	1	37	20.36	20.35	20.40	20.29	20.38	22	1
15	16QAM	1	74	20.34	20.36	20.37	20.48	20.42		
15	16QAM	36	0	19.39	19.38	19.37	19.45	19.30		
15	16QAM	36	20	19.42	19.41	19.28	19.22	19.51	21	2
15	16QAM	36	39	19.42	19.39	19.50	19.31	19.32		
15	16QAM	75	0	19.42	19.35	19.39	19.42	19.44		
15	64QAM	1	0	19.36	19.42	19.42	19.31	19.41		
15	64QAM	1	37	19.57	19.51	19.30	19.37	19.49	21	2
15	64QAM	1	74	19.36	19.48	19.37	19.42	19.37		
15	64QAM	36	0	18.38	18.47	18.38	18.46	18.40		
15	64QAM	36	20	18.46	18.40	18.33	18.25	18.52	20	3
15	64QAM	36	39	18.39	18.32	18.52	18.41	18.36		
15	64QAM	75	0	18.20	18.24	18.40	18.36	18.29		
15	256QAM	1	0	16.41	16.41	16.51	16.46	16.43		
15	256QAM	1	37	16.45	16.50	16.36	16.24	16.43	18	5
15	256QAM	1	74	16.35	16.39	16.38	16.42	16.26		
15	256QAM	36	0	16.32	16.41	16.42	16.36	16.38		
15	256QAM	36	20	16.47	16.37	16.43	16.36	16.43	18	5
15	256QAM	36	39	16.34	16.36	16.35	16.27	16.40		
15	256QAM	75	0	16.39	16.26	16.39	16.38	16.38		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	21.37	21.42	21.50	21.46	21.43		
10	QPSK	1	25	21.30	21.38	21.35	21.28	21.41	23.00	0
10	QPSK	1	49	21.44	21.39	21.33	21.46	21.36		
10	QPSK	25	0	20.29	20.45	20.48	20.51	20.40		
10	QPSK	25	12	20.45	20.36	20.40	20.21	20.45	22	1
10	QPSK	25	25	20.34	20.36	20.52	20.44	20.42		
10	QPSK	50	0	20.30	20.34	20.39	20.37	20.36		
10	16QAM	1	0	20.47	20.34	20.44	20.39	20.42		
10	16QAM	1	25	20.43	20.43	20.35	20.28	20.49	22	1
10	16QAM	1	49	20.36	20.41	20.29	20.48	20.37		
10	16QAM	25	0	19.38	19.35	19.35	19.45	19.31		
10	16QAM	25	12	19.44	19.38	19.30	19.24	19.41	21	2
10	16QAM	25	25	19.42	19.42	19.52	19.32	19.42		
10	16QAM	50	0	19.33	19.43	19.45	19.48	19.37		
10	64QAM	1	0	19.35	19.40	19.36	19.28	19.40		
10	64QAM	1	25	19.57	19.50	19.37	19.31	19.50	21	2
10	64QAM	1	49	19.39	19.50	19.38	19.35	19.36		
10	64QAM	25	0	18.36	18.43	18.44	18.47	18.41		
10	64QAM	25	12	18.49	18.46	18.43	18.28	18.51	20	3
10	64QAM	25	25	18.35	18.25	18.42	18.33	18.44		
10	64QAM	50	0	18.28	18.31	18.45	18.45	18.31		
10	256QAM	1	0	16.44	16.36	16.45	16.45	16.43		
10	256QAM	1	25	16.54	16.51	16.38	16.26	16.50	18	5
10	256QAM	1	49	16.30	16.37	16.38	16.35	16.27		
10	256QAM	25	0	16.43	16.46	16.41	16.41	16.38		
10	256QAM	25	12	16.37	16.39	16.42	16.30	16.33	18	5
10	256QAM	25	25	16.30	16.40	16.33	16.21	16.40		
10	256QAM	50	0	16.30	16.27	16.31	16.46	16.28		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	(dBm)	(dB)
5	QPSK	1	0	21.37	21.39	21.48	21.40	21.39		
5	QPSK	1	12	21.37	21.45	21.33	21.25	21.37	23.00	0
5	QPSK	1	24	21.50	21.40	21.43	21.44	21.36		
5	QPSK	12	0	20.37	20.46	20.56	20.50	20.42		
5	QPSK	12	7	20.49	20.37	20.39	20.28	20.45	22	1
5	QPSK	12	13	20.39	20.31	20.53	20.48	20.47		
5	QPSK	25	0	20.37	20.40	20.37	20.40	20.40		
5	16QAM	1	0	20.36	20.35	20.43	20.38	20.31		
5	16QAM	1	12	20.37	20.34	20.41	20.30	20.43	22	1
5	16QAM	1	24	20.39	20.44	20.29	20.40	20.42		
5	16QAM	12	0	19.34	19.37	19.40	19.44	19.33		
5	16QAM	12	7	19.44	19.39	19.34	19.24	19.44	21	2
5	16QAM	12	13	19.36	19.40	19.43	19.32	19.41		
5	16QAM	25	0	19.43	19.36	19.36	19.50	19.38		
5	64QAM	1	0	19.38	19.44	19.35	19.27	19.46		
5	64QAM	1	12	19.52	19.50	19.38	19.39	19.45	21	2
5	64QAM	1	24	19.41	19.45	19.39	19.39	19.37		
5	64QAM	12	0	18.37	18.38	18.46	18.53	18.38		
5	64QAM	12	7	18.51	18.46	18.37	18.30	18.52	20	3
5	64QAM	12	13	18.38	18.27	18.44	18.35	18.35		
5	64QAM	25	0	18.25	18.26	18.45	18.39	18.30		
5	256QAM	1	0	16.43	16.40	16.44	16.45	16.44		
5	256QAM	1	12	16.45	16.48	16.30	16.25	16.45	18	5
5	256QAM	1	24	16.34	16.43	16.33	16.43	16.27		
5	256QAM	12	0	16.39	16.46	16.41	16.44	16.42		
5	256QAM	12	7	16.36	16.38	16.42	16.33	16.35	18	5
5	256QAM	12	13	16.36	16.32	16.34	16.27	16.34		
5	256QAM	25	0	16.38	16.23	16.35	16.46	16.28		

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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	24.44	24.52	24.55	24.44	24.42		
20	QPSK	1	49	24.34	24.42	24.42	24.32	24.43	26	0
20	QPSK	1	99	24.45	24.48	24.42	24.42	24.49		
20	QPSK	50	0	23.42	23.52	23.61	23.55	23.51		
20	QPSK	50	24	23.47	23.42	23.42	23.27	23.48	25	1
20	QPSK	50	50	23.47	23.36	23.48	23.42	23.45		
20	QPSK	100	0	23.43	23.45	23.48	23.38	23.36		
20	16QAM	1	0	23.44	23.46	23.47	23.41	23.40		
20	16QAM	1	49	23.43	23.44	23.45	23.30	23.45	25	1
20	16QAM	1	99	23.43	23.46	23.37	23.48	23.46		
20	16QAM	50	0	22.45	22.34	22.44	22.55	22.31		
20	16QAM	50	24	22.43	22.51	22.34	22.35	22.47	24	2
20	16QAM	50	50	22.46	22.41	22.49	22.42	22.42		
20	16QAM	100	0	22.44	22.46	22.44	22.57	22.42		
20	64QAM	1	0	22.37	22.52	22.49	22.35	22.44		
20	64QAM	1	49	22.57	22.54	22.41	22.42	22.56	24	2
20	64QAM	1	99	22.40	22.50	22.39	22.40	22.38		
20	64QAM	50	0	21.36	21.43	21.45	21.55	21.44		
20	64QAM	50	24	21.52	21.48	21.39	21.27	21.59	23	3
20	64QAM	50	50	21.42	21.42	21.57	21.40	21.46		
20	64QAM	100	0	21.27	21.34	21.45	21.46	21.43		
20	256QAM	1	0	19.42	19.41	19.47	19.52	19.43		
20	256QAM	1	49	19.59	19.53	19.43	19.30	19.45	21	5
20	256QAM	1	99	19.36	19.49	19.43	19.44	19.37		
20	256QAM	50	0	19.40	19.54	19.44	19.38	19.47		
20	256QAM	50	24	19.45	19.40	19.51	19.32	19.37	21	5
20	256QAM	50	50	19.45	19.45	19.37	19.37	19.38		
20	256QAM	100	0	19.42	19.33	19.39	19.46	19.34		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	24.39	24.48	24.41	24.32	24.27		
15	QPSK	1	37	24.24	24.33	24.27	24.22	24.35	26.00	0
15	QPSK	1	74	24.30	24.34	24.29	24.35	24.38		
15	QPSK	36	0	23.37	23.45	23.57	23.51	23.39		
15	QPSK	36	20	23.39	23.37	23.39	23.19	23.33	25	1
15	QPSK	36	39	23.36	23.30	23.38	23.28	23.32		
15	QPSK	75	0	23.35	23.31	23.42	23.29	23.25		
15	16QAM	1	0	23.36	23.41	23.33	23.32	23.27		
15	16QAM	1	37	23.30	23.32	23.37	23.20	23.36	25	1
15	16QAM	1	74	23.36	23.34	23.27	23.40	23.32		
15	16QAM	36	0	22.31	22.23	22.35	22.52	22.22		
15	16QAM	36	20	22.40	22.37	22.23	22.23	22.35	24	2
15	16QAM	36	39	22.32	22.26	22.42	22.28	22.31		
15	16QAM	75	0	22.33	22.36	22.35	22.49	22.29		
15	64QAM	1	0	22.23	22.38	22.36	22.27	22.38		
15	64QAM	1	37	22.49	22.43	22.27	22.32	22.44	24	2
15	64QAM	1	74	22.36	22.36	22.24	22.33	22.32		
15	64QAM	36	0	21.27	21.40	21.34	21.41	21.38		
15	64QAM	36	20	21.38	21.36	21.35	21.21	21.53	23	3
15	64QAM	36	39	21.37	21.37	21.42	21.34	21.34		
15	64QAM	75	0	21.21	21.26	21.31	21.34	21.36		
15	256QAM	1	0	19.34	19.37	19.38	19.38	19.29		
15	256QAM	1	37	19.55	19.47	19.31	19.21	19.39	21	5
15	256QAM	1	74	19.24	19.42	19.30	19.30	19.29		
15	256QAM	36	0	19.29	19.39	19.39	19.33	19.40		
15	256QAM	36	20	19.31	19.27	19.39	19.19	19.24	21	5
15	256QAM	36	39	19.39	19.37	19.26	19.26	19.35		
15	256QAM	75	0	19.38	19.29	19.29	19.42	19.23		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	24.41	24.49	24.46	24.36	24.35		
10	QPSK	1	25	24.20	24.37	24.38	24.21	24.34	26.00	0
10	QPSK	1	49	24.41	24.40	24.34	24.33	24.36		
10	QPSK	25	0	23.32	23.45	23.56	23.49	23.39		
10	QPSK	25	12	23.43	23.37	23.33	23.15	23.36	25	1
10	QPSK	25	25	23.41	23.26	23.43	23.35	23.34		
10	QPSK	50	0	23.30	23.39	23.39	23.31	23.24		
10	16QAM	1	0	23.33	23.34	23.40	23.35	23.27		
10	16QAM	1	25	23.28	23.35	23.41	23.17	23.35	25	1
10	16QAM	1	49	23.33	23.43	23.24	23.42	23.41		
10	16QAM	25	0	22.41	22.23	22.29	22.43	22.25		
10	16QAM	25	12	22.35	22.48	22.22	22.22	22.40	24	2
10	16QAM	25	25	22.38	22.36	22.36	22.28	22.35		
10	16QAM	50	0	22.32	22.39	22.30	22.45	22.31		
10	64QAM	1	0	22.26	22.38	22.40	22.28	22.38		
10	64QAM	1	25	22.50	22.40	22.35	22.34	22.49	24	2
10	64QAM	1	49	22.35	22.43	22.29	22.30	22.23		
10	64QAM	25	0	21.25	21.34	21.39	21.48	21.37		
10	64QAM	25	12	21.38	21.42	21.30	21.16	21.44	23	3
10	64QAM	25	25	21.27	21.27	21.53	21.27	21.40		
10	64QAM	50	0	21.15	21.22	21.33	21.35	21.38		
10	256QAM	1	0	19.31	19.35	19.37	19.43	19.36		
10	256QAM	1	25	19.52	19.40	19.35	19.20	19.37	21	5
10	256QAM	1	49	19.31	19.36	19.29	19.34	19.25		
10	256QAM	25	0	19.35	19.43	19.30	19.27	19.37		
10	256QAM	25	12	19.33	19.31	19.37	19.29	19.30	21	5
10	256QAM	25	25	19.34	19.37	19.29	19.30	19.24		
10	256QAM	50	0	19.36	19.24	19.35	19.42	19.22		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	(dBm)	(dB)
5	QPSK	1	0	24.35	24.39	24.50	24.38	24.31		
5	QPSK	1	12	24.22	24.37	24.33	24.20	24.31	26.00	0
5	QPSK	1	24	24.34	24.35	24.37	24.36	24.42		
5	QPSK	12	0	23.37	23.38	23.57	23.43	23.42		
5	QPSK	12	7	23.40	23.32	23.31	23.23	23.34	25	1
5	QPSK	12	13	23.40	23.29	23.36	23.29	23.38		
5	QPSK	25	0	23.36	23.34	23.38	23.29	23.31		
5	16QAM	1	0	23.30	23.36	23.36	23.38	23.31		
5	16QAM	1	12	23.34	23.37	23.32	23.22	23.34	25	1
5	16QAM	1	24	23.35	23.32	23.28	23.43	23.38		
5	16QAM	12	0	22.34	22.29	22.38	22.47	22.18		
5	16QAM	12	7	22.31	22.41	22.30	22.31	22.37	24	2
5	16QAM	12	13	22.40	22.30	22.38	22.35	22.29		
5	16QAM	25	0	22.31	22.38	22.36	22.53	22.37		
5	64QAM	1	0	22.28	22.47	22.43	22.32	22.38		
5	64QAM	1	12	22.49	22.50	22.33	22.28	22.51	24	2
5	64QAM	1	24	22.35	22.42	22.32	22.33	22.35		
5	64QAM	12	0	21.27	21.28	21.35	21.46	21.32		
5	64QAM	12	7	21.48	21.43	21.29	21.19	21.48	23	3
5	64QAM	12	13	21.37	21.34	21.53	21.33	21.31		
5	64QAM	25	0	21.22	21.23	21.40	21.37	21.39		
5	256QAM	1	0	19.36	19.37	19.37	19.38	19.32		
5	256QAM	1	12	19.55	19.47	19.34	19.24	19.32	21	5
5	256QAM	1	24	19.33	19.42	19.28	19.31	19.26		
5	256QAM	12	0	19.32	19.43	19.36	19.32	19.32		
5	256QAM	12	7	19.41	19.33	19.46	19.19	19.33	21	5
5	256QAM	12	13	19.33	19.42	19.33	19.25	19.31		
5	256QAM	25	0	19.33	19.21	19.34	19.35	19.30		

GSM850 Ant 1 DS2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.11	30.26	30.28	31.50	21.11	21.26	21.28	22.50
GPRS 1 Tx slot	29.96	30.13	30.23	31.50	20.96	21.13	21.23	22.50
GPRS 2 Tx slots	27.28	27.32	27.25	28.50	21.28	21.32	21.25	22.50
GPRS 3 Tx slots	25.57	25.81	25.66	26.70	21.31	21.55	21.40	22.44
GPRS 4 Tx slots	24.23	24.51	24.41	25.50	21.23	21.51	21.41	22.50
EDGE 1 Tx slot	26.12	26.15	26.12	27.00	17.12	17.15	17.12	18.00
EDGE 2 Tx slots	25.01	25.03	24.94	26.00	19.01	19.03	18.94	20.00
EDGE 3 Tx slots	23.40	23.48	23.54	24.50	19.14	19.22	19.28	20.24
EDGE 4 Tx slots	21.48	21.72	21.69	22.50	18.48	18.72	18.69	19.50

GSM1900 Ant 1 DS2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	23.38	23.62	23.39	24.60	14.38	14.62	14.39	15.60
GPRS 1 Tx slot	23.29	23.56	23.28	24.60	14.29	14.56	14.28	15.60
GPRS 2 Tx slots	20.15	20.62	20.50	21.60	14.15	14.62	14.50	15.69
GPRS 3 Tx slots	18.76	18.50	18.48	19.80	14.50	14.24	14.22	15.54
GPRS 4 Tx slots	17.61	17.69	17.62	18.60	14.61	14.69	14.62	15.60
EDGE 1 Tx slot	23.56	23.52	23.41	24.50	14.56	14.52	14.41	15.50
EDGE 2 Tx slots	21.00	20.81	20.74	21.60	15.00	14.81	14.74	15.60
EDGE 3 Tx slots	18.50	18.57	18.40	19.80	14.24	14.31	14.14	15.54
EDGE 4 Tx slots	17.56	17.60	17.46	18.60	14.56	14.60	14.46	15.60

Band		WCDMA II Ant 1 DS2			Tune-up Limit (dBm)	WCDMA IV Ant 1 DS2			Tune-up Limit (dBm)	WCDMA V Ant 1 DS2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	13.70	13.74	13.68	14.70	13.92	14.01	13.97	15.30	19.92	19.96	19.93	21.00
3GPP Rel 99	RMC 12.2Kbps	13.73	13.80	13.75	14.70	13.98	14.04	14.00	15.30	19.95	20.01	19.98	21.00
3GPP Rel 6	HSDPA Subtest-1	12.71	12.73	12.73	13.70	13.04	13.09	12.95	14.30	18.91	19.06	18.95	20.00
3GPP Rel 6	HSDPA Subtest-2	12.76	12.74	12.80	13.70	12.94	13.08	12.96	14.30	18.89	18.96	19.01	20.00
3GPP Rel 6	HSDPA Subtest-3	13.29	13.25	13.23	13.20	12.43	12.58	12.51	13.80	18.48	18.56	18.46	19.50
3GPP Rel 6	HSDPA Subtest-4	13.25	13.31	13.27	13.20	12.54	12.58	12.53	13.80	18.43	18.48	18.51	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	12.73	12.75	12.67	13.70	12.95	13.00	13.03	14.30	19.01	18.98	18.92	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	12.70	12.76	12.76	13.70	13.00	13.01	12.97	14.30	18.92	19.00	19.00	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	13.21	13.30	13.25	13.20	12.46	12.55	12.44	13.80	18.42	18.53	18.45	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	13.28	13.26	13.28	13.20	12.47	12.53	12.47	13.80	18.41	18.55	18.46	19.50
3GPP Rel 6	HSUPA Subtest-1	12.71	12.72	12.72	13.70	12.97	13.10	13.04	14.30	19.00	19.02	18.98	20.00
3GPP Rel 6	HSUPA Subtest-2	10.74	10.84	10.71	11.70	11.03	11.08	11.03	12.30	16.95	17.06	16.93	18.00
3GPP Rel 6	HSUPA Subtest-3	11.77	11.83	11.70	12.70	11.96	12.00	11.95	13.30	17.97	18.06	18.03	19.00
3GPP Rel 6	HSUPA Subtest-4	10.71	10.78	10.69	11.70	11.03	11.08	11.04	12.30	16.97	17.01	17.01	18.00
3GPP Rel 6	HSUPA Subtest-5	12.69	12.76	12.75	13.70	13.00	13.05	13.02	14.30	18.97	18.96	18.92	20.00

Band 2 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	13.41	13.50	13.45	14.8	0
20	QPSK	1	49	13.36	13.49	13.34		
20	QPSK	1	99	13.41	13.42	13.35		
20	QPSK	50	0	13.34	13.44	13.34		
20	QPSK	50	24	13.28	13.39	13.31		
20	QPSK	50	50	13.31	13.33	13.22		
20	QPSK	100	0	13.38	13.42	13.33		
20	16QAM	1	0	13.38	13.40	13.45		
20	16QAM	1	49	13.34	13.40	13.28	14.8	0
20	16QAM	1	99	13.40	13.44	13.26		
20	16QAM	50	0	13.32	13.42	13.31		
20	16QAM	50	24	13.25	13.31	13.30	14.8	0
20	16QAM	50	50	13.20	13.27	13.22		
20	16QAM	100	0	13.29	13.40	13.25		
20	64QAM	1	0	13.34	13.47	13.36		
20	64QAM	1	49	13.27	13.48	13.25	14.8	0
20	64QAM	1	99	13.34	13.40	13.32		
20	64QAM	50	0	13.24	13.36	13.26		
20	64QAM	50	24	13.23	13.34	13.23	14.8	0
20	64QAM	50	50	13.30	13.26	13.15		
20	64QAM	100	0	13.29	13.34	13.31		
20	256QAM	1	0	13.32	13.39	13.39		
20	256QAM	1	49	13.31	13.43	13.29	14.8	0
20	256QAM	1	99	13.33	13.43	13.25		
20	256QAM	50	0	13.28	13.42	13.32		
20	256QAM	50	24	13.25	13.36	13.28	14.8	0
20	256QAM	50	50	13.22	13.30	13.21		
20	256QAM	100	0	13.31	13.31	13.25		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	13.35	13.40	13.41		
15	QPSK	1	37	13.35	13.46	13.33	14.8	0
15	QPSK	1	74	13.35	13.46	13.28		
15	QPSK	36	0	13.23	13.35	13.25		
15	QPSK	36	20	13.20	13.37	13.30	14.8	0
15	QPSK	36	39	13.21	13.28	13.19		
15	QPSK	75	0	13.36	13.39	13.32		
15	16QAM	1	0	13.38	13.32	13.41		
15	16QAM	1	37	13.27	13.30	13.28	14.8	0
15	16QAM	1	74	13.37	13.44	13.17		
15	16QAM	36	0	13.23	13.33	13.26		
15	16QAM	36	20	13.21	13.27	13.31	14.8	0
15	16QAM	36	39	13.20	13.20	13.13		
15	16QAM	75	0	13.30	13.32	13.20		
15	64QAM	1	0	13.28	13.43	13.34		
15	64QAM	1	37	13.26	13.40	13.19	14.8	0
15	64QAM	1	74	13.25	13.33	13.24		
15	64QAM	36	0	13.22	13.28	13.24		
15	64QAM	36	20	13.17	13.26	13.11	14.8	0
15	64QAM	36	39	13.21	13.25	13.15		
15	64QAM	75	0	13.21	13.32	13.22		
15	256QAM	1	0	13.27	13.32	13.33		
15	256QAM	1	37	13.26	13.39	13.23	14.8	0
15	256QAM	1	74	13.33	13.41	13.18		
15	256QAM	36	0	13.20	13.32	13.32		
15	256QAM	36	20	13.20	13.31	13.25	14.8	0
15	256QAM	36	39	13.15	13.25	13.13		
15	256QAM	75	0	13.28	13.21	13.23		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	13.36	13.42	13.45		
10	QPSK	1	25	13.26	13.43	13.26	14.8	0
10	QPSK	1	49	13.30	13.43	13.31		
10	QPSK	25	0	13.23	13.40	13.35		
10	QPSK	25	12	13.18	13.33	13.26	14.8	0
10	QPSK	25	25	13.23	13.33	13.21		
10	QPSK	50	0	13.36	13.39	13.23		
10	16QAM	1	0	13.29	13.38	13.35		
10	16QAM	1	25	13.35	13.32	13.26	14.8	0
10	16QAM	1	49	13.33	13.44	13.16		
10	16QAM	25	0	13.27	13.34	13.27		
10	16QAM	25	12	13.16	13.30	13.25	14.8	0
10	16QAM	25	25	13.16	13.27	13.20		
10	16QAM	50	0	13.18	13.34	13.17		
10	64QAM	1	0	13.32	13.44	13.28		
10	64QAM	1	25	13.18	13.40	13.22	14.8	0
10	64QAM	1	49	13.32	13.33	13.27		
10	64QAM	25	0	13.23	13.33	13.21		
10	64QAM	25	12	13.17	13.28	13.19	14.8	0
10	64QAM	25	25	13.31	13.20	13.04		
10	64QAM	50	0	13.19	13.29	13.23		
10	256QAM	1	0	13.32	13.40	13.37		
10	256QAM	1	25	13.28	13.41	13.20	14.8	0
10	256QAM	1	49	13.29	13.37	13.22		
10	256QAM	25	0	13.27	13.37	13.30		
10	256QAM	25	12	13.21	13.36	13.24	14.8	0
10	256QAM	25	25	13.16	13.24	13.22		
10	256QAM	50	0	13.24	13.29	13.16		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	13.30	13.40	13.39		
5	QPSK	1	12	13.34	13.46	13.30	14.8	0
5	QPSK	1	24	13.39	13.43	13.27		
5	QPSK	12	0	13.23	13.42	13.32		
5	QPSK	12	7	13.24	13.34	13.25	14.8	0
5	QPSK	12	13	13.22	13.29	13.18		
5	QPSK	25	0	13.27	13.38	13.26		
5	16QAM	1	0	13.34	13.32	13.35		
5	16QAM	1	12	13.34	13.39	13.25	14.8	0
5	16QAM	1	24	13.30	13.44	13.22		
5	16QAM	12	0	13.22	13.33	13.30		
5	16QAM	12	7	13.19	13.22	13.25	14.8	0
5	16QAM	12	13	13.19	13.26	13.19		
5	16QAM	25	0	13.29	13.40	13.18		
5	64QAM	1	0	13.31	13.41	13.31		
5	64QAM	1	12	13.17	13.43	13.20	14.8	0
5	64QAM	1	24	13.34	13.31	13.33		
5	64QAM	12	0	13.15	13.36	13.22		
5	64QAM	12	7	13.15	13.29	13.13	14.8	0
5	64QAM	12	13	13.22	13.16	13.05		
5	64QAM	25	0	13.30	13.29	13.25		
5	256QAM	1	0	13.29	13.31	13.29		
5	256QAM	1	12	13.23	13.44	13.21	14.8	0
5	256QAM	1	24	13.31	13.39	13.21		
5	256QAM	12	0	13.18	13.38	13.27		
5	256QAM	12	7	13.16	13.29	13.22	14.8	0
5	256QAM	12	13	13.19	13.24	13.19		
5	256QAM	25	0	13.28	13.21	13.21		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.39	13.44	13.36		
3	QPSK	1	8	13.31	13.42	13.31	14.8	0
3	QPSK	1	14	13.37	13.46	13.31		
3	QPSK	8	0	13.30	13.36	13.24		
3	QPSK	8	4	13.21	13.33	13.32	14.8	0
3	QPSK	8	7	13.24	13.27	13.15		
3	QPSK	15	0	13.31	13.32	13.30		
3	16QAM	1	0	13.35	13.32	13.41		
3	16QAM	1	8	13.30	13.39	13.27	14.8	0
3	16QAM	1	14	13.34	13.37	13.19		
3	16QAM	8	0	13.22	13.35	13.21		
3	16QAM	8	4	13.21	13.24	13.26	14.8	0
3	16QAM	8	7	13.16	13.18	13.14		
3	16QAM	15	0	13.27	13.38	13.22		
3	64QAM	1	0	13.24	13.38	13.36		
3	64QAM	1	8	13.28	13.47	13.20	14.8	0
3	64QAM	1	14	13.30	13.37	13.32		
3	64QAM	8	0	13.19	13.27	13.25		
3	64QAM	8	4	13.22	13.34	13.19	14.8	0
3	64QAM	8	7	13.30	13.16	13.12		
3	64QAM	15	0	13.30	13.33	13.30		
3	256QAM	1	0	13.24	13.36	13.38		
3	256QAM	1	8	13.22	13.35	13.19	14.8	0
3	256QAM	1	14	13.23	13.35	13.16		
3	256QAM	8	0	13.25	13.40	13.30		
3	256QAM	8	4	13.25	13.36	13.23	14.8	0
3	256QAM	8	7	13.12	13.22	13.11		
3	256QAM	15	0	13.21	13.28	13.18		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.34	13.41	13.38		
1.4	QPSK	1	3	13.30	13.41	13.27		
1.4	QPSK	1	5	13.38	13.39	13.33	14.8	0
1.4	QPSK	3	0	13.33	13.44	13.31		
1.4	QPSK	3	1	13.19	13.39	13.21		
1.4	QPSK	3	3	13.22	13.30	13.20		
1.4	QPSK	6	0	13.35	13.42	13.23	14.8	0
1.4	16QAM	1	0	13.38	13.30	13.44		
1.4	16QAM	1	3	13.29	13.39	13.24		
1.4	16QAM	1	5	13.41	13.35	13.24	14.8	0
1.4	16QAM	3	0	13.24	13.37	13.26		
1.4	16QAM	3	1	13.25	13.22	13.31		
1.4	16QAM	3	3	13.14	13.16	13.16		
1.4	16QAM	6	0	13.23	13.30	13.23	14.8	0
1.4	64QAM	1	0	13.29	13.47	13.36		
1.4	64QAM	1	3	13.18	13.40	13.22		
1.4	64QAM	1	5	13.30	13.35	13.23	14.8	0
1.4	64QAM	3	0	13.15	13.31	13.22		
1.4	64QAM	3	1	13.13	13.34	13.18		
1.4	64QAM	3	3	13.23	13.18	13.08		
1.4	64QAM	6	0	13.24	13.23	13.26	14.8	0
1.4	256QAM	1	0	13.26	13.29	13.31		
1.4	256QAM	1	3	13.23	13.42	13.26		
1.4	256QAM	1	5	13.33	13.33	13.26	14.8	0
1.4	256QAM	3	0	13.24	13.36	13.31		
1.4	256QAM	3	1	13.24	13.26	13.25		
1.4	256QAM	3	3	13.17	13.21	13.10		
1.4	256QAM	6	0	13.23	13.25	13.17	14.8	0

Band 4 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	14.98	15.06	14.99		
20	QPSK	1	49	14.92	15.01	14.87	16.3	0
20	QPSK	1	99	14.93	15.01	14.89		
20	QPSK	50	0	14.86	15.03	14.95		
20	QPSK	50	24	14.91	14.94	14.96	16.3	0
20	QPSK	50	50	14.90	14.92	14.84		
20	QPSK	100	0	14.89	15.04	14.92		
20	16QAM	1	0	14.95	14.93	14.95		
20	16QAM	1	49	14.83	14.84	14.78	16.3	0
20	16QAM	1	99	14.84	15.00	14.84		
20	16QAM	50	0	14.72	14.94	14.89		
20	16QAM	50	24	14.80	14.95	14.82	16.3	0
20	16QAM	50	50	14.85	14.94	14.77		
20	16QAM	100	0	14.85	14.97	14.89		
20	64QAM	1	0	14.88	14.94	14.82		
20	64QAM	1	49	14.85	14.87	14.78	16.3	0
20	64QAM	1	99	14.71	14.96	14.82		
20	64QAM	50	0	14.79	14.90	14.88		
20	64QAM	50	24	14.86	14.83	14.83	16.3	0
20	64QAM	50	50	14.81	14.93	14.80		
20	64QAM	100	0	14.87	14.89	14.88		
20	256QAM	1	0	14.88	14.90	14.85		
20	256QAM	1	49	14.76	14.96	14.90	16.3	0
20	256QAM	1	99	14.79	14.92	14.91		
20	256QAM	50	0	14.84	14.93	14.97		
20	256QAM	50	24	14.90	14.88	14.95	16.3	0
20	256QAM	50	50	14.82	14.83	14.86		
20	256QAM	100	0	14.81	14.87	14.84		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.88	15.03	14.99		
15	QPSK	1	37	14.86	14.95	14.87	16.3	0
15	QPSK	1	74	14.87	14.93	14.95		
15	QPSK	36	0	14.81	14.94	14.92		
15	QPSK	36	20	14.81	14.88	14.93	16.3	0
15	QPSK	36	39	14.90	14.83	14.82		
15	QPSK	75	0	14.85	14.94	14.83		
15	16QAM	1	0	14.93	14.84	14.86		
15	16QAM	1	37	14.81	14.84	14.69	16.3	0
15	16QAM	1	74	14.83	15.01	14.76		
15	16QAM	36	0	14.68	14.86	14.88		
15	16QAM	36	20	14.76	14.87	14.74	16.3	0
15	16QAM	36	39	14.79	14.83	14.76		
15	16QAM	75	0	14.77	14.95	14.79		
15	64QAM	1	0	14.81	14.87	14.78		
15	64QAM	1	37	14.78	14.83	14.78	16.3	0
15	64QAM	1	74	14.65	14.96	14.73		
15	64QAM	36	0	14.69	14.86	14.85		
15	64QAM	36	20	14.78	14.79	14.79	16.3	0
15	64QAM	36	39	14.78	14.90	14.78		
15	64QAM	75	0	14.79	14.80	14.86		
15	256QAM	1	0	14.81	14.82	14.77		
15	256QAM	1	37	14.75	14.79	14.78	16.3	0
15	256QAM	1	74	14.68	14.87	14.82		
15	256QAM	36	0	14.83	14.85	14.98		
15	256QAM	36	20	14.81	14.85	14.86	16.3	0
15	256QAM	36	39	14.93	14.83	14.86		
15	256QAM	75	0	14.73	14.87	14.78		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.95	15.03	14.90		
10	QPSK	1	25	14.90	15.02	14.79	16.3	0
10	QPSK	1	49	14.84	14.93	14.89		
10	QPSK	25	0	14.85	15.00	14.86		
10	QPSK	25	12	14.80	14.86	14.89	16.3	0
10	QPSK	25	25	14.82	14.85	14.78		
10	QPSK	50	0	14.89	15.00	14.82		
10	16QAM	1	0	14.87	14.84	14.85		
10	16QAM	1	25	14.75	14.82	14.78	16.3	0
10	16QAM	1	49	14.83	14.87	14.78		
10	16QAM	25	0	14.71	14.84	14.88		
10	16QAM	25	12	14.79	14.93	14.78	16.3	0
10	16QAM	25	25	14.82	14.92	14.76		
10	16QAM	50	0	14.76	14.82	14.81		
10	64QAM	1	0	14.88	14.85	14.80		
10	64QAM	1	25	14.80	14.81	14.76	16.3	0
10	64QAM	1	49	14.70	14.96	14.77		
10	64QAM	25	0	14.78	14.85	14.77		
10	64QAM	25	12	14.86	14.73	14.73	16.3	0
10	64QAM	25	25	14.72	14.93	14.71		
10	64QAM	50	0	14.82	14.80	14.85		
10	256QAM	1	0	14.79	14.87	14.78		
10	256QAM	1	25	14.77	14.95	14.90	16.3	0
10	256QAM	1	49	14.73	14.90	14.83		
10	256QAM	25	0	14.84	14.87	14.93		
10	256QAM	25	12	14.80	14.84	14.90	16.3	0
10	256QAM	25	25	14.87	14.76	14.77		
10	256QAM	50	0	14.79	14.87	14.82		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.95	15.00	14.92		
5	QPSK	1	12	14.83	15.00	14.83	16.3	0
5	QPSK	1	24	14.82	14.99	14.88		
5	QPSK	12	0	14.79	14.96	14.95		
5	QPSK	12	7	14.90	14.86	14.87	16.3	0
5	QPSK	12	13	14.82	14.93	14.78		
5	QPSK	25	0	14.83	15.00	14.88		
5	16QAM	1	0	14.91	14.84	14.87		
5	16QAM	1	12	14.78	14.75	14.70	16.3	0
5	16QAM	1	24	14.82	14.96	14.83		
5	16QAM	12	0	14.72	14.84	14.79		
5	16QAM	12	7	14.71	14.93	14.72	16.3	0
5	16QAM	12	13	14.81	14.93	14.75		
5	16QAM	25	0	14.78	14.93	14.87		
5	64QAM	1	0	14.83	14.92	14.79		
5	64QAM	1	12	14.84	14.82	14.69	16.3	0
5	64QAM	1	24	14.86	14.86	14.79		
5	64QAM	12	0	14.72	14.87	14.83		
5	64QAM	12	7	14.82	14.79	14.74	16.3	0
5	64QAM	12	13	14.78	14.85	14.75		
5	64QAM	25	0	14.85	14.79	14.78		
5	256QAM	1	0	14.81	14.81	14.76		
5	256QAM	1	12	14.70	14.87	14.87	16.3	0
5	256QAM	1	24	14.73	14.87	14.81		
5	256QAM	12	0	14.84	14.92	14.96		
5	256QAM	12	7	14.91	14.81	14.92	16.3	0
5	256QAM	12	13	14.85	14.83	14.78		
5	256QAM	25	0	14.78	14.80	14.81		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.96	14.96	14.95		
3	QPSK	1	8	14.89	14.95	14.87	16.3	0
3	QPSK	1	14	14.93	14.98	14.91		
3	QPSK	8	0	14.80	14.93	14.93		
3	QPSK	8	4	14.89	14.90	14.92	16.3	0
3	QPSK	8	7	14.91	14.92	14.75		
3	QPSK	15	0	14.82	14.96	14.87		
3	16QAM	1	0	14.86	14.99	14.91		
3	16QAM	1	8	14.81	14.78	14.76	16.3	0
3	16QAM	1	14	14.85	14.93	14.82		
3	16QAM	8	0	14.72	14.84	14.82		
3	16QAM	8	4	14.71	14.85	14.72	16.3	0
3	16QAM	8	7	14.85	14.93	14.72		
3	16QAM	15	0	14.76	14.90	14.82		
3	64QAM	1	0	14.78	14.87	14.79		
3	64QAM	1	8	14.82	14.88	14.73	16.3	0
3	64QAM	1	14	14.71	14.90	14.76		
3	64QAM	8	0	14.76	14.87	14.85		
3	64QAM	8	4	14.81	14.74	14.82	16.3	0
3	64QAM	8	7	14.75	14.93	14.79		
3	64QAM	15	0	14.80	14.88	14.88		
3	256QAM	1	0	14.84	14.88	14.78		
3	256QAM	1	8	14.66	14.85	14.84	16.3	0
3	256QAM	1	14	14.79	14.91	14.88		
3	256QAM	8	0	14.84	14.87	14.96		
3	256QAM	8	4	14.84	14.81	14.85	16.3	0
3	256QAM	8	7	14.87	14.79	14.86		
3	256QAM	15	0	14.70	14.86	14.81		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.92	14.96	14.90		
1.4	QPSK	1	3	14.88	14.94	14.82		
1.4	QPSK	1	5	14.85	14.94	14.95	16.3	0
1.4	QPSK	3	0	14.81	15.01	14.84		
1.4	QPSK	3	1	14.86	14.91	14.95		
1.4	QPSK	3	3	14.83	14.91	14.79		
1.4	QPSK	6	0	14.88	15.03	14.85	16.3	0
1.4	16QAM	1	0	14.91	14.85	14.91		
1.4	16QAM	1	3	14.83	14.76	14.74		
1.4	16QAM	1	5	14.80	15.00	14.74	16.3	0
1.4	16QAM	3	0	14.88	14.87	14.87		
1.4	16QAM	3	1	14.72	14.96	14.71		
1.4	16QAM	3	3	14.86	14.85	14.73		
1.4	16QAM	6	0	14.76	14.92	14.85	16.3	0
1.4	64QAM	1	0	14.78	14.89	14.81		
1.4	64QAM	1	3	14.82	14.87	14.73		
1.4	64QAM	1	5	14.63	14.89	14.81	16.3	0
1.4	64QAM	3	0	14.72	14.86	14.80		
1.4	64QAM	3	1	14.76	14.82	14.83		
1.4	64QAM	3	3	14.76	14.89	14.79		
1.4	64QAM	6	0	14.85	14.84	14.87	16.3	0
1.4	256QAM	1	0	14.88	14.82	14.80		
1.4	256QAM	1	3	14.77	14.95	14.82		
1.4	256QAM	1	5	14.75	14.81	14.87	16.3	0
1.4	256QAM	3	0	14.84	14.88	14.91		
1.4	256QAM	3	1	14.89	14.82	14.95		
1.4	256QAM	3	3	14.89	14.80	14.79		
1.4	256QAM	6	0	14.72	14.86	14.74	16.3	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	19.53	19.58	19.55		
10	QPSK	1	25	19.41	19.48	19.41	21.1	0
10	QPSK	1	49	19.44	19.55	19.36		
10	QPSK	25	0	19.48	19.56	19.39		
10	QPSK	25	12	19.51	19.51	19.38	21.1	0
10	QPSK	25	25	19.47	19.49	19.50		
10	QPSK	50	0	19.47	19.50	19.47		
10	16QAM	1	0	19.42	19.56	19.43		
10	16QAM	1	25	19.40	19.52	19.34	21.1	0
10	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	20.96	20.99	20.94		
10	QPSK	1	25	20.87	20.98	20.91	22	0
10	QPSK	1	49	20.96	20.94	20.93		
10	QPSK	25	0	20.92	20.94	20.91		
10	QPSK	25	12	20.90	20.93	20.88	22	0
10	QPSK	25	25	20.87	20.90	20.90		
10	QPSK	50	0	20.86	20.90	20.86		
10	16QAM	1	0	20.82	20.89	20.82		
10	16QAM	1	25	20.78	20.94	20.85	22	0
10	16QAM	1	49	20.92	20.79	20.86		
10	16QAM	25	0	20.78	20.81	20.86		
10	16QAM	25	12	20.80	20.85	20.76	22	0
10	16QAM	25	25	20.78	20.82	20.77		
10	16QAM	50	0	20.72	20.81	20.79		
10	64QAM	1	0	20.87	20.87	20.83		
10	64QAM	1	25	20.79	20.91	20.86	22	0
10	64QAM	1	49	20.86	20.88	20.82		
10	64QAM	25	0	19.94	19.98	19.90		
10	64QAM	25	12	19.91	19.94	19.97	21	1
10	64QAM	25	25	19.93	19.93	19.94		
10	64QAM	50	0	19.92	19.97	19.94		
10	256QAM	1	0	17.93	17.96	17.99		
10	256QAM	1	25	17.88	17.98	17.94	19	3
10	256QAM	1	49	17.92	17.90	17.96		
10	256QAM	25	0	17.90	17.96	17.86		
10	256QAM	25	12	17.90	17.90	17.88	19	3
10	256QAM	25	25	17.93	17.90	17.95		
10	256QAM	50	0	17.81	17.88	17.82		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	20.87	20.94	20.90		
5	QPSK	1	12	20.81	20.92	20.81	22	0
5	QPSK	1	24	20.90	20.87	20.92		
5	QPSK	12	0	20.83	20.86	20.89		
5	QPSK	12	7	20.86	20.85	20.84	22	0
5	QPSK	12	13	20.86	20.81	20.87		
5	QPSK	25	0	20.78	20.82	20.83		
5	16QAM	1	0	20.78	20.78	20.76		
5	16QAM	1	12	20.74	20.84	20.85	22	0
5	16QAM	1	24	20.87	20.77	20.76		
5	16QAM	12	0	20.77	20.78	20.79		
5	16QAM	12	7	20.75	20.80	20.66	22	0
5	16QAM	12	13	20.75	20.78	20.77		
5	16QAM	25	0	20.68	20.71	20.69		
5	64QAM	1	0	20.87	20.86	20.74		
5	64QAM	1	12	20.76	20.87	20.77	22	0
5	64QAM	1	24	20.84	20.88	20.78		
5	64QAM	12	0	19.93	19.87	19.88		
5	64QAM	12	7	19.86	19.87	19.94	21	1
5	64QAM	12	13	19.84	19.92	19.89		
5	64QAM	25	0	19.86	19.96	19.94		
5	256QAM	1	0	17.87	17.97	17.90		
5	256QAM	1	12	17.80	17.88	17.91	19	3
5	256QAM	1	24	17.92	17.80	17.90		
5	256QAM	12	0	17.88	17.88	17.79		
5	256QAM	12	7	17.88	17.84	17.85	19	3
5	256QAM	12	13	17.89	17.90	17.87		
5	256QAM	25	0	17.80	17.83	17.78		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	20.94	20.91	20.88		
3	QPSK	1	8	20.79	20.93	20.84	22	0
3	QPSK	1	14	20.89	20.94	20.91		
3	QPSK	8	0	20.93	20.86	20.82		
3	QPSK	8	4	20.81	20.85	20.84	22	0
3	QPSK	8	7	20.86	20.86	20.89		
3	QPSK	15	0	20.85	20.79	20.81		
3	16QAM	1	0	20.81	20.84	20.79		
3	16QAM	1	8	20.68	20.86	20.85	22	0
3	16QAM	1	14	20.93	20.69	20.83		
3	16QAM	8	0	20.73	20.76	20.85		
3	16QAM	8	4	20.74	20.85	20.67	22	0
3	16QAM	8	7	20.74	20.81	20.72		
3	16QAM	15	0	20.63	20.81	20.73		
3	64QAM	1	0	20.83	20.81	20.74		
3	64QAM	1	8	20.72	20.84	20.79	22	0
3	64QAM	1	14	20.85	20.83	20.73		
3	64QAM	8	0	19.94	19.90	19.89		
3	64QAM	8	4	19.87	19.85	19.91	21	1
3	64QAM	8	7	19.93	19.82	19.93		
3	64QAM	15	0	19.90	19.88	19.90		
3	256QAM	1	0	17.92	17.91	17.96		
3	256QAM	1	8	17.88	17.95	17.94	19	3
3	256QAM	1	14	17.85	17.88	17.86		
3	256QAM	8	0	17.89	17.93	17.80		
3	256QAM	8	4	17.81	17.80	17.77	19	3
3	256QAM	8	7	17.94	17.81	17.84		
3	256QAM	15	0	17.74	17.85	17.75		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	20.96	20.89	20.83		
1.4	QPSK	1	3	20.82	20.98	20.88		
1.4	QPSK	1	5	20.97	20.83	20.94	22	0
1.4	QPSK	3	0	20.93	20.90	20.89		
1.4	QPSK	3	1	20.85	20.82	20.89		
1.4	QPSK	3	3	20.77	20.88	20.85		
1.4	QPSK	6	0	20.75	20.81	20.83	22	0
1.4	16QAM	1	0	20.80	20.84	20.72		
1.4	16QAM	1	3	20.79	20.91	20.80		
1.4	16QAM	1	5	20.82	20.76	20.78	22	0
1.4	16QAM	3	0	20.72	20.81	20.76		
1.4	16QAM	3	1	20.71	20.74	20.71		
1.4	16QAM	3	3	20.73	20.71	20.67		
1.4	16QAM	6	0	20.73	20.78	20.77	22	0
1.4	64QAM	1	0	20.87	20.78	20.73		
1.4	64QAM	1	3	20.80	20.82	20.79		
1.4	64QAM	1	5	20.85	20.88	20.79	22	0
1.4	64QAM	3	0	20.77	20.69	20.72		
1.4	64QAM	3	1	20.75	20.79	20.79		
1.4	64QAM	3	3	20.78	20.78	20.75		
1.4	64QAM	6	0	19.81	19.93	19.93	21	1
1.4	256QAM	1	0	17.94	17.95	17.98		
1.4	256QAM	1	3	17.85	17.89	17.90		
1.4	256QAM	1	5	17.88	17.87	17.90	19	3
1.4	256QAM	3	0	17.79	17.93	17.78		
1.4	256QAM	3	1	17.85	17.88	17.87		
1.4	256QAM	3	3	17.91	17.85	17.91		
1.4	256QAM	6	0	17.80	17.89	17.74	19	3

Band 13 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		19.82			
10	QPSK	1	25		19.80		21.2	0
10	QPSK	1	49		19.79			
10	QPSK	25	0		19.78			
10	QPSK	25	12		19.75		21.2	0
10	QPSK	25	25		19.74			
10	QPSK	50	0		19.70			
10	16QAM	1	0		19.80			
10	16QAM	1	25		19.70		21.2	0
10	16QAM	1	49		19.79			
10	16QAM	25	0		19.68			
10	16QAM	25	12		19.69		21.2	0
10	16QAM	25	25		19.63			
10	16QAM	50	0		19.69			
10	64QAM	1	0		19.80			
10	64QAM	1	25		19.77		21.2	0
10	64QAM	1	49		19.78			
10	64QAM	25	0		19.62			
10	64QAM	25	12		19.58		21	0.2
10	64QAM	25	25		19.60			
10	64QAM	50	0		19.55			
10	256QAM	1	0		17.58			
10	256QAM	1	25		17.56		19	2.2
10	256QAM	1	49		17.60			
10	256QAM	25	0		17.55			
10	256QAM	25	12		17.51		19	2.2
10	256QAM	25	25		17.52			
10	256QAM	50	0		17.54			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	19.80	19.75	19.74		
5	QPSK	1	12	19.81	19.74	19.76	21.2	0
5	QPSK	1	24	19.72	19.80	19.69		
5	QPSK	12	0	19.69	19.72	19.71		
5	QPSK	12	7	19.74	19.69	19.68	21.2	0
5	QPSK	12	13	19.71	19.73	19.68		
5	QPSK	25	0	19.70	19.62	19.66		
5	16QAM	1	0	19.71	19.77	19.76		
5	16QAM	1	12	19.68	19.71	19.61	21.2	0
5	16QAM	1	24	19.77	19.77	19.74		
5	16QAM	12	0	19.63	19.62	19.66		
5	16QAM	12	7	19.67	19.65	19.64	21.2	0
5	16QAM	12	13	19.62	19.59	19.54		
5	16QAM	25	0	19.62	19.60	19.61		
5	64QAM	1	0	19.80	19.70	19.77		
5	64QAM	1	12	19.77	19.73	19.73	21.2	0
5	64QAM	1	24	19.78	19.74	19.74		
5	64QAM	12	0	19.56	19.60	19.53		
5	64QAM	12	7	19.53	19.58	19.51	21	0.2
5	64QAM	12	13	19.52	19.61	19.56		
5	64QAM	25	0	19.44	19.55	19.49		
5	256QAM	1	0	17.48	17.52	17.56		
5	256QAM	1	12	17.53	17.56	17.47	19	2.2
5	256QAM	1	24	17.60	17.55	17.58		
5	256QAM	12	0	17.45	17.48	17.49		
5	256QAM	12	7	17.49	17.41	17.44	19	2.2
5	256QAM	12	13	17.42	17.45	17.44		
5	256QAM	25	0	17.47	17.47	17.43		

Band 17 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	20.84	20.96	20.83		
10	QPSK	1	25	20.79	20.87	20.78	22	0
10	QPSK	1	49	20.86	20.84	20.90		
10	QPSK	25	0	20.80	20.91	20.88		
10	QPSK	25	12	20.76	20.80	20.74	22	0
10	QPSK	25	25	20.74	20.86	20.85		
10	QPSK	50	0	20.76	20.82	20.77		
10	16QAM	1	0	20.74	20.82	20.74		
10	16QAM	1	25	20.74	20.84	20.79	22	0
10	16QAM	1	49	20.79	20.73	20.77		
10	16QAM	25	0	20.66	20.68	20.78		
10	16QAM	25	12	20.67	20.73	20.64	22	0
10	16QAM	25	25	20.64	20.76	20.70		
10	16QAM	50	0	20.61	20.69	20.65		
10	64QAM	1	0	20.82	20.82	20.69		
10	64QAM	1	25	20.65	20.79	20.72	22	0
10	64QAM	1	49	20.79	20.85	20.78		
10	64QAM	25	0	19.83	19.84	19.80		
10	64QAM	25	12	19.79	19.91	19.87	21	1
10	64QAM	25	25	19.89	19.78	19.87		
10	64QAM	50	0	19.88	19.90	19.89		
10	256QAM	1	0	17.85	17.87	17.92		
10	256QAM	1	25	17.74	17.92	17.83	19	3
10	256QAM	1	49	17.77	17.86	17.89		
10	256QAM	25	0	17.86	17.81	17.82		
10	256QAM	25	12	17.76	17.80	17.74	19	3
10	256QAM	25	25	17.83	17.87	17.83		
10	256QAM	50	0	17.70	17.79	17.78		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	20.84	20.87	20.83		
5	QPSK	1	12	20.74	20.82	20.70	22	0
5	QPSK	1	24	20.88	20.85	20.91		
5	QPSK	12	0	20.71	20.85	20.87		
5	QPSK	12	7	20.75	20.70	20.74	22	0
5	QPSK	12	13	20.75	20.86	20.84		
5	QPSK	25	0	20.71	20.73	20.77		
5	16QAM	1	0	20.68	20.72	20.66		
5	16QAM	1	12	20.71	20.84	20.76	22	0
5	16QAM	1	24	20.78	20.66	20.72		
5	16QAM	12	0	20.65	20.62	20.77		
5	16QAM	12	7	20.64	20.72	20.63	22	0
5	16QAM	12	13	20.63	20.67	20.68		
5	16QAM	25	0	20.53	20.60	20.63		
5	64QAM	1	0	20.77	20.82	20.63		
5	64QAM	1	12	20.66	20.78	20.67	22	0
5	64QAM	1	24	20.69	20.76	20.76		
5	64QAM	12	0	19.73	19.77	19.73		
5	64QAM	12	7	19.74	19.84	19.88	21	1
5	64QAM	12	13	19.90	19.76	19.80		
5	64QAM	25	0	19.87	19.88	19.89		
5	256QAM	1	0	17.81	17.82	17.86		
5	256QAM	1	12	17.71	17.92	17.74	19	3
5	256QAM	1	24	17.70	17.84	17.80		
5	256QAM	12	0	17.85	17.79	17.75		
5	256QAM	12	7	17.73	17.80	17.66	19	3
5	256QAM	12	13	17.75	17.82	17.75		
5	256QAM	25	0	17.62	17.78	17.75		

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BW [MHz]	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	19.62	19.67	19.60	21.1	0
15	QPSK	1	37	19.54	19.60	19.53		
15	QPSK	1	74	19.54	19.58	19.51		
15	QPSK	36	0	19.51	19.66	19.49	21.1	0
15	QPSK	36	20	19.61	19.65	19.52		
15	QPSK	36	39	19.55	19.61	19.54		
15	QPSK	75	0	19.55	19.62	19.59		
15	16QAM	1	0	19.53	19.61	19.52	21.1	0
15	16QAM	1	37	19.44	19.59	19.42		
15	16QAM	1	74	19.46	19.49	19.40		
15	16QAM	36	0	19.41	19.61	19.50	21.1	0
15	16QAM	36	20	19.53	19.57	19.48		
15	16QAM	36	39	19.53	19.54	19.51		
15	16QAM	75	0	19.52	19.52	19.49		
15	64QAM	1	0	19.58	19.56	19.60	21.1	0
15	64QAM	1	37	19.46	19.60	19.52		
15	64QAM	1	74	19.48	19.48	19.48		
15	64QAM	36	0	19.50	19.59	19.45	21	0.1
15	64QAM	36	20	19.45	19.48	19.42		
15	64QAM	36	39	19.39	19.50	19.43		
15	64QAM	75	0	19.44	19.51	19.33		
15	256QAM	1	0	17.50	17.61	17.48	19	2.1
15	256QAM	1	37	17.49	17.56	17.46		
15	256QAM	1	74	17.44	17.52	17.39		
15	256QAM	36	0	17.42	17.59	17.36	19	2.1
15	256QAM	36	20	17.50	17.53	17.45		
15	256QAM	36	39	17.46	17.46	17.48		
15	256QAM	75	0	17.43	17.58	17.50		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.56	19.66	19.60	21.1	0
10	QPSK	1	25	19.48	19.50	19.46		
10	QPSK	1	49	19.49	19.52	19.48		
10	QPSK	25	0	19.49	19.60	19.49	21.1	0
10	QPSK	25	12	19.54	19.66	19.52		
10	QPSK	25	25	19.46	19.59	19.47		
10	QPSK	50	0	19.53	19.58	19.57		
10	16QAM	1	0	19.51	19.56	19.51	21.1	0
10	16QAM	1	25	19.41	19.54	19.38		
10	16QAM	1	49	19.40	19.44	19.33		
10	16QAM	25	0	19.36	19.54	19.40	21.1	0
10	16QAM	25	12	19.48	19.55	19.40		
10	16QAM	25	25	19.52	19.49	19.52		
10	16QAM	50	0	19.46	19.45	19.41		
10	64QAM	1	0	19.54	19.54	19.52	21.1	0
10	64QAM	1	25	19.41	19.59	19.50		
10	64QAM	1	49	19.40	19.41	19.44		
10	64QAM	25	0	19.48	19.52	19.42	21	0.1
10	64QAM	25	12	19.34	19.46	19.40		
10	64QAM	25	25	19.30	19.49	19.32		
10	64QAM	50	0	19.36	19.43	19.25		
10	256QAM	1	0	17.47	17.54	17.46	19	2.1
10	256QAM	1	25	17.48	17.49	17.41		
10	256QAM	1	49	17.37	17.49	17.32		
10	256QAM	25	0	17.43	17.51	17.30	19	2.1
10	256QAM	25	12	17.46	17.54	17.36		
10	256QAM	25	25	17.39	17.45	17.37		
10	256QAM	50	0	17.38	17.53	17.39		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.56	19.54	19.51	21.1	0
5	QPSK	1	12	19.52	19.53	19.54		
5	QPSK	1	24	19.47	19.52	19.42		
5	QPSK	12	0	19.41	19.58	19.43	21.1	0
5	QPSK	12	7	19.57	19.60	19.44		
5	QPSK	12	13	19.54	19.52	19.44		
5	QPSK	25	0	19.56	19.60	19.50		
5	16QAM	1	0	19.49	19.58	19.51	21.1	0
5	16QAM	1	12	19.37	19.54	19.32		
5	16QAM	1	24	19.46	19.42	19.41		
5	16QAM	12	0	19.32	19.55	19.39	21.1	0
5	16QAM	12	7	19.43	19.51	19.39		
5	16QAM	12	13	19.48	19.45	19.44		
5	16QAM	25	0	19.49	19.44	19.45		
5	64QAM	1	0	19.48	19.49	19.51	21.1	0
5	64QAM	1	12	19.47	19.61	19.48		
5	64QAM	1	24	19.43	19.42	19.46		
5	64QAM	12	0	19.45	19.49	19.40	21	0.1
5	64QAM	12	7	19.40	19.38	19.41		
5	64QAM	12	13	19.30	19.43	19.35		
5	64QAM	25	0	19.34	19.48	19.27		
5	256QAM	1	0	17.42	17.60	17.49	19	2.1
5	256QAM	1	12	17.39	17.49	17.42		
5	256QAM	1	24	17.39	17.45	17.28		
5	256QAM	12	0	17.33	17.55	17.28	19	2.1
5	256QAM	12	7	17.44	17.45	17.35		
5	256QAM	12	13	17.44	17.40	17.40		
5	256QAM	25	0	17.39	17.59	17.45		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	19.62	19.61	19.50	21.1	0
3	QPSK	1	8	19.47	19.53	19.51		
3	QPSK	1	14	19.52	19.58	19.48		
3	QPSK	8	0	19.48	19.63	19.49	21.1	0
3	QPSK	8	4	19.59	19.65	19.51		
3	QPSK	8	7	19.51	19.55	19.54		
3	QPSK	15	0	19.55	19.57	19.52		
3	16QAM	1	0	19.43	19.56	19.47	21.1	0
3	16QAM	1	8	19.39	19.50	19.34		
3	16QAM	1	14	19.38	19.43	19.38		
3	16QAM	8	0	19.40	19.58	19.46	21.1	0
3	16QAM	8	4	19.52	19.53	19.45		
3	16QAM	8	7	19.51	19.52	19.47		
3	16QAM	15	0	19.53	19.42	19.44		
3	64QAM	1	0	19.48	19.45	19.50	21.1	0
3	64QAM	1	8	19.39	19.56	19.45		
3	64QAM	1	14	19.44	19.41	19.41		
3	64QAM	8	0	19.41	19.49	19.35	21	0.1
3	64QAM	8	4	19.43	19.41	19.39		
3	64QAM	8	7	19.34	19.46	19.43		
3	64QAM	15	0	19.44	19.47	19.29		
3	256QAM	1	0	17.50	17.57	17.47	19	2.1
3	256QAM	1	8	17.41	17.53	17.45		
3	256QAM	1	14	17.41	17.43	17.33		
3	256QAM	8	0	17.34	17.52	17.34	19	2.1
3	256QAM	8	4	17.40	17.49	17.42		
3	256QAM	8	7	17.45	17.45	17.45		
3	256QAM	15	0	17.35	17.58	17.46		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	19.55	19.65	19.60	21.1	0
1.4	QPSK	1	3	19.54	19.61	19.44		
1.4	QPSK	1	5	19.54	19.55	19.43		
1.4	QPSK	3	0	19.45	19.66	19.49		
1.4	QPSK	3	1	19.56	19.62	19.52		
1.4	QPSK	3	3	19.46	19.61	19.48		
1.4	QPSK	6	0	19.49	19.54	19.56	21.1	0
1.4	16QAM	1	0	19.52	19.60	19.49	21.1	0
1.4	16QAM	1	3	19.44	19.50	19.32		
1.4	16QAM	1	5	19.46	19.41	19.35		
1.4	16QAM	3	0	19.39	19.53	19.47		
1.4	16QAM	3	1	19.45	19.48	19.45		
1.4	16QAM	3	3	19.52	19.47	19.40		
1.4	16QAM	6	0	19.43	19.48	19.46	21.1	0
1.4	64QAM	1	0	19.47	19.55	19.52	21.1	0
1.4	64QAM	1	3	19.40	19.53	19.47		
1.4	64QAM	1	5	19.43	19.45	19.48		
1.4	64QAM	3	0	19.42	19.53	19.36		
1.4	64QAM	3	1	19.43	19.38	19.36		
1.4	64QAM	3	3	19.34	19.43	19.44		
1.4	64QAM	6	0	19.38	19.48	19.28	21	0.1
1.4	256QAM	1	0	17.44	17.55	17.37	19	2.1
1.4	256QAM	1	3	17.39	17.50	17.43		
1.4	256QAM	1	5	17.33	17.51	17.37		
1.4	256QAM	3	0	17.43	17.57	17.29		
1.4	256QAM	3	1	17.46	17.52	17.39		
1.4	256QAM	3	3	17.39	17.45	17.43		
1.4	256QAM	6	0	17.41	17.53	17.40	19	2.1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.00	15.08	15.02	16.3	0
20	QPSK	1	49	14.98	15.06	14.96		
20	QPSK	1	99	14.94	15.07	15.01		
20	QPSK	50	0	14.91	15.06	15.02	16.3	0
20	QPSK	50	24	14.98	15.02	14.99		
20	QPSK	50	50	14.98	14.99	14.91		
20	QPSK	100	0	14.99	15.04	14.95		
20	16QAM	1	0	14.96	14.98	14.98	16.3	0
20	16QAM	1	49	14.91	14.91	14.85		
20	16QAM	1	99	14.86	15.04	14.91		
20	16QAM	50	0	14.83	14.94	14.92	16.3	0
20	16QAM	50	24	14.84	14.99	14.90		
20	16QAM	50	50	14.91	14.96	14.79		
20	16QAM	100	0	14.89	15.01	14.89		
20	64QAM	1	0	14.88	14.93	14.88	16.3	0
20	64QAM	1	49	14.88	14.94	14.84		
20	64QAM	1	99	14.80	14.97	14.87		
20	64QAM	50	0	14.78	14.94	14.95	16.3	0
20	64QAM	50	24	14.89	14.92	14.92		
20	64QAM	50	50	14.86	14.94	14.85		
20	64QAM	100	0	14.92	14.99	14.91		
20	256QAM	1	0	14.97	14.96	14.88	16.3	0
20	256QAM	1	49	14.86	15.02	14.90		
20	256QAM	1	99	14.85	14.93	14.95		
20	256QAM	50	0	14.87	14.95	14.97	16.3	0
20	256QAM	50	24	14.93	14.93	14.95		
20	256QAM	50	50	14.92	14.88	14.87		
20	256QAM	100	0	14.92	14.94	14.90		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.93	14.95	14.97	16.3	0
15	QPSK	1	37	14.87	14.94	14.93		
15	QPSK	1	74	14.83	14.98	14.88		
15	QPSK	36	0	14.79	15.01	14.97	16.3	0
15	QPSK	36	20	14.87	14.91	14.90		
15	QPSK	36	39	14.87	14.95	14.82		
15	QPSK	75	0	14.92	14.92	14.87		
15	16QAM	1	0	14.84	14.90	14.88	16.3	0
15	16QAM	1	37	14.82	14.79	14.83		
15	16QAM	1	74	14.80	14.92	14.88		
15	16QAM	36	0	14.75	14.89	14.79	16.3	0
15	16QAM	36	20	14.73	14.90	14.80		
15	16QAM	36	39	14.78	14.87	14.75		
15	16QAM	75	0	14.79	14.94	14.76		
15	64QAM	1	0	14.75	14.86	14.83	16.3	0
15	64QAM	1	37	14.85	14.89	14.79		
15	64QAM	1	74	14.70	14.88	14.75		
15	64QAM	36	0	14.68	14.80	14.89	16.3	0
15	64QAM	36	20	14.80	14.94	14.79		
15	64QAM	36	39	14.77	14.90	14.82		
15	64QAM	75	0	14.89	14.93	14.88		
15	256QAM	1	0	14.94	14.86	14.76	16.3	0
15	256QAM	1	37	14.84	14.95	14.78		
15	256QAM	1	74	14.71	14.85	14.90		
15	256QAM	36	0	14.81	14.82	14.91	16.3	0
15	256QAM	36	20	14.89	14.82	14.82		
15	256QAM	36	39	14.87	14.78	14.79		
15	256QAM	75	0	14.84	14.88	14.79		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.96	14.95	14.94	16.3	0
10	QPSK	1	25	14.89	14.98	14.91		
10	QPSK	1	49	14.89	15.01	14.89		
10	QPSK	25	0	14.80	15.01	14.90	16.3	0
10	QPSK	25	12	14.90	14.92	14.88		
10	QPSK	25	25	14.91	14.88	14.79		
10	QPSK	50	0	14.95	15.01	14.85		
10	16QAM	1	0	14.91	14.91	14.94	16.3	0
10	16QAM	1	25	14.85	14.80	14.80		
10	16QAM	1	49	14.81	14.94	14.88		
10	16QAM	25	0	14.73	14.86	14.87	16.3	0
10	16QAM	25	12	14.79	14.94	14.85		
10	16QAM	25	25	14.81	14.92	14.66		
10	16QAM	50	0	14.80	14.95	14.77		
10	64QAM	1	0	14.81	14.91	14.75	16.3	0
10	64QAM	1	25	14.75	14.85	14.76		
10	64QAM	1	49	14.70	14.95	14.84		
10	64QAM	25	0	14.74	14.92	14.88	16.3	0
10	64QAM	25	12	14.81	14.86	14.84		
10	64QAM	25	25	14.80	14.85	14.80		
10	64QAM	50	0	14.88	14.88	14.88		
10	256QAM	1	0	14.91	14.88	14.77	16.3	0
10	256QAM	1	25	14.84	14.88	14.84		
10	256QAM	1	49	14.80	14.82	14.93		
10	256QAM	25	0	14.79	14.83	14.94	16.3	0
10	256QAM	25	12	14.79	14.88	14.86		
10	256QAM	25	25	14.84	14.83	14.84		
10	256QAM	50	0	14.80	14.88	14.87		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.88	15.00	14.89	16.3	0
5	QPSK	1	12	14.87	15.03	14.92		
5	QPSK	1	24	14.90	14.98	14.93		
5	QPSK	12	0	14.80	15.00	14.90	16.3	0
5	QPSK	12	7	14.95	14.91	14.90		
5	QPSK	12	13	14.94	14.95	14.87		
5	QPSK	25	0	14.96	14.96	14.85		
5	16QAM	1	0	14.94	14.91	14.85	16.3	0
5	16QAM	1	12	14.77	14.88	14.77		
5	16QAM	1	24	14.77	14.96	14.87		
5	16QAM	12	0	14.80	14.85	14.89	16.3	0
5	16QAM	12	7	14.74	14.92	14.87		
5	16QAM	12	13	14.88	14.86	14.70		
5	16QAM	25	0	14.79	14.93	14.77		
5	64QAM	1	0	14.84	14.80	14.82	16.3	0
5	64QAM	1	12	14.78	14.86	14.72		
5	64QAM	1	24	14.74	14.88	14.74		
5	64QAM	12	0	14.70	14.86	14.85	16.3	0
5	64QAM	12	7	14.86	14.86	14.79		
5	64QAM	12	13	14.82	14.84	14.75		
5	64QAM	25	0	14.90	14.94	14.81		
5	256QAM	1	0	14.89	14.89	14.82	16.3	0
5	256QAM	1	12	14.82	14.89	14.84		
5	256QAM	1	24	14.74	14.86	14.84		
5	256QAM	12	0	14.76	14.90	14.84	16.3	0
5	256QAM	12	7	14.84	14.86	14.87		
5	256QAM	12	13	14.81	14.75	14.73		
5	256QAM	25	0	14.78	14.80	14.88		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.86	15.03	14.89	16.3	0
3	QPSK	1	8	14.96	15.04	14.88		
3	QPSK	1	14	14.87	15.04	14.95		
3	QPSK	8	0	14.80	14.99	14.98	16.3	0
3	QPSK	8	4	14.85	14.98	14.90		
3	QPSK	8	7	14.91	14.87	14.83		
3	QPSK	15	0	14.91	14.98	14.86	16.3	0
3	16QAM	1	0	14.83	14.94	14.94		
3	16QAM	1	8	14.80	14.81	14.76		
3	16QAM	1	14	14.77	15.00	14.82		
3	16QAM	8	0	14.79	14.85	14.78	16.3	0
3	16QAM	8	4	14.78	14.90	14.87		
3	16QAM	8	7	14.81	14.90	14.71		
3	16QAM	15	0	14.76	14.98	14.83	16.3	0
3	64QAM	1	0	14.79	14.86	14.79		
3	64QAM	1	8	14.83	14.82	14.72		
3	64QAM	1	14	14.76	14.94	14.75		
3	64QAM	8	0	14.65	14.89	14.88	16.3	0
3	64QAM	8	4	14.83	14.81	14.83		
3	64QAM	8	7	14.83	14.90	14.75		
3	64QAM	15	0	14.86	14.89	14.89	16.3	0
3	256QAM	1	0	14.93	14.87	14.84		
3	256QAM	1	8	14.77	14.97	14.76		
3	256QAM	1	14	14.76	14.92	14.82		
3	256QAM	8	0	14.78	14.92	14.90	16.3	0
3	256QAM	8	4	14.90	14.81	14.92		
3	256QAM	8	7	14.87	14.75	14.75		
3	256QAM	15	0	14.81	14.90	14.87		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.90	15.04	14.89	16.3	0
1.4	QPSK	1	3	14.92	14.95	14.85		
1.4	QPSK	1	5	14.83	15.04	14.94		
1.4	QPSK	3	0	14.87	15.04	14.96		
1.4	QPSK	3	1	14.96	14.90	14.85		
1.4	QPSK	3	3	14.93	14.89	14.88		
1.4	QPSK	6	0	14.93	15.01	14.81	16.3	0
1.4	16QAM	1	0	14.84	14.89	14.86	16.3	0
1.4	16QAM	1	3	14.83	14.88	14.80		
1.4	16QAM	1	5	14.75	14.91	14.78		
1.4	16QAM	3	0	14.74	14.83	14.89		
1.4	16QAM	3	1	14.70	14.90	14.85		
1.4	16QAM	3	3	14.85	14.83	14.72		
1.4	16QAM	6	0	14.84	14.89	14.85	16.3	0
1.4	64QAM	1	0	14.84	14.83	14.80	16.3	0
1.4	64QAM	1	3	14.82	14.89	14.70		
1.4	64QAM	1	5	14.75	14.85	14.78		
1.4	64QAM	3	0	14.68	14.88	14.84		
1.4	64QAM	3	1	14.79	14.82	14.83		
1.4	64QAM	3	3	14.75	14.87	14.72		
1.4	64QAM	6	0	14.80	14.90	14.81	16.3	0
1.4	256QAM	1	0	14.88	14.83	14.78	16.3	0
1.4	256QAM	1	3	14.80	14.90	14.82		
1.4	256QAM	1	5	14.73	14.81	14.83		
1.4	256QAM	3	0	14.82	14.82	14.90		
1.4	256QAM	3	1	14.90	14.81	14.88		
1.4	256QAM	3	3	14.81	14.84	14.85		
1.4	256QAM	6	0	14.85	14.83	14.84	16.3	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	14.61	14.75	14.69	15.8	0
20	QPSK	1	49	14.54	14.73	14.64		
20	QPSK	1	99	14.63	14.69	14.71		
20	QPSK	50	0	14.63	14.76	14.73	15.8	0
20	QPSK	50	24	14.63	14.72	14.71		
20	QPSK	50	50	14.61	14.72	14.63		
20	QPSK	100	0	14.68	14.69	14.68		
20	16QAM	1	0	14.51	14.69	14.69	15.8	0
20	16QAM	1	49	14.54	14.70	14.64		
20	16QAM	1	99	14.67	14.54	14.53		
20	16QAM	50	0	14.52	14.75	14.69	15.8	0
20	16QAM	50	24	14.49	14.59	14.57		
20	16QAM	50	50	14.50	14.68	14.67		
20	16QAM	100	0	14.60	14.63	14.66		
20	64QAM	1	0	14.54	14.71	14.66	15.8	0
20	64QAM	1	49	14.46	14.71	14.64		
20	64QAM	1	99	14.59	14.51	14.55		
20	64QAM	50	0	14.57	14.75	14.64	15.8	0
20	64QAM	50	24	14.44	14.58	14.59		
20	64QAM	50	50	14.56	14.64	14.66		
20	64QAM	100	0	14.60	14.68	14.69		
20	256QAM	1	0	14.66	14.76	14.66	15.8	0
20	256QAM	1	49	14.42	14.65	14.66		
20	256QAM	1	99	14.52	14.52	14.55		
20	256QAM	50	0	14.49	14.72	14.63	15.8	0
20	256QAM	50	24	14.46	14.67	14.67		
20	256QAM	50	50	14.48	14.59	14.56		
20	256QAM	100	0	14.57	14.59	14.59		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	14.56	14.69	14.59	15.8	0
15	QPSK	1	37	14.54	14.72	14.57		
15	QPSK	1	74	14.53	14.66	14.71		
15	QPSK	36	0	14.56	14.77	14.72	15.8	0
15	QPSK	36	20	14.56	14.70	14.63		
15	QPSK	36	39	14.62	14.68	14.60		
15	QPSK	75	0	14.60	14.61	14.66		
15	16QAM	1	0	14.51	14.61	14.60	15.8	0
15	16QAM	1	37	14.46	14.69	14.58		
15	16QAM	1	74	14.64	14.45	14.53		
15	16QAM	36	0	14.52	14.72	14.60	15.8	0
15	16QAM	36	20	14.43	14.57	14.53		
15	16QAM	36	39	14.48	14.69	14.63		
15	16QAM	75	0	14.54	14.52	14.63		
15	64QAM	1	0	14.43	14.63	14.62	15.8	0
15	64QAM	1	37	14.41	14.61	14.64		
15	64QAM	1	74	14.51	14.43	14.47		
15	64QAM	36	0	14.57	14.64	14.59	15.8	0
15	64QAM	36	20	14.41	14.50	14.55		
15	64QAM	36	39	14.54	14.59	14.59		
15	64QAM	75	0	14.56	14.60	14.62		
15	256QAM	1	0	14.63	14.73	14.63	15.8	0
15	256QAM	1	37	14.35	14.64	14.63		
15	256QAM	1	74	14.48	14.48	14.46		
15	256QAM	36	0	14.44	14.62	14.56	15.8	0
15	256QAM	36	20	14.41	14.61	14.65		
15	256QAM	36	39	14.38	14.57	14.50		
15	256QAM	75	0	14.47	14.49	14.60		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2595	2615		
10	QPSK	1	0	14.56	14.68	14.67	15.8	0
10	QPSK	1	25	14.43	14.63	14.62		
10	QPSK	1	49	14.60	14.65	14.70		
10	QPSK	25	0	14.52	14.68	14.65	15.8	0
10	QPSK	25	12	14.60	14.65	14.68		
10	QPSK	25	25	14.52	14.62	14.53		
10	QPSK	50	0	14.66	14.70	14.65		
10	16QAM	1	0	14.41	14.64	14.64	15.8	0
10	16QAM	1	25	14.54	14.66	14.59		
10	16QAM	1	49	14.60	14.48	14.52		
10	16QAM	25	0	14.42	14.77	14.64	15.8	0
10	16QAM	25	12	14.45	14.51	14.51		
10	16QAM	25	25	14.48	14.68	14.59		
10	16QAM	50	0	14.56	14.62	14.62		
10	64QAM	1	0	14.51	14.60	14.56	15.8	0
10	64QAM	1	25	14.43	14.68	14.63		
10	64QAM	1	49	14.49	14.45	14.53		
10	64QAM	25	0	14.53	14.75	14.61	15.8	0
10	64QAM	25	12	14.34	14.57	14.60		
10	64QAM	25	25	14.46	14.58	14.55		
10	64QAM	50	0	14.57	14.66	14.66		
10	256QAM	1	0	14.59	14.66	14.65	15.8	0
10	256QAM	1	25	14.36	14.64	14.57		
10	256QAM	1	49	14.47	14.45	14.54		
10	256QAM	25	0	14.50	14.69	14.59	15.8	0
10	256QAM	25	12	14.40	14.60	14.62		
10	256QAM	25	25	14.45	14.58	14.57		
10	256QAM	50	0	14.50	14.56	14.51		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	14.55	14.68	14.58	15.8	0
5	QPSK	1	12	14.51	14.69	14.62		
5	QPSK	1	24	14.55	14.66	14.71		
5	QPSK	12	0	14.55	14.67	14.68	15.8	0
5	QPSK	12	7	14.57	14.68	14.71		
5	QPSK	12	13	14.61	14.73	14.60		
5	QPSK	25	0	14.58	14.65	14.65		
5	16QAM	1	0	14.51	14.63	14.59	15.8	0
5	16QAM	1	12	14.47	14.71	14.60		
5	16QAM	1	24	14.58	14.45	14.49		
5	16QAM	12	0	14.52	14.78	14.69	15.8	0
5	16QAM	12	7	14.41	14.56	14.57		
5	16QAM	12	13	14.40	14.63	14.60		
5	16QAM	25	0	14.53	14.63	14.60		
5	64QAM	1	0	14.46	14.65	14.55	15.8	0
5	64QAM	1	12	14.41	14.64	14.53		
5	64QAM	1	24	14.54	14.50	14.55		
5	64QAM	12	0	14.56	14.73	14.62	15.8	0
5	64QAM	12	7	14.36	14.58	14.48		
5	64QAM	12	13	14.56	14.58	14.63		
5	64QAM	25	0	14.60	14.65	14.61		
5	256QAM	1	0	14.63	14.72	14.64	15.8	0
5	256QAM	1	12	14.43	14.61	14.65		
5	256QAM	1	24	14.42	14.48	14.52		
5	256QAM	12	0	14.44	14.64	14.61	15.8	0
5	256QAM	12	7	14.44	14.59	14.63		
5	256QAM	12	13	14.42	14.59	14.50		
5	256QAM	25	0	14.49	14.54	14.58		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.42	16.56	16.48	17.4	0
20	QPSK	1	49	16.50	16.49	16.47		
20	QPSK	1	99	16.30	16.46	16.42		
20	QPSK	50	0	16.36	16.55	16.49	17.4	0
20	QPSK	50	24	16.38	16.51	16.46		
20	QPSK	50	50	16.39	16.41	16.48		
20	QPSK	100	0	16.39	16.49	16.46		
20	16QAM	1	0	16.49	16.47	16.37	17.4	0
20	16QAM	1	49	16.35	16.42	16.36		
20	16QAM	1	99	16.39	16.48	16.42		
20	16QAM	50	0	16.23	16.43	16.34	17.4	0
20	16QAM	50	24	16.41	16.39	16.39		
20	16QAM	50	50	16.24	16.28	16.34		
20	16QAM	100	0	16.41	16.30	16.36		
20	64QAM	1	0	16.34	16.43	16.43	17.4	0
20	64QAM	1	49	16.39	16.36	16.43		
20	64QAM	1	99	16.29	16.49	16.36		
20	64QAM	50	0	16.37	16.47	16.36	17.4	0
20	64QAM	50	24	16.31	16.41	16.44		
20	64QAM	50	50	16.38	16.42	16.31		
20	64QAM	100	0	16.32	16.50	16.39		
20	256QAM	1	0	16.35	16.41	16.48	17.4	0
20	256QAM	1	49	16.46	16.42	16.39		
20	256QAM	1	99	16.31	16.41	16.36		
20	256QAM	50	0	16.32	16.44	16.45	17.4	0
20	256QAM	50	24	16.31	16.41	16.50		
20	256QAM	50	50	16.36	16.33	16.49		
20	256QAM	100	0	16.32	16.33	16.42		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.41	16.54	16.45	17.4	0
15	QPSK	1	37	16.49	16.45	16.47		
15	QPSK	1	74	16.30	16.37	16.38		
15	QPSK	36	0	16.25	16.45	16.44	17.4	0
15	QPSK	36	20	16.39	16.48	16.44		
15	QPSK	36	39	16.36	16.36	16.45		
15	QPSK	75	0	16.37	16.38	16.36		
15	16QAM	1	0	16.41	16.45	16.30	17.4	0
15	16QAM	1	37	16.25	16.33	16.34		
15	16QAM	1	74	16.40	16.47	16.40		
15	16QAM	36	0	16.23	16.35	16.31	17.4	0
15	16QAM	36	20	16.31	16.38	16.31		
15	16QAM	36	39	16.21	16.21	16.27		
15	16QAM	75	0	16.39	16.30	16.37		
15	64QAM	1	0	16.27	16.32	16.36	17.4	0
15	64QAM	1	37	16.39	16.29	16.37		
15	64QAM	1	74	16.26	16.49	16.35		
15	64QAM	36	0	16.30	16.46	16.33	17.4	0
15	64QAM	36	20	16.23	16.36	16.34		
15	64QAM	36	39	16.32	16.36	16.21		
15	64QAM	75	0	16.23	16.45	16.40		
15	256QAM	1	0	16.34	16.32	16.47	17.4	0
15	256QAM	1	37	16.39	16.35	16.33		
15	256QAM	1	74	16.27	16.31	16.31		
15	256QAM	36	0	16.25	16.38	16.34	17.4	0
15	256QAM	36	20	16.30	16.32	16.41		
15	256QAM	36	39	16.28	16.28	16.43		
15	256QAM	75	0	16.30	16.25	16.33		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2595	2615		
10	QPSK	1	0	16.31	16.55	16.47	17.4	0
10	QPSK	1	25	16.48	16.40	16.38		
10	QPSK	1	49	16.25	16.38	16.33		
10	QPSK	25	0	16.27	16.50	16.43	17.4	0
10	QPSK	25	12	16.30	16.44	16.38		
10	QPSK	25	25	16.37	16.38	16.42		
10	QPSK	50	0	16.29	16.46	16.44		
10	16QAM	1	0	16.43	16.40	16.37	17.4	0
10	16QAM	1	25	16.30	16.33	16.29		
10	16QAM	1	49	16.32	16.45	16.38		
10	16QAM	25	0	16.20	16.40	16.27	17.4	0
10	16QAM	25	12	16.34	16.39	16.38		
10	16QAM	25	25	16.22	16.26	16.26		
10	16QAM	50	0	16.34	16.31	16.29		
10	64QAM	1	0	16.32	16.40	16.41	17.4	0
10	64QAM	1	25	16.35	16.33	16.36		
10	64QAM	1	49	16.23	16.43	16.36		
10	64QAM	25	0	16.34	16.40	16.30	17.4	0
10	64QAM	25	12	16.20	16.31	16.41		
10	64QAM	25	25	16.37	16.41	16.26		
10	64QAM	50	0	16.31	16.45	16.39		
10	256QAM	1	0	16.29	16.39	16.40	17.4	0
10	256QAM	1	25	16.40	16.41	16.28		
10	256QAM	1	49	16.29	16.40	16.30		
10	256QAM	25	0	16.24	16.34	16.43	17.4	0
10	256QAM	25	12	16.27	16.32	16.49		
10	256QAM	25	25	16.33	16.29	16.45		
10	256QAM	50	0	16.33	16.30	16.42		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.38	16.49	16.37	17.4	0
5	QPSK	1	12	16.43	16.40	16.39		
5	QPSK	1	24	16.30	16.42	16.37		
5	QPSK	12	0	16.27	16.52	16.38	17.4	0
5	QPSK	12	7	16.28	16.45	16.40		
5	QPSK	12	13	16.34	16.33	16.43		
5	QPSK	25	0	16.39	16.46	16.40		
5	16QAM	1	0	16.47	16.38	16.35	17.4	0
5	16QAM	1	12	16.25	16.33	16.26		
5	16QAM	1	24	16.32	16.45	16.38		
5	16QAM	12	0	16.23	16.36	16.34	17.4	0
5	16QAM	12	7	16.31	16.39	16.33		
5	16QAM	12	13	16.24	16.17	16.23		
5	16QAM	25	0	16.38	16.24	16.33		
5	64QAM	1	0	16.25	16.32	16.43	17.4	0
5	64QAM	1	12	16.33	16.33	16.40		
5	64QAM	1	24	16.24	16.48	16.31		
5	64QAM	12	0	16.35	16.45	16.33	17.4	0
5	64QAM	12	7	16.24	16.31	16.39		
5	64QAM	12	13	16.37	16.35	16.29		
5	64QAM	25	0	16.26	16.43	16.37		
5	256QAM	1	0	16.26	16.34	16.40	17.4	0
5	256QAM	1	12	16.37	16.43	16.36		
5	256QAM	1	24	16.23	16.38	16.37		
5	256QAM	12	0	16.33	16.41	16.43	17.4	0
5	256QAM	12	7	16.23	16.41	16.48		
5	256QAM	12	13	16.36	16.28	16.40		
5	256QAM	25	0	16.24	16.25	16.35		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	14.75	14.72	14.80	14.76	14.71	15.8	0
20	QPSK	1	49	14.66	14.62	14.74	14.74	14.68		
20	QPSK	1	99	14.72	14.72	14.69	14.71	14.67		
20	QPSK	50	0	14.65	14.64	14.78	14.76	14.62	15.8	0
20	QPSK	50	24	14.68	14.64	14.76	14.73	14.67		
20	QPSK	50	50	14.69	14.63	14.71	14.71	14.72		
20	QPSK	100	0	14.74	14.69	14.75	14.70	14.67		
20	16QAM	1	0	14.65	14.62	14.77	14.72	14.67	15.8	0
20	16QAM	1	49	14.61	14.58	14.70	14.71	14.62		
20	16QAM	1	99	14.72	14.70	14.58	14.62	14.64		
20	16QAM	50	0	14.55	14.63	14.78	14.73	14.53	15.8	0
20	16QAM	50	24	14.60	14.58	14.68	14.62	14.67		
20	16QAM	50	50	14.60	14.60	14.69	14.68	14.68		
20	16QAM	100	0	14.66	14.70	14.73	14.66	14.58		
20	64QAM	1	0	14.75	14.63	14.71	14.67	14.68	15.8	0
20	64QAM	1	49	14.57	14.52	14.74	14.64	14.60		
20	64QAM	1	99	14.72	14.63	14.60	14.64	14.63		
20	64QAM	50	0	14.65	14.60	14.76	14.75	14.59	15.8	0
20	64QAM	50	24	14.69	14.54	14.66	14.66	14.63		
20	64QAM	50	50	14.59	14.57	14.65	14.69	14.69		
20	64QAM	100	0	14.64	14.68	14.74	14.69	14.58		
20	256QAM	1	0	14.73	14.70	14.76	14.74	14.66	15.8	0
20	256QAM	1	49	14.60	14.53	14.72	14.69	14.68		
20	256QAM	1	99	14.73	14.62	14.63	14.66	14.63		
20	256QAM	50	0	14.60	14.55	14.74	14.66	14.58	15.8	0
20	256QAM	50	24	14.63	14.54	14.76	14.66	14.57		
20	256QAM	50	50	14.59	14.57	14.67	14.67	14.71		
20	256QAM	100	0	14.67	14.63	14.68	14.70	14.57		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	14.76	14.64	14.75	14.74	14.63	15.80	0
15	QPSK	1	37	14.64	14.63	14.69	14.72	14.62		
15	QPSK	1	74	14.71	14.67	14.66	14.63	14.59		
15	QPSK	36	0	14.62	14.62	14.69	14.70	14.56	15.8	0
15	QPSK	36	20	14.60	14.59	14.71	14.62	14.56		
15	QPSK	36	39	14.68	14.60	14.64	14.62	14.67		
15	QPSK	75	0	14.74	14.68	14.65	14.71	14.59		
15	16QAM	1	0	14.61	14.53	14.76	14.69	14.67	15.8	0
15	16QAM	1	37	14.61	14.51	14.71	14.71	14.59		
15	16QAM	1	74	14.70	14.65	14.56	14.60	14.57		
15	16QAM	36	0	14.49	14.58	14.79	14.64	14.44	15.8	0
15	16QAM	36	20	14.58	14.54	14.61	14.51	14.66		
15	16QAM	36	39	14.49	14.55	14.66	14.67	14.61		
15	16QAM	75	0	14.56	14.67	14.68	14.57	14.49		
15	64QAM	1	0	14.73	14.58	14.69	14.60	14.59	15.8	0
15	64QAM	1	37	14.57	14.49	14.68	14.55	14.54		
15	64QAM	1	74	14.67	14.54	14.56	14.63	14.59		
15	64QAM	36	0	14.54	14.57	14.76	14.68	14.59	15.8	0
15	64QAM	36	20	14.65	14.45	14.61	14.64	14.55		
15	64QAM	36	39	14.50	14.51	14.55	14.69	14.65		
15	64QAM	75	0	14.58	14.61	14.64	14.65	14.55		
15	256QAM	1	0	14.68	14.70	14.69	14.65	14.62	15.8	0
15	256QAM	1	37	14.54	14.51	14.62	14.61	14.68		
15	256QAM	1	74	14.70	14.62	14.55	14.65	14.52		
15	256QAM	36	0	14.50	14.53	14.69	14.55	14.57	15.8	0
15	256QAM	36	20	14.58	14.55	14.69	14.61	14.51		
15	256QAM	36	39	14.57	14.56	14.58	14.66	14.70		
15	256QAM	75	0	14.64	14.58	14.58	14.69	14.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	14.66	14.62	14.75	14.66	14.69	15.80	0
10	QPSK	1	25	14.60	14.57	14.74	14.65	14.65		
10	QPSK	1	49	14.67	14.70	14.61	14.64	14.65		
10	QPSK	25	0	14.65	14.54	14.74	14.65	14.62	15.8	0
10	QPSK	25	12	14.60	14.54	14.68	14.65	14.59		
10	QPSK	25	25	14.67	14.59	14.65	14.67	14.66		
10	QPSK	50	0	14.72	14.64	14.67	14.68	14.66		
10	16QAM	1	0	14.65	14.62	14.74	14.61	14.64	15.8	0
10	16QAM	1	25	14.60	14.56	14.71	14.67	14.51		
10	16QAM	1	49	14.72	14.70	14.57	14.52	14.54		
10	16QAM	25	0	14.53	14.61	14.73	14.74	14.50	15.8	0
10	16QAM	25	12	14.54	14.50	14.58	14.59	14.62		
10	16QAM	25	25	14.54	14.55	14.67	14.62	14.69		
10	16QAM	50	0	14.66	14.63	14.66	14.65	14.50		
10	64QAM	1	0	14.69	14.54	14.60	14.61	14.66	15.8	0
10	64QAM	1	25	14.52	14.52	14.71	14.58	14.54		
10	64QAM	1	49	14.66	14.57	14.49	14.62	14.62		
10	64QAM	25	0	14.58	14.49	14.75	14.73	14.59	15.8	0
10	64QAM	25	12	14.65	14.47	14.64	14.58	14.58		
10	64QAM	25	25	14.58	14.49	14.60	14.65	14.67		
10	64QAM	50	0	14.64	14.64	14.67	14.68	14.59		
10	256QAM	1	0	14.68	14.67	14.73	14.67	14.62	15.8	0
10	256QAM	1	25	14.53	14.48	14.64	14.60	14.61		
10	256QAM	1	49	14.70	14.59	14.55	14.62	14.54		
10	256QAM	25	0	14.50	14.50	14.67	14.62	14.49	15.8	0
10	256QAM	25	12	14.52	14.53	14.71	14.58	14.51		
10	256QAM	25	25	14.50	14.53	14.56	14.63	14.61		
10	256QAM	50	0	14.64	14.60	14.63	14.71	14.53		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	14.65	14.72	14.75	14.72	14.70	15.80	0
5	QPSK	1	12	14.66	14.62	14.71	14.63	14.69		
5	QPSK	1	24	14.71	14.65	14.68	14.69	14.63		
5	QPSK	12	0	14.57	14.58	14.73	14.67	14.60	15.8	0
5	QPSK	12	7	14.67	14.58	14.73	14.69	14.59		
5	QPSK	12	13	14.69	14.63	14.64	14.70	14.71		
5	QPSK	25	0	14.75	14.59	14.74	14.62	14.64		
5	16QAM	1	0	14.61	14.61	14.67	14.69	14.61	15.8	0
5	16QAM	1	12	14.60	14.59	14.63	14.69	14.54		
5	16QAM	1	24	14.70	14.63	14.58	14.53	14.54		
5	16QAM	12	0	14.56	14.62	14.67	14.63	14.47	15.8	0
5	16QAM	12	7	14.61	14.51	14.58	14.54	14.60		
5	16QAM	12	13	14.55	14.53	14.59	14.58	14.63		
5	16QAM	25	0	14.61	14.67	14.73	14.67	14.51		
5	64QAM	1	0	14.76	14.59	14.64	14.62	14.64	15.8	0
5	64QAM	1	12	14.52	14.44	14.68	14.56	14.55		
5	64QAM	1	24	14.68	14.56	14.59	14.61	14.59		
5	64QAM	12	0	14.56	14.53	14.69	14.68	14.53	15.8	0
5	64QAM	12	7	14.66	14.52	14.66	14.59	14.55		
5	64QAM	12	13	14.54	14.49	14.60	14.66	14.58		
5	64QAM	25	0	14.58	14.58	14.75	14.64	14.57		
5	256QAM	1	0	14.69	14.70	14.66	14.63	14.61	15.8	0
5	256QAM	1	12	14.53	14.52	14.62	14.68	14.66		
5	256QAM	1	24	14.67	14.62	14.56	14.57	14.62		
5	256QAM	12	0	14.60	14.56	14.71	14.58	14.50	15.8	0
5	256QAM	12	7	14.54	14.49	14.74	14.63	14.54		
5	256QAM	12	13	14.50	14.54	14.61	14.59	14.68		
5	256QAM	25	0	14.67	14.60	14.65	14.64	14.49		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.59	16.52	16.58	16.55	16.53	17.4	0
20	QPSK	1	49	16.39	16.49	16.57	16.47	16.46		
20	QPSK	1	99	16.47	16.41	16.54	16.49	16.45		
20	QPSK	50	0	16.40	16.44	16.54	16.51	16.50	17.4	0
20	QPSK	50	24	16.44	16.47	16.53	16.50	16.49		
20	QPSK	50	50	16.44	16.44	16.48	16.52	16.43		
20	QPSK	100	0	16.42	16.43	16.50	16.48	16.44		
20	16QAM	1	0	16.44	16.52	16.49	16.45	16.48	17.4	0
20	16QAM	1	49	16.28	16.43	16.52	16.39	16.43		
20	16QAM	1	99	16.43	16.38	16.52	16.41	16.37		
20	16QAM	50	0	16.33	16.34	16.51	16.43	16.46	17.4	0
20	16QAM	50	24	16.41	16.48	16.46	16.48	16.45		
20	16QAM	50	50	16.39	16.35	16.37	16.42	16.43		
20	16QAM	100	0	16.42	16.42	16.39	16.44	16.36		
20	64QAM	1	0	16.48	16.42	16.50	16.51	16.47	17.4	0
20	64QAM	1	49	16.35	16.46	16.46	16.47	16.41		
20	64QAM	1	99	16.45	16.37	16.54	16.46	16.44		
20	64QAM	50	0	16.34	16.39	16.52	16.41	16.41	17.4	0
20	64QAM	50	24	16.43	16.38	16.50	16.43	16.47		
20	64QAM	50	50	16.37	16.39	16.45	16.42	16.43		
20	64QAM	100	0	16.43	16.38	16.50	16.43	16.40		
20	256QAM	1	0	16.46	16.45	16.48	16.48	16.53	17.4	0
20	256QAM	1	49	16.31	16.50	16.46	16.44	16.38		
20	256QAM	1	99	16.37	16.38	16.46	16.44	16.39		
20	256QAM	50	0	16.38	16.42	16.52	16.49	16.42	17.4	0
20	256QAM	50	24	16.38	16.39	16.43	16.50	16.48		
20	256QAM	50	50	16.41	16.39	16.37	16.51	16.33		
20	256QAM	100	0	16.38	16.40	16.42	16.49	16.42		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.48	16.43	16.52	16.46	16.53	17.40	0
15	QPSK	1	37	16.37	16.38	16.52	16.47	16.45		
15	QPSK	1	74	16.45	16.37	16.51	16.42	16.39		
15	QPSK	36	0	16.37	16.38	16.54	16.50	16.41	17.4	0
15	QPSK	36	20	16.41	16.42	16.42	16.42	16.44		
15	QPSK	36	39	16.40	16.39	16.44	16.52	16.44		
15	QPSK	75	0	16.41	16.41	16.47	16.39	16.38		
15	16QAM	1	0	16.33	16.46	16.40	16.45	16.40	17.4	0
15	16QAM	1	37	16.23	16.42	16.45	16.39	16.33		
15	16QAM	1	74	16.37	16.32	16.44	16.33	16.34		
15	16QAM	36	0	16.27	16.31	16.49	16.37	16.46	17.4	0
15	16QAM	36	20	16.39	16.39	16.41	16.37	16.35		
15	16QAM	36	39	16.31	16.25	16.32	16.40	16.40		
15	16QAM	75	0	16.35	16.41	16.39	16.33	16.36		
15	64QAM	1	0	16.38	16.34	16.47	16.50	16.46	17.4	0
15	64QAM	1	37	16.27	16.36	16.45	16.48	16.36		
15	64QAM	1	74	16.37	16.29	16.51	16.42	16.34		
15	64QAM	36	0	16.27	16.32	16.53	16.42	16.42	17.4	0
15	64QAM	36	20	16.42	16.38	16.49	16.43	16.40		
15	64QAM	36	39	16.37	16.37	16.34	16.39	16.34		
15	64QAM	75	0	16.43	16.38	16.45	16.37	16.39		
15	256QAM	1	0	16.42	16.44	16.42	16.46	16.53	17.4	0
15	256QAM	1	37	16.24	16.48	16.47	16.45	16.34		
15	256QAM	1	74	16.28	16.33	16.45	16.44	16.39		
15	256QAM	36	0	16.28	16.33	16.50	16.41	16.34	17.4	0
15	256QAM	36	20	16.33	16.35	16.42	16.46	16.47		
15	256QAM	36	39	16.31	16.36	16.31	16.42	16.23		
15	256QAM	75	0	16.35	16.36	16.40	16.50	16.42		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.41	16.51	16.54	16.50	16.49	17.40	0
10	QPSK	1	25	16.39	16.46	16.54	16.43	16.36		
10	QPSK	1	49	16.40	16.35	16.43	16.41	16.40		
10	QPSK	25	0	16.37	16.34	16.46	16.40	16.47	17.4	0
10	QPSK	25	12	16.44	16.45	16.51	16.48	16.38		
10	QPSK	25	25	16.42	16.33	16.47	16.47	16.36		
10	QPSK	50	0	16.33	16.36	16.47	16.38	16.33		
10	16QAM	1	0	16.40	16.48	16.49	16.38	16.48	17.4	0
10	16QAM	1	25	16.27	16.43	16.48	16.39	16.40		
10	16QAM	1	49	16.43	16.28	16.50	16.35	16.29		
10	16QAM	25	0	16.33	16.29	16.44	16.39	16.42	17.4	0
10	16QAM	25	12	16.37	16.45	16.42	16.46	16.41		
10	16QAM	25	25	16.29	16.36	16.33	16.35	16.35		
10	16QAM	50	0	16.39	16.42	16.35	16.34	16.33		
10	64QAM	1	0	16.49	16.34	16.42	16.51	16.42	17.4	0
10	64QAM	1	25	16.27	16.42	16.46	16.46	16.35		
10	64QAM	1	49	16.45	16.32	16.47	16.46	16.40		
10	64QAM	25	0	16.34	16.35	16.43	16.32	16.33	17.4	0
10	64QAM	25	12	16.39	16.34	16.50	16.40	16.42		
10	64QAM	25	25	16.37	16.33	16.35	16.39	16.38		
10	64QAM	50	0	16.37	16.31	16.48	16.35	16.37		
10	256QAM	1	0	16.44	16.36	16.39	16.38	16.43	17.4	0
10	256QAM	1	25	16.22	16.51	16.37	16.43	16.39		
10	256QAM	1	49	16.33	16.29	16.36	16.39	16.29		
10	256QAM	25	0	16.35	16.38	16.49	16.40	16.38	17.4	0
10	256QAM	25	12	16.28	16.34	16.35	16.43	16.39		
10	256QAM	25	25	16.33	16.36	16.28	16.48	16.24		
10	256QAM	50	0	16.34	16.33	16.40	16.48	16.40		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	16.42	16.41	16.48	16.49	16.53	17.40	0
5	QPSK	1	12	16.39	16.39	16.46	16.46	16.37		
5	QPSK	1	24	16.46	16.40	16.46	16.44	16.38		
5	QPSK	12	0	16.40	16.39	16.52	16.44	16.43	17.4	0
5	QPSK	12	7	16.44	16.43	16.46	16.40	16.38		
5	QPSK	12	13	16.45	16.33	16.39	16.45	16.34		
5	QPSK	25	0	16.43	16.38	16.39	16.40	16.33		
5	16QAM	1	0	16.34	16.50	16.46	16.44	16.42	17.4	0
5	16QAM	1	12	16.20	16.41	16.43	16.28	16.44		
5	16QAM	1	24	16.42	16.31	16.50	16.34	16.30		
5	16QAM	12	0	16.26	16.23	16.48	16.37	16.42	17.4	0
5	16QAM	12	7	16.41	16.38	16.41	16.39	16.43		
5	16QAM	12	13	16.33	16.33	16.35	16.40	16.44		
5	16QAM	25	0	16.38	16.37	16.31	16.41	16.29		
5	64QAM	1	0	16.47	16.40	16.48	16.44	16.40	17.4	0
5	64QAM	1	12	16.36	16.38	16.40	16.47	16.34		
5	64QAM	1	24	16.46	16.28	16.48	16.40	16.34		
5	64QAM	12	0	16.32	16.29	16.43	16.32	16.41	17.4	0
5	64QAM	12	7	16.36	16.38	16.51	16.41	16.47		
5	64QAM	12	13	16.38	16.37	16.45	16.42	16.38		
5	64QAM	25	0	16.43	16.36	16.49	16.36	16.33		
5	256QAM	1	0	16.40	16.43	16.46	16.47	16.53	17.4	0
5	256QAM	1	12	16.28	16.45	16.37	16.37	16.35		
5	256QAM	1	24	16.30	16.34	16.42	16.38	16.35		
5	256QAM	12	0	16.32	16.32	16.44	16.40	16.38	17.4	0
5	256QAM	12	7	16.36	16.36	16.36	16.45	16.44		
5	256QAM	12	13	16.39	16.30	16.28	16.44	16.28		
5	256QAM	25	0	16.29	16.29	16.42	16.50	16.41		

GSM1900 Ant 2 DSI2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.85	28.99	28.82	30.50	19.85	19.99	19.82	21.50
GPRS 1 Tx slot	28.79	28.94	28.80	30.50	19.79	19.94	19.80	21.50
GPRS 2 Tx slots	26.11	26.55	26.50	27.50	20.11	20.55	20.50	21.50
GPRS 3 Tx slots	25.05	24.78	24.74	26.00	20.79	20.52	20.48	21.74
GPRS 4 Tx slots	23.49	23.07	23.00	24.00	20.49	20.07	20.00	21.00
EDGE 1 Tx slot	24.67	24.58	24.55	25.50	15.67	15.58	15.55	16.50
EDGE 2 Tx slots	23.57	23.31	23.26	24.50	17.57	17.31	17.26	18.50
EDGE 3 Tx slots	21.86	21.81	21.68	22.50	17.60	17.55	17.42	18.24
EDGE 4 Tx slots	20.02	20.02	19.98	21.00	17.02	17.02	16.98	18.00

Band		WCDMA II Ant 2 DSI2			Tune-up Limit (dBm)	WCDMA IV Ant 2 DSI2			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	21.99	22.05	21.98	23.00	21.22	21.22	21.80	23.00
3GPP Rel 99	RMC 12.2Kbps	22.13	22.15	22.12	23.00	22.06	22.07	22.01	23.00
3GPP Rel 6	HSDPA Subtest-1	21.15	21.09	21.15	22.00	21.04	21.10	20.99	22.00
3GPP Rel 6	HSDPA Subtest-2	21.13	21.13	21.11	22.00	21.11	21.06	21.04	22.00
3GPP Rel 6	HSDPA Subtest-3	20.69	20.62	20.65	21.50	20.59	20.54	20.55	21.50
3GPP Rel 6	HSDPA Subtest-4	20.59	20.63	20.59	21.50	20.60	20.61	20.49	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.11	21.18	21.11	22.00	21.07	21.07	20.95	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.15	21.10	21.13	22.00	21.01	21.05	21.07	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.57	20.65	20.62	21.50	20.55	20.55	20.50	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.61	20.65	20.57	21.50	20.50	20.61	20.46	21.50
3GPP Rel 6	HSUPA Subtest-1	21.12	21.15	21.12	22.00	21.09	21.06	21.07	22.00
3GPP Rel 6	HSUPA Subtest-2	19.13	19.10	19.09	20.00	19.03	19.07	19.02	20.00
3GPP Rel 6	HSUPA Subtest-3	20.11	20.13	20.15	21.00	20.06	20.07	20.06	21.00
3GPP Rel 6	HSUPA Subtest-4	19.13	19.16	19.08	20.00	19.08	19.04	19.00	20.00
3GPP Rel 6	HSUPA Subtest-5	21.13	21.16	21.11	22.00	21.05	21.05	21.03	22.00

Band 2 Ant 2 DSI2

BW [MHz]	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	22.60	22.63	22.58	24	0
20	QPSK	1	49	22.48	22.53	22.46		
20	QPSK	1	99	22.52	22.54	22.54		
20	QPSK	50	0	21.64	21.67	21.60		
20	QPSK	50	24	21.48	21.49	21.52	23	1
20	QPSK	50	50	21.52	21.53	21.46		
20	QPSK	100	0	21.66	21.66	21.62		
20	16QAM	1	0	21.54	21.61	21.56		
20	16QAM	1	49	21.37	21.38	21.53	23	1
20	16QAM	1	99	21.50	21.43	21.44		
20	16QAM	50	0	20.66	20.64	20.54		
20	16QAM	50	24	20.49	20.50	20.47	22	2
20	16QAM	50	50	20.52	20.57	20.43		
20	16QAM	100	0	20.52	20.63	20.67		
20	16QAM	1	0	20.60	20.66	20.50		
20	64QAM	1	49	20.40	20.42	20.53	22	2
20	64QAM	1	99	20.47	20.39	20.45		
20	64QAM	50	0	19.68	19.73	19.58		
20	64QAM	50	24	19.52	19.48	19.54	21	3
20	64QAM	50	50	19.50	19.57	19.41		
20	64QAM	100	0	19.51	19.64	19.59		
20	256QAM	1	0	17.67	17.71	17.58		
20	256QAM	1	49	17.50	17.52	17.48	19	5
20	256QAM	1	99	17.53	17.57	17.43		
20	256QAM	50	0	17.58	17.62	17.62		
20	256QAM	50	24	17.51	17.60	17.53	19	5
20	256QAM	50	50	17.33	17.40	17.54		
20	256QAM	100	0	17.55	17.43	17.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.54	22.51	22.51	24	0
15	QPSK	1	37	22.42	22.42	22.39		
15	QPSK	1	74	22.38	22.42	22.36		
15	QPSK	36	0	21.60	21.56	21.51		
15	QPSK	36	20	21.41	21.34	21.44	23	1
15	QPSK	36	39	21.46	21.40	21.33		
15	QPSK	75	0	21.41	21.59	21.50		
15	16QAM	1	0	21.49	21.53	21.41		
15	16QAM	1	37	21.32	21.24	21.42	23	1
15	16QAM	1	74	21.40	21.34	21.34		
15	16QAM	36	0	20.54	20.53	20.49		
15	16QAM	36	20	20.42	20.36	20.36	22	2
15	16QAM	36	39	20.38	20.51	20.37		
15	16QAM	75	0	20.47	20.58	20.61		
15	64QAM	1	0	20.48	20.56	20.42		
15	64QAM	1	37	20.31	20.35	20.39	22	2
15	64QAM	1	74	20.43	20.29	20.40		
15	64QAM	36	0	19.62	19.67	19.44		
15	64QAM	36	20	19.38	19.39	19.46	21	3
15	64QAM	36	39	19.38	19.54	19.28		
15	64QAM	75	0	19.41	19.52	19.48		
15	256QAM	1	0	17.56	17.67	17.48		
15	256QAM	1	37	17.42	17.38	17.45	19	5
15	256QAM	1	74	17.44	17.45	17.38		
15	256QAM	36	0	17.47	17.49	17.50		
15	256QAM	36	20	17.45	17.55	17.47	19	5
15	256QAM	36	39	17.20	17.33	17.41		
15	256QAM	75	0	17.43	17.35	17.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.45	22.50	22.52	24	0
10	QPSK	1	25	22.34	22.46	22.34		
10	QPSK	1	49	22.42	22.49	22.42		
10	QPSK	25	0	21.58	21.57	21.46		
10	QPSK	25	12	21.42	21.39	21.48	23	1
10	QPSK	25	25	21.45	21.45	21.38		
10	QPSK	50	0	21.45	21.63	21.57		
10	16QAM	1	0	21.45	21.51	21.46		
10	16QAM	1	25	21.32	21.33	21.39	23	1
10	16QAM	1	49	21.36	21.40	21.38		
10	16QAM	25	0	20.61	20.57	20.50		
10	16QAM	25	12	20.43	20.41	20.40	22	2
10	16QAM	25	25	20.47	20.53	20.39		
10	16QAM	50	0	20.38	20.54	20.60		
10	64QAM	1	0	20.52	20.62	20.40		
10	64QAM	1	25	20.27	20.35	20.43	22	2
10	64QAM	1	49	20.36	20.27	20.41		
10	64QAM	25	0	19.65	19.59	19.54		
10	64QAM	25	12	19.39	19.36	19.40	21	3
10	64QAM	25	25	19.37	19.50	19.37		
10	64QAM	50	0	19.44	19.53	19.55		
10	256QAM	1	0	17.44	17.46	17.48		
10	256QAM	1	25	17.44	17.47	17.33	19	5
10	256QAM	1	49	17.48	17.49	17.29		
10	256QAM	25	0	17.44	17.52	17.54		
10	256QAM	25	12	17.34	17.44	17.39	19	5
10	256QAM	25	25	17.25	17.29	17.48		
10	256QAM	50	0	17.47	17.39	17.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.50	22.50	22.51	24	0
5	QPSK	1	12	22.44	22.46	22.33		
5	QPSK	1	24	22.46	22.49	22.35		
5	QPSK	12	0	21.59	21.56	21.48		
5	QPSK	12	7	21.41	21.39	21.44	23	1
5	QPSK	12	13	21.37	21.43	21.34		
5	QPSK	25	0	21.50	21.54	21.53		
5	16QAM	1	0	21.49	21.58	21.46		
5	16QAM	1	12	21.34	21.41	21.48	23	1
5	16QAM	1	24	21.45	21.31	21.39		
5	16QAM	12	0	20.58	20.57	20.49		
5	16QAM	12	7	20.38	20.42	20.42	22	2
5	16QAM	12	13	20.44	20.46	20.36		
5	16QAM	25	0	20.45	20.57	20.61		
5	64QAM	1	0	20.54	20.59	20.42		
5	64QAM	1	12	20.27	20.31	20.48	22	2
5	64QAM	1	24	20.36	20.28	20.31		
5	64QAM	12	0	19.62	19.58	19.50		
5	64QAM	12	7	19.44	19.35	19.32	21	3
5	64QAM	12	13	19.39	19.49	19.35		
5	64QAM	25	0	19.47	19.57	19.47		
5	256QAM	1	0	17.54	17.65	17.45		
5	256QAM	1	12	17.39	17.46	17.39	19	5
5	256QAM	1	24	17.50	17.47	17.39		
5	256QAM	12	0	17.54	17.49	17.48		
5	256QAM	12	7	17.40	17.50	17.39	19	5
5	256QAM	12	13	17.21	17.28	17.42		
5	256QAM	25	0	17.47	17.33	17.38		
Channel				18525	18900	19275	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.51	22.51	22.44	24	0
3	QPSK	1	8	22.34	22.40	22.37		
3	QPSK	1	14	22.47	22.49	22.35		
3	QPSK	8	0	21.57	21.58	21.48		
3	QPSK	8	4	21.37	21.36	21.39	23	1
3	QPSK	8	7	21.47	21.40	21.35		
3	QPSK	15	0	21.49	21.51	21.52		
3	16QAM	1	0	21.43	21.58	21.53		
3	16QAM	1	8	21.23	21.30	21.43	23	1
3	16QAM	1	14	21.39	21.37	21.29		
3	16QAM	8	0	20.58	20.55	20.43		
3	16QAM	8	4	20.37	20.43	20.40	22	2
3	16QAM	8	7	20.38	20.45	20.37		
3	16QAM	15	0	20.43	20.52	20.61		
3	64QAM	1	0	20.53	20.59	20.39		
3	64QAM	1	8	20.26	20.27	20.41	22	2
3	64QAM	1	14	20.33	20.32	20.30		
3	64QAM	8	0	19.56	19.66	19.52		
3	64QAM	8	4	19.40	19.37	19.32	21	3
3	64QAM	8	7	19.47	19.43	19.38		
3	64QAM	15	0	19.44	19.61	19.47		
3	256QAM	1	0	17.59	17.58	17.48		
3	256QAM	1	8	17.43	17.48	17.34	19	5
3	256QAM	1	14	17.39	17.45	17.39		
3	256QAM	8	0	17.48	17.49	17.55		
3	256QAM	8	4	17.37	17.55	17.44	19	5
3	256QAM	8	7	17.20	17.33	17.42		
3	256QAM	15	0	17.43	17.39	17.41		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.52	22.59	22.44	24	0
1.4	QPSK	1	3	22.34	22.43	22.37		
1.4	QPSK	1	5	22.38	22.50	22.34		
1.4	QPSK	3	0	22.40	22.49	22.41		
1.4	QPSK	3	1	22.28	22.39	22.26		
1.4	QPSK	3	3	22.33	22.36	22.29		
1.4	QPSK	6	0	21.43	21.58	21.51	23	1
1.4	16QAM	1	0	21.39	21.48	21.43		
1.4	16QAM	1	3	21.29	21.28	21.43		
1.4	16QAM	1	5	21.37	21.31	21.41	23	1
1.4	16QAM	3	0	21.37	21.52	21.47		
1.4	16QAM	3	1	21.33	21.36	21.34		
1.4	16QAM	3	3	21.16	21.16	21.35		
1.4	16QAM	6	0	20.39	20.53	20.61	22	2
1.4	64QAM	1	0	20.50	20.53	20.37		
1.4	64QAM	1	3	20.26	20.29	20.42		
1.4	64QAM	1	5	20.42	20.29	20.31	22	2
1.4	64QAM	3	0	20.33	20.45	20.50		
1.4	64QAM	3	1	20.47	20.44	20.28		
1.4	64QAM	3	3	20.13	20.25	20.35		
1.4	64QAM	6	0	19.43	19.57	19.49	21	3
1.4	256QAM	1	0	17.63	17.58	17.52		
1.4	256QAM	1	3	17.47	17.42	17.42		
1.4	256QAM	1	5	17.46	17.42	17.30	19	5
1.4	256QAM	3	0	17.53	17.56	17.53		
1.4	256QAM	3	1	17.38	17.46	17.46		
1.4	256QAM	3	3	17.25	17.31	17.43		
1.4	256QAM	6	0	17.44	17.31	17.34	19	5

Band 4 Ant 2 DSI2

BW [MHz]	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	22.50	22.55	22.51	24	0
20	QPSK	1	49	22.46	22.50	22.41		
20	QPSK	1	99	22.48	22.61	22.41		
20	QPSK	50	0	21.45	21.58	21.55		
20	QPSK	50	24	21.52	21.52	21.41	23	1
20	QPSK	50	50	21.51	21.44	21.45		
20	QPSK	100	0	21.56	21.56	21.49		
20	16QAM	1	0	21.42	21.47	21.54		
20	16QAM	1	49	21.43	21.44	21.33	23	1
20	16QAM	1	99	21.48	21.36	21.41		
20	16QAM	50	0	20.48	20.61	20.53		
20	16QAM	50	24	20.52	20.52	20.36	22	2
20	16QAM	50	50	20.51	20.38	20.51		
20	16QAM	100	0	20.49	20.52	20.53		
20	64QAM	1	0	20.38	20.44	20.54		
20	64QAM	1	49	20.47	20.42	20.32	22	2
20	64QAM	1	99	20.54	20.41	20.39		
20	64QAM	50	0	19.44	19.59	19.54		
20	64QAM	50	24	19.56	19.51	19.43	21	3
20	64QAM	50	50	19.53	19.39	19.41		
20	64QAM	100	0	19.52	19.53	19.50		
20	256QAM	1	0	17.44	17.54	17.53		
20	256QAM	1	49	17.56	17.47	17.42	19	5
20	256QAM	1	99	17.51	17.50	17.48		
20	256QAM	50	0	17.52	17.58	17.46		
20	256QAM	50	24	17.38	17.42	17.54	19	5
20	256QAM	50	50	17.47	17.29	17.36		
20	256QAM	100	0	17.53	17.37	17.37		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.42	22.50	22.47	24	0
15	QPSK	1	37	22.47	22.47	22.31		
15	QPSK	1	74	22.40	22.40	22.35		
15	QPSK	36	0	21.37	21.55	21.45		
15	QPSK	36	20	21.47	21.45	21.35	23	1
15	QPSK	36	39	21.47	21.36	21.35		
15	QPSK	75	0	21.44	21.56	21.46		
15	16QAM	1	0	21.36	21.48	21.44		
15	16QAM	1	37	21.44	21.42	21.30	23	1
15	16QAM	1	74	21.40	21.35	21.32		
15	16QAM	36	0	20.47	20.57	20.48		
15	16QAM	36	20	20.51	20.49	20.36	22	2
15	16QAM	36	39	20.48	20.28	20.48		
15	16QAM	75	0	20.50	20.46	20.45		
15	64QAM	1	0	20.29	20.45	20.52		
15	64QAM	1	37	20.36	20.39	20.30	22	2
15	64QAM	1	74	20.47	20.33	20.36		
15	64QAM	36	0	19.41	19.49	19.53		
15	64QAM	36	20	19.57	19.59	19.44	21	3
15	64QAM	36	39	19.50	19.36	19.36		
15	64QAM	75	0	19.45	19.50	19.42		
15	256QAM	1	0	17.39	17.47	17.51		
15	256QAM	1	37	17.55	17.45	17.42	19	5
15	256QAM	1	74	17.47	17.40	17.41		
15	256QAM	36	0	17.50	17.50	17.46		
15	256QAM	36	20	17.38	17.36	17.54	19	5
15	256QAM	36	39	17.39	17.34	17.44		
15	256QAM	75	0	17.48	17.28	17.34		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.47	22.45	22.45	24	0
10	QPSK	1	25	22.40	22.46	22.31		
10	QPSK	1	49	22.47	22.38	22.41		
10	QPSK	25	0	21.40	21.56	21.44		
10	QPSK	25	12	21.53	21.49	21.39	23	1
10	QPSK	25	25	21.40	21.41	21.39		
10	QPSK	50	0	21.40	21.55	21.45		
10	16QAM	1	0	21.31	21.40	21.49		
10	16QAM	1	25	21.43	21.40	21.24	23	1
10	16QAM	1	49	21.39	21.36	21.37		
10	16QAM	25	0	20.47	20.55	20.50		
10	16QAM	25	12	20.48	20.42	20.37	22	2
10	16QAM	25	25	20.46	20.34	20.48		
10	16QAM	50	0	20.44	20.45	20.43		
10	64QAM	1	0	20.28	20.35	20.43		
10	64QAM	1	25	20.42	20.38	20.24	22	2
10	64QAM	1	49	20.53	20.41	20.37		
10	64QAM	25	0	19.41	19.32	19.48		
10	64QAM	25	12	19.52	19.48	19.36	21	3
10	64QAM	25	25	19.51	19.40	19.42		
10	64QAM	50	0	19.48	19.44	19.45		
10	256QAM	1	0	17.37	17.50	17.44		
10	256QAM	1	25	17.56	17.38	17.34	19	5
10	256QAM	1	49	17.51	17.42	17.37		
10	256QAM	25	0	17.52	17.52	17.44		
10	256QAM	25	12	17.36	17.38	17.51	19	5
10	256QAM	25	25	17.45	17.32	17.32		
10	256QAM	50	0	17.53	17.29	17.34		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.39	22.51	22.49	24	0
5	QPSK	1	12	22.44	22.43	22.38		
5	QPSK	1	24	22.43	22.37	22.41		
5	QPSK	12	0	21.41	21.48	21.45		
5	QPSK	12	7	21.41	21.50	21.37	23	1
5	QPSK	12	13	21.43	21.38	21.36		
5	QPSK	25	0	21.47	21.49	21.45		
5	16QAM	1	0	21.42	21.47	21.46		
5	16QAM	1	12	21.37	21.38	21.25	23	1
5	16QAM	1	24	21.42	21.32	21.41		
5	16QAM	12	0	20.49	20.60	20.43		
5	16QAM	12	7	20.50	20.48	20.29	22	2
5	16QAM	12	13	20.45	20.34	20.46		
5	16QAM	25	0	20.41	20.52	20.52		
5	64QAM	1	0	20.37	20.34	20.48		
5	64QAM	1	12	20.46	20.40	20.29	22	2
5	64QAM	1	24	20.55	20.32	20.39		
5	64QAM	12	0	19.34	19.50	19.46		
5	64QAM	12	7	19.53	19.44	19.43	21	3
5	64QAM	12	13	19.50	19.39	19.32		
5	64QAM	25	0	19.49	19.49	19.45		
5	256QAM	1	0	17.44	17.44	17.42		
5	256QAM	1	12	17.51	17.47	17.38	19	5
5	256QAM	1	24	17.52	17.43	17.45		
5	256QAM	12	0	17.46	17.39	17.46		
5	256QAM	12	7	17.27	17.35	17.48	19	5
5	256QAM	12	13	17.40	17.39	17.33		
5	256QAM	25	0	17.49	17.35	17.28		
Channel				19825	20175	20525	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.43	22.48	22.48	24	0
3	QPSK	1	8	22.46	22.47	22.37		
3	QPSK	1	14	22.46	22.44	22.42		
3	QPSK	8	0	21.40	21.52	21.52		
3	QPSK	8	4	21.43	21.50	21.37	23	1
3	QPSK	8	7	21.51	21.35	21.38		
3	QPSK	15	0	21.43	21.49	21.43		
3	16QAM	1	0	21.42	21.49	21.49		
3	16QAM	1	8	21.42	21.39	21.24	23	1
3	16QAM	1	14	21.44	21.33	21.30		
3	16QAM	8	0	20.47	20.59	20.45		
3	16QAM	8	4	20.50	20.44	20.52	22	2
3	16QAM	8	7	20.42	20.29	20.46		
3	16QAM	15	0	20.50	20.43	20.42		
3	64QAM	1	0	20.27	20.34	20.49		
3	64QAM	1	8	20.39	20.37	20.27	22	2
3	64QAM	1	14	20.43	20.37	20.28		
3	64QAM	8	0	19.41	19.52	19.53		
3	64QAM	8	4	19.57	19.51	19.33	21	3
3	64QAM	8	7	19.54	19.28	19.38		
3	64QAM	15	0	19.51	19.47	19.44		
3	256QAM	1	0	17.40	17.48	17.43		
3	256QAM	1	8	17.49	17.37	17.40	19	5
3	256QAM	1	14	17.51	17.42	17.48		
3	256QAM	8	0	17.53	17.47	17.46		
3	256QAM	8	4	17.32	17.32	17.47	19	5
3	256QAM	8	7	17.37	17.33	17.36		
3	256QAM	15	0	17.49	17.27	17.30		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.43	22.46	22.51	24	0
1.4	QPSK	1	3	22.45	22.41	22.36		
1.4	QPSK	1	5	22.38	22.36	22.37		
1.4	QPSK	3	0	22.32	22.46	22.47		
1.4	QPSK	3	1	22.35	22.30	22.36		
1.4	QPSK	3	3	22.30	22.37	22.26		
1.4	QPSK	6	0	21.43	21.49	21.41	23	1
1.4	16QAM	1	0	21.42	21.44	21.51		
1.4	16QAM	1	3	21.35	21.43	21.33		
1.4	16QAM	1	5	21.49	21.34	21.41	23	1
1.4	16QAM	3	0	21.35	21.44	21.42		
1.4	16QAM	3	1	21.33	21.38	21.49		
1.4	16QAM	3	3	21.28	21.41	21.26		
1.4	16QAM	6	0	20.41	20.43	20.51	22	2
1.4	64QAM	1	0	20.28	20.35	20.48		
1.4	64QAM	1	3	20.46	20.36	20.31		
1.4	64QAM	1	5	20.53	20.31	20.39	22	2
1.4	64QAM	3	0	20.41	20.36	20.45		
1.4	64QAM	3	1	20.18	20.31	20.49		
1.4	64QAM	3	3	20.42	20.28	20.31		
1.4	64QAM	6	0	19.51	19.50	19.40	21	3
1.4	256QAM	1	0	17.40	17.54	17.49		
1.4	256QAM	1	3	17.54	17.38	17.43		
1.4	256QAM	1	5	17.51	17.41	17.49	19	5
1.4	256QAM	3	0	17.49	17.50	17.37		
1.4	256QAM	3	1	17.38	17.34	17.54		
1.4	256QAM	3	3	17.46	17.28	17.32		
1.4	256QAM	6	0	17.46	17.33	17.27	19	5

Band 7 Ant 2 DSI2

BW [MHz]	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	22.75	22.80	22.72	24	0
20	QPSK	1	49	22.76	22.69	22.73		
20	QPSK	1	99	22.69	22.77	22.67		
20	QPSK	50	0	21.70	21.80	21.76		
20	QPSK	50	24	21.75	21.65	21.67	23	1
20	QPSK	50	50	21.65	21.69	21.64		
20	QPSK	100	0	21.69	21.76	21.69		
20	16QAM	1	0	21.64	21.73	21.68		
20	16QAM	1	49	21.69	21.60	21.57	23	1
20	16QAM	1	99	21.57	21.59	21.58		
20	16QAM	50	0	20.67	20.77	20.62		
20	16QAM	50	24	20.71	20.69	20.70	22	2
20	16QAM	50	50	20.62	20.75	20.60		
20	16QAM	100	0	20.75	20.70	20.70		

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BW [MHz]	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	22.24	22.38	22.35	23.5	0
20	QPSK	1	49	22.09	22.31	22.25		
20	QPSK	1	99	22.17	22.30	22.26		
20	QPSK	50	0	21.24	21.33	21.23	22.5	1
20	QPSK	50	24	21.14	21.22	21.16		
20	QPSK	50	50	21.14	21.27	21.08		
20	QPSK	100	0	21.10	21.18	21.13		
20	16QAM	1	0	21.10	21.21	21.17	22.5	1
20	16QAM	1	49	21.14	21.27	21.14		
20	16QAM	1	99	21.13	21.27	21.08		
20	16QAM	50	0	20.38	20.51	20.39	21.5	2
20	16QAM	50	24	20.32	20.36	20.31		
20	16QAM	50	50	20.34	20.36	20.25		
20	16QAM	100	0	20.29	20.40	20.26		
20	64QAM	1	0	20.29	20.38	20.31	21.5	2
20	64QAM	1	49	20.34	20.41	20.30		
20	64QAM	1	99	20.26	20.46	20.33		
20	64QAM	50	0	19.30	19.45	19.35	20.5	3
20	64QAM	50	24	19.19	19.34	19.24		
20	64QAM	50	50	19.21	19.36	19.28		
20	64QAM	100	0	19.23	19.33	19.24		
20	256QAM	1	0	17.27	17.36	17.32	18.5	5
20	256QAM	1	49	17.16	17.24	17.23		
20	256QAM	1	99	17.17	17.27	17.24		
20	256QAM	50	0	17.18	17.28	17.17	18.5	5
20	256QAM	50	24	17.21	17.24	17.21		
20	256QAM	50	50	17.19	17.20	17.25		
20	256QAM	100	0	17.12	17.28	17.22		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.19	22.32	22.27	23.5	0
15	QPSK	1	37	22.05	22.17	22.13		
15	QPSK	1	74	22.04	22.23	22.17		
15	QPSK	36	0	21.19	21.21	21.10	22.5	1
15	QPSK	36	20	20.99	21.16	21.09		
15	QPSK	36	39	20.99	21.19	20.97		
15	QPSK	75	0	21.00	21.11	21.05		
15	16QAM	1	0	21.00	21.09	21.07	22.5	1
15	16QAM	1	37	21.02	21.18	21.05		
15	16QAM	1	74	21.05	21.11	21.01		
15	16QAM	36	0	20.32	20.36	20.33	21.5	2
15	16QAM	36	20	20.26	20.31	20.26		
15	16QAM	36	39	20.24	20.22	20.14		
15	16QAM	75	0	20.13	20.33	20.14		
15	64QAM	1	0	20.24	20.31	20.27	21.5	2
15	64QAM	1	37	20.20	20.33	20.15		
15	64QAM	1	74	20.16	20.37	20.21		
15	64QAM	36	0	19.19	19.35	19.22	20.5	3
15	64QAM	36	20	19.08	19.24	19.10		
15	64QAM	36	39	19.15	19.29	19.19		
15	64QAM	75	0	19.10	19.28	19.19		
15	256QAM	1	0	17.20	17.28	17.25	18.5	5
15	256QAM	1	37	17.08	17.09	17.13		
15	256QAM	1	74	17.06	17.11	17.11		
15	256QAM	36	0	17.12	17.22	17.05	18.5	5
15	256QAM	36	20	17.17	17.09	17.16		
15	256QAM	36	39	17.14	17.08	17.16		
15	256QAM	75	0	16.96	17.23	17.08		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.11	22.29	22.22	23.5	0
10	QPSK	1	25	22.03	22.18	22.14		
10	QPSK	1	49	22.04	22.19	22.14		
10	QPSK	25	0	21.12	21.19	21.17	22.5	1
10	QPSK	25	12	21.00	21.08	21.10		
10	QPSK	25	25	21.06	21.22	21.01		
10	QPSK	50	0	21.00	21.10	21.14		
10	16QAM	1	0	20.97	21.13	21.10	22.5	1
10	16QAM	1	25	21.05	21.14	21.10		
10	16QAM	1	49	21.09	21.14	20.98		
10	16QAM	25	0	20.28	20.37	20.33	21.5	2
10	16QAM	25	12	20.17	20.32	20.20		
10	16QAM	25	25	20.20	20.31	20.12		
10	16QAM	50	0	20.16	20.32	20.16		
10	64QAM	1	0	20.14	20.23	20.23	21.5	2
10	64QAM	1	25	20.25	20.36	20.18		
10	64QAM	1	49	20.19	20.38	20.22		
10	64QAM	25	0	19.19	19.38	19.28	20.5	3
10	64QAM	25	12	19.09	19.21	19.18		
10	64QAM	25	25	19.11	19.29	19.20		
10	64QAM	50	0	19.14	19.19	19.09		
10	256QAM	1	0	17.21	17.31	17.17	18.5	5
10	256QAM	1	25	17.04	17.16	17.13		
10	256QAM	1	49	17.02	17.21	17.16		
10	256QAM	25	0	17.07	17.15	17.02	18.5	5
10	256QAM	25	12	17.16	17.14	17.06		
10	256QAM	25	25	17.09	17.07	17.10		
10	256QAM	50	0	17.05	17.16	17.17		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.15	22.24	22.27	23.5	0
5	QPSK	1	12	21.94	22.20	22.17		
5	QPSK	1	24	22.13	22.20	22.20		
5	QPSK	12	0	21.13	21.21	21.17	22.5	1
5	QPSK	12	7	21.01	21.08	21.03		
5	QPSK	12	13	21.04	21.15	20.93		
5	QPSK	25	0	20.98	21.11	21.07		
5	16QAM	1	0	20.95	21.07	21.08	22.5	1
5	16QAM	1	12	21.08	21.12	21.02		
5	16QAM	1	24	21.02	21.20	20.95		
5	16QAM	12	0	20.30	20.46	20.35	21.5	2
5	16QAM	12	7	20.25	20.22	20.21		
5	16QAM	12	13	20.27	20.22	20.11		
5	16QAM	25	0	20.24	20.26	20.10		
5	64QAM	1	0	20.16	20.31	20.23	21.5	2
5	64QAM	1	12	20.23	20.33	20.16		
5	64QAM	1	24	20.21	20.34	20.19		
5	64QAM	12	0	19.26	19.37	19.20	20.5	3
5	64QAM	12	7	19.06	19.24	19.15		
5	64QAM	12	13	19.14	19.22	19.16		
5	64QAM	25	0	19.19	19.19	19.16		
5	256QAM	1	0	17.15	17.20	17.22	18.5	5
5	256QAM	1	12	17.05	17.16	17.13		
5	256QAM	1	24	17.08	17.13	17.10		
5	256QAM	12	0	17.14	17.13	17.02	18.5	5
5	256QAM	12	7	17.06	17.17	17.05		
5	256QAM	12	13	17.06	17.10	17.10		
5	256QAM	25	0	16.97	17.22	17.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	25.22	25.35	25.27	26.5	0
20	QPSK	1	49	25.10	25.20	25.17		
20	QPSK	1	99	25.15	25.23	25.23		
20	QPSK	50	0	24.29	24.43	24.27	25.5	1
20	QPSK	50	24	24.16	24.37	24.20		
20	QPSK	50	50	24.16	24.38	24.14		
20	QPSK	100	0	24.21	24.36	24.12		
20	16QAM	1	0	24.15	24.30	24.20	25.5	1
20	16QAM	1	49	24.18	24.37	24.18		
20	16QAM	1	99	24.24	24.39	24.20		
20	16QAM	50	0	23.32	23.47	23.35	24.5	2
20	16QAM	50	24	23.20	23.40	23.25		
20	16QAM	50	50	23.26	23.31	23.25		
20	16QAM	100	0	23.23	23.41	23.22		
20	64QAM	1	0	23.22	23.43	23.29	24.5	2
20	64QAM	1	49	23.18	23.38	23.29		
20	64QAM	1	99	23.22	23.33	23.22		
20	64QAM	50	0	22.19	22.27	22.19	23.5	3
20	64QAM	50	24	22.28	22.35	22.22		
20	64QAM	50	50	22.18	22.36	22.22		
20	64QAM	100	0	22.23	22.29	22.16		
20	256QAM	1	0	20.45	20.56	20.50	21.5	5
20	256QAM	1	49	20.34	20.51	20.37		
20	256QAM	1	99	20.37	20.47	20.39		
20	256QAM	50	0	20.35	20.45	20.36	21.5	5
20	256QAM	50	24	20.31	20.48	20.40		
20	256QAM	50	50	20.37	20.40	20.38		
20	256QAM	100	0	20.31	20.42	20.38		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	25.17	25.24	25.11	26.5	0
15	QPSK	1	37	24.98	25.13	25.03		
15	QPSK	1	74	25.10	25.09	25.18		
15	QPSK	36	0	24.15	24.35	24.13	25.5	1
15	QPSK	36	20	24.03	24.30	24.14		
15	QPSK	36	39	24.05	24.25	24.09		
15	QPSK	75	0	24.14	24.27	24.03		
15	16QAM	1	0	24.05	24.22	24.05	25.5	1
15	16QAM	1	37	24.05	24.23	24.07		
15	16QAM	1	74	24.18	24.34	24.09		
15	16QAM	36	0	23.26	23.34	23.22	24.5	2
15	16QAM	36	20	23.05	23.32	23.21		
15	16QAM	36	39	23.14	23.17	23.16		
15	16QAM	75	0	23.16	23.28	23.08		
15	64QAM	1	0	23.10	23.34	23.15	24.5	2
15	64QAM	1	37	23.11	23.24	23.22		
15	64QAM	1	74	23.15	23.20	23.06		
15	64QAM	36	0	22.09	22.16	22.09	23.5	3
15	64QAM	36	20	22.17	22.26	22.17		
15	64QAM	36	39	22.11	22.22	22.17		
15	64QAM	75	0	22.14	22.19	22.07		
15	256QAM	1	0	20.30	20.50	20.37	21.5	5
15	256QAM	1	37	20.27	20.37	20.27		
15	256QAM	1	74	20.29	20.32	20.31		
15	256QAM	36	0	20.29	20.31	20.28	21.5	5
15	256QAM	36	20	20.24	20.40	20.33		
15	256QAM	36	39	20.29	20.36	20.28		
15	256QAM	75	0	20.25	20.32	20.30		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	25.06	25.24	25.21	26.5	0
10	QPSK	1	25	24.97	25.09	25.03		
10	QPSK	1	49	25.01	25.17	25.11		
10	QPSK	25	0	24.20	24.29	24.14	25.5	1
10	QPSK	25	12	24.11	24.23	24.13		
10	QPSK	25	25	24.10	24.28	24.01		
10	QPSK	50	0	24.14	24.31	24.03		
10	16QAM	1	0	24.08	24.19	24.08	25.5	1
10	16QAM	1	25	24.08	24.29	24.09		
10	16QAM	1	49	24.16	24.29	24.11		
10	16QAM	25	0	23.28	23.34	23.20	24.5	2
10	16QAM	25	12	23.10	23.31	23.10		
10	16QAM	25	25	23.15	23.21	23.12		
10	16QAM	50	0	23.16	23.32	23.08		
10	64QAM	1	0	23.13	23.38	23.24	24.5	2
10	64QAM	1	25	23.10	23.31	23.22		
10	64QAM	1	49	23.09	23.23	23.08		
10	64QAM	25	0	22.09	22.14	22.05	23.5	3
10	64QAM	25	12	22.16	22.31	22.14		
10	64QAM	25	25	22.03	22.22	22.09		
10	64QAM	50	0	22.17	22.21	22.01		
10	256QAM	1	0	20.34	20.47	20.35	21.5	5
10	256QAM	1	25	20.25	20.45	20.29		
10	256QAM	1	49	20.30	20.36	20.29		
10	256QAM	25	0	20.20	20.37	20.24	21.5	5
10	256QAM	25	12	20.21	20.37	20.30		
10	256QAM	25	25	20.22	20.30	20.31		
10	256QAM	50	0	20.16	20.33	20.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	25.17	25.19	25.19	26.5	0
5	QPSK	1	12	24.96	25.14	25.04		
5	QPSK	1	24	24.99	25.19	25.17		
5	QPSK	12	0	24.18	24.36	24.22	25.5	1
5	QPSK	12	7	24.11	24.33	24.09		
5	QPSK	12	13	24.00	24.33	24.03		
5	QPSK	25	0	24.09	24.29	24.05		
5	16QAM	1	0	24.04	24.21	24.07	25.5	1
5	16QAM	1	12	24.04	24.23	24.02		
5	16QAM	1	24	24.11	24.27	24.05		
5	16QAM	12	0	23.16	23.38	23.20	24.5	2
5	16QAM	12	7	23.08	23.29	23.18		
5	16QAM	12	13	23.14	23.16	23.12		
5	16QAM	25	0	23.18	23.29	23.08		
5	64QAM	1	0	23.13	23.31	23.14	24.5	2
5	64QAM	1	12	23.05	23.24	23.13		
5	64QAM	1	24	23.09	23.23	23.08		
5	64QAM	12	0	22.07	22.15	22.04	23.5	3
5	64QAM	12	7	22.22	22.27	22.16		
5	64QAM	12	13	22.10	22.29	22.10		
5	64QAM	25	0	22.16	22.17	22.07		
5	256QAM	1	0	20.30	20.49	20.45	21.5	5
5	256QAM	1	12	20.25	20.39	20.26		
5	256QAM	1	24	20.22	20.40	20.30		
5	256QAM	12	0	20.31	20.34	20.31	21.5	5
5	256QAM	12	7	20.27	20.34	20.34		
5	256QAM	12	13	20.24	20.34	20.33		
5	256QAM	25	0	20.21	20.29	20.30		

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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	22.38	22.31	22.41	22.39	22.36	23.5	0
20	QPSK	1	49	22.31	22.22	22.35	22.33	22.27		
20	QPSK	1	99	22.31	22.16	22.37	22.33	22.26		
20	QPSK	50	0	21.21	21.29	21.37	21.24	21.28	22.5	1
20	QPSK	50	24	21.16	21.21	21.32	21.18	21.23		
20	QPSK	50	50	21.05	21.24	21.24	21.10	21.23		
20	QPSK	100	0	21.10	21.16	21.26	21.15	21.13		
20	16QAM	1	0	21.14	21.15	21.21	21.16	21.17	22.5	1
20	16QAM	1	49	21.09	21.22	21.29	21.13	21.16		
20	16QAM	1	99	21.11	21.20	21.22	21.18	21.21		
20	16QAM	50	0	20.36	20.36	20.42	20.37	20.33	21.5	2
20	16QAM	50	24	20.24	20.22	20.26	20.26	20.19		
20	16QAM	50	50	20.27	20.24	20.29	20.26	20.28		
20	16QAM	100	0	20.27	20.24	20.26	20.26	20.24		
20	64QAM	1	0	20.24	20.23	20.35	20.27	20.18	21.5	2
20	64QAM	1	49	20.23	20.28	20.31	20.31	20.20		
20	64QAM	1	99	20.27	20.26	20.36	20.29	20.20		
20	64QAM	50	0	19.33	19.22	19.38	19.30	19.27	20.5	3
20	64QAM	50	24	19.17	19.14	19.28	19.24	19.16		
20	64QAM	50	50	19.23	19.08	19.24	19.16	19.21		
20	64QAM	100	0	19.24	19.11	19.32	19.21	19.12		
20	256QAM	1	0	17.10	17.15	17.23	17.14	17.18	18.5	5
20	256QAM	1	49	16.98	17.06	17.07	17.03	17.07		
20	256QAM	1	99	17.04	17.07	17.12	17.07	17.14		
20	256QAM	50	0	17.04	17.09	17.14	17.00	17.11	18.5	5
20	256QAM	50	24	16.94	17.07	17.12	17.04	17.04		
20	256QAM	50	50	17.03	17.06	17.11	17.00	17.10		
20	256QAM	100	0	17.05	17.07	17.15	17.07	17.14		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.28	22.20	22.25	22.30	22.27	23.50	0
15	QPSK	1	37	22.20	22.08	22.30	22.24	22.18		
15	QPSK	1	74	22.25	22.12	22.22	22.28	22.17		
15	QPSK	36	0	21.10	21.21	21.32	21.17	21.20	22.5	1
15	QPSK	36	20	21.11	21.14	21.28	21.07	21.14		
15	QPSK	36	39	20.92	21.15	21.20	20.98	21.19		
15	QPSK	75	0	21.05	21.11	21.18	21.03	21.03		
15	16QAM	1	0	21.03	21.02	21.17	21.04	21.12	22.5	1
15	16QAM	1	37	20.96	21.08	21.25	21.02	21.12		
15	16QAM	1	74	21.00	21.08	21.09	21.04	21.06		
15	16QAM	36	0	20.24	20.22	20.36	20.32	20.26	21.5	2
15	16QAM	36	20	20.16	20.07	20.12	20.19	20.03		
15	16QAM	36	39	20.16	20.09	20.14	20.12	20.12		
15	16QAM	75	0	20.17	20.13	20.10	20.13	20.09		
15	64QAM	1	0	20.15	20.11	20.28	20.15	20.11	21.5	2
15	64QAM	1	37	20.18	20.16	20.15	20.24	20.07		
15	64QAM	1	74	20.15	20.22	20.20	20.14	20.15		
15	64QAM	36	0	19.18	19.06	19.30	19.22	19.15	20.5	3
15	64QAM	36	20	19.02	18.99	19.22	19.17	19.03		
15	64QAM	36	39	19.11	19.03	19.17	19.10	19.17		
15	64QAM	75	0	19.09	19.00	19.20	19.05	19.00		
15	256QAM	1	0	16.96	17.04	17.12	17.00	17.07	18.5	5
15	256QAM	1	37	16.87	17.00	16.91	16.90	16.92		
15	256QAM	1	74	16.95	17.00	17.03	16.99	17.01		
15	256QAM	36	0	16.91	16.96	17.05	16.91	17.04	18.5	5
15	256QAM	36	20	16.88	16.99	16.98	16.97	16.90		
15	256QAM	36	39	16.93	16.92	16.99	16.91	17.01		
15	256QAM	75	0	17.00	16.97	17.04	17.00	17.08		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.23	22.23	22.28	22.28	22.28	23.50	0
10	QPSK	1	25	22.23	22.12	22.30	22.24	22.14		
10	QPSK	1	49	22.26	22.09	22.21	22.27	22.21		
10	QPSK	25	0	21.10	21.17	21.21	21.16	21.18	22.5	1
10	QPSK	25	12	20.99	21.14	21.19	21.03	21.08		
10	QPSK	25	25	20.94	21.09	21.12	21.01	21.14		
10	QPSK	50	0	20.95	21.11	21.19	21.06	20.99		
10	16QAM	1	0	21.08	21.01	21.08	21.09	21.09	22.5	1
10	16QAM	1	25	21.04	21.08	21.18	20.99	21.11		
10	16QAM	1	49	21.00	21.09	21.15	21.10	21.16		
10	16QAM	25	0	20.24	20.28	20.31	20.27	20.27	21.5	2
10	16QAM	25	12	20.13	20.10	20.16	20.14	20.10		
10	16QAM	25	25	20.22	20.15	20.20	20.15	20.13		
10	16QAM	50	0	20.16	20.10	20.15	20.17	20.14		
10	64QAM	1	0	20.10	20.13	20.21	20.20	20.03	21.5	2
10	64QAM	1	25	20.08	20.19	20.20	20.24	20.13		
10	64QAM	1	49	20.18	20.17	20.23	20.23	20.14		
10	64QAM	25	0	19.20	19.07	19.26	19.15	19.16	20.5	3
10	64QAM	25	12	19.01	19.08	19.18	19.09	19.10		
10	64QAM	25	25	19.09	19.03	19.12	19.12	19.07		
10	64QAM	50	0	19.15	19.07	19.21	19.08	18.99		
10	256QAM	1	0	16.97	17.05	17.14	17.08	17.09	18.5	5
10	256QAM	1	25	16.82	16.99	16.97	16.95	17.02		
10	256QAM	1	49	16.94	16.93	16.97	17.01	16.99		
10	256QAM	25	0	16.92	16.94	17.05	16.88	17.02	18.5	5
10	256QAM	25	12	16.82	16.99	17.03	16.98	16.92		
10	256QAM	25	25	16.98	17.00	17.04	16.91	16.97		
10	256QAM	50	0	16.94	17.03	17.04	16.96	17.01		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	22.31	22.18	22.28	22.25	22.29	23.50	0
5	QPSK	1	12	22.18	22.13	22.30	22.18	22.15		
5	QPSK	1	24	22.25	22.01	22.31	22.22	22.17		
5	QPSK	12	0	21.07	21.14	21.27	21.10	21.19	22.5	1
5	QPSK	12	7	21.10	21.05	21.24	21.07	21.10		
5	QPSK	12	13	20.96	21.15	21.18	21.04	21.11		
5	QPSK	25	0	21.03	21.07	21.15	21.04	21.08		
5	16QAM	1	0	21.03	21.01	21.09	21.08	21.03	22.5	1
5	16QAM	1	12	21.03	21.13	21.18	21.00	21.12		
5	16QAM	1	24	20.96	21.05	21.14	21.07	21.14		
5	16QAM	12	0	20.21	20.27	20.31	20.24	20.17	21.5	2
5	16QAM	12	7	20.17	20.17	20.12	20.18	20.09		
5	16QAM	12	13	20.20	20.19	20.18	20.20	20.17		
5	16QAM	25	0	20.19	20.13	20.20	20.14	20.14		
5	64QAM	1	0	20.17	20.09	20.29	20.11	20.03	21.5	2
5	64QAM	1	12	20.14	20.15	20.23	20.22	20.15		
5	64QAM	1	24	20.20	20.18	20.26	20.17	20.08		
5	64QAM	12	0	19.28	19.06	19.34	19.23	19.22	20.5	3
5	64QAM	12	7	19.03	19.01	19.20	19.15	19.01		
5	64QAM	12	13	19.14	18.98	19.13	19.05	19.10		
5	64QAM	25	0	19.08	19.05	19.20	19.07	19.03		
5	256QAM	1	0	16.98	16.99	17.11	17.07	17.08	18.5	5
5	256QAM	1	12	16.84	16.93	17.00	16.99	17.01		
5	256QAM	1	24	16.98	16.96	17.04	17.00	17.05		
5	256QAM	12	0	16.95	16.94	17.04	16.89	17.05	18.5	5
5	256QAM	12	7	16.86	16.95	17.04	16.95	16.98		
5	256QAM	12	13	16.94	16.95	17.01	16.95	17.03		
5	256QAM	25	0	16.90	16.98	17.10	16.96	17.04		

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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	25.38	25.45	25.42	25.31	26.5	0
20	QPSK	1	49	25.25	25.29	25.38	25.35	25.21		
20	QPSK	1	99	25.26	25.33	25.31	25.28	25.19		
20	QPSK	50	0	24.50	24.45	24.55	24.48	24.48	25.5	1
20	QPSK	50	24	24.38	24.39	24.50	24.34	24.43		
20	QPSK	50	50	24.41	24.39	24.45	24.34	24.39		
20	QPSK	100	0	24.39	24.30	24.50	24.43	24.42		
20	16QAM	1	0	24.38	24.39	24.48	24.32	24.38	25.5	1
20	16QAM	1	49	24.39	24.38	24.46	24.37	24.36		
20	16QAM	1	99	24.35	24.38	24.42	24.33	24.38		
20	16QAM	50	0	23.44	23.45	23.53	23.44	23.41	24.5	2
20	16QAM	50	24	23.37	23.32	23.39	23.32	23.26		
20	16QAM	50	50	23.30	23.31	23.39	23.33	23.29		
20	16QAM	100	0	23.30	23.36	23.41	23.36	23.27		
20	64QAM	1	0	23.32	23.41	23.49	23.32	23.27	24.5	2
20	64QAM	1	49	23.38	23.38	23.43	23.38	23.34		
20	64QAM	1	99	23.39	23.36	23.38	23.29	23.32		
20	64QAM	50	0	22.45	22.43	22.51	22.46	22.37	23.5	3
20	64QAM	50	24	22.34	22.35	22.36	22.34	22.30		
20	64QAM	50	50	22.32	22.34	22.40	22.32	22.22		
20	64QAM	100	0	22.32	22.37	22.44	22.34	22.23		
20	256QAM	1	0	20.36	20.45	20.49	20.34	20.41	21.5	5
20	256QAM	1	49	20.30	20.34	20.43	20.19	20.33		
20	256QAM	1	99	20.28	20.37	20.43	20.28	20.33		
20	256QAM	50	0	20.29	20.36	20.40	20.20	20.33	21.5	5
20	256QAM	50	24	20.25	20.29	20.40	20.23	20.37		
20	256QAM	50	50	20.25	20.37	20.37	20.29	20.30		
20	256QAM	100	0	20.27	20.34	20.45	20.26	20.26		
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	25.24	25.24	25.40	25.28	25.16	26.50	0
15	QPSK	1	37	25.19	25.25	25.27	25.28	25.14		
15	QPSK	1	74	25.14	25.22	25.16	25.20	25.07		
15	QPSK	36	0	24.38	24.39	24.45	24.39	24.41	25.5	1
15	QPSK	36	20	24.26	24.30	24.38	24.23	24.33		
15	QPSK	36	39	24.28	24.29	24.30	24.28	24.35		
15	QPSK	75	0	24.25	24.15	24.41	24.30	24.29		
15	16QAM	1	0	24.29	24.30	24.35	24.21	24.25	25.5	1
15	16QAM	1	37	24.33	24.24	24.37	24.28	24.29		
15	16QAM	1	74	24.26	24.29	24.32	24.26	24.31		
15	16QAM	36	0	23.33	23.41	23.44	23.38	23.29	24.5	2
15	16QAM	36	20	23.28	23.28	23.30	23.18	23.10		
15	16QAM	36	39	23.16	23.18	23.34	23.26	23.20		
15	16QAM	75	0	23.16	23.31	23.33	23.30	23.17		
15	64QAM	1	0	23.20	23.33	23.38	23.20	23.21	24.5	2
15	64QAM	1	37	23.30	23.28	23.28	23.30	23.21		
15	64QAM	1	74	23.31	23.25	23.34	23.20	23.18		
15	64QAM	36	0	22.40	22.34	22.40	22.36	22.29	23.5	3
15	64QAM	36	20	22.20	22.22	22.20	22.22	22.16		
15	64QAM	36	39	22.22	22.27	22.29	22.23	22.15		
15	64QAM	75	0	22.23	22.30	22.35	22.28	22.12		
15	256QAM	1	0	20.23	20.36	20.37	20.19	20.34	21.5	5
15	256QAM	1	37	20.23	20.25	20.36	20.08	20.21		
15	256QAM	1	74	20.16	20.26	20.27	20.14	20.26		
15	256QAM	36	0	20.17	20.24	20.35	20.05	20.28	21.5	5
15	256QAM	36	20	20.17	20.24	20.26	20.16	20.30		
15	256QAM	36	39	20.12	20.28	20.25	20.18	20.21		
15	256QAM	75	0	20.14	20.26	20.39	20.20	20.18		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.31	25.30	25.35	25.29	25.15	26.50	0
10	QPSK	1	25	25.14	25.25	25.27	25.23	25.12		
10	QPSK	1	49	25.19	25.20	25.25	25.19	25.14		
10	QPSK	25	0	24.42	24.34	24.49	24.34	24.33	25.5	1
10	QPSK	25	12	24.34	24.32	24.45	24.18	24.38		
10	QPSK	25	25	24.30	24.25	24.37	24.21	24.33		
10	QPSK	50	0	24.31	24.14	24.37	24.37	24.37		
10	16QAM	1	0	24.30	24.34	24.34	24.24	24.23	25.5	1
10	16QAM	1	25	24.33	24.25	24.38	24.30	24.23		
10	16QAM	1	49	24.24	24.27	24.32	24.23	24.32		
10	16QAM	25	0	23.33	23.38	23.41	23.29	23.30	24.5	2
10	16QAM	25	12	23.29	23.22	23.32	23.19	23.19		
10	16QAM	25	25	23.21	23.21	23.23	23.29	23.24		
10	16QAM	50	0	23.15	23.24	23.28	23.31	23.15		
10	64QAM	1	0	23.25	23.26	23.37	23.27	23.15	24.5	2
10	64QAM	1	25	23.26	23.27	23.32	23.28	23.27		
10	64QAM	1	49	23.28	23.22	23.31	23.23	23.16		
10	64QAM	25	0	22.37	22.31	22.41	22.30	22.29	23.5	3
10	64QAM	25	12	22.21	22.20	22.30	22.20	22.19		
10	64QAM	25	25	22.16	22.24	22.26	22.22	22.16		
10	64QAM	50	0	22.17	22.24	22.28	22.19	22.10		
10	256QAM	1	0	20.29	20.30	20.41	20.24	20.29	21.5	5
10	256QAM	1	25	20.26	20.22	20.36	20.03	20.18		
10	256QAM	1	49	20.18	20.26	20.37	20.22	20.23		
10	256QAM	25	0	20.18	20.31	20.26	20.15	20.17	21.5	5
10	256QAM	25	12	20.11	20.19	20.31	20.09	20.30		
10	256QAM	25	25	20.14	20.27	20.27	20.18	20.23		
10	256QAM	50	0	20.22	20.22	20.41	20.17	20.14		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	25.26	25.30	25.40	25.27	25.20	26.50	0
5	QPSK	1	12	25.13	25.21	25.25	25.20	25.13		
5	QPSK	1	24	25.14	25.25	25.27	25.22	25.11		
5	QPSK	12	0	24.41	24.39	24.47	24.34	24.42	25.5	1
5	QPSK	12	7	24.28	24.27	24.38	24.30	24.32		
5	QPSK	12	13	24.35	24.27	24.34	24.25	24.33		
5	QPSK	25	0	24.30	24.19	24.45	24.35	24.35		
5	16QAM	1	0	24.26	24.26	24.33	24.18	24.29	25.5	1
5	16QAM	1	12	24.34	24.23	24.37	24.24	24.26		
5	16QAM	1	24	24.21	24.25	24.33	24.26	24.28		
5	16QAM	12	0	23.34	23.35	23.46	23.38	23.37	24.5	2
5	16QAM	12	7	23.29	23.21	23.33	23.19	23.16		
5	16QAM	12	13	23.22	23.25	23.32	23.27	23.21		
5	16QAM	25	0	23.25	23.21	23.31	23.30	23.16		
5	64QAM	1	0	23.25	23.29	23.44	23.21	23.17	24.5	2
5	64QAM	1	12	23.28	23.31	23.32	23.32	23.27		
5	64QAM	1	24	23.28	23.29	23.25	23.21	23.26		
5	64QAM	12	0	22.41	22.29	22.46	22.36	22.24	23.5	3
5	64QAM	12	7	22.24	22.20	22.32	22.28	22.24		
5	64QAM	12	13	22.25	22.28	22.30	22.28	22.13		
5	64QAM	25	0	22.18	22.29	22.31	22.29	22.17		
5	256QAM	1	0	20.20	20.36	20.45	20.19	20.33	21.5	5
5	256QAM	1	12	20.18	20.26	20.27	20.10	20.26		
5	256QAM	1	24	20.13	20.26	20.27	20.16	20.19		
5	256QAM	12	0	20.17	20.24	20.33	20.15	20.24	21.5	5
5	256QAM	12	7	20.11	20.20	20.29	20.14	20.23		
5	256QAM	12	13	20.15	20.25	20.25	20.21	20.16		
5	256QAM	25	0	20.21	20.20	20.30	20.19	20.15		

Band 42 Ant 7 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	18.15	18.24	18.17		
20	QPSK	1	49	18.11	18.15	18.03	19.2	0
20	QPSK	1	99	18.06	18.16	18.08		
20	QPSK	50	0	18.14	18.17	18.11		
20	QPSK	50	24	18.08	18.10	18.04	19.2	0
20	QPSK	50	50	18.04	18.07	18.06		
20	QPSK	100	0	18.16	18.17	18.16		
20	16QAM	1	0	18.07	18.19	18.09		
20	16QAM	1	49	18.15	18.08	18.09	19.2	0
20	16QAM	1	99	18.04	18.08	18.06		
20	16QAM	50	0	18.11	18.09	17.96		
20	16QAM	50	24	18.03	18.13	18.04	19.2	0
20	16QAM	50	50	18.06	17.98	18.02		
20	16QAM	100	0	18.05	18.12	18.03		
20	64QAM	1	0	18.10	18.23	18.07		
20	64QAM	1	49	18.01	18.03	18.13	19.2	0
20	64QAM	1	99	18.06	18.16	18.06		
20	64QAM	50	0	17.95	18.09	18.12		
20	64QAM	50	24	17.97	17.96	17.96	19.2	0
20	64QAM	50	50	17.89	18.07	18.08		
20	64QAM	100	0	18.00	18.09	17.95		
20	256QAM	1	0	18.04	18.01	18.00		
20	256QAM	1	49	17.86	17.98	17.95	19	0.2
20	256QAM	1	99	17.86	18.02	17.85		
20	256QAM	50	0	17.85	17.93	17.89		
20	256QAM	50	24	17.88	17.90	17.92	19	0.2
20	256QAM	50	50	17.84	17.95	17.84		
20	256QAM	100	0	17.92	18.06	17.91		
Channel				43165	43340	43515	Tune-up limit	MPR
Frequency (MHz)				3557.5	3575	3592.5	(dBm)	(dB)
15	QPSK	1	0	18.14	18.20	18.16		
15	QPSK	1	37	18.02	18.08	17.96	19.2	0
15	QPSK	1	74	18.06	18.16	18.09		
15	QPSK	36	0	18.09	18.15	18.12		
15	QPSK	36	20	18.01	18.00	18.04	19.2	0
15	QPSK	36	39	17.99	17.97	18.02		
15	QPSK	75	0	18.12	18.12	18.16		
15	16QAM	1	0	18.07	18.10	18.03		
15	16QAM	1	37	18.07	18.05	18.00	19.2	0
15	16QAM	1	74	17.94	18.02	18.03		
15	16QAM	36	0	18.04	17.98	17.89		
15	16QAM	36	20	17.95	18.05	17.98	19.2	0
15	16QAM	36	39	18.01	17.98	17.99		
15	16QAM	75	0	18.05	18.05	17.96		
15	64QAM	1	0	18.05	18.20	17.97		
15	64QAM	1	37	17.94	18.02	18.08	19.2	0
15	64QAM	1	74	18.00	18.12	18.03		
15	64QAM	36	0	17.87	18.02	18.13		
15	64QAM	36	20	17.89	17.92	17.86	19.2	0
15	64QAM	36	39	17.79	18.00	17.97		
15	64QAM	75	0	17.90	18.06	17.89		
15	256QAM	1	0	18.03	17.98	18.01		
15	256QAM	1	37	17.85	17.92	17.93	19	0.2
15	256QAM	1	74	17.82	18.01	17.76		
15	256QAM	36	0	17.74	17.91	17.85		
15	256QAM	36	20	17.78	17.85	17.84	19	0.2
15	256QAM	36	39	17.74	17.91	17.76		
15	256QAM	75	0	17.93	17.99	17.86		
Channel				43140	43340	43540	Tune-up limit	MPR
Frequency (MHz)				3550	3575	3595	(dBm)	(dB)
10	QPSK	1	0	18.07	18.21	18.13		
10	QPSK	1	25	18.03	18.08	18.03	19.2	0
10	QPSK	1	49	18.04	18.14	17.98		
10	QPSK	25	0	18.06	18.16	18.02		
10	QPSK	25	12	18.01	18.03	17.97	19.2	0
10	QPSK	25	25	17.95	17.97	18.04		
10	QPSK	50	0	18.12	18.06	18.12		
10	16QAM	1	0	17.97	18.19	18.01		
10	16QAM	1	25	18.09	17.97	18.04	19.2	0
10	16QAM	1	49	18.03	18.02	18.02		
10	16QAM	25	0	18.10	18.08	17.91		
10	16QAM	25	12	17.92	18.12	18.01	19.2	0
10	16QAM	25	25	17.97	17.92	17.92		
10	16QAM	50	0	18.05	18.08	18.02		
10	64QAM	1	0	18.01	18.18	17.97		
10	64QAM	1	25	17.92	17.94	18.06	19.2	0
10	64QAM	1	49	18.06	18.17	18.04		
10	64QAM	25	0	17.94	18.03	18.03		
10	64QAM	25	12	17.94	17.96	17.95	19.2	0
10	64QAM	25	25	17.90	18.07	18.01		
10	64QAM	50	0	17.93	18.00	17.85		
10	256QAM	1	0	18.03	18.02	17.93		
10	256QAM	1	25	17.84	17.88	17.85	19	0.2
10	256QAM	1	49	17.82	17.97	17.76		
10	256QAM	25	0	17.77	17.86	17.80		
10	256QAM	25	12	17.82	17.88	17.83	19	0.2
10	256QAM	25	25	17.75	17.90	17.80		
10	256QAM	50	0	17.82	18.05	17.84		
Channel				43115	43340	43565	Tune-up limit	MPR
Frequency (MHz)				3542.5	3575	3597.5	(dBm)	(dB)
5	QPSK	1	0	18.14	18.20	18.14		
5	QPSK	1	12	18.07	18.11	18.00	19.2	0
5	QPSK	1	24	18.05	18.13	17.99		
5	QPSK	12	0	18.11	18.11	18.01		
5	QPSK	12	7	18.05	18.06	17.95	19.2	0
5	QPSK	12	13	17.98	17.96	17.96		
5	QPSK	25	0	18.07	18.09	18.15		
5	16QAM	1	0	18.03	18.13	18.08		
5	16QAM	1	12	18.07	18.01	18.03	19.2	0
5	16QAM	1	24	18.00	18.03	18.04		
5	16QAM	12	0	18.11	18.06	17.88		
5	16QAM	12	7	17.95	18.04	17.98	19.2	0
5	16QAM	12	13	17.96	17.92	18.01		
5	16QAM	25	0	18.04	18.08	17.97		
5	64QAM	1	0	18.10	18.23	18.03		
5	64QAM	1	12	17.94	17.96	18.10	19.2	0
5	64QAM	1	24	18.02	18.10	18.02		
5	64QAM	12	0	17.89	17.98	18.11		
5	64QAM	12	7	17.98	17.89	17.90	19.2	0
5	64QAM	12	13	17.90	17.99	18.08		
5	64QAM	25	0	17.94	18.04	17.93		
5	256QAM	1	0	17.93	17.97	17.97		
5	256QAM	1	12	17.82	17.93	17.91	19	0.2
5	256QAM	1	24	17.75	17.97	17.85		
5	256QAM	12	0	17.81	17.87	17.79		
5	256QAM	12	7	17.80	17.82	17.82	19	0.2
5	256QAM	12	13	17.85	17.91	17.75		
5	256QAM	25	0	17.90	17.95	17.87		

Band 42 Part 27Q Ant 7 DSI2

BW [MHz]	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	18.20	18.25	18.23		
20	QPSK	1	49	18.19	18.18	18.14	19.2	0
20	QPSK	1	99	18.09	18.24	18.16		
20	QPSK	50	0	18.15	18.22	18.13		
20	QPSK	50	24	18.15	18.21	18.13	19.2	0
20	QPSK	50	50	18.12	18.18	18.13		
20	QPSK	100	0	18.19	18.21	18.19		
20	16QAM	1	0	18.17	18.19	18.18		
20	16QAM	1	49	18.18	18.08	18.12	19.2	0
20	16QAM	1	99	18.05	18.13	18.16		
20	16QAM	50	0	18.11	18.12	18.03		
20	16QAM	50	24	18.11	18.20	18.07	19.2	0
20	16QAM	50	50	18.06	18.08	18.03		
20	16QAM	100	0	18.14	18.22	18.13		
20	64QAM	1	0	18.18	18.16	18.14		
20	64QAM	1	49	18.11	18.10	18.14	19.2	0
20	64QAM	1	99	18.06	18.24	18.06		
20	64QAM	50	0	18.05	18.14	18.13		
20	64QAM	50	24	18.04	18.04	17.98	19.2	0
20	64QAM	50	50	18.00	18.10	18.09		
20	64QAM	100	0	18.08	18.15	18.01		
20	256QAM	1	0	18.03	18.10	18.06		
20	256QAM	1	49	17.93	18.03	17.94	19	0.2
20	256QAM	1	99	17.92	18.09	17.94		
20	256QAM	50	0	17.90	18.00	17.95		
20	256QAM	50	24	17.90	17.97	17.92	19	0.2
20	256QAM	50	50	17.89	18.04	17.93		
20	256QAM	100	0	17.97	18.07	17.99		
Channel				42165	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	18.11	18.17	18.17		
15	QPSK	1	37	18.09	18.09	18.05	19.2	0
15	QPSK	1	74	18.07	18.13	18.13		
15	QPSK	36	0	18.10	18.17	18.04		
15	QPSK	36	20	18.14	18.20	18.14	19.2	0
15	QPSK	36	39	18.11	18.19	18.08		
15	QPSK	75	0	18.18	18.21	18.12		
15	16QAM	1	0	18.17	18.16	18.10		
15	16QAM	1	37	18.12	18.03	18.11	19.2	0
15	16QAM	1	74	18.04	18.12	18.06		
15	16QAM	36	0	18.09	18.02	17.96		
15	16QAM	36	20	18.09	18.15	18.03	19.2	0
15	16QAM	36	39	17.98	18.04	17.99		
15	16QAM	75	0	18.04	18.12	18.13		
15	64QAM	1	0	18.13	18.24	18.11		
15	64QAM	1	37	18.03	18.05	18.05	19.2	0
15	64QAM	1	74	18.04	18.14	18.07		
15	64QAM	36	0	17.95	18.04	18.12		
15	64QAM	36	20	18.00	18.04	17.92	19.2	0
15	64QAM	36	39	18.01	18.02	18.07		
15	64QAM	75	0	18.04	18.15	17.94		
15	256QAM	1	0	17.92	18.08	18.00		
15	256QAM	1	37	17.85	18.02	17.91	19	0.2
15	256QAM	1	74	17.87	18.08	17.94		
15	256QAM	36	0	17.89	17.95	17.85		
15	256QAM	36	20	17.83	17.86	17.88	19	0.2
15	256QAM	36	39	17.84	17.98	17.85		
15	256QAM	75	0	17.87	18.03	17.96		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	18.13	18.19	18.15		
10	QPSK	1	25	18.20	18.12	18.08	19.2	0
10	QPSK	1	49	18.06	18.16	18.09		
10	QPSK	25	0	18.10	18.14	18.03		
10	QPSK	25	12	18.09	18.18	18.13	19.2	0
10	QPSK	25	25	18.02	18.17	18.08		
10	QPSK	50	0	18.16	18.11	18.14		
10	16QAM	1	0	18.08	18.12	18.12		
10	16QAM	1	25	18.10	17.99	18.13	19.2	0
10	16QAM	1	49	18.00	18.14	18.16		
10	16QAM	25	0	18.04	18.06	18.04		
10	16QAM	25	12	18.09	18.10	18.04	19.2	0
10	16QAM	25	25	18.07	18.04	17.99		
10	16QAM	50	0	18.03	18.13	18.06		
10	64QAM	1	0	18.16	18.23	18.10		
10	64QAM	1	25	18.00	18.01	18.08	19.2	0
10	64QAM	1	49	18.04	18.15	17.96		
10	64QAM	25	0	18.06	18.13	18.04		
10	64QAM	25	12	18.02	17.97	17.97	19.2	0
10	64QAM	25	25	17.96	18.07	18.03		
10	64QAM	50	0	17.99	18.12	18.02		
10	256QAM	1	0	18.01	18.08	18.05		
10	256QAM	1	25	17.88	18.02	17.90	19	0.2
10	256QAM	1	49	17.86	18.05	17.85		
10	256QAM	25	0	17.80	17.96	17.93		
10	256QAM	25	12	17.86	17.89	17.86	19	0.2
10	256QAM	25	25	17.84	18.02	17.91		
10	256QAM	50	0	17.96	18.05	17.95		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	18.19	18.22	18.16		
5	QPSK	1	12	18.09	18.15	18.14	19.2	0
5	QPSK	1	24	18.08	18.17	18.06		
5	QPSK	12	0	18.07	18.21	18.02		
5	QPSK	12	7	18.14	18.11	18.06	19.2	0
5	QPSK	12	13	18.11	18.10	18.03		
5	QPSK	25	0	18.15	18.10	18.10		
5	16QAM	1	0	18.08	18.15	18.17		
5	16QAM	1	12	18.17	18.01	18.04	19.2	0
5	16QAM	1	24	17.94	18.08	18.15		
5	16QAM	12	0	18.03	18.01	17.98		
5	16QAM	12	7	18.12	18.16	18.03	19.2	0
5	16QAM	12	13	17.95	17.98	17.96		
5	16QAM	25	0	18.13	18.13	18.10		
5	64QAM	1	0	18.17	18.20	18.13		
5	64QAM	1	12	18.04	17.99	18.11	19.2	0
5	64QAM	1	24	18.06	18.17	18.01		
5	64QAM	12	0	18.05	18.13	18.05		
5	64QAM	12	7	18.03	17.94	17.97	19.2	0
5	64QAM	12	13	17.96	18.07	18.08		
5	64QAM	25	0	18.07	18.10	18.02		
5	256QAM	1	0	18.03	17.99	18.05		
5	256QAM	1	12	17.92	17.93	17.95	19	0.2
5	256QAM	1	24	17.89	18.01	17.94		
5	256QAM	12	0	17.90	17.99	17.92		
5	256QAM	12	7	17.83	17.90	17.87	19	0.2
5	256QAM	12	13	17.88	17.99	17.89		
5	256QAM	25	0	17.90	18.03	17.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44215	44240		
Frequency (MHz)				3690	3692.5	3695		
20	QPSK	1	0	18.29	18.33	18.24	19.2	0
20	QPSK	1	49	18.21	18.27	18.21		
20	QPSK	1	99	18.24	18.26	18.19		
20	QPSK	50	0	18.19	18.32	18.25	19.2	0
20	QPSK	50	24	18.25	18.16	18.30		
20	QPSK	50	50	18.11	18.26	18.22		
20	QPSK	100	0	18.12	18.22	18.14		
20	16QAM	1	0	18.13	18.17	18.17	19.2	0
20	16QAM	1	49	18.13	18.19	18.14		
20	16QAM	1	99	18.29	18.18	18.26		
20	16QAM	50	0	18.19	18.26	18.25	19.2	0
20	16QAM	50	24	18.21	18.15	18.20		
20	16QAM	50	50	18.11	18.22	18.16		
20	16QAM	100	0	18.18	18.21	18.17		
20	64QAM	1	0	18.23	18.21	18.14	19.2	0
20	64QAM	1	49	18.21	18.24	18.14		
20	64QAM	1	99	18.13	18.14	18.25		
20	64QAM	50	0	18.13	18.15	18.20	19.2	0
20	64QAM	50	24	18.23	18.24	18.07		
20	64QAM	50	50	18.13	18.10	18.19		
20	64QAM	100	0	18.10	18.18	18.18		
20	256QAM	1	0	18.06	18.20	18.03	19	0.2
20	256QAM	1	49	18.10	18.05	18.07		
20	256QAM	1	99	18.06	17.93	18.11		
20	256QAM	50	0	18.02	18.02	17.99	19	0.2
20	256QAM	50	24	18.10	18.08	18.09		
20	256QAM	50	50	17.96	17.98	17.98		
20	256QAM	100	0	17.96	17.98	18.04		
Channel				44165	44215	44265	Tune-up limit	MPR
Frequency (MHz)				3687.5	3692.5	3697.5	(dBm)	(dB)
15	QPSK	1	0	18.21	18.25	18.25	19.2	0
15	QPSK	1	37	18.14	18.23	18.11		
15	QPSK	1	74	18.22	18.18	18.14		
15	QPSK	36	0	18.10	18.31	18.16	19.2	0
15	QPSK	36	20	18.19	18.05	18.29		
15	QPSK	36	39	18.06	18.26	18.13		
15	QPSK	75	0	18.02	18.15	18.15		
15	16QAM	1	0	18.11	18.07	18.11	19.2	0
15	16QAM	1	37	18.11	18.15	18.10		
15	16QAM	1	74	18.19	18.11	18.15		
15	16QAM	36	0	18.13	18.18	18.22	19.2	0
15	16QAM	36	20	18.15	18.07	18.20		
15	16QAM	36	39	18.04	18.12	18.10		
15	16QAM	75	0	18.15	18.19	18.14		
15	64QAM	1	0	18.17	18.14	18.09	19.2	0
15	64QAM	1	37	18.10	18.19	18.09		
15	64QAM	1	74	18.14	18.10	18.25		
15	64QAM	36	0	18.10	18.07	18.11	19.2	0
15	64QAM	36	20	18.23	18.13	17.99		
15	64QAM	36	39	18.09	18.05	18.09		
15	64QAM	75	0	18.07	18.14	18.10		
15	256QAM	1	0	18.05	18.17	17.96	19	0.2
15	256QAM	1	37	18.07	18.00	18.00		
15	256QAM	1	74	17.99	17.85	18.06		
15	256QAM	36	0	17.97	17.99	17.92	19	0.2
15	256QAM	36	20	18.10	18.05	18.06		
15	256QAM	36	39	17.87	17.92	17.95		
15	256QAM	75	0	17.86	17.97	18.00		
Channel				44140	44215	44290	Tune-up limit	MPR
Frequency (MHz)				3685	3692.5	3700	(dBm)	(dB)
10	QPSK	1	0	18.28	18.30	18.18	19.2	0
10	QPSK	1	25	18.17	18.16	18.21		
10	QPSK	1	49	18.25	18.18	18.12		
10	QPSK	25	0	18.17	18.23	18.16	19.2	0
10	QPSK	25	12	18.23	18.10	18.27		
10	QPSK	25	25	18.03	18.18	18.11		
10	QPSK	50	0	18.07	18.13	18.04		
10	16QAM	1	0	18.04	18.11	18.11	19.2	0
10	16QAM	1	25	18.06	18.17	18.11		
10	16QAM	1	49	18.29	18.11	18.24		
10	16QAM	25	0	18.18	18.23	18.26	19.2	0
10	16QAM	25	12	18.13	18.10	18.16		
10	16QAM	25	25	18.07	18.14	18.05		
10	16QAM	50	0	18.18	18.14	18.10		
10	64QAM	1	0	18.16	18.12	18.13	19.2	0
10	64QAM	1	25	18.14	18.14	18.10		
10	64QAM	1	49	18.13	18.14	18.26		
10	64QAM	25	0	18.06	18.06	18.16	19.2	0
10	64QAM	25	12	18.14	18.16	18.07		
10	64QAM	25	25	18.07	18.04	18.12		
10	64QAM	50	0	18.00	18.13	18.19		
10	256QAM	1	0	17.99	18.14	17.97	19	0.2
10	256QAM	1	25	18.08	17.96	18.04		
10	256QAM	1	49	18.01	17.90	18.02		
10	256QAM	25	0	18.03	17.95	17.92	19	0.2
10	256QAM	25	12	18.04	18.02	18.03		
10	256QAM	25	25	17.93	17.92	17.90		
10	256QAM	50	0	17.89	17.96	17.98		
Channel				44115	44215	44315	Tune-up limit	MPR
Frequency (MHz)				3682.5	3692.5	3702.5	(dBm)	(dB)
5	QPSK	1	0	18.30	18.28	18.16	19.2	0
5	QPSK	1	12	18.15	18.24	18.19		
5	QPSK	1	24	18.15	18.20	18.20		
5	QPSK	12	0	18.19	18.27	18.20	19.2	0
5	QPSK	12	7	18.26	18.08	18.30		
5	QPSK	12	13	18.05	18.22	18.15		
5	QPSK	25	0	18.08	18.18	18.13		
5	16QAM	1	0	18.13	18.18	18.11	19.2	0
5	16QAM	1	12	18.12	18.11	18.12		
5	16QAM	1	24	18.22	18.12	18.17		
5	16QAM	12	0	18.13	18.17	18.19	19.2	0
5	16QAM	12	7	18.20	18.14	18.15		
5	16QAM	12	13	18.08	18.12	18.12		
5	16QAM	25	0	18.10	18.19	18.17		
5	64QAM	1	0	18.24	18.12	18.07	19.2	0
5	64QAM	1	12	18.22	18.23	18.09		
5	64QAM	1	24	18.03	18.13	18.22		
5	64QAM	12	0	18.05	18.08	18.16	19.2	0
5	64QAM	12	7	18.24	18.23	18.06		
5	64QAM	12	13	18.06	18.07	18.12		
5	64QAM	25	0	18.02	18.13	18.17		
5	256QAM	1	0	17.97	18.21	18.02	19	0.2
5	256QAM	1	12	18.10	17.98	17.99		
5	256QAM	1	24	18.04	17.86	18.08		
5	256QAM	12	0	18.01	17.98	17.99	19	0.2
5	256QAM	12	7	18.06	18.06	18.08		
5	256QAM	12	13	17.90	17.97	17.89		
5	256QAM	25	0	17.85	17.88	18.04		

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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	18.31	18.35	18.33	18.28	19.2	0
20	QPSK	1	49	18.31	18.33	18.25	18.25		
20	QPSK	1	99	18.29	18.27	18.29	18.28		
20	QPSK	50	0	18.28	18.34	18.28	18.19	19.2	0
20	QPSK	50	24	18.28	18.26	18.32	18.22		
20	QPSK	50	50	18.20	18.28	18.25	18.18		
20	QPSK	100	0	18.21	18.25	18.23	18.21		
20	16QAM	1	0	18.23	18.27	18.23	18.18	19.2	0
20	16QAM	1	49	18.22	18.25	18.21	18.18		
20	16QAM	1	99	18.29	18.22	18.26	18.21		
20	16QAM	50	0	18.29	18.34	18.28	18.12	19.2	0
20	16QAM	50	24	18.20	18.16	18.29	18.18		
20	16QAM	50	50	18.13	18.27	18.19	18.12		
20	16QAM	100	0	18.19	18.25	18.21	18.14		
20	64QAM	1	0	18.24	18.24	18.25	18.25	19.2	0
20	64QAM	1	49	18.26	18.24	18.15	18.20		
20	64QAM	1	99	18.22	18.21	18.30	18.24		
20	64QAM	50	0	18.15	18.20	18.26	18.18	19.2	0
20	64QAM	50	24	18.23	18.29	18.09	18.21		
20	64QAM	50	50	18.24	18.20	18.24	18.17		
20	64QAM	100	0	18.17	18.24	18.23	18.13		
20	256QAM	1	0	18.08	18.21	18.08	18.05	19	0.2
20	256QAM	1	49	18.16	18.14	18.08	18.07		
20	256QAM	1	99	18.14	18.03	18.14	18.07		
20	256QAM	50	0	18.03	18.10	18.07	17.94	19	0.2
20	256QAM	50	24	18.09	18.08	18.10	18.00		
20	256QAM	50	50	17.96	18.04	18.08	18.00		
20	256QAM	100	0	18.01	18.01	18.07	18.05		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	18.23	18.29	18.29	18.18	19.2	0
15	QPSK	1	37	18.21	18.30	18.24	18.19		
15	QPSK	1	74	18.30	18.21	18.29	18.25		
15	QPSK	36	0	18.24	18.24	18.27	18.09	19.2	0
15	QPSK	36	20	18.27	18.21	18.32	18.13		
15	QPSK	36	39	18.15	18.21	18.15	18.10		
15	QPSK	75	0	18.17	18.15	18.22	18.12		
15	16QAM	1	0	18.14	18.26	18.23	18.10	19.2	0
15	16QAM	1	37	18.21	18.19	18.14	18.12		
15	16QAM	1	74	18.29	18.21	18.27	18.12		
15	16QAM	36	0	18.20	18.26	18.25	18.09	19.2	0
15	16QAM	36	20	18.17	18.10	18.25	18.12		
15	16QAM	36	39	18.07	18.18	18.17	18.09		
15	16QAM	75	0	18.13	18.25	18.15	18.12		
15	64QAM	1	0	18.22	18.21	18.20	18.22	19.2	0
15	64QAM	1	37	18.19	18.23	18.13	18.14		
15	64QAM	1	74	18.16	18.19	18.26	18.22		
15	64QAM	36	0	18.11	18.13	18.19	18.09	19.2	0
15	64QAM	36	20	18.23	18.27	18.05	18.11		
15	64QAM	36	39	18.20	18.19	18.23	18.14		
15	64QAM	75	0	18.15	18.17	18.18	18.08		
15	256QAM	1	0	17.98	18.13	18.05	17.94	19	0.2
15	256QAM	1	37	18.07	18.10	18.00	18.03		
15	256QAM	1	74	18.04	17.94	18.13	18.00		
15	256QAM	36	0	17.98	17.99	17.99	17.89	19	0.2
15	256QAM	36	20	18.10	17.99	18.07	17.90		
15	256QAM	36	39	17.96	17.98	18.04	17.92		
15	256QAM	75	0	17.95	17.91	18.01	18.03		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	18.24	18.26	18.30	18.28	19.2	0
10	QPSK	1	25	18.26	18.33	18.20	18.25		
10	QPSK	1	49	18.24	18.27	18.22	18.17		
10	QPSK	25	0	18.24	18.26	18.20	18.13	19.2	0
10	QPSK	25	12	18.25	18.26	18.23	18.11		
10	QPSK	25	25	18.14	18.24	18.22	18.16		
10	QPSK	50	0	18.19	18.17	18.22	18.21		
10	16QAM	1	0	18.13	18.26	18.22	18.16	19.2	0
10	16QAM	1	25	18.11	18.17	18.21	18.17		
10	16QAM	1	49	18.26	18.12	18.15	18.16		
10	16QAM	25	0	18.18	18.32	18.21	18.10	19.2	0
10	16QAM	25	12	18.15	18.09	18.23	18.14		
10	16QAM	25	25	18.11	18.22	18.16	18.07		
10	16QAM	50	0	18.08	18.17	18.19	18.09		
10	64QAM	1	0	18.20	18.21	18.22	18.23	19.2	0
10	64QAM	1	25	18.21	18.24	18.08	18.11		
10	64QAM	1	49	18.20	18.11	18.20	18.20		
10	64QAM	25	0	18.05	18.09	18.25	18.13	19.2	0
10	64QAM	25	12	18.20	18.19	18.02	18.20		
10	64QAM	25	25	18.24	18.18	18.23	18.13		
10	64QAM	50	0	18.11	18.18	18.19	18.09		
10	256QAM	1	0	18.00	18.11	17.99	17.94	19	0.2
10	256QAM	1	25	18.14	18.07	18.05	17.97		
10	256QAM	1	49	18.11	18.01	18.12	18.03		
10	256QAM	25	0	18.02	18.01	18.07	17.90	19	0.2
10	256QAM	25	12	18.09	18.01	18.06	17.99		
10	256QAM	25	25	17.93	17.99	18.04	17.99		
10	256QAM	50	0	17.91	17.97	18.03	18.05		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	18.32	18.26	18.26	18.26	19.2	0
5	QPSK	1	12	18.20	18.24	18.17	18.14		
5	QPSK	1	24	18.18	18.24	18.24	18.22		
5	QPSK	12	0	18.19	18.31	18.20	18.16	19.2	0
5	QPSK	12	7	18.23	18.26	18.30	18.17		
5	QPSK	12	13	18.18	18.18	18.16	18.09		
5	QPSK	25	0	18.22	18.18	18.20	18.13		
5	16QAM	1	0	18.15	18.23	18.20	18.19	19.2	0
5	16QAM	1	12	18.17	18.18	18.16	18.07		
5	16QAM	1	24	18.27	18.21	18.23	18.17		
5	16QAM	12	0	18.28	18.23	18.26	18.06	19.2	0
5	16QAM	12	7	18.15	18.09	18.22	18.10		
5	16QAM	12	13	18.03	18.26	18.11	18.05		
5	16QAM	25	0	18.11	18.20	18.17	18.05		
5	64QAM	1	0	18.22	18.25	18.25	18.20	19.2	0
5	64QAM	1	12	18.26	18.21	18.08	18.15		
5	64QAM	1	24	18.13	18.17	18.29	18.20		
5	64QAM	12	0	18.15	18.10	18.25	18.16	19.2	0
5	64QAM	12	7	18.17	18.27	18.09	18.19		
5	64QAM	12	13	18.14	18.14	18.23	18.07		
5	64QAM	25	0	18.17	18.16	18.19	18.05		
5	256QAM	1	0	18.03	18.12	18.01	17.95	19	0.2
5	256QAM	1	12	18.07	18.14	18.07	18.05		
5	256QAM	1	24	18.13	18.03	18.08	17.96		
5	256QAM	12	0	17.99	18.09	17.99	17.86	19	0.2
5	256QAM	12	7	18.10	18.02	18.05	17.90		
5	256QAM	12	13	17.95	18.00	18.00	17.93		
5	256QAM	25	0	17.95	17.97	18.05	17.97		

Band 7 Ant 10 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.50	21.54	21.52	22.9	0
20	QPSK	1	49	21.39	21.47	21.48		
20	QPSK	1	99	21.40	21.51	21.52		
20	QPSK	50	0	21.45	21.52	21.42	22.9	0
20	QPSK	50	24	21.50	21.44	21.47		
20	QPSK	50	50	21.48	21.45	21.41		
20	QPSK	100	0	21.40	21.51	21.48		
20	16QAM	1	0	21.44	21.49	21.50	22.9	0
20	16QAM	1	49	21.36	21.45	21.49		
20	16QAM	1	99	21.29	21.47	21.51		
20	16QAM	50	0	20.56	20.60	20.64	22	0.9
20	16QAM	50	24	20.47	20.55	20.63		
20	16QAM	50	50	20.47	20.57	20.62		
20	16QAM	100	0	20.51	20.62	20.50		
20	64QAM	1	0	20.63	20.50	20.55	22	0.9
20	64QAM	1	49	20.57	20.52	20.46		
20	64QAM	1	99	20.53	20.65	20.61		
20	64QAM	50	0	19.65	19.69	19.62	21	1.9
20	64QAM	50	24	19.45	19.53	19.55		
20	64QAM	50	50	19.47	19.61	19.61		
20	64QAM	100	0	19.55	19.57	19.46		
20	256QAM	1	0	17.56	17.67	17.62	19	3.9
20	256QAM	1	49	17.47	17.62	17.63		
20	256QAM	1	99	17.49	17.57	17.63		
20	256QAM	50	0	17.52	17.65	17.46	19	3.9
20	256QAM	50	24	17.59	17.59	17.62		
20	256QAM	50	50	17.63	17.59	17.48		
20	256QAM	100	0	17.53	17.55	17.62		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.38	21.49	21.42	22.9	0
15	QPSK	1	37	21.30	21.44	21.44		
15	QPSK	1	74	21.31	21.39	21.47		
15	QPSK	36	0	21.40	21.46	21.31	22.9	0
15	QPSK	36	20	21.45	21.40	21.34		
15	QPSK	36	39	21.41	21.31	21.36		
15	QPSK	75	0	21.31	21.41	21.43		
15	16QAM	1	0	21.33	21.44	21.38	22.9	0
15	16QAM	1	37	21.22	21.40	21.40		
15	16QAM	1	74	21.26	21.43	21.42		
15	16QAM	36	0	20.47	20.54	20.50	22	0.9
15	16QAM	36	20	20.36	20.46	20.51		
15	16QAM	36	39	20.37	20.45	20.56		
15	16QAM	75	0	20.40	20.47	20.37		
15	64QAM	1	0	20.51	20.46	20.50	22	0.9
15	64QAM	1	37	20.48	20.42	20.42		
15	64QAM	1	74	20.43	20.53	20.57		
15	64QAM	36	0	19.52	19.55	19.52	21	1.9
15	64QAM	36	20	19.33	19.40	19.42		
15	64QAM	36	39	19.39	19.54	19.57		
15	64QAM	75	0	19.42	19.50	19.33		
15	256QAM	1	0	17.48	17.61	17.57	19	3.9
15	256QAM	1	37	17.37	17.56	17.56		
15	256QAM	1	74	17.35	17.49	17.50		
15	256QAM	36	0	17.48	17.58	17.35	19	3.9
15	256QAM	36	20	17.50	17.54	17.55		
15	256QAM	36	39	17.51	17.50	17.37		
15	256QAM	75	0	17.41	17.49	17.58		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.43	21.39	21.38	22.9	0
10	QPSK	1	25	21.30	21.41	21.41		
10	QPSK	1	49	21.28	21.37	21.46		
10	QPSK	25	0	21.30	21.42	21.32	22.9	0
10	QPSK	25	12	21.45	21.35	21.36		
10	QPSK	25	25	21.37	21.33	21.36		
10	QPSK	50	0	21.27	21.43	21.38		
10	16QAM	1	0	21.41	21.45	21.41	22.9	0
10	16QAM	1	25	21.31	21.38	21.42		
10	16QAM	1	49	21.17	21.37	21.38		
10	16QAM	25	0	20.42	20.52	20.53	22	0.9
10	16QAM	25	12	20.34	20.46	20.57		
10	16QAM	25	25	20.34	20.45	20.49		
10	16QAM	50	0	20.47	20.55	20.40		
10	64QAM	1	0	20.53	20.40	20.50	22	0.9
10	64QAM	1	25	20.51	20.44	20.38		
10	64QAM	1	49	20.41	20.51	20.54		
10	64QAM	25	0	19.54	19.62	19.57	21	1.9
10	64QAM	25	12	19.40	19.41	19.48		
10	64QAM	25	25	19.40	19.48	19.51		
10	64QAM	50	0	19.52	19.46	19.36		
10	256QAM	1	0	17.43	17.55	17.58	19	3.9
10	256QAM	1	25	17.35	17.54	17.53		
10	256QAM	1	49	17.40	17.51	17.51		
10	256QAM	25	0	17.37	17.61	17.34	19	3.9
10	256QAM	25	12	17.46	17.49	17.48		
10	256QAM	25	25	17.57	17.48	17.38		
10	256QAM	50	0	17.41	17.41	17.55		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.41	21.43	21.39	22.9	0
5	QPSK	1	12	21.28	21.39	21.38		
5	QPSK	1	24	21.27	21.39	21.40		
5	QPSK	12	0	21.37	21.40	21.38	22.9	0
5	QPSK	12	7	21.35	21.39	21.38		
5	QPSK	12	13	21.36	21.40	21.35		
5	QPSK	25	0	21.26	21.43	21.37		
5	16QAM	1	0	21.36	21.37	21.41	22.9	0
5	16QAM	1	12	21.27	21.41	21.40		
5	16QAM	1	24	21.22	21.34	21.42		
5	16QAM	12	0	20.43	20.48	20.56	22	0.9
5	16QAM	12	7	20.42	20.45	20.54		
5	16QAM	12	13	20.37	20.45	20.57		
5	16QAM	25	0	20.41	20.48	20.40		
5	64QAM	1	0	20.51	20.47	20.49	22	0.9
5	64QAM	1	12	20.52	20.48	20.31		
5	64QAM	1	24	20.46	20.56	20.55		
5	64QAM	12	0	19.61	19.54	19.50	21	1.9
5	64QAM	12	7	19.32	19.43	19.45		
5	64QAM	12	13	19.40	19.52	19.56		
5	64QAM	25	0	19.45	19.52	19.33		
5	256QAM	1	0	17.51	17.52	17.48	19	3.9
5	256QAM	1	12	17.42	17.49	17.57		
5	256QAM	1	24	17.41	17.50	17.53		
5	256QAM	12	0	17.42	17.62	17.32	19	3.9
5	256QAM	12	7	17.53	17.46	17.55		
5	256QAM	12	13	17.52	17.46	17.41		
5	256QAM	25	0	17.44	17.45	17.50		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.04	22.15	22.12	23.3	0
20	QPSK	1	49	22.00	22.06	22.00		
20	QPSK	1	99	22.01	22.06	22.06		
20	QPSK	50	0	21.75	21.89	21.82	23	0.3
20	QPSK	50	24	21.72	21.87	21.72		
20	QPSK	50	50	21.73	21.81	21.67		
20	QPSK	100	0	21.78	21.88	21.79		
20	16QAM	1	0	21.80	21.84	21.72	23	0.3
20	16QAM	1	49	21.76	21.74	21.62		
20	16QAM	1	99	21.75	21.74	21.60		
20	16QAM	50	0	20.84	20.88	20.79	22	1.3
20	16QAM	50	24	20.76	20.81	20.78		
20	16QAM	50	50	20.82	20.75	20.56		
20	16QAM	100	0	20.80	20.85	20.82		
20	64QAM	1	0	20.81	20.78	20.67	22	1.3
20	64QAM	1	49	20.83	20.79	20.57		
20	64QAM	1	99	20.78	20.64	20.56		
20	64QAM	50	0	19.78	19.77	19.87	21	2.3
20	64QAM	50	24	19.73	19.83	19.82		
20	64QAM	50	50	19.72	19.71	19.55		
20	64QAM	100	0	19.86	19.75	19.86		
20	256QAM	1	0	17.77	17.78	17.83	19	4.3
20	256QAM	1	49	17.79	17.84	17.71		
20	256QAM	1	99	17.77	17.77	17.73		
20	256QAM	50	0	17.91	17.83	17.84	19	4.3
20	256QAM	50	24	17.73	17.80	17.77		
20	256QAM	50	50	17.80	17.71	17.61		
20	256QAM	100	0	17.81	17.74	17.59		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.00	22.08	22.11	23.3	0
15	QPSK	1	37	21.88	22.06	21.99		
15	QPSK	1	74	21.96	22.02	22.05		
15	QPSK	36	0	21.75	21.86	21.81	23	0.3
15	QPSK	36	20	21.66	21.80	21.66		
15	QPSK	36	39	21.67	21.74	21.63		
15	QPSK	75	0	21.72	21.80	21.77		
15	16QAM	1	0	21.80	21.77	21.61	23	0.3
15	16QAM	1	37	21.76	21.64	21.57		
15	16QAM	1	74	21.72	21.73	21.59		
15	16QAM	36	0	20.80	20.76	20.67	22	1.3
15	16QAM	36	20	20.64	20.73	20.68		
15	16QAM	36	39	20.82	20.66	20.52		
15	16QAM	75	0	20.76	20.83	20.72		
15	64QAM	1	0	20.79	20.77	20.56	22	1.3
15	64QAM	1	37	20.77	20.73	20.45		
15	64QAM	1	74	20.67	20.64	20.47		
15	64QAM	36	0	19.69	19.70	19.85	21	2.3
15	64QAM	36	20	19.73	19.82	19.79		
15	64QAM	36	39	19.61	19.60	19.51		
15	64QAM	75	0	19.81	19.66	19.81		
15	256QAM	1	0	17.75	17.73	17.72	19	4.3
15	256QAM	1	37	17.77	17.83	17.65		
15	256QAM	1	74	17.67	17.77	17.63		
15	256QAM	36	0	17.84	17.74	17.72	19	4.3
15	256QAM	36	20	17.64	17.69	17.68		
15	256QAM	36	39	17.71	17.70	17.60		
15	256QAM	75	0	17.73	17.74	17.48		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.93	22.10	22.09	23.3	0
10	QPSK	1	25	21.92	22.02	21.95		
10	QPSK	1	49	21.90	21.95	21.95		
10	QPSK	25	0	21.65	21.80	21.80	23	0.3
10	QPSK	25	12	21.65	21.75	21.72		
10	QPSK	25	25	21.69	21.77	21.65		
10	QPSK	50	0	21.71	21.77	21.76		
10	16QAM	1	0	21.71	21.76	21.64	23	0.3
10	16QAM	1	25	21.74	21.72	21.51		
10	16QAM	1	49	21.70	21.67	21.60		
10	16QAM	25	0	20.83	20.82	20.70	22	1.3
10	16QAM	25	12	20.70	20.74	20.68		
10	16QAM	25	25	20.71	20.69	20.54		
10	16QAM	50	0	20.69	20.77	20.75		
10	64QAM	1	0	20.75	20.71	20.65	22	1.3
10	64QAM	1	25	20.71	20.73	20.51		
10	64QAM	1	49	20.78	20.55	20.47		
10	64QAM	25	0	19.69	19.67	19.81	21	2.3
10	64QAM	25	12	19.62	19.78	19.78		
10	64QAM	25	25	19.62	19.61	19.52		
10	64QAM	50	0	19.75	19.70	19.86		
10	256QAM	1	0	17.70	17.75	17.72	19	4.3
10	256QAM	1	25	17.70	17.84	17.69		
10	256QAM	1	49	17.72	17.74	17.62		
10	256QAM	25	0	17.87	17.83	17.83	19	4.3
10	256QAM	25	12	17.69	17.73	17.70		
10	256QAM	25	25	17.77	17.65	17.52		
10	256QAM	50	0	17.70	17.65	17.47		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.03	22.14	22.02	23.3	0
5	QPSK	1	12	21.98	21.98	21.91		
5	QPSK	1	24	21.98	21.98	21.94		
5	QPSK	12	0	21.63	21.86	21.80	23	0.3
5	QPSK	12	7	21.60	21.77	21.61		
5	QPSK	12	13	21.69	21.72	21.63		
5	QPSK	25	0	21.70	21.81	21.67		
5	16QAM	1	0	21.80	21.80	21.71	23	0.3
5	16QAM	1	12	21.67	21.69	21.52		
5	16QAM	1	24	21.72	21.64	21.60		
5	16QAM	12	0	20.73	20.85	20.67	22	1.3
5	16QAM	12	7	20.70	20.80	20.75		
5	16QAM	12	13	20.76	20.65	20.45		
5	16QAM	25	0	20.70	20.83	20.81		
5	64QAM	1	0	20.74	20.67	20.57	22	1.3
5	64QAM	1	12	20.77	20.68	20.52		
5	64QAM	1	24	20.67	20.54	20.50		
5	64QAM	12	0	19.72	19.71	19.82	21	2.3
5	64QAM	12	7	19.72	19.80	19.73		
5	64QAM	12	13	19.60	19.66	19.46		
5	64QAM	25	0	19.78	19.69	19.79		
5	256QAM	1	0	17.70	17.71	17.77	19	4.3
5	256QAM	1	12	17.76	17.79	17.60		
5	256QAM	1	24	17.76	17.74	17.66		
5	256QAM	12	0	17.88	17.75	17.74	19	4.3
5	256QAM	12	7	17.66	17.80	17.75		
5	256QAM	12	13	17.70	17.62	17.58		
5	256QAM	25	0	17.74	17.71	17.58		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.70	23.72	23.65	24.9	0
20	QPSK	1	49	23.64	23.58	23.63		
20	QPSK	1	99	23.55	23.54	23.62		
20	QPSK	50	0	23.57	23.71	23.58	24.9	0
20	QPSK	50	24	23.57	23.53	23.54		
20	QPSK	50	50	23.58	23.65	23.55		
20	QPSK	100	0	23.68	23.69	23.58		
20	16QAM	1	0	23.57	23.67	23.66	24.9	0
20	16QAM	1	49	23.56	23.49	23.65		
20	16QAM	1	99	23.63	23.46	23.55		
20	16QAM	50	0	23.49	23.63	23.50	24.9	0
20	16QAM	50	24	23.50	23.52	23.58		
20	16QAM	50	50	23.54	23.59	23.59		
20	16QAM	100	0	23.65	23.51	23.56		
20	64QAM	1	0	23.54	23.56	23.63	24.9	0
20	64QAM	1	49	23.64	23.62	23.60		
20	64QAM	1	99	23.58	23.59	23.66		
20	64QAM	50	0	22.68	22.81	22.78	24	0.9
20	64QAM	50	24	22.80	22.72	22.79		
20	64QAM	50	50	22.71	22.67	22.68		
20	64QAM	100	0	22.72	22.67	22.78		
20	256QAM	1	0	20.67	20.80	20.74	22	2.9
20	256QAM	1	49	20.64	20.64	20.71		
20	256QAM	1	99	20.77	20.68	20.73		
20	256QAM	50	0	20.64	20.72	20.74	22	2.9
20	256QAM	50	24	20.56	20.67	20.75		
20	256QAM	50	50	20.77	20.70	20.67		
20	256QAM	100	0	20.72	20.79	20.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.64	23.71	23.55	24.9	0
15	QPSK	1	37	23.57	23.58	23.51		
15	QPSK	1	74	23.55	23.43	23.50		
15	QPSK	36	0	23.48	23.59	23.52	24.9	0
15	QPSK	36	20	23.51	23.41	23.49		
15	QPSK	36	39	23.58	23.58	23.54		
15	QPSK	75	0	23.57	23.58	23.46		
15	16QAM	1	0	23.48	23.63	23.54	24.9	0
15	16QAM	1	37	23.52	23.38	23.59		
15	16QAM	1	74	23.62	23.43	23.45		
15	16QAM	36	0	23.39	23.59	23.43	24.9	0
15	16QAM	36	20	23.45	23.43	23.55		
15	16QAM	36	39	23.44	23.51	23.49		
15	16QAM	75	0	23.61	23.45	23.53		
15	64QAM	1	0	23.43	23.45	23.57	24.9	0
15	64QAM	1	37	23.59	23.60	23.51		
15	64QAM	1	74	23.50	23.54	23.65		
15	64QAM	36	0	22.56	22.70	22.67	24	0.9
15	64QAM	36	20	22.76	22.68	22.67		
15	64QAM	36	39	22.68	22.56	22.62		
15	64QAM	75	0	22.64	22.65	22.70		
15	256QAM	1	0	20.59	20.72	20.69	22	2.9
15	256QAM	1	37	20.62	20.55	20.64		
15	256QAM	1	74	20.65	20.66	20.68		
15	256QAM	36	0	20.63	20.69	20.62	22	2.9
15	256QAM	36	20	20.50	20.67	20.66		
15	256QAM	36	39	20.72	20.61	20.61		
15	256QAM	75	0	20.61	20.69	20.63		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.67	23.61	23.57	24.9	0
10	QPSK	1	25	23.64	23.56	23.52		
10	QPSK	1	49	23.46	23.47	23.59		
10	QPSK	25	0	23.50	23.67	23.51	24.9	0
10	QPSK	25	12	23.46	23.43	23.46		
10	QPSK	25	25	23.52	23.60	23.47		
10	QPSK	50	0	23.68	23.61	23.54		
10	16QAM	1	0	23.54	23.61	23.57	24.9	0
10	16QAM	1	25	23.50	23.46	23.57		
10	16QAM	1	49	23.57	23.41	23.46		
10	16QAM	25	0	23.47	23.53	23.41	24.9	0
10	16QAM	25	12	23.46	23.49	23.58		
10	16QAM	25	25	23.52	23.51	23.49		
10	16QAM	50	0	23.53	23.49	23.46		
10	64QAM	1	0	23.48	23.54	23.62	24.9	0
10	64QAM	1	25	23.57	23.61	23.59		
10	64QAM	1	49	23.52	23.59	23.59		
10	64QAM	25	0	22.61	22.80	22.72	24	0.9
10	64QAM	25	12	22.77	22.69	22.70		
10	64QAM	25	25	22.67	22.57	22.68		
10	64QAM	50	0	22.68	22.59	22.77		
10	256QAM	1	0	20.59	20.73	20.65	22	2.9
10	256QAM	1	25	20.57	20.58	20.64		
10	256QAM	1	49	20.75	20.67	20.71		
10	256QAM	25	0	20.59	20.69	20.69	22	2.9
10	256QAM	25	12	20.50	20.58	20.71		
10	256QAM	25	25	20.73	20.68	20.60		
10	256QAM	50	0	20.68	20.75	20.61		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.63	23.64	23.61	24.9	0
5	QPSK	1	12	23.53	23.55	23.57		
5	QPSK	1	24	23.48	23.45	23.58		
5	QPSK	12	0	23.51	23.67	23.57	24.9	0
5	QPSK	12	7	23.51	23.51	23.52		
5	QPSK	12	13	23.52	23.57	23.53		
5	QPSK	25	0	23.57	23.65	23.49		
5	16QAM	1	0	23.57	23.65	23.60	24.9	0
5	16QAM	1	12	23.53	23.39	23.53		
5	16QAM	1	24	23.53	23.46	23.43		
5	16QAM	12	0	23.37	23.61	23.44	24.9	0
5	16QAM	12	7	23.49	23.40	23.55		
5	16QAM	12	13	23.48	23.47	23.54		
5	16QAM	25	0	23.64	23.47	23.54		
5	64QAM	1	0	23.43	23.54	23.62	24.9	0
5	64QAM	1	12	23.60	23.53	23.51		
5	64QAM	1	24	23.53	23.57	23.61		
5	64QAM	12	0	22.67	22.72	22.73	24	0.9
5	64QAM	12	7	22.69	22.67	22.70		
5	64QAM	12	13	22.64	22.64	22.65		
5	64QAM	25	0	22.62	22.66	22.66		
5	256QAM	1	0	20.55	20.74	20.73	22	2.9
5	256QAM	1	12	20.57	20.54	20.67		
5	256QAM	1	24	20.77	20.57	20.69		
5	256QAM	12	0	20.62	20.70	20.70	22	2.9
5	256QAM	12	7	20.45	20.66	20.75		
5	256QAM	12	13	20.70	20.60	20.60		
5	256QAM	25	0	20.62	20.67	20.63		

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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	22.12	22.14	22.20	22.18	22.15	23.3	0
20	QPSK	1	49	22.03	22.11	22.16	22.10	22.08		
20	QPSK	1	99	22.10	22.07	22.14	22.08	22.09		
20	QPSK	50	0	21.80	21.86	21.91	21.88	21.81	23	0.3
20	QPSK	50	24	21.74	21.84	21.89	21.79	21.74		
20	QPSK	50	50	21.76	21.82	21.86	21.72	21.79		
20	QPSK	100	0	21.85	21.87	21.89	21.85	21.82		
20	16QAM	1	0	21.77	21.86	21.88	21.82	21.80	23	0.3
20	16QAM	1	49	21.70	21.85	21.83	21.69	21.65		
20	16QAM	1	99	21.71	21.81	21.76	21.67	21.70		
20	16QAM	50	0	20.77	20.92	20.90	20.88	20.76	22	1.3
20	16QAM	50	24	20.78	20.80	20.84	20.82	20.74		
20	16QAM	50	50	20.73	20.86	20.86	20.66	20.81		
20	16QAM	100	0	20.84	20.85	20.91	20.85	20.77		
20	64QAM	1	0	20.82	20.90	20.87	20.79	20.75	22	1.3
20	64QAM	1	49	20.65	20.86	20.84	20.64	20.70		
20	64QAM	1	99	20.74	20.82	20.74	20.68	20.68		
20	64QAM	50	0	19.78	19.90	19.85	19.91	19.77	21	2.3
20	64QAM	50	24	19.73	19.85	19.84	19.84	19.71		
20	64QAM	50	50	19.81	19.80	19.81	19.67	19.74		
20	64QAM	100	0	19.86	19.92	19.84	19.90	19.84		
20	256QAM	1	0	17.79	17.87	17.89	17.94	17.79	19	4.3
20	256QAM	1	49	17.73	17.79	17.92	17.78	17.69		
20	256QAM	1	99	17.74	17.85	17.81	17.73	17.76		
20	256QAM	50	0	17.87	17.92	17.87	17.90	17.80	19	4.3
20	256QAM	50	24	17.79	17.83	17.88	17.78	17.86		
20	256QAM	50	50	17.75	17.88	17.78	17.71	17.69		
20	256QAM	100	0	17.67	17.84	17.81	17.64	17.71		
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	22.01	22.06	22.17	22.10	22.10	23.30	0
15	QPSK	1	37	21.98	22.09	22.10	22.09	21.98		
15	QPSK	1	74	22.04	22.06	22.14	21.99	22.03		
15	QPSK	36	0	21.79	21.78	21.84	21.87	21.73	23	0.3
15	QPSK	36	20	21.70	21.79	21.81	21.74	21.73		
15	QPSK	36	39	21.70	21.72	21.78	21.66	21.74		
15	QPSK	75	0	21.77	21.87	21.87	21.84	21.78		
15	16QAM	1	0	21.68	21.86	21.77	21.71	21.75	23	0.3
15	16QAM	1	37	21.66	21.84	21.78	21.65	21.60		
15	16QAM	1	74	21.63	21.71	21.66	21.63	21.61		
15	16QAM	36	0	20.74	20.88	20.85	20.86	20.67	22	1.3
15	16QAM	36	20	20.73	20.70	20.83	20.80	20.66		
15	16QAM	36	39	20.65	20.83	20.85	20.59	20.76		
15	16QAM	75	0	20.74	20.79	20.87	20.84	20.70		
15	64QAM	1	0	20.79	20.88	20.82	20.68	20.65	22	1.3
15	64QAM	1	37	20.60	20.86	20.74	20.57	20.59		
15	64QAM	1	74	20.75	20.73	20.71	20.63	20.59		
15	64QAM	36	0	19.69	19.83	19.83	19.89	19.70	21	2.3
15	64QAM	36	20	19.68	19.84	19.84	19.84	19.70		
15	64QAM	36	39	19.74	19.80	19.81	19.62	19.70		
15	64QAM	75	0	19.82	19.89	19.74	19.83	19.74		
15	256QAM	1	0	17.70	17.87	17.78	17.91	17.77	19	4.3
15	256QAM	1	37	17.68	17.77	17.83	17.70	17.70		
15	256QAM	1	74	17.64	17.75	17.77	17.68	17.71		
15	256QAM	36	0	17.87	17.88	17.77	17.80	17.73	19	4.3
15	256QAM	36	20	17.78	17.73	17.79	17.78	17.79		
15	256QAM	36	39	17.76	17.85	17.70	17.63	17.60		
15	256QAM	75	0	17.58	17.84	17.78	17.60	17.68		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.08	22.09	22.13	22.09	22.10	23.30	0
10	QPSK	1	25	21.96	22.05	22.08	22.03	22.00		
10	QPSK	1	49	22.02	22.04	22.14	22.01	21.99		
10	QPSK	25	0	21.81	21.84	21.82	21.79	21.72	23	0.3
10	QPSK	25	12	21.73	21.83	21.86	21.76	21.73		
10	QPSK	25	25	21.74	21.74	21.78	21.65	21.72		
10	QPSK	50	0	21.76	21.80	21.81	21.76	21.72		
10	16QAM	1	0	21.77	21.81	21.88	21.78	21.80	23	0.3
10	16QAM	1	25	21.59	21.79	21.81	21.65	21.54		
10	16QAM	1	49	21.72	21.73	21.71	21.59	21.59		
10	16QAM	25	0	20.71	20.82	20.82	20.80	20.72	22	1.3
10	16QAM	25	12	20.75	20.74	20.74	20.71	20.72		
10	16QAM	25	25	20.62	20.83	20.78	20.63	20.76		
10	16QAM	50	0	20.76	20.79	20.90	20.80	20.72		
10	64QAM	1	0	20.79	20.83	20.77	20.73	20.70	22	1.3
10	64QAM	1	25	20.65	20.83	20.79	20.64	20.71		
10	64QAM	1	49	20.67	20.81	20.70	20.60	20.62		
10	64QAM	25	0	19.70	19.84	19.78	19.85	19.68	21	2.3
10	64QAM	25	12	19.69	19.76	19.78	19.79	19.68		
10	64QAM	25	25	19.82	19.73	19.74	19.66	19.73		
10	64QAM	50	0	19.84	19.93	19.82	19.89	19.78		
10	256QAM	1	0	17.77	17.77	17.87	17.94	17.68	19	4.3
10	256QAM	1	25	17.66	17.77	17.85	17.78	17.67		
10	256QAM	1	49	17.73	17.78	17.78	17.71	17.74		
10	256QAM	25	0	17.82	17.83	17.85	17.85	17.78	19	4.3
10	256QAM	25	12	17.80	17.74	17.87	17.73	17.87		
10	256QAM	25	25	17.74	17.88	17.70	17.63	17.67		
10	256QAM	50	0	17.58	17.73	17.75	17.60	17.62		
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	22.03	22.08	22.18	22.15	22.08	23.30	0
5	QPSK	1	12	21.96	22.05	22.15	22.06	22.07		
5	QPSK	1	24	22.06	22.04	22.08	22.02	21.99		
5	QPSK	12	0	21.73	21.77	21.84	21.83	21.81	23	0.3
5	QPSK	12	7	21.74	21.79	21.86	21.70	21.70		
5	QPSK	12	13	21.71	21.76	21.78	21.62	21.75		
5	QPSK	25	0	21.82	21.82	21.86	21.75	21.74		
5	16QAM	1	0	21.73	21.82	21.89	21.75	21.70	23	0.3
5	16QAM	1	12	21.61	21.76	21.75	21.63	21.58		
5	16QAM	1	24	21.64	21.82	21.70	21.62	21.60		
5	16QAM	12	0	20.74	20.93	20.79	20.86	20.69	22	1.3
5	16QAM	12	7	20.73	20.78	20.82	20.72	20.68		
5	16QAM	12	13	20.68	20.86	20.75	20.61	20.78		
5	16QAM	25	0	20.76	20.80	20.90	20.78	20.75		
5	64QAM	1	0	20.75	20.80	20.88	20.68	20.74	22	1.3
5	64QAM	1	12	20.59	20.81	20.79	20.58	20.66		
5	64QAM	1	24	20.69	20.71	20.74	20.67	20.66		
5	64QAM	12	0	19.72	19.79	19.84	19.90	19.77	21	2.3
5	64QAM	12	7	19.70	19.74	19.75	19.80	19.62		
5	64QAM	12	13	19.79	19.72	19.77	19.59	19.67		
5	64QAM	25	0	19.85	19.83	19.74	19.82	19.85		
5	256QAM	1	0	17.70	17.80	17.90	17.84	17.69	19	4.3
5	256QAM	1	12	17.68	17.69	17.83	17.75	17.62		
5	256QAM	1	24	17.65	17.75	17.71	17.62	17.65		
5	256QAM	12	0	17.81	17.89	17.88	17.82	17.79	19	4.3
5	256QAM	12	7	17.73	17.74	17.87	17.70	17.80		
5	256QAM	12	13	17.65	17.81	17.71	17.68	17.63		
5	256QAM	25	0	17.62	17.76	17.81	17.54	17.72		

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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	23.68	23.71	23.75	23.73	23.70	24.9	0
20	QPSK	1	49	23.65	23.68	23.64	23.74	23.65		
20	QPSK	1	99	23.62	23.66	23.65	23.67	23.62		
20	QPSK	50	0	23.58	23.61	23.72	23.65	23.68	24.9	0
20	QPSK	50	24	23.64	23.60	23.64	23.64	23.65		
20	QPSK	50	50	23.67	23.69	23.68	23.66	23.59		
20	QPSK	100	0	23.65	23.68	23.71	23.67	23.66		
20	16QAM	1	0	23.59	23.63	23.69	23.71	23.68	24.9	0
20	16QAM	1	49	23.55	23.58	23.57	23.65	23.62		
20	16QAM	1	99	23.57	23.67	23.55	23.65	23.52		
20	16QAM	50	0	23.48	23.55	23.63	23.56	23.61	24.9	0
20	16QAM	50	24	23.56	23.50	23.54	23.60	23.63		
20	16QAM	50	50	23.59	23.60	23.60	23.63	23.50		
20	16QAM	100	0	23.58	23.67	23.60	23.65	23.56		
20	64QAM	1	0	23.58	23.62	23.65	23.70	23.71	24.9	0
20	64QAM	1	49	23.55	23.66	23.63	23.70	23.54		
20	64QAM	1	99	23.53	23.62	23.64	23.66	23.56		
20	64QAM	50	0	22.74	22.79	22.81	22.86	22.78	24	0.9
20	64QAM	50	24	22.76	22.80	22.79	22.88	22.73		
20	64QAM	50	50	22.66	22.80	22.77	22.71	22.68		
20	64QAM	100	0	22.62	22.76	22.79	22.79	22.82		
20	256QAM	1	0	20.73	20.78	20.82	20.84	20.79	22	2.9
20	256QAM	1	49	20.79	20.74	20.73	20.80	20.71		
20	256QAM	1	99	20.77	20.81	20.73	20.74	20.73		
20	256QAM	50	0	20.64	20.65	20.84	20.76	20.74	22	2.9
20	256QAM	50	24	20.74	20.66	20.74	20.77	20.75		
20	256QAM	50	50	20.72	20.84	20.76	20.73	20.75		
20	256QAM	100	0	20.79	20.80	20.79	20.75	20.81		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.56	23.70	23.74	23.71	23.65	24.90	0
15	QPSK	1	37	23.65	23.61	23.60	23.70	23.60		
15	QPSK	1	74	23.53	23.58	23.59	23.61	23.53		
15	QPSK	36	0	23.49	23.59	23.65	23.61	23.62	24.9	0
15	QPSK	36	20	23.61	23.51	23.59	23.58	23.55		
15	QPSK	36	39	23.66	23.66	23.67	23.59	23.50		
15	QPSK	75	0	23.65	23.60	23.67	23.63	23.56		
15	16QAM	1	0	23.54	23.51	23.62	23.69	23.62	24.9	0
15	16QAM	1	37	23.45	23.51	23.54	23.62	23.52		
15	16QAM	1	74	23.55	23.57	23.51	23.57	23.43		
15	16QAM	36	0	23.48	23.51	23.51	23.51	23.57	24.9	0
15	16QAM	36	20	23.50	23.44	23.45	23.53	23.63		
15	16QAM	36	39	23.51	23.54	23.55	23.60	23.48		
15	16QAM	75	0	23.46	23.56	23.56	23.65	23.55		
15	64QAM	1	0	23.58	23.61	23.61	23.64	23.62	24.9	0
15	64QAM	1	37	23.49	23.55	23.52	23.66	23.47		
15	64QAM	1	74	23.43	23.54	23.60	23.57	23.56		
15	64QAM	36	0	22.62	22.75	22.70	22.74	22.68	24	0.9
15	64QAM	36	20	22.65	22.72	22.73	22.86	22.65		
15	64QAM	36	39	22.66	22.80	22.72	22.68	22.63		
15	64QAM	75	0	22.55	22.65	22.69	22.77	22.80		
15	256QAM	1	0	20.68	20.75	20.72	20.73	20.73	22	2.9
15	256QAM	1	37	20.74	20.72	20.63	20.75	20.69		
15	256QAM	1	74	20.73	20.78	20.62	20.71	20.65		
15	256QAM	36	0	20.56	20.64	20.82	20.73	20.71	22	2.9
15	256QAM	36	20	20.71	20.56	20.72	20.77	20.67		
15	256QAM	36	39	20.71	20.73	20.64	20.71	20.73		
15	256QAM	75	0	20.73	20.70	20.75	20.69	20.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.64	23.63	23.72	23.72	23.59	24.90	0
10	QPSK	1	25	23.58	23.63	23.58	23.71	23.59		
10	QPSK	1	49	23.52	23.56	23.64	23.63	23.51		
10	QPSK	25	0	23.55	23.51	23.70	23.61	23.66	24.9	0
10	QPSK	25	12	23.52	23.58	23.56	23.58	23.60		
10	QPSK	25	25	23.63	23.61	23.58	23.66	23.50		
10	QPSK	50	0	23.62	23.58	23.71	23.58	23.57		
10	16QAM	1	0	23.49	23.59	23.57	23.65	23.68	24.9	0
10	16QAM	1	25	23.53	23.49	23.53	23.59	23.53		
10	16QAM	1	49	23.53	23.64	23.51	23.61	23.51		
10	16QAM	25	0	23.44	23.45	23.59	23.49	23.52	24.9	0
10	16QAM	25	12	23.51	23.44	23.50	23.51	23.57		
10	16QAM	25	25	23.55	23.50	23.56	23.56	23.39		
10	16QAM	50	0	23.55	23.64	23.53	23.53	23.47		
10	64QAM	1	0	23.55	23.61	23.58	23.68	23.64	24.9	0
10	64QAM	1	25	23.52	23.62	23.58	23.69	23.48		
10	64QAM	1	49	23.48	23.53	23.61	23.59	23.49		
10	64QAM	25	0	22.73	22.78	22.76	22.75	22.77	24	0.9
10	64QAM	25	12	22.75	22.73	22.76	22.82	22.62		
10	64QAM	25	25	22.64	22.79	22.68	22.60	22.65		
10	64QAM	50	0	22.57	22.71	22.69	22.67	22.77		
10	256QAM	1	0	20.66	20.75	20.79	20.82	20.69	22	2.9
10	256QAM	1	25	20.70	20.65	20.65	20.73	20.68		
10	256QAM	1	49	20.68	20.77	20.62	20.62	20.66		
10	256QAM	25	0	20.63	20.64	20.79	20.67	20.69	22	2.9
10	256QAM	25	12	20.72	20.65	20.73	20.75	20.69		
10	256QAM	25	25	20.67	20.82	20.70	20.68	20.74		
10	256QAM	50	0	20.70	20.79	20.79	20.75	20.80		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.65	23.69	23.67	23.66	23.59	24.90	0
5	QPSK	1	12	23.53	23.66	23.57	23.68	23.55		
5	QPSK	1	24	23.54	23.56	23.54	23.57	23.62		
5	QPSK	12	0	23.54	23.54	23.56	23.58	23.67	24.9	0
5	QPSK	12	7	23.60	23.58	23.57	23.56	23.61		
5	QPSK	12	13	23.67	23.58	23.58	23.60	23.55		
5	QPSK	25	0	23.56	23.64	23.69	23.65	23.57		
5	16QAM	1	0	23.55	23.58	23.62	23.70	23.63	24.9	0
5	16QAM	1	12	23.49	23.58	23.55	23.59	23.59		
5	16QAM	1	24	23.47	23.64	23.44	23.59	23.43		
5	16QAM	12	0	23.45	23.48	23.51	23.45	23.50	24.9	0
5	16QAM	12	7	23.50	23.39	23.43	23.51	23.60		
5	16QAM	12	13	23.55	23.53	23.52	23.63	23.41		
5	16QAM	25	0	23.54	23.60	23.51	23.61	23.56		
5	64QAM	1	0	23.54	23.59	23.53	23.66	23.60	24.9	0
5	64QAM	1	12	23.55	23.66	23.55	23.62	23.49		
5	64QAM	1	24	23.48	23.54	23.58	23.57	23.51		
5	64QAM	12	0	22.70	22.72	22.73	22.85	22.71	24	0.9
5	64QAM	12	7	22.65	22.78	22.73	22.86	22.69		
5	64QAM	12	13	22.65	22.72	22.74	22.65	22.60		
5	64QAM	25	0	22.56	22.66	22.76	22.71	22.77		
5	256QAM	1	0	20.65	20.74	20.76	20.81	20.76	22	2.9
5	256QAM	1	12	20.77	20.65	20.73	20.72	20.70		
5	256QAM	1	24	20.74	20.71	20.72	20.73	20.64		
5	256QAM	12	0	20.52	20.58	20.84	20.67	20.62	22	2.9
5	256QAM	12	7	20.65	20.65	20.67	20.69	20.69		
5	256QAM	12	13	20.60	20.79	20.66	20.68	20.65		
5	256QAM	25	0	20.67	20.78	20.68	20.69	20.69		

Reduced Power Mode for DSI3

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	32.09	32.26	32.52	33.50	23.09	23.26	23.52	24.50
GPRS 1 Tx slot	32.08	32.24	32.50	33.50	23.08	23.24	23.50	24.50
GPRS 2 Tx slots	29.87	30.16	30.08	30.90	23.87	24.16	24.08	24.90
GPRS 3 Tx slots	27.76	27.88	27.85	29.10	23.50	23.62	23.59	24.84
GPRS 4 Tx slots	26.88	26.98	26.87	27.90	23.88	23.98	23.87	24.90
EDGE 1 Tx slot	26.74	26.80	26.62	26.00	17.74	17.80	17.62	19.00
EDGE 2 Tx slots	25.52	25.52	25.41	26.50	19.52	19.52	19.41	20.50
EDGE 3 Tx slots	24.16	24.15	24.00	25.00	19.90	19.89	19.74	20.74
EDGE 4 Tx slots	22.12	22.22	22.13	23.00	19.12	19.22	19.13	20.00

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	22.16	22.25	22.13	24.00
3GPP Rel 99	RMC 12.2Kbps	22.28	22.32	22.18	24.00
3GPP Rel 6	HSDPA Subtest-1	21.25	21.31	21.23	23.00
3GPP Rel 6	HSDPA Subtest-2	21.34	21.28	21.18	23.00
3GPP Rel 6	HSDPA Subtest-3	20.78	20.76	20.74	22.50
3GPP Rel 6	HSDPA Subtest-4	20.78	20.82	20.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.30	21.34	21.16	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.26	21.37	21.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.74	20.80	20.65	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.79	20.78	20.69	22.50
3GPP Rel 6	HSUPA Subtest-1	21.27	21.28	21.14	23.00
3GPP Rel 6	HSUPA Subtest-2	19.22	19.29	19.16	21.00
3GPP Rel 6	HSUPA Subtest-3	20.32	20.33	20.13	22.00
3GPP Rel 6	HSUPA Subtest-4	19.29	19.26	19.20	21.00
3GPP Rel 6	HSUPA Subtest-5	21.33	21.30	21.19	23.00

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	22.70	22.75	22.68	24	0
10	QPSK	1	49	22.57	22.69	22.61		
10	QPSK	1	25	22.57	22.65	22.59		
10	QPSK	25	0	21.75	21.78	21.68	23	1
10	QPSK	25	12	21.59	21.73	21.63		
10	QPSK	25	25	21.55	21.61	21.60		
10	QPSK	50	0	21.67	21.75	21.67		
10	16QAM	1	0	21.64	21.71	21.62	23	1
10	16QAM	1	25	21.44	21.66	21.49		
10	16QAM	1	49	21.52	21.48	21.47		
10	16QAM	25	0	20.77	20.75	20.72	22	2
10	16QAM	25	12	20.62	20.74	20.64		
10	16QAM	25	25	20.52	20.64	20.54		
10	16QAM	50	0	20.73	20.75	20.63		
10	64QAM	1	0	20.61	20.70	20.67	22	2
10	64QAM	1	25	20.40	20.70	20.50		
10	64QAM	1	49	20.51	20.44	20.46		
10	64QAM	25	0	19.73	19.79	19.64	21	3
10	64QAM	25	12	19.63	19.75	19.62		
10	64QAM	25	25	19.55	19.56	19.55		
10	64QAM	50	0	19.65	19.71	19.63		
10	256QAM	1	0	17.81	17.74	17.69	19	5
10	256QAM	1	25	17.63	17.68	17.65		
10	256QAM	1	49	17.53	17.67	17.63		
10	256QAM	25	0	17.63	17.81	17.67	19	5
10	256QAM	25	12	17.60	17.68	17.62		
10	256QAM	25	25	17.45	17.63	17.49		
10	256QAM	50	0	17.55	17.44	17.45		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.57	22.71	22.53	24	0
5	QPSK	1	12	22.48	22.57	22.50		
5	QPSK	1	24	22.51	22.53	22.50		
5	QPSK	12	0	21.63	21.72	21.55	23	1
5	QPSK	12	7	21.46	21.66	21.52		
5	QPSK	12	13	21.46	21.56	21.54		
5	QPSK	25	0	21.55	21.66	21.59		
5	16QAM	1	0	21.61	21.67	21.49	23	1
5	16QAM	1	12	21.37	21.60	21.41		
5	16QAM	1	24	21.48	21.35	21.39		
5	16QAM	12	0	20.71	20.61	20.62	22	2
5	16QAM	12	7	20.51	20.64	20.50		
5	16QAM	12	13	20.39	20.54	20.46		
5	16QAM	25	0	20.67	20.67	20.56		
5	64QAM	1	0	20.53	20.60	20.63	22	2
5	64QAM	1	12	20.27	20.61	20.43		
5	64QAM	1	24	20.45	20.30	20.40		
5	64QAM	12	0	19.65	19.69	19.50	21	3
5	64QAM	12	7	19.53	19.67	19.55		
5	64QAM	12	13	19.45	19.53	19.45		
5	64QAM	25	0	19.56	19.66	19.55		
5	256QAM	1	0	17.73	17.59	17.57	19	5
5	256QAM	1	12	17.54	17.62	17.58		
5	256QAM	1	24	17.39	17.61	17.59		
5	256QAM	12	0	17.58	17.70	17.56	19	5
5	256QAM	12	7	17.56	17.62	17.53		
5	256QAM	12	13	17.36	17.53	17.42		
5	256QAM	25	0	17.43	17.38	17.38		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.64	22.66	22.61	24	0
3	QPSK	1	8	22.48	22.59	22.47		
3	QPSK	1	14	22.47	22.54	22.51		
3	QPSK	8	0	21.61	21.74	21.61	23	1
3	QPSK	8	4	21.51	21.61	21.53		
3	QPSK	8	7	21.43	21.46	21.49		
3	QPSK	15	0	21.64	21.68	21.57		
3	16QAM	1	0	21.56	21.62	21.57	23	1
3	16QAM	1	8	21.31	21.60	21.34		
3	16QAM	1	14	21.42	21.41	21.42		
3	16QAM	8	0	20.69	20.71	20.65	22	2
3	16QAM	8	4	20.47	20.64	20.53		
3	16QAM	8	7	20.41	20.55	20.47		
3	16QAM	15	0	20.67	20.71	20.60		
3	64QAM	1	0	20.58	20.57	20.53	22	2
3	64QAM	1	8	20.33	20.57	20.35		
3	64QAM	1	14	20.46	20.33	20.36		
3	64QAM	8	0	19.68	19.70	19.56	21	3
3	64QAM	8	4	19.51	19.66	19.53		
3	64QAM	8	7	19.42	19.52	19.42		
3	64QAM	15	0	19.58	19.59	19.48		
3	256QAM	1	0	17.73	17.70	17.56	19	5
3	256QAM	1	8	17.49	17.65	17.60		
3	256QAM	1	14	17.38	17.54	17.58		
3	256QAM	8	0	17.59	17.72	17.60	19	5
3	256QAM	8	4	17.53	17.61	17.57		
3	256QAM	8	7	17.36	17.59	17.44		
3	256QAM	15	0	17.43	17.38	17.35		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.56	22.62	22.61	24	0
1.4	QPSK	1	3	22.46	22.64	22.49		
1.4	QPSK	1	5	22.45	22.57	22.56		
1.4	QPSK	3	0	22.43	22.54	22.46		
1.4	QPSK	3	1	22.37	22.55	22.44		
1.4	QPSK	3	3	22.30	22.49	22.45		
1.4	QPSK	6	0	21.62	21.69	21.56	23	1
1.4	16QAM	1	0	21.55	21.65	21.51	23	1
1.4	16QAM	1	3	21.31	21.61	21.36		
1.4	16QAM	1	5	21.45	21.34	21.38		
1.4	16QAM	3	0	21.55	21.62	21.43		
1.4	16QAM	3	1	21.44	21.54	21.46		
1.4	16QAM	3	3	21.25	21.51	21.32		
1.4	16QAM	6	0	20.59	20.64	20.57	22	2
1.4	64QAM	1	0	20.53	20.66	20.56	22	2
1.4	64QAM	1	3	20.29	20.59	20.42		
1.4	64QAM	1	5	20.45	20.39	20.33		
1.4	64QAM	3	0	20.44	20.59	20.43		
1.4	64QAM	3	1	20.40	20.57	20.53		
1.4	64QAM	3	3	20.23	20.50	20.39		
1.4	64QAM	6	0	19.57	19.63	19.55	21	3
1.4	256QAM	1	0	17.73	17.66	17.57	19	5
1.4	256QAM	1	3	17.59	17.64	17.58		
1.4	256QAM	1	5	17.43	17.56	17.59		
1.4	256QAM	3	0	17.53	17.72	17.59		
1.4	256QAM	3	1	17.53	17.64	17.56		
1.4	256QAM	3	3	17.39	17.50	17.40		
1.4	256QAM	6	0	17.41	17.36	17.34	19	5

Band 7 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.90	20.94	20.89	22.5	0
20	QPSK	1	49	20.86	20.89	20.85		
20	QPSK	1	99	20.82	20.79	20.76		
20	QPSK	50	0	19.93	19.96	19.84	21.5	1
20	QPSK	50	24	19.86	19.92	19.82		
20	QPSK	50	50	19.76	19.80	19.72		
20	QPSK	100	0	19.90	19.92	19.89		
20	16QAM	1	0	19.88	19.90	19.70	21.5	1
20	16QAM	1	49	19.73	19.79	19.71		
20	16QAM	1	99	19.71	19.65	19.57		
20	16QAM	50	0	18.98	18.91	18.82	20.5	2
20	16QAM	50	24	18.90	18.92	18.78		
20	16QAM	50	50	18.77	18.77	18.72		
20	16QAM	100	0	18.87	18.98	18.95		
20	64QAM	1	0	18.88	18.88	18.74	20.5	2
20	64QAM	1	49	18.73	18.78	18.70		
20	64QAM	1	99	18.76	18.65	18.60		
20	64QAM	50	0	17.89	17.93	17.82	19.5	3
20	64QAM	50	24	17.86	17.88	17.88		
20	64QAM	50	50	17.75	17.76	17.72		
20	64QAM	100	0	17.95	17.93	17.85		
20	256QAM	1	0	15.98	15.99	15.79	17.5	5
20	256QAM	1	49	15.82	15.90	15.67		
20	256QAM	1	99	15.79	15.75	15.69		
20	256QAM	50	0	15.92	15.90	15.83	17.5	5
20	256QAM	50	24	15.88	15.96	15.69		
20	256QAM	50	50	15.71	15.80	15.75		
20	256QAM	100	0	15.75	15.65	15.60		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.79	20.86	20.78	22.5	0
15	QPSK	1	37	20.78	20.85	20.80		
15	QPSK	1	74	20.71	20.75	20.67		
15	QPSK	36	0	19.88	19.92	19.79	21.5	1
15	QPSK	36	20	19.74	19.81	19.74		
15	QPSK	36	39	19.67	19.69	19.66		
15	QPSK	75	0	19.77	19.85	19.85		
15	16QAM	1	0	19.79	19.80	19.65	21.5	1
15	16QAM	1	37	19.65	19.72	19.65		
15	16QAM	1	74	19.68	19.52	19.66		
15	16QAM	36	0	18.86	18.83	18.68	20.5	2
15	16QAM	36	20	18.82	18.87	18.73		
15	16QAM	36	39	18.69	18.65	18.68		
15	16QAM	75	0	18.76	18.84	18.85		
15	64QAM	1	0	18.78	18.80	18.66	20.5	2
15	64QAM	1	37	18.58	18.64	18.57		
15	64QAM	1	74	18.63	18.56	18.55		
15	64QAM	36	0	17.83	17.86	17.77	19.5	3
15	64QAM	36	20	17.77	17.74	17.79		
15	64QAM	36	39	17.69	17.62	17.57		
15	64QAM	75	0	17.89	17.80	17.74		
15	256QAM	1	0	15.88	15.86	15.72	17.5	5
15	256QAM	1	37	15.76	15.85	15.83		
15	256QAM	1	74	15.74	15.61	15.60		
15	256QAM	36	0	15.81	15.76	15.70	17.5	5
15	256QAM	36	20	15.77	15.90	15.56		
15	256QAM	36	39	15.58	15.66	15.63		
15	256QAM	75	0	15.68	15.53	15.53		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.84	20.85	20.78	22.5	0
10	QPSK	1	25	20.82	20.79	20.71		
10	QPSK	1	49	20.74	20.65	20.68		
10	QPSK	25	0	19.83	19.83	19.72	21.5	1
10	QPSK	25	12	19.72	19.82	19.72		
10	QPSK	25	25	19.71	19.71	19.58		
10	QPSK	50	0	19.87	19.85	19.77		
10	16QAM	1	0	19.77	19.83	19.60	21.5	1
10	16QAM	1	25	19.61	19.70	19.62		
10	16QAM	1	49	19.66	19.50	19.53		
10	16QAM	25	0	18.91	18.79	18.68	20.5	2
10	16QAM	25	12	18.78	18.83	18.66		
10	16QAM	25	25	18.71	18.71	18.64		
10	16QAM	50	0	18.83	18.93	18.91		
10	64QAM	1	0	18.73	18.81	18.63	20.5	2
10	64QAM	1	25	18.66	18.74	18.66		
10	64QAM	1	49	18.63	18.53	18.56		
10	64QAM	25	0	17.82	17.89	17.73	19.5	3
10	64QAM	25	12	17.82	17.83	17.81		
10	64QAM	25	25	17.62	17.69	17.66		
10	64QAM	50	0	17.88	17.87	17.76		
10	256QAM	1	0	15.92	15.89	15.67	17.5	5
10	256QAM	1	25	15.67	15.78	15.77		
10	256QAM	1	49	15.74	15.65	15.63		
10	256QAM	25	0	15.79	15.77	15.70	17.5	5
10	256QAM	25	12	15.75	15.73	15.55		
10	256QAM	25	25	15.59	15.72	15.69		
10	256QAM	50	0	15.64	15.60	15.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.78	20.88	20.82	22.5	0
5	QPSK	1	12	20.75	20.85	20.73		
5	QPSK	1	24	20.77	20.66	20.63		
5	QPSK	12	0	19.80	19.82	19.71	21.5	1
5	QPSK	12	7	19.81	19.82	19.71		
5	QPSK	12	13	19.66	19.73	19.66		
5	QPSK	25	0	19.80	19.79	19.78		
5	16QAM	1	0	19.74	19.85	19.58	21.5	1
5	16QAM	1	12	19.61	19.71	19.60		
5	16QAM	1	24	19.66	19.53	19.55		
5	16QAM	12	0	18.84	18.78	18.74	20.5	2
5	16QAM	12	7	18.77	18.87	18.66		
5	16QAM	12	13	18.62	18.82	18.59		
5	16QAM	25	0	18.78	18.95	18.82		
5	64QAM	1	0	18.81	18.79	18.70	20.5	2
5	64QAM	1	12	18.64	18.65	18.57		
5	64QAM	1	24	18.58	18.53	18.55		
5	64QAM	12	0	17.86	17.89	17.74	19.5	3
5	64QAM	12	7	17.73	17.79	17.82		
5	64QAM	12	13	17.66	17.68	17.64		
5	64QAM	25	0	17.91	17.90	17.70		
5	256QAM	1	0	15.86	15.95	15.67	17.5	5
5	256QAM	1	12	15.79	15.86	15.82		
5	256QAM	1	24	15.66	15.60	15.62		
5	256QAM	12	0	15.78	15.85	15.78	17.5	5
5	256QAM	12	7	15.81	15.90	15.61		
5	256QAM	12	13	15.60	15.72	15.65		
5	256QAM	25	0	15.66	15.51	15.59		

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.45	22.50	22.43	24	0
10	QPSK	1	25	22.41	22.46	22.39		
10	QPSK	1	49	22.32	22.36	22.36		
10	QPSK	25	0	21.44	21.55	21.46	23	1
10	QPSK	25	12	21.45	21.48	21.45		
10	QPSK	25	25	21.28	21.35	21.36		
10	QPSK	50	0	21.47	21.52	21.44		
10	16QAM	1	0	21.31	21.46	21.40	23	1
10	16QAM	1	25	21.39	21.40	21.38		
10	16QAM	1	49	21.13	21.26	21.25		
10	16QAM	25	0	20.45	20.58	20.43	22	2
10	16QAM	25	12	20.51	20.53	20.43		
10	16QAM	25	25	20.33	20.32	20.31		
10	16QAM	50	0	20.51	20.47	20.45		
10	64QAM	1	0	20.32	20.42	20.34	22	2
10	64QAM	1	25	20.36	20.35	20.34		
10	64QAM	1	49	20.09	20.25	20.30		
10	64QAM	25	0	19.39	19.54	19.42	21	3
10	64QAM	25	12	19.40	19.53	19.49		
10	64QAM	25	25	19.31	19.32	19.36		
10	64QAM	50	0	19.49	19.53	19.42		
10	256QAM	1	0	17.47	17.61	17.48	19	5
10	256QAM	1	25	17.45	17.50	17.50		
10	256QAM	1	49	17.29	17.33	17.40		
10	256QAM	25	0	17.50	17.57	17.43	19	5
10	256QAM	25	12	17.30	17.40	17.36		
10	256QAM	25	25	17.38	17.35	17.32		
10	256QAM	50	0	17.10	17.23	17.21		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.40	22.37	22.36	24	0
5	QPSK	1	12	22.27	22.40	22.35		
5	QPSK	1	24	22.19	22.27	22.24		
5	QPSK	12	0	21.35	21.45	21.42	23	1
5	QPSK	12	7	21.37	21.37	21.42		
5	QPSK	12	13	21.17	21.28	21.30		
5	QPSK	25	0	21.33	21.47	21.41		
5	16QAM	1	0	21.23	21.39	21.30	23	1
5	16QAM	1	12	21.27	21.35	21.30		
5	16QAM	1	24	21.16	21.14	21.11		
5	16QAM	12	0	20.31	20.49	20.38	22	2
5	16QAM	12	7	20.37	20.46	20.36		
5	16QAM	12	13	20.25	20.27	20.24		
5	16QAM	25	0	20.41	20.37	20.33		
5	64QAM	1	0	20.19	20.31	20.21	22	2
5	64QAM	1	12	20.23	20.29	20.21		
5	64QAM	1	24	20.05	20.16	20.17		
5	64QAM	12	0	19.32	19.39	19.29	21	3
5	64QAM	12	7	19.33	19.44	19.37		
5	64QAM	12	13	19.16	19.26	19.27		
5	64QAM	25	0	19.42	19.39	19.30		
5	256QAM	1	0	17.38	17.55	17.34	19	5
5	256QAM	1	12	17.39	17.45	17.35		
5	256QAM	1	24	17.19	17.25	17.35		
5	256QAM	12	0	17.43	17.53	17.34	19	5
5	256QAM	12	7	17.25	17.33	17.27		
5	256QAM	12	13	17.22	17.32	17.27		
5	256QAM	25	0	17.00	17.15	17.10		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.36	22.42	22.36	24	0
3	QPSK	1	8	22.38	22.35	22.32		
3	QPSK	1	14	22.17	22.33	22.29		
3	QPSK	8	0	21.35	21.41	21.34	23	1
3	QPSK	8	4	21.39	21.37	21.39		
3	QPSK	8	7	21.17	21.26	21.23		
3	QPSK	15	0	21.33	21.43	21.30		
3	16QAM	1	0	21.21	21.35	21.33	23	1
3	16QAM	1	8	21.30	21.25	21.24		
3	16QAM	1	14	21.22	21.23	21.22		
3	16QAM	8	0	20.39	20.54	20.29	22	2
3	16QAM	8	4	20.46	20.42	20.32		
3	16QAM	8	7	20.19	20.23	20.24		
3	16QAM	15	0	20.46	20.36	20.33		
3	64QAM	1	0	20.23	20.34	20.26	22	2
3	64QAM	1	8	20.30	20.22	20.28		
3	64QAM	1	14	20.04	20.15	20.27		
3	64QAM	8	0	19.29	19.42	19.28	21	3
3	64QAM	8	4	19.30	19.38	19.34		
3	64QAM	8	7	19.24	19.28	19.30		
3	64QAM	15	0	19.45	19.49	19.30		
3	256QAM	1	0	17.39	17.47	17.40	19	5
3	256QAM	1	8	17.34	17.37	17.40		
3	256QAM	1	14	17.16	17.22	17.30		
3	256QAM	8	0	17.46	17.47	17.31	19	5
3	256QAM	8	4	17.24	17.26	17.23		
3	256QAM	8	7	17.34	17.31	17.22		
3	256QAM	15	0	17.16	17.18	17.13		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.38	22.42	22.30	24	0
1.4	QPSK	1	3	22.31	22.39	22.34		
1.4	QPSK	1	5	22.24	22.30	22.31		
1.4	QPSK	3	0	22.26	22.36	22.18		
1.4	QPSK	3	1	22.20	22.26	22.30		
1.4	QPSK	3	3	22.16	22.21	22.18		
1.4	QPSK	6	0	21.38	21.46	21.37	23	1
1.4	16QAM	1	0	21.25	21.34	21.34	23	1
1.4	16QAM	1	3	21.25	21.37	21.23		
1.4	16QAM	1	5	21.05	21.12	21.22		
1.4	16QAM	3	0	21.30	21.39	21.29		
1.4	16QAM	3	1	21.19	21.21	21.25		
1.4	16QAM	3	3	21.21	21.31	21.13		
1.4	16QAM	6	0	20.48	20.38	20.34	22	2
1.4	64QAM	1	0	20.27	20.32	20.30	22	2
1.4	64QAM	1	3	20.22	20.25	20.21		
1.4	64QAM	1	5	20.02	20.21	20.26		
1.4	64QAM	3	0	20.40	20.34	20.22		
1.4	64QAM	3	1	20.18	20.27	20.20		
1.4	64QAM	3	3	20.17	20.20	20.07		
1.4	64QAM	6	0	19.40	19.49	19.32	21	3
1.4	256QAM	1	0	17.37	17.53	17.41	19	5
1.4	256QAM	1	3	17.33	17.44	17.37		
1.4	256QAM	1	5	17.18	17.24	17.32		
1.4	256QAM	3	0	17.37	17.52	17.39		
1.4	256QAM	3	1	17.21	17.36	17.24		
1.4	256QAM	3	3	17.31	17.29	17.17		
1.4	256QAM	6	0	17.00	17.16	17.14	19	5

Band 13 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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.60		24	0
10	QPSK	1	25		22.55			
10	QPSK	1	49		22.50			
10	QPSK	25	0		21.61		23	1
10	QPSK	25	12		21.51			
10	QPSK	25	25		21.52			
10	QPSK	50	0		21.60			
10	16QAM	1	0		21.57		23	1
10	16QAM	1	25		21.43			
10	16QAM	1	49		21.44			
10	16QAM	25	0		20.65		22	2
10	16QAM	25	12		20.50			
10	16QAM	25	25		20.53			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.59		22	2
10	64QAM	1	25		20.45			
10	64QAM	1	49		20.45			
10	64QAM	25	0		19.56		21	3
10	64QAM	25	12		19.47			
10	64QAM	25	25		19.56			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.54			
10	256QAM	1	49		17.55			
10	256QAM	25	0		17.61		19	5
10	256QAM	25	12		17.59			
10	256QAM	25	25		17.48			
10	256QAM	50	0		17.50			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.46	22.52	22.50	24	0
5	QPSK	1	12	22.47	22.52	22.46		
5	QPSK	1	24	22.37	22.37	22.40		
5	QPSK	12	0	21.46	21.52	21.53	23	1
5	QPSK	12	7	21.45	21.41	21.46		
5	QPSK	12	13	21.40	21.39	21.45		
5	QPSK	25	0	21.47	21.49	21.45		
5	16QAM	1	0	21.52	21.47	21.49	23	1
5	16QAM	1	12	21.34	21.37	21.30		
5	16QAM	1	24	21.33	21.33	21.31		
5	16QAM	12	0	20.50	20.58	20.58	22	2
5	16QAM	12	7	20.38	20.47	20.41		
5	16QAM	12	13	20.45	20.49	20.41		
5	16QAM	25	0	20.47	20.48	20.49		
5	64QAM	1	0	20.45	20.52	20.45	22	2
5	64QAM	1	12	20.36	20.41	20.40		
5	64QAM	1	24	20.35	20.38	20.33		
5	64QAM	12	0	19.46	19.50	19.48	21	3
5	64QAM	12	7	19.36	19.42	19.37		
5	64QAM	12	13	19.45	19.49	19.43		
5	64QAM	25	0	19.47	19.52	19.52		
5	256QAM	1	0	17.51	17.46	17.42	19	5
5	256QAM	1	12	17.48	17.50	17.48		
5	256QAM	1	24	17.45	17.51	17.50		
5	256QAM	12	0	17.56	17.58	17.50	19	5
5	256QAM	12	7	17.50	17.54	17.50		
5	256QAM	12	13	17.37	17.33	17.44		
5	256QAM	25	0	17.43	17.46	17.36		

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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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.33	22.46	22.36	24	0
10	QPSK	1	25	22.26	22.32	22.31		
10	QPSK	1	49	22.22	22.28	22.22		
10	QPSK	25	0	21.29	21.42	21.33	23	1
10	QPSK	25	12	21.33	21.36	21.35		
10	QPSK	25	25	21.24	21.20	21.24		
10	QPSK	50	0	21.33	21.43	21.31		
10	16QAM	1	0	21.22	21.39	21.30	23	1
10	16QAM	1	25	21.27	21.32	21.29		
10	16QAM	1	49	21.09	21.19	21.12		
10	16QAM	25	0	20.32	20.49	20.36	22	2
10	16QAM	25	12	20.39	20.41	20.30		
10	16QAM	25	25	20.29	20.17	20.23		
10	16QAM	50	0	20.46	20.41	20.40		
10	64QAM	1	0	20.24	20.29	20.29	22	2
10	64QAM	1	25	20.29	20.24	20.26		
10	64QAM	1	49	20.04	20.15	20.19		
10	64QAM	25	0	19.28	19.44	19.36	21	3
10	64QAM	25	12	19.36	19.44	19.38		
10	64QAM	25	25	19.18	19.28	19.22		
10	64QAM	50	0	19.45	19.40	19.28		
10	256QAM	1	0	17.41	17.49	17.40	19	5
10	256QAM	1	25	17.41	17.46	17.40		
10	256QAM	1	49	17.20	17.21	17.30		
10	256QAM	25	0	17.39	17.42	17.31	19	5
10	256QAM	25	12	17.19	17.35	17.23		
10	256QAM	25	25	17.27	17.28	17.22		
10	256QAM	50	0	17.07	17.18	17.08		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.20	22.37	22.32	24	0
5	QPSK	1	12	22.15	22.20	22.25		
5	QPSK	1	24	22.08	22.18	22.16		
5	QPSK	12	0	21.14	21.31	21.22	23	1
5	QPSK	12	7	21.27	21.32	21.27		
5	QPSK	12	13	21.14	21.10	21.11		
5	QPSK	25	0	21.25	21.35	21.26		
5	16QAM	1	0	21.14	21.27	21.16	23	1
5	16QAM	1	12	21.20	21.21	21.20		
5	16QAM	1	24	21.02	21.08	21.06		
5	16QAM	12	0	20.18	20.46	20.30	22	2
5	16QAM	12	7	20.28	20.29	20.15		
5	16QAM	12	13	20.18	20.05	20.10		
5	16QAM	25	0	20.32	20.37	20.33		
5	64QAM	1	0	20.12	20.25	20.19	22	2
5	64QAM	1	12	20.24	20.14	20.16		
5	64QAM	1	24	20.00	20.09	20.12		
5	64QAM	12	0	19.23	19.36	19.31	21	3
5	64QAM	12	7	19.27	19.33	19.30		
5	64QAM	12	13	19.04	19.19	19.10		
5	64QAM	25	0	19.34	19.28	19.22		
5	256QAM	1	0	17.37	17.45	17.32	19	5
5	256QAM	1	12	17.28	17.33	17.36		
5	256QAM	1	24	17.10	17.18	17.15		
5	256QAM	12	0	17.34	17.37	17.19	19	5
5	256QAM	12	7	17.11	17.27	17.11		
5	256QAM	12	13	17.20	17.15	17.08		
5	256QAM	25	0	17.00	17.08	17.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.81	22.82	22.81	24	0
15	QPSK	1	37	22.64	22.75	22.73		
15	QPSK	1	74	22.71	22.77	22.72		
15	QPSK	36	0	21.89	21.91	21.72	23	1
15	QPSK	36	20	21.65	21.80	21.69		
15	QPSK	36	39	21.62	21.68	21.68		
15	QPSK	75	0	21.82	21.85	21.77		
15	16QAM	1	0	21.76	21.83	21.69	23	1
15	16QAM	1	37	21.53	21.82	21.64		
15	16QAM	1	74	21.63	21.63	21.62		
15	16QAM	36	0	20.92	20.84	20.85	22	2
15	16QAM	36	20	20.75	20.87	20.71		
15	16QAM	36	39	20.68	20.68	20.67		
15	16QAM	75	0	20.85	20.80	20.79		
15	64QAM	1	0	20.69	20.77	20.80	22	2
15	64QAM	1	37	20.54	20.84	20.62		
15	64QAM	1	74	20.56	20.53	20.60		
15	64QAM	36	0	19.80	19.94	19.75	21	3
15	64QAM	36	20	19.71	19.86	19.73		
15	64QAM	36	39	19.69	19.68	19.69		
15	64QAM	75	0	19.75	19.79	19.67		
15	256QAM	1	0	17.92	17.90	17.84	19	5
15	256QAM	1	37	17.79	17.79	17.72		
15	256QAM	1	74	17.66	17.79	17.72		
15	256QAM	36	0	17.67	17.94	17.72	19	5
15	256QAM	36	20	17.70	17.80	17.67		
15	256QAM	36	39	17.53	17.76	17.60		
15	256QAM	75	0	17.62	17.49	17.54		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.70	22.69	22.72	24	0
10	QPSK	1	25	22.53	22.60	22.67		
10	QPSK	1	49	22.57	22.70	22.58		
10	QPSK	25	0	21.80	21.80	21.58	23	1
10	QPSK	25	12	21.51	21.66	21.62		
10	QPSK	25	25	21.49	21.63	21.54		
10	QPSK	50	0	21.72	21.80	21.73		
10	16QAM	1	0	21.63	21.71	21.63	23	1
10	16QAM	1	25	21.39	21.77	21.61		
10	16QAM	1	49	21.57	21.53	21.51		
10	16QAM	25	0	20.81	20.80	20.79	22	2
10	16QAM	25	12	20.72	20.84	20.59		
10	16QAM	25	25	20.53	20.58	20.56		
10	16QAM	50	0	20.77	20.71	20.76		
10	64QAM	1	0	20.58	20.73	20.75	22	2
10	64QAM	1	25	20.47	20.75	20.54		
10	64QAM	1	49	20.44	20.44	20.50		
10	64QAM	25	0	19.75	19.89	19.66	21	3
10	64QAM	25	12	19.65	19.75	19.67		
10	64QAM	25	25	19.65	19.55	19.59		
10	64QAM	50	0	19.71	19.66	19.58		
10	256QAM	1	0	17.84	17.76	17.71	19	5
10	256QAM	1	25	17.72	17.68	17.61		
10	256QAM	1	49	17.53	17.64	17.64		
10	256QAM	25	0	17.63	17.79	17.62	19	5
10	256QAM	25	12	17.60	17.75	17.64		
10	256QAM	25	25	17.43	17.72	17.49		
10	256QAM	50	0	17.48	17.38	17.42		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.67	22.72	22.67	24	0
5	QPSK	1	12	22.51	22.62	22.64		
5	QPSK	1	24	22.61	22.65	22.59		
5	QPSK	12	0	21.75	21.77	21.57	23	1
5	QPSK	12	7	21.56	21.70	21.65		
5	QPSK	12	13	21.54	21.60	21.53		
5	QPSK	25	0	21.76	21.73	21.73		
5	16QAM	1	0	21.70	21.76	21.57	23	1
5	16QAM	1	12	21.39	21.79	21.52		
5	16QAM	1	24	21.53	21.58	21.52		
5	16QAM	12	0	20.80	20.69	20.78	22	2
5	16QAM	12	7	20.71	20.79	20.61		
5	16QAM	12	13	20.54	20.65	20.55		
5	16QAM	25	0	20.75	20.74	20.69		
5	64QAM	1	0	20.64	20.73	20.66	22	2
5	64QAM	1	12	20.48	20.74	20.50		
5	64QAM	1	24	20.44	20.38	20.52		
5	64QAM	12	0	19.74	19.90	19.67	21	3
5	64QAM	12	7	19.61	19.72	19.63		
5	64QAM	12	13	19.63	19.59	19.54		
5	64QAM	25	0	19.70	19.75	19.59		
5	256QAM	1	0	17.78	17.87	17.78	19	5
5	256QAM	1	12	17.65	17.73	17.64		
5	256QAM	1	24	17.54	17.71	17.65		
5	256QAM	12	0	17.55	17.88	17.62	19	5
5	256QAM	12	7	17.61	17.69	17.55		
5	256QAM	12	13	17.44	17.70	17.46		
5	256QAM	25	0	17.59	17.37	17.44		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.71	22.75	22.77	24	0
3	QPSK	1	8	22.53	22.67	22.62		
3	QPSK	1	14	22.68	22.63	22.62		
3	QPSK	8	0	21.75	21.80	21.64	23	1
3	QPSK	8	4	21.57	21.69	21.61		
3	QPSK	8	7	21.49	21.53	21.55		
3	QPSK	15	0	21.75	21.80	21.63		
3	16QAM	1	0	21.66	21.77	21.54	23	1
3	16QAM	1	8	21.45	21.78	21.60		
3	16QAM	1	14	21.57	21.54	21.50		
3	16QAM	8	0	20.77	20.71	20.71	22	2
3	16QAM	8	4	20.67	20.77	20.64		
3	16QAM	8	7	20.55	20.54	20.57		
3	16QAM	15	0	20.80	20.73	20.70		
3	64QAM	1	0	20.65	20.73	20.66	22	2
3	64QAM	1	8	20.44	20.80	20.59		
3	64QAM	1	14	20.48	20.49	20.46		
3	64QAM	8	0	19.67	19.84	19.62	21	3
3	64QAM	8	4	19.58	19.75	19.63		
3	64QAM	8	7	19.62	19.58	19.61		
3	64QAM	15	0	19.71	19.70	19.53		
3	256QAM	1	0	17.87	17.81	17.75	19	5
3	256QAM	1	8	17.75	17.66	17.67		
3	256QAM	1	14	17.57	17.68	17.63		
3	256QAM	8	0	17.57	17.88	17.61	19	5
3	256QAM	8	4	17.62	17.74	17.61		
3	256QAM	8	7	17.49	17.65	17.54		
3	256QAM	15	0	17.50	17.44	17.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.73	22.71	22.69	24	0
1.4	QPSK	1	3	22.60	22.62	22.67		
1.4	QPSK	1	5	22.67	22.71	22.66		
1.4	QPSK	3	0	22.64	22.67	22.57		
1.4	QPSK	3	1	22.46	22.57	22.63		
1.4	QPSK	3	3	22.54	22.67	22.59		
1.4	QPSK	6	0	21.75	21.70	21.66	23	1
1.4	16QAM	1	0	21.61	21.79	21.57	23	1
1.4	16QAM	1	3	21.48	21.67	21.54		
1.4	16QAM	1	5	21.51	21.52	21.52		
1.4	16QAM	3	0	21.70	21.65	21.63		
1.4	16QAM	3	1	21.54	21.65	21.51		
1.4	16QAM	3	3	21.34	21.61	21.42		
1.4	16QAM	6	0	20.81	20.76	20.65	22	2
1.4	64QAM	1	0	20.66	20.69	20.71	22	2
1.4	64QAM	1	3	20.46	20.71	20.49		
1.4	64QAM	1	5	20.46	20.47	20.51		
1.4	64QAM	3	0	20.74	20.67	20.53		
1.4	64QAM	3	1	20.58	20.59	20.63		
1.4	64QAM	3	3	20.32	20.59	20.37		
1.4	64QAM	6	0	19.67	19.73	19.57	21	3
1.4	256QAM	1	0	17.86	17.84	17.70	19	5
1.4	256QAM	1	3	17.73	17.72	17.65		
1.4	256QAM	1	5	17.54	17.66	17.61		
1.4	256QAM	3	0	17.52	17.80	17.60		
1.4	256QAM	3	1	17.60	17.70	17.59		
1.4	256QAM	3	3	17.39	17.62	17.55		
1.4	256QAM	6	0	17.55	17.41	17.49	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.78	21.79	21.75	22.8	0
20	QPSK	1	49	21.73	21.74	21.58		
20	QPSK	1	99	21.75	21.63	21.64		
20	QPSK	50	0	20.83	20.95	20.86	22	0.8
20	QPSK	50	24	20.80	20.91	20.91		
20	QPSK	50	50	20.88	20.78	20.90		
20	QPSK	100	0	20.90	20.99	20.86		
20	16QAM	1	0	20.80	20.84	20.77	22	0.8
20	16QAM	1	49	20.82	20.90	20.88		
20	16QAM	1	99	20.85	20.67	20.85		
20	16QAM	50	0	19.95	20.03	19.93	21	1.8
20	16QAM	50	24	19.81	19.95	19.88		
20	16QAM	50	50	19.94	19.78	19.93		
20	16QAM	100	0	19.95	19.98	19.90		
20	64QAM	1	0	19.72	19.90	19.84	21	1.8
20	64QAM	1	49	19.68	19.81	19.95		
20	64QAM	1	99	19.77	19.72	19.79		
20	64QAM	50	0	18.86	19.00	18.83	20	2.8
20	64QAM	50	24	18.77	18.89	18.86		
20	64QAM	50	50	18.91	18.75	18.81		
20	64QAM	100	0	18.92	18.97	18.78		
20	256QAM	1	0	16.97	16.93	16.87	18	4.8
20	256QAM	1	49	16.81	16.90	16.89		
20	256QAM	1	99	16.93	16.83	16.77		
20	256QAM	50	0	16.84	17.01	16.83	18	4.8
20	256QAM	50	24	16.83	16.96	16.75		
20	256QAM	50	50	16.87	16.91	16.97		
20	256QAM	100	0	16.81	16.74	16.81		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.75	21.70	21.70	22.8	0
15	QPSK	1	37	21.67	21.71	21.53		
15	QPSK	1	74	21.67	21.58	21.58		
15	QPSK	36	0	20.75	20.94	20.86	22	0.8
15	QPSK	36	20	20.72	20.81	20.84		
15	QPSK	36	39	20.82	20.71	20.84		
15	QPSK	75	0	20.84	20.92	20.77		
15	16QAM	1	0	20.80	20.84	20.67	22	0.8
15	16QAM	1	37	20.75	20.85	20.86		
15	16QAM	1	74	20.85	20.60	20.78		
15	16QAM	36	0	19.96	19.93	19.83	21	1.8
15	16QAM	36	20	19.70	19.85	19.79		
15	16QAM	36	39	19.87	19.70	19.92		
15	16QAM	75	0	19.93	19.95	19.83		
15	64QAM	1	0	19.66	19.82	19.84	21	1.8
15	64QAM	1	37	19.57	19.74	19.93		
15	64QAM	1	74	19.74	19.67	19.73		
15	64QAM	36	0	18.77	19.00	18.73	20	2.8
15	64QAM	36	20	18.69	18.87	18.76		
15	64QAM	36	39	18.82	18.68	18.72		
15	64QAM	75	0	18.91	18.91	18.71		
15	256QAM	1	0	16.87	16.92	16.87	18	4.8
15	256QAM	1	37	16.71	16.79	16.81		
15	256QAM	1	74	16.92	16.83	16.73		
15	256QAM	36	0	16.79	16.92	16.75	18	4.8
15	256QAM	36	20	16.78	16.89	16.68		
15	256QAM	36	39	16.82	16.91	16.92		
15	256QAM	75	0	16.73	16.75	16.70		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2595	2615		
10	QPSK	1	0	21.70	21.74	21.67	22.8	0
10	QPSK	1	25	21.65	21.67	21.58		
10	QPSK	1	49	21.67	21.57	21.64		
10	QPSK	25	0	20.79	20.89	20.86	22	0.8
10	QPSK	25	12	20.80	20.83	20.89		
10	QPSK	25	25	20.87	20.77	20.86		
10	QPSK	50	0	20.82	20.90	20.83		
10	16QAM	1	0	20.76	20.74	20.70	22	0.8
10	16QAM	1	25	20.79	20.81	20.82		
10	16QAM	1	49	20.83	20.58	20.76		
10	16QAM	25	0	19.86	19.94	19.84	21	1.8
10	16QAM	25	12	19.72	19.87	19.85		
10	16QAM	25	25	19.87	19.78	19.82		
10	16QAM	50	0	19.88	19.93	19.80		
10	64QAM	1	0	19.66	19.87	19.78	21	1.8
10	64QAM	1	25	19.61	19.75	19.86		
10	64QAM	1	49	19.68	19.66	19.80		
10	64QAM	25	0	18.83	18.97	18.81	20	2.8
10	64QAM	25	12	18.68	18.87	18.76		
10	64QAM	25	25	18.82	18.68	18.80		
10	64QAM	50	0	18.89	18.87	18.71		
10	256QAM	1	0	16.89	16.92	16.86	18	4.8
10	256QAM	1	25	16.73	16.79	16.87		
10	256QAM	1	49	16.93	16.81	16.76		
10	256QAM	25	0	16.83	16.95	16.82	18	4.8
10	256QAM	25	12	16.77	16.87	16.75		
10	256QAM	25	25	16.88	16.91	16.94		
10	256QAM	50	0	16.75	16.73	16.71		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.76	21.72	21.71	22.8	0
5	QPSK	1	12	21.71	21.71	21.47		
5	QPSK	1	24	21.70	21.63	21.58		
5	QPSK	12	0	20.77	20.85	20.75	22	0.8
5	QPSK	12	7	20.81	20.80	20.86		
5	QPSK	12	13	20.79	20.73	20.86		
5	QPSK	25	0	20.83	20.92	20.87		
5	16QAM	1	0	20.74	20.76	20.70	22	0.8
5	16QAM	1	12	20.74	20.80	20.85		
5	16QAM	1	24	20.74	20.60	20.80		
5	16QAM	12	0	19.89	20.03	19.84	21	1.8
5	16QAM	12	7	19.80	19.93	19.81		
5	16QAM	12	13	19.84	19.68	19.88		
5	16QAM	25	0	19.85	19.96	19.79		
5	64QAM	1	0	19.65	19.82	19.74	21	1.8
5	64QAM	1	12	19.64	19.76	19.95		
5	64QAM	1	24	19.67	19.61	19.71		
5	64QAM	12	0	18.83	18.90	18.80	20	2.8
5	64QAM	12	7	18.71	18.88	18.80		
5	64QAM	12	13	18.83	18.72	18.74		
5	64QAM	25	0	18.82	18.93	18.68		
5	256QAM	1	0	16.95	16.92	16.87	18	4.8
5	256QAM	1	12	16.82	16.80	16.86		
5	256QAM	1	24	16.87	16.75	16.78		
5	256QAM	12	0	16.75	16.94	16.76	18	4.8
5	256QAM	12	7	16.79	16.86	16.70		
5	256QAM	12	13	16.82	16.87	16.87		
5	256QAM	25	0	16.78	16.72	16.78		

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BW [MHz]	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	23.40	23.49	23.34	24.4	0
20	QPSK	1	49	23.32	23.36	23.34		
20	QPSK	1	99	23.39	23.31	23.38		
20	QPSK	50	0	23.32	23.46	23.33	24.4	0
20	QPSK	50	24	23.32	23.36	23.27		
20	QPSK	50	50	23.42	23.39	23.39		
20	QPSK	100	0	23.29	23.38	23.33		
20	16QAM	1	0	23.40	23.40	23.28	24.4	0
20	16QAM	1	49	23.28	23.36	23.26		
20	16QAM	1	99	23.46	23.30	23.27		
20	16QAM	50	0	22.98	23.03	22.89	24	0.4
20	16QAM	50	24	22.83	22.94	22.77		
20	16QAM	50	50	22.92	22.89	22.85		
20	16QAM	100	0	22.83	22.91	22.77		
20	64QAM	1	0	22.94	22.87	22.86	24	0.4
20	64QAM	1	49	22.88	22.88	22.89		
20	64QAM	1	99	22.81	22.93	22.94		
20	64QAM	50	0	22.01	22.02	21.85	23	1.4
20	64QAM	50	24	21.73	21.97	21.79		
20	64QAM	50	50	21.88	21.76	21.82		
20	64QAM	100	0	21.95	21.93	21.76		
20	256QAM	1	0	20.02	19.91	19.85	21	3.4
20	256QAM	1	49	19.74	19.89	19.94		
20	256QAM	1	99	19.87	19.83	19.90		
20	256QAM	50	0	19.96	20.00	19.83	21	3.4
20	256QAM	50	24	19.76	19.93	19.78		
20	256QAM	50	50	19.93	19.89	19.83		
20	256QAM	100	0	19.90	19.86	19.87		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.33	23.44	23.27	24.4	0
15	QPSK	1	37	23.23	23.30	23.35		
15	QPSK	1	74	23.37	23.26	23.32		
15	QPSK	36	0	23.30	23.45	23.28	24.4	0
15	QPSK	36	20	23.29	23.37	23.22		
15	QPSK	36	39	23.43	23.39	23.33		
15	QPSK	75	0	23.19	23.28	23.30		
15	16QAM	1	0	23.31	23.35	23.22	24.4	0
15	16QAM	1	37	23.22	23.27	23.13		
15	16QAM	1	74	23.38	23.21	23.21		
15	16QAM	36	0	22.91	23.00	22.86	24	0.4
15	16QAM	36	20	22.77	22.91	22.69		
15	16QAM	36	39	22.88	22.88	22.84		
15	16QAM	75	0	22.83	22.89	22.71		
15	64QAM	1	0	22.92	22.86	22.79	24	0.4
15	64QAM	1	37	22.78	22.88	22.82		
15	64QAM	1	74	22.72	22.83	22.83		
15	64QAM	36	0	21.99	22.02	21.84	23	1.4
15	64QAM	36	20	21.63	21.87	21.70		
15	64QAM	36	39	21.79	21.76	21.74		
15	64QAM	75	0	21.87	21.83	21.69		
15	256QAM	1	0	19.92	19.90	19.83	21	3.4
15	256QAM	1	37	19.71	19.81	19.82		
15	256QAM	1	74	19.81	19.82	19.86		
15	256QAM	36	0	19.95	19.95	19.83	21	3.4
15	256QAM	36	20	19.70	19.86	19.74		
15	256QAM	36	39	19.92	19.80	19.76		
15	256QAM	75	0	19.88	19.76	19.78		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2573	2595	2615		
10	QPSK	1	0	23.37	23.40	23.27	24.4	0
10	QPSK	1	25	23.30	23.34	23.24		
10	QPSK	1	49	23.36	23.20	23.28		
10	QPSK	25	0	23.32	23.38	23.29	24.4	0
10	QPSK	25	12	23.30	23.25	23.27		
10	QPSK	25	25	23.40	23.30	23.31		
10	QPSK	50	0	23.23	23.36	23.25		
10	16QAM	1	0	23.40	23.30	23.27	24.4	0
10	16QAM	1	25	23.26	23.32	23.10		
10	16QAM	1	49	23.39	23.25	23.18		
10	16QAM	25	0	22.99	22.95	22.90	24	0.4
10	16QAM	25	12	22.81	22.92	22.67		
10	16QAM	25	25	22.83	22.87	22.84		
10	16QAM	50	0	22.80	22.90	22.76		
10	64QAM	1	0	22.88	22.77	22.85	24	0.4
10	64QAM	1	25	22.88	22.88	22.89		
10	64QAM	1	49	22.80	22.89	22.89		
10	64QAM	25	0	21.95	22.00	21.80	23	1.4
10	64QAM	25	12	21.62	21.92	21.78		
10	64QAM	25	25	21.82	21.74	21.79		
10	64QAM	50	0	21.86	21.94	21.68		
10	256QAM	1	0	19.96	19.90	19.77	21	3.4
10	256QAM	1	25	19.67	19.82	19.76		
10	256QAM	1	49	19.87	19.82	19.86		
10	256QAM	25	0	19.86	19.99	19.82	21	3.4
10	256QAM	25	12	19.65	19.83	19.73		
10	256QAM	25	25	19.83	19.84	19.78		
10	256QAM	50	0	19.87	19.86	19.84		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.33	23.44	23.31	24.4	0
5	QPSK	1	12	23.27	23.35	23.28		
5	QPSK	1	24	23.40	23.25	23.30		
5	QPSK	12	0	23.25	23.46	23.33	24.4	0
5	QPSK	12	7	23.22	23.26	23.18		
5	QPSK	12	13	23.37	23.36	23.29		
5	QPSK	25	0	23.27	23.35	23.33		
5	16QAM	1	0	23.36	23.37	23.21	24.4	0
5	16QAM	1	12	23.19	23.26	23.15		
5	16QAM	1	24	23.44	23.29	23.20		
5	16QAM	12	0	22.90	22.93	22.83	24	0.4
5	16QAM	12	7	22.83	22.87	22.66		
5	16QAM	12	13	22.83	22.86	22.85		
5	16QAM	25	0	22.79	22.90	22.67		
5	64QAM	1	0	22.93	22.85	22.82	24	0.4
5	64QAM	1	12	22.85	22.79	22.82		
5	64QAM	1	24	22.80	22.90	22.90		
5	64QAM	12	0	21.99	21.94	21.79	23	1.4
5	64QAM	12	7	21.73	21.86	21.74		
5	64QAM	12	13	21.85	21.68	21.82		
5	64QAM	25	0	21.87	21.89	21.76		
5	256QAM	1	0	19.99	19.90	19.84	21	3.4
5	256QAM	1	12	19.72	19.84	19.81		
5	256QAM	1	24	19.76	19.73	19.80		
5	256QAM	12	0	19.86	19.92	19.75	21	3.4
5	256QAM	12	7	19.67	19.92	19.77		
5	256QAM	12	13	19.89	19.78	19.74		
5	256QAM	25	0	19.88	19.84	19.81		

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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	21.73	21.77	21.80	21.75	21.76	22.8	0
20	QPSK	1	49	21.68	21.73	21.76	21.69	21.75		
20	QPSK	1	99	21.63	21.78	21.69	21.71	21.75		
20	QPSK	50	0	20.96	20.94	21.03	20.89	20.91	22	0.8
20	QPSK	50	24	20.96	20.88	21.01	20.94	20.95		
20	QPSK	50	50	20.79	20.97	20.85	20.91	20.91		
20	QPSK	100	0	20.98	20.94	21.01	20.90	20.98		
20	16QAM	1	0	20.85	20.82	20.91	20.86	20.81	22	0.8
20	16QAM	1	49	20.81	20.83	20.93	20.92	20.86		
20	16QAM	1	99	20.73	20.87	20.73	20.87	20.80		
20	16QAM	50	0	19.97	19.95	20.04	19.95	19.92	21	1.8
20	16QAM	50	24	19.85	19.82	20.01	19.88	19.94		
20	16QAM	50	50	19.73	19.98	19.83	19.93	19.92		
20	16QAM	100	0	20.02	19.97	20.04	19.95	19.95		
20	64QAM	1	0	19.83	19.79	19.92	19.84	19.77	21	1.8
20	64QAM	1	49	19.86	19.79	19.90	19.95	19.81		
20	64QAM	1	99	19.76	19.86	19.78	19.86	19.83		
20	64QAM	50	0	18.96	18.90	19.08	18.87	18.87	20	2.8
20	64QAM	50	24	18.82	18.84	18.96	18.96	19.00		
20	64QAM	50	50	18.82	18.92	18.81	18.88	18.89		
20	64QAM	100	0	19.00	18.91	18.97	18.87	19.03		
20	256QAM	1	0	16.91	16.97	17.02	16.92	16.92	18	4.8
20	256QAM	1	49	16.86	16.91	16.98	16.95	16.91		
20	256QAM	1	99	16.76	16.97	16.88	16.86	16.93		
20	256QAM	50	0	17.01	16.91	17.02	16.91	17.02	18	4.8
20	256QAM	50	24	16.84	16.86	16.97	16.82	16.76		
20	256QAM	50	50	16.83	16.87	16.96	16.97	16.90		
20	256QAM	100	0	16.74	16.85	16.76	16.91	16.81		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.71	21.71	21.77	21.67	21.74	23	0
15	QPSK	1	37	21.66	21.69	21.74	21.69	21.66		
15	QPSK	1	74	21.61	21.78	21.62	21.68	21.67		
15	QPSK	36	0	20.90	20.84	21.00	20.81	20.88	22	0.8
15	QPSK	36	20	20.79	20.82	20.95	20.93	20.93		
15	QPSK	36	39	20.76	20.93	20.83	20.89	20.91		
15	QPSK	75	0	20.89	20.94	20.95	20.89	20.87		
15	16QAM	1	0	20.81	20.74	20.83	20.76	20.76	22	0.8
15	16QAM	1	37	20.78	20.76	20.86	20.91	20.85		
15	16QAM	1	74	20.67	20.76	20.62	20.80	20.76		
15	16QAM	36	0	19.95	19.86	19.95	19.87	19.91	21	1.8
15	16QAM	36	20	19.80	19.82	19.91	19.77	19.85		
15	16QAM	36	39	19.71	19.98	19.80	19.91	19.92		
15	16QAM	75	0	19.94	19.93	19.99	19.90	19.90		
15	64QAM	1	0	19.78	19.79	19.92	19.77	19.69	21	1.8
15	64QAM	1	37	19.75	19.73	19.85	19.86	19.78		
15	64QAM	1	74	19.69	19.83	19.78	19.84	19.82		
15	64QAM	36	0	18.91	18.82	19.00	18.79	18.86	20	2.8
15	64QAM	36	20	18.72	18.78	18.86	18.91	18.96		
15	64QAM	36	39	18.71	18.89	18.81	18.81	18.87		
15	64QAM	75	0	18.95	18.84	18.93	18.84	18.95		
15	256QAM	1	0	16.91	16.95	16.98	16.83	16.90	18	4.8
15	256QAM	1	37	16.82	16.82	16.92	16.94	16.87		
15	256QAM	1	74	16.74	16.93	16.78	16.81	16.83		
15	256QAM	36	0	17.01	16.83	16.94	16.87	16.97	18	4.8
15	256QAM	36	20	16.73	16.77	16.86	16.72	16.76		
15	256QAM	36	39	16.74	16.87	16.91	16.94	16.79		
15	256QAM	75	0	16.68	16.76	16.69	16.83	16.82		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.73	21.67	21.76	21.72	21.68	23	0
10	QPSK	1	25	21.65	21.66	21.67	21.67	21.64		
10	QPSK	1	49	21.57	21.75	21.61	21.68	21.73		
10	QPSK	25	0	20.96	20.87	20.92	20.87	20.88	22	0.8
10	QPSK	25	12	20.77	20.82	20.91	20.84	20.85		
10	QPSK	25	25	20.69	20.87	20.81	20.91	20.81		
10	QPSK	50	0	20.91	20.85	20.91	20.82	20.94		
10	16QAM	1	0	20.77	20.79	20.90	20.84	20.81	22	0.8
10	16QAM	1	25	20.79	20.73	20.85	20.85	20.83		
10	16QAM	1	49	20.69	20.78	20.67	20.86	20.78		
10	16QAM	25	0	19.86	19.84	20.01	19.90	19.93	21	1.8
10	16QAM	25	12	19.84	19.73	19.97	19.78	19.87		
10	16QAM	25	25	19.63	19.98	19.78	19.90	19.91		
10	16QAM	50	0	19.97	19.97	20.05	19.89	19.93		
10	64QAM	1	0	19.77	19.78	19.91	19.84	19.75	21	1.8
10	64QAM	1	25	19.75	19.68	19.89	19.90	19.72		
10	64QAM	1	49	19.70	19.86	19.69	19.78	19.84		
10	64QAM	25	0	18.85	18.89	19.02	18.76	18.80	20	2.8
10	64QAM	25	12	18.74	18.84	18.93	18.86	18.94		
10	64QAM	25	25	18.71	18.91	18.71	18.82	18.82		
10	64QAM	50	0	18.91	18.90	18.95	18.81	19.02		
10	256QAM	1	0	16.89	16.88	16.95	16.82	16.88	18	4.8
10	256QAM	1	25	16.80	16.86	16.89	16.80	16.84		
10	256QAM	1	49	16.71	16.98	16.85	16.75	16.83		
10	256QAM	25	0	17.00	16.85	16.98	16.89	16.93	18	4.8
10	256QAM	25	12	16.80	16.77	16.98	16.72	16.73		
10	256QAM	25	25	16.77	16.83	16.91	16.89	16.87		
10	256QAM	50	0	16.64	16.74	16.70	16.89	16.71		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	21.66	21.75	21.71	21.69	21.71	23	0
5	QPSK	1	12	21.58	21.67	21.68	21.59	21.66		
5	QPSK	1	24	21.59	21.70	21.64	21.66	21.72		
5	QPSK	12	0	20.89	20.91	20.98	20.81	20.89	22	0.8
5	QPSK	12	7	20.87	20.83	20.90	20.85	20.86		
5	QPSK	12	13	20.79	20.88	20.80	20.88	20.83		
5	QPSK	25	0	20.95	20.85	20.93	20.87	20.90		
5	16QAM	1	0	20.84	20.77	20.87	20.86	20.75	22	0.8
5	16QAM	1	12	20.77	20.74	20.88	20.85	20.80		
5	16QAM	1	24	20.72	20.81	20.73	20.87	20.75		
5	16QAM	12	0	19.97	19.92	19.97	19.88	19.90	21	1.8
5	16QAM	12	7	19.85	19.74	20.01	19.88	19.84		
5	16QAM	12	13	19.69	19.95	19.80	19.93	19.92		
5	16QAM	25	0	19.95	19.89	20.04	19.88	19.95		
5	64QAM	1	0	19.78	19.70	19.90	19.82	19.69	21	1.8
5	64QAM	1	12	19.82	19.71	19.84	19.93	19.79		
5	64QAM	1	24	19.75	19.83	19.72	19.80	19.75		
5	64QAM	12	0	18.91	18.81	19.08	18.85	18.78	20	2.8
5	64QAM	12	7	18.82	18.78	18.96	18.88	18.92		
5	64QAM	12	13	18.81	18.83	18.78	18.81	18.83		
5	64QAM	25	0	18.95	18.87	18.90	18.83	19.00		
5	256QAM	1	0	16.90	16.89	17.02	16.82	16.89	18	4.8
5	256QAM	1	12	16.80	16.83	16.91	16.96	16.88		
5	256QAM	1	24	16.76	16.98	16.83	16.79	16.94		
5	256QAM	12	0	16.94	16.84	17.03	16.91	16.99	18	4.8
5	256QAM	12	7	16.78	16.87	16.87	16.82	16.70		
5	256QAM	12	13	16.78	16.82	16.93	16.97	16.80		
5	256QAM	25	0	16.73	16.79	16.74	16.89	16.78		

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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	23.42	23.46	23.50	23.43	23.47	24.4	0
20	QPSK	1	49	23.39	23.37	23.46	23.36	23.41		
20	QPSK	1	99	23.40	23.46	23.40	23.38	23.44		
20	QPSK	50	0	23.38	23.42	23.47	23.39	23.43		
20	QPSK	50	24	23.37	23.38	23.46	23.35	23.43		
20	QPSK	50	50	23.35	23.44	23.42	23.39	23.37		
20	QPSK	100	0	23.40	23.35	23.42	23.41	23.40		
20	16QAM	1	0	23.38	23.41	23.47	23.32	23.37	24.4	0
20	16QAM	1	49	23.30	23.36	23.41	23.26	23.36		
20	16QAM	1	99	23.37	23.46	23.30	23.33	23.41		
20	16QAM	50	0	22.91	22.99	23.05	22.92	22.97	24	0.4
20	16QAM	50	24	22.84	22.90	22.99	22.85	22.95		
20	16QAM	50	50	22.92	23.00	22.89	22.89	22.89		
20	16QAM	100	0	22.84	22.87	22.91	22.84	22.99		
20	64QAM	1	0	22.89	22.94	22.95	22.90	22.95	24	0.4
20	64QAM	1	49	22.88	22.92	22.96	22.92	22.92		
20	64QAM	1	99	22.90	22.85	22.93	22.95	22.84		
20	64QAM	50	0	21.92	22.01	22.04	21.89	21.94	23	1.4
20	64QAM	50	24	21.90	21.83	21.99	21.86	21.91		
20	64QAM	50	50	21.94	21.93	21.84	21.89	21.96		
20	64QAM	100	0	21.94	21.97	21.94	21.86	21.89		
20	256QAM	1	0	19.88	20.02	19.98	19.93	19.92	21	3.4
20	256QAM	1	49	19.84	19.85	19.94	19.89	19.91		
20	256QAM	1	99	19.95	19.92	19.90	19.92	19.98		
20	256QAM	50	0	19.91	19.97	20.01	19.87	19.94	21	3.4
20	256QAM	50	24	19.86	19.84	19.98	19.89	19.98		
20	256QAM	50	50	19.89	19.93	19.89	19.94	19.86		
20	256QAM	100	0	19.88	19.90	19.86	19.96	19.87		
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	23.31	23.38	23.40	23.35	23.43	24.40	0
15	QPSK	1	37	23.29	23.32	23.36	23.33	23.30		
15	QPSK	1	74	23.38	23.46	23.37	23.28	23.41		
15	QPSK	36	0	23.36	23.33	23.46	23.40	23.39	24.4	0
15	QPSK	36	20	23.31	23.39	23.47	23.24	23.40		
15	QPSK	36	39	23.26	23.39	23.39	23.30	23.35		
15	QPSK	75	0	23.29	23.25	23.35	23.35	23.39		
15	16QAM	1	0	23.28	23.37	23.44	23.32	23.30	24.4	0
15	16QAM	1	37	23.29	23.26	23.35	23.18	23.34		
15	16QAM	1	74	23.30	23.40	23.24	23.33	23.41		
15	16QAM	36	0	22.89	22.96	22.98	22.84	22.87	24	0.4
15	16QAM	36	20	22.73	22.79	23.00	22.83	22.84		
15	16QAM	36	39	22.87	22.90	22.83	22.83	22.87		
15	16QAM	75	0	22.82	22.83	22.87	22.84	22.95		
15	64QAM	1	0	22.89	22.85	22.95	22.90	22.90	24	0.4
15	64QAM	1	37	22.80	22.85	22.88	22.87	22.88		
15	64QAM	1	74	22.80	22.82	22.88	22.96	22.80		
15	64QAM	36	0	21.93	22.01	22.01	21.86	21.85	23	1.4
15	64QAM	36	20	21.82	21.77	22.00	21.82	21.90		
15	64QAM	36	39	21.86	21.83	21.73	21.79	21.92		
15	64QAM	75	0	21.86	21.88	21.95	21.83	21.89		
15	256QAM	1	0	19.83	20.00	19.97	19.86	19.89	21	3.4
15	256QAM	1	37	19.74	19.82	19.85	19.83	19.91		
15	256QAM	1	74	19.84	19.89	19.81	19.85	19.90		
15	256QAM	36	0	19.91	19.97	19.98	19.85	19.89	21	3.4
15	256QAM	36	20	19.86	19.80	19.98	19.86	19.91		
15	256QAM	36	39	19.88	19.91	19.86	19.75	19.86		
15	256QAM	75	0	19.88	19.81	19.77	19.94	19.82		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.33	23.45	23.46	23.35	23.37	24.40	0
10	QPSK	1	25	23.31	23.32	23.38	23.29	23.39		
10	QPSK	1	49	23.37	23.39	23.40	23.31	23.38		
10	QPSK	25	0	23.30	23.40	23.44	23.40	23.40	24.4	0
10	QPSK	25	12	23.35	23.34	23.39	23.35	23.34		
10	QPSK	25	25	23.31	23.34	23.38	23.38	23.36		
10	QPSK	50	0	23.32	23.31	23.37	23.35	23.33		
10	16QAM	1	0	23.30	23.35	23.40	23.24	23.38	24.4	0
10	16QAM	1	25	23.24	23.33	23.40	23.17	23.32		
10	16QAM	1	49	23.34	23.41	23.29	23.33	23.41		
10	16QAM	25	0	22.83	22.94	22.99	22.86	22.97	24	0.4
10	16QAM	25	12	22.80	22.81	22.90	22.80	22.86		
10	16QAM	25	25	22.83	22.89	22.90	22.85	22.87		
10	16QAM	50	0	22.75	22.86	22.83	22.80	22.92		
10	64QAM	1	0	22.79	22.89	22.90	22.80	22.87	24	0.4
10	64QAM	1	25	22.83	22.87	22.89	22.84	22.85		
10	64QAM	1	49	22.84	22.75	22.91	22.92	22.75		
10	64QAM	25	0	21.83	21.96	22.01	21.83	21.87	23	1.4
10	64QAM	25	12	21.84	21.80	21.92	21.75	21.88		
10	64QAM	25	25	21.94	21.92	21.82	21.78	21.97		
10	64QAM	50	0	21.95	21.94	21.87	21.85	21.82		
10	256QAM	1	0	19.78	19.95	19.96	19.92	19.90	21	3.4
10	256QAM	1	25	19.78	19.80	19.93	19.85	19.86		
10	256QAM	1	49	19.91	19.84	19.85	19.86	19.96		
10	256QAM	25	0	19.87	19.97	20.00	19.87	19.93	21	3.4
10	256QAM	25	12	19.75	19.80	19.97	19.84	19.90		
10	256QAM	25	25	19.87	19.82	19.79	19.79	19.79		
10	256QAM	50	0	19.78	19.82	19.86	19.90	19.78		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	23.38	23.44	23.48	23.33	23.41	24.40	0
5	QPSK	1	12	23.37	23.35	23.39	23.35	23.34		
5	QPSK	1	24	23.40	23.43	23.31	23.29	23.44		
5	QPSK	12	0	23.28	23.34	23.40	23.31	23.39	24.4	0
5	QPSK	12	7	23.32	23.37	23.42	23.32	23.36		
5	QPSK	12	13	23.30	23.42	23.41	23.36	23.31		
5	QPSK	25	0	23.36	23.35	23.35	23.41	23.34		
5	16QAM	1	0	23.30	23.34	23.43	23.23	23.36	24.4	0
5	16QAM	1	12	23.29	23.26	23.41	23.20	23.26		
5	16QAM	1	24	23.28	23.46	23.27	23.30	23.31		
5	16QAM	12	0	22.86	22.97	22.97	22.83	22.92	24	0.4
5	16QAM	12	7	22.84	22.81	22.93	22.82	22.91		
5	16QAM	12	13	22.85	22.95	22.87	22.84	22.87		
5	16QAM	25	0	22.77	22.83	22.88	22.78	23.00		
5	64QAM	1	0	22.84	22.83	22.84	22.87	22.87	24	0.4
5	64QAM	1	12	22.84	22.90	22.94	22.83	22.87		
5	64QAM	1	24	22.86	22.76	22.86	22.96	22.82		
5	64QAM	12	0	21.87	21.95	21.94	21.82	21.94	23	1.4
5	64QAM	12	7	21.79	21.75	21.89	21.77	21.91		
5	64QAM	12	13	21.91	21.86	21.83	21.87	21.95		
5	64QAM	25	0	21.88	21.96	21.87	21.78	21.83		
5	256QAM	1	0	19.78	20.02	19.91	19.88	19.90	21	3.4
5	256QAM	1	12	19.79	19.76	19.94	19.83	19.91		
5	256QAM	1	24	19.87	19.87	19.89	19.89	19.98		
5	256QAM	12	0	19.85	19.95	19.95	19.81	19.84	21	3.4
5	256QAM	12	7	19.83	19.79	19.94	19.79	19.95		
5	256QAM	12	13	19.79	19.84	19.79	19.77	19.85		
5	256QAM	25	0	19.87	19.85	19.76	19.89	19.86		

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	32.05	32.22	32.12	33.40	23.05	23.22	23.12	24.40
GPRS 1 Tx slot	31.84	32.11	32.08	33.40	22.84	23.11	23.08	24.40
GPRS 2 Tx slots	28.87	29.11	29.08	30.40	22.67	23.11	23.08	24.40
GPRS 3 Tx slots	27.52	27.59	27.54	28.60	23.26	23.33	23.28	24.34
GPRS 4 Tx slots	26.20	26.42	26.27	27.40	23.20	23.42	23.27	24.40
EDGE 1 Tx slot	26.12	26.15	26.12	27.00	17.12	17.15	17.12	18.00
EDGE 2 Tx slots	25.01	25.03	24.94	26.00	19.01	19.03	18.94	20.00
EDGE 3 Tx slots	23.40	23.48	23.54	24.50	19.14	19.22	19.28	20.24
EDGE 4 Tx slots	21.48	21.72	21.69	22.50	18.48	18.72	18.69	19.50

GSM1900 Ant 1 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	23.94	24.08	23.86	25.10	14.94	15.08	14.86	16.10
GPRS 1 Tx slot	23.79	23.99	23.80	25.10	14.79	14.99	14.80	16.10
GPRS 2 Tx slots	20.93	21.09	20.97	22.10	14.93	15.09	14.97	16.10
GPRS 3 Tx slots	19.00	19.08	19.05	20.30	14.74	14.82	14.79	16.04
GPRS 4 Tx slots	18.26	18.35	18.17	19.10	15.26	15.35	15.17	16.10
EDGE 1 Tx slot	23.56	23.52	23.41	24.50	14.56	14.52	14.41	15.50
EDGE 2 Tx slots	21.26	21.34	21.25	22.10	15.26	15.34	15.25	16.10
EDGE 3 Tx slots	19.06	19.09	18.92	20.30	14.80	14.83	14.66	16.04
EDGE 4 Tx slots	17.99	18.05	17.94	19.10	14.99	15.05	14.94	16.10

Band		WCDMA II Ant 1 DSI3			Tune-up Limit (dBm)	WCDMA IV Ant 1 DSI3			Tune-up Limit (dBm)	WCDMA V Ant 1 DSI3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	12.60	12.73	12.71	14.10	14.67	14.73	14.64	15.70	22.65	22.66	22.61	24.00
3GPP Rel 99	RMC 12.2Kbps	12.71	12.75	12.73	14.10	14.73	14.75	14.70	15.70	22.68	22.71	22.65	24.00
3GPP Rel 6	HSDPA Subtest-1	11.73	11.78	11.78	13.10	13.76	13.69	13.73	14.70	21.65	21.77	21.60	23.00
3GPP Rel 6	HSDPA Subtest-2	11.71	11.72	11.75	13.10	13.68	13.76	13.74	14.70	21.69	21.71	21.68	23.00
3GPP Rel 6	HSDPA Subtest-3	11.25	11.29	11.18	12.60	13.25	13.30	13.21	14.20	21.20	21.25	21.18	22.50
3GPP Rel 6	HSDPA Subtest-4	11.27	11.26	11.27	12.60	13.22	13.23	13.23	14.20	21.16	21.20	21.16	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	11.74	11.77	11.68	13.10	13.71	13.71	13.67	14.70	21.69	21.75	21.60	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	11.75	11.73	11.70	13.10	13.72	13.70	13.69	14.70	21.63	21.72	21.63	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	11.16	11.30	11.19	12.60	13.25	13.24	13.24	14.20	21.19	21.23	21.14	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	11.23	11.20	11.20	12.60	13.20	13.31	13.22	14.20	21.16	21.15	21.12	22.50
3GPP Rel 6	HSUPA Subtest-1	11.76	11.81	11.70	13.10	13.73	13.77	13.71	14.70	21.65	21.65	21.69	23.00
3GPP Rel 6	HSUPA Subtest-2	9.65	9.75	9.69	11.10	11.71	11.80	11.75	12.70	19.64	19.66	19.66	21.00
3GPP Rel 6	HSUPA Subtest-3	10.66	10.80	10.68	12.10	12.74	12.75	12.70	13.70	20.71	20.75	20.66	22.00
3GPP Rel 6	HSUPA Subtest-4	9.72	9.75	9.69	11.10	11.70	11.70	11.73	12.70	19.71	19.73	19.62	21.00
3GPP Rel 6	HSUPA Subtest-5	11.69	11.71	11.77	13.10	13.68	13.72	13.69	14.70	21.66	21.73	21.59	23.00

Band 2 Ant 1 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	12.27	12.30	12.25	13.6	0
20	QPSK	1	49	12.12	12.20	12.11		
20	QPSK	1	99	12.11	12.21	12.10		
20	QPSK	50	0	12.22	12.29	12.17		
20	QPSK	50	24	12.19	12.13	12.13	13.6	0
20	QPSK	50	50	12.17	12.22	12.19		
20	QPSK	100	0	12.25	12.27	12.17		
20	16QAM	1	0	12.26	12.29	12.23		
20	16QAM	1	49	12.05	12.11	12.02	13.6	0
20	16QAM	1	99	12.10	12.06	12.06		
20	16QAM	50	0	12.13	12.21	12.10		
20	16QAM	50	24	12.10	12.14	12.07	13.6	0
20	16QAM	50	50	12.07	12.15	12.11		
20	16QAM	100	0	12.15	12.24	12.07		
20	64QAM	1	0	12.25	12.19	12.15		
20	64QAM	1	49	12.03	12.13	12.08	13.6	0
20	64QAM	1	99	12.02	12.09	12.02		
20	64QAM	50	0	12.20	12.22	12.15		
20	64QAM	50	24	12.14	12.03	12.11	13.6	0
20	64QAM	50	50	12.07	12.12	12.11		
20	64QAM	100	0	12.23	12.17	12.07		
20	256QAM	1	0	12.19	12.27	12.18		
20	256QAM	1	49	12.05	12.15	12.04	13.6	0
20	256QAM	1	99	12.03	12.11	11.99		
20	256QAM	50	0	12.12	12.23	12.12		
20	256QAM	50	24	12.18	12.10	12.12	13.6	0
20	256QAM	50	50	12.17	12.11	12.10		
20	256QAM	100	0	12.21	12.26	12.13		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	12.23	12.23	12.23		
15	QPSK	1	37	12.13	12.20	12.11	13.6	0
15	QPSK	1	74	12.06	12.09	12.01		
15	QPSK	36	0	12.20	12.21	12.09		
15	QPSK	36	20	12.12	12.13	12.10	13.6	0
15	QPSK	36	39	12.09	12.13	12.09		
15	QPSK	75	0	12.17	12.22	12.06		
15	16QAM	1	0	12.20	12.19	12.23		
15	16QAM	1	37	12.06	12.06	11.93	13.6	0
15	16QAM	1	74	12.10	12.02	12.02		
15	16QAM	36	0	12.04	12.13	12.11		
15	16QAM	36	20	12.05	12.09	12.00	13.6	0
15	16QAM	36	39	11.99	12.09	12.06		
15	16QAM	75	0	12.04	12.16	12.01		
15	64QAM	1	0	12.15	12.17	12.10		
15	64QAM	1	37	11.97	12.08	12.07	13.6	0
15	64QAM	1	74	11.96	12.04	11.98		
15	64QAM	36	0	12.18	12.12	12.07		
15	64QAM	36	20	12.13	11.94	12.01	13.6	0
15	64QAM	36	39	11.97	12.13	12.05		
15	64QAM	75	0	12.22	12.12	12.00		
15	256QAM	1	0	12.14	12.22	12.07		
15	256QAM	1	37	12.01	12.09	12.00	13.6	0
15	256QAM	1	74	11.97	12.01	11.94		
15	256QAM	36	0	12.09	12.15	12.07		
15	256QAM	36	20	12.18	12.07	12.01	13.6	0
15	256QAM	36	39	12.13	12.00	12.03		
15	256QAM	75	0	12.13	12.26	12.05		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	12.26	12.21	12.19		
10	QPSK	1	25	12.02	12.16	12.04	13.6	0
10	QPSK	1	49	12.09	12.07	12.01		
10	QPSK	25	0	12.15	12.27	12.17		
10	QPSK	25	12	12.12	12.10	12.13	13.6	0
10	QPSK	25	25	12.17	12.12	12.19		
10	QPSK	50	0	12.15	12.22	12.08		
10	16QAM	1	0	12.25	12.27	12.13		
10	16QAM	1	25	12.05	12.10	12.00	13.6	0
10	16QAM	1	49	12.00	11.98	12.03		
10	16QAM	25	0	12.12	12.10	12.08		
10	16QAM	25	12	12.07	12.07	12.06	13.6	0
10	16QAM	25	25	11.98	12.06	12.01		
10	16QAM	50	0	12.16	12.19	12.01		
10	64QAM	1	0	12.16	12.19	12.15		
10	64QAM	1	25	11.99	12.06	11.97	13.6	0
10	64QAM	1	49	11.99	12.01	12.02		
10	64QAM	25	0	12.13	12.15	12.06		
10	64QAM	25	12	12.03	11.96	12.03	13.6	0
10	64QAM	25	25	12.02	12.01	12.00		
10	64QAM	50	0	12.20	12.14	12.04		
10	256QAM	1	0	12.26	12.28	12.18		
10	256QAM	1	25	11.99	12.13	11.93	13.6	0
10	256QAM	1	49	12.02	12.10	11.92		
10	256QAM	25	0	12.11	12.19	12.12		
10	256QAM	25	12	12.07	12.02	12.02	13.6	0
10	256QAM	25	25	12.15	12.05	12.12		
10	256QAM	50	0	12.16	12.25	12.11		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	12.19	12.24	12.23		
5	QPSK	1	12	12.04	12.19	12.06	13.6	0
5	QPSK	1	24	12.02	12.06	12.02		
5	QPSK	12	0	12.20	12.28	12.10		
5	QPSK	12	7	12.15	12.10	12.12	13.6	0
5	QPSK	12	13	12.17	12.11	12.16		
5	QPSK	25	0	12.22	12.16	12.18		
5	16QAM	1	0	12.16	12.23	12.17		
5	16QAM	1	12	11.97	12.08	12.02	13.6	0
5	16QAM	1	24	12.01	11.96	12.04		
5	16QAM	12	0	12.08	12.18	12.09		
5	16QAM	12	7	12.03	12.07	12.01	13.6	0
5	16QAM	12	13	12.08	12.02	12.07		
5	16QAM	25	0	12.14	12.24	11.99		
5	64QAM	1	0	12.25	12.16	12.05		
5	64QAM	1	12	11.93	12.08	11.99	13.6	0
5	64QAM	1	24	11.95	11.99	11.93		
5	64QAM	12	0	12.10	12.20	12.05		
5	64QAM	12	7	12.09	11.99	12.04	13.6	0
5	64QAM	12	13	11.99	12.05	12.04		
5	64QAM	25	0	12.14	12.11	12.03		
5	256QAM	1	0	12.15	12.21	12.13		
5	256QAM	1	12	11.99	12.12	11.96	13.6	0
5	256QAM	1	24	12.04	12.07	11.89		
5	256QAM	12	0	12.04	12.11	12.02		
5	256QAM	12	7	12.15	12.00	12.08	13.6	0
5	256QAM	12	13	12.08	12.07	12.19		
5	256QAM	25	0	12.11	12.26	12.11		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	12.24	12.26	12.22		
3	QPSK	1	8	12.04	12.10	12.03	13.6	0
3	QPSK	1	14	12.10	12.05	12.08		
3	QPSK	8	0	12.17	12.21	12.07		
3	QPSK	8	4	12.11	12.05	12.06	13.6	0
3	QPSK	8	7	12.08	12.17	12.10		
3	QPSK	15	0	12.17	12.17	12.08		
3	16QAM	1	0	12.17	12.26	12.24		
3	16QAM	1	8	11.98	12.05	11.93	13.6	0
3	16QAM	1	14	12.05	11.99	11.99		
3	16QAM	8	0	12.05	12.18	12.12		
3	16QAM	8	4	12.06	12.13	12.02	13.6	0
3	16QAM	8	7	12.02	12.08	12.04		
3	16QAM	15	0	12.09	12.24	12.02		
3	64QAM	1	0	12.20	12.16	12.05		
3	64QAM	1	8	11.95	12.06	12.02	13.6	0
3	64QAM	1	14	11.96	12.06	11.95		
3	64QAM	8	0	12.14	12.17	12.11		
3	64QAM	8	4	12.09	11.98	12.07	13.6	0
3	64QAM	8	7	12.00	12.03	12.07		
3	64QAM	15	0	12.17	12.15	12.05		
3	256QAM	1	0	12.10	12.28	12.10		
3	256QAM	1	8	12.02	12.09	12.01	13.6	0
3	256QAM	1	14	12.03	12.06	11.92		
3	256QAM	8	0	12.05	12.20	12.02		
3	256QAM	8	4	12.14	12.00	12.02	13.6	0
3	256QAM	8	7	12.09	12.11	12.11		
3	256QAM	15	0	12.14	12.27	12.14		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	12.21	12.26	12.24		
1.4	QPSK	1	3	12.04	12.11	12.11		
1.4	QPSK	1	5	12.09	12.04	12.04	13.6	0
1.4	QPSK	3	0	12.13	12.24	12.17		
1.4	QPSK	3	1	12.19	12.09	12.06		
1.4	QPSK	3	3	12.12	12.13	12.09		
1.4	QPSK	6	0	12.18	12.21	12.15	13.6	0
1.4	16QAM	1	0	12.24	12.28	12.22		
1.4	16QAM	1	3	12.05	12.08	11.96		
1.4	16QAM	1	5	11.99	12.06	12.02	13.6	0
1.4	16QAM	3	0	12.03	12.18	12.10		
1.4	16QAM	3	1	11.99	12.05	12.08		
1.4	16QAM	3	3	11.98	12.08	12.05		
1.4	16QAM	6	0	12.09	12.25	12.02	13.6	0
1.4	64QAM	1	0	12.24	12.11	12.09		
1.4	64QAM	1	3	12.02	12.03	11.99		
1.4	64QAM	1	5	11.92	11.99	11.96	13.6	0
1.4	64QAM	3	0	12.20	12.13	12.14		
1.4	64QAM	3	1	12.09	12.00	12.00		
1.4	64QAM	3	3	12.04	12.06	12.01		
1.4	64QAM	6	0	12.21	12.17	12.02	13.6	0
1.4	256QAM	1	0	12.12	12.20	12.11		
1.4	256QAM	1	3	12.02	12.08	11.95		
1.4	256QAM	1	5	11.99	12.09	11.97	13.6	0
1.4	256QAM	3	0	12.07	12.16	12.11		
1.4	256QAM	3	1	12.18	12.11	12.08		
1.4	256QAM	3	3	12.17	12.08	12.12		
1.4	256QAM	6	0	12.17	12.24	12.09	13.6	0

Band 4 Ant 1 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	14.63	14.71	14.70		
20	QPSK	1	49	14.61	14.60	14.55	15.7	0
20	QPSK	1	99	14.50	14.67	14.50		
20	QPSK	50	0	14.62	14.69	14.67		
20	QPSK	50	24	14.54	14.57	14.46	15.7	0
20	QPSK	50	50	14.44	14.57	14.54		
20	QPSK	100	0	14.60	14.69	14.57		
20	16QAM	1	0	14.57	14.56	14.55		
20	16QAM	1	49	14.36	14.36	14.38	15.7	0
20	16QAM	1	99	14.40	14.48	14.41		
20	16QAM	50	0	14.48	14.47	14.49		
20	16QAM	50	24	14.50	14.43	14.35	15.7	0
20	16QAM	50	50	14.39	14.57	14.37		
20	16QAM	100	0	14.53	14.45	14.48		
20	64QAM	1	0	14.56	14.61	14.56		
20	64QAM	1	49	14.40	14.41	14.43	15.7	0
20	64QAM	1	99	14.37	14.51	14.40		
20	64QAM	50	0	14.56	14.64	14.47		
20	64QAM	50	24	14.43	14.46	14.45	15.7	0
20	64QAM	50	50	14.35	14.46	14.42		
20	64QAM	100	0	14.52	14.44	14.35		
20	256QAM	1	0	14.65	14.57	14.53		
20	256QAM	1	49	14.48	14.52	14.41	15.7	0
20	256QAM	1	99	14.41	14.46	14.44		
20	256QAM	50	0	14.53	14.59	14.42		
20	256QAM	50	24	14.39	14.38	14.35	15.7	0
20	256QAM	50	50	14.40	14.46	14.36		
20	256QAM	100	0	14.45	14.49	14.45		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.62	14.69	14.69		
15	QPSK	1	37	14.60	14.56	14.57	15.7	0
15	QPSK	1	74	14.41	14.59	14.40		
15	QPSK	36	0	14.57	14.60	14.57		
15	QPSK	36	20	14.50	14.48	14.43	15.7	0
15	QPSK	36	39	14.38	14.54	14.55		
15	QPSK	75	0	14.51	14.66	14.50		
15	16QAM	1	0	14.53	14.53	14.55		
15	16QAM	1	37	14.30	14.26	14.32	15.7	0
15	16QAM	1	74	14.36	14.34	14.32		
15	16QAM	36	0	14.42	14.41	14.47		
15	16QAM	36	20	14.43	14.41	14.30	15.7	0
15	16QAM	36	39	14.34	14.47	14.32		
15	16QAM	75	0	14.50	14.44	14.38		
15	64QAM	1	0	14.47	14.60	14.55		
15	64QAM	1	37	14.37	14.32	14.35	15.7	0
15	64QAM	1	74	14.37	14.44	14.39		
15	64QAM	36	0	14.49	14.55	14.36		
15	64QAM	36	20	14.43	14.38	14.45	15.7	0
15	64QAM	36	39	14.34	14.36	14.33		
15	64QAM	75	0	14.47	14.41	14.29		
15	256QAM	1	0	14.56	14.55	14.44		
15	256QAM	1	37	14.42	14.43	14.42	15.7	0
15	256QAM	1	74	14.31	14.43	14.40		
15	256QAM	36	0	14.52	14.57	14.37		
15	256QAM	36	20	14.34	14.28	14.31	15.7	0
15	256QAM	36	39	14.39	14.36	14.29		
15	256QAM	75	0	14.46	14.45	14.45		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.59	14.62	14.68		
10	QPSK	1	25	14.59	14.49	14.50	15.7	0
10	QPSK	1	49	14.41	14.59	14.46		
10	QPSK	25	0	14.51	14.61	14.58		
10	QPSK	25	12	14.44	14.56	14.44	15.7	0
10	QPSK	25	25	14.43	14.46	14.40		
10	QPSK	50	0	14.51	14.69	14.53		
10	16QAM	1	0	14.55	14.57	14.49		
10	16QAM	1	25	14.33	14.34	14.33	15.7	0
10	16QAM	1	49	14.35	14.38	14.36		
10	16QAM	25	0	14.46	14.41	14.43		
10	16QAM	25	12	14.44	14.35	14.31	15.7	0
10	16QAM	25	25	14.39	14.57	14.31		
10	16QAM	50	0	14.52	14.46	14.44		
10	64QAM	1	0	14.50	14.59	14.46		
10	64QAM	1	25	14.37	14.31	14.36	15.7	0
10	64QAM	1	49	14.36	14.50	14.32		
10	64QAM	25	0	14.52	14.60	14.42		
10	64QAM	25	12	14.39	14.46	14.35	15.7	0
10	64QAM	25	25	14.25	14.39	14.33		
10	64QAM	50	0	14.45	14.38	14.31		
10	256QAM	1	0	14.56	14.47	14.46		
10	256QAM	1	25	14.39	14.46	14.32	15.7	0
10	256QAM	1	49	14.34	14.36	14.33		
10	256QAM	25	0	14.46	14.56	14.40		
10	256QAM	25	12	14.33	14.34	14.27	15.7	0
10	256QAM	25	25	14.31	14.40	14.26		
10	256QAM	50	0	14.40	14.47	14.45		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.56	14.65	14.63		
5	QPSK	1	12	14.56	14.56	14.47	15.7	0
5	QPSK	1	24	14.42	14.64	14.41		
5	QPSK	12	0	14.56	14.68	14.60		
5	QPSK	12	7	14.46	14.51	14.39	15.7	0
5	QPSK	12	13	14.40	14.53	14.53		
5	QPSK	25	0	14.60	14.66	14.57		
5	16QAM	1	0	14.47	14.50	14.52		
5	16QAM	1	12	14.38	14.27	14.37	15.7	0
5	16QAM	1	24	14.31	14.39	14.37		
5	16QAM	12	0	14.47	14.39	14.46		
5	16QAM	12	7	14.45	14.32	14.29	15.7	0
5	16QAM	12	13	14.39	14.27	14.28		
5	16QAM	25	0	14.47	14.37	14.39		
5	64QAM	1	0	14.53	14.51	14.48		
5	64QAM	1	12	14.38	14.31	14.41	15.7	0
5	64QAM	1	24	14.29	14.48	14.30		
5	64QAM	12	0	14.50	14.59	14.43		
5	64QAM	12	7	14.35	14.45	14.37	15.7	0
5	64QAM	12	13	14.31	14.44	14.42		
5	64QAM	25	0	14.46	14.34	14.27		
5	256QAM	1	0	14.65	14.46	14.49		
5	256QAM	1	12	14.42	14.51	14.38	15.7	0
5	256QAM	1	24	14.30	14.41	14.41		
5	256QAM	12	0	14.53	14.57	14.36		
5	256QAM	12	7	14.33	14.37	14.32	15.7	0
5	256QAM	12	13	14.41	14.39	14.35		
5	256QAM	25	0	14.37	14.43	14.36		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.55	14.67	14.70		
3	QPSK	1	8	14.52	14.60	14.52	15.7	0
3	QPSK	1	14	14.42	14.64	14.44		
3	QPSK	8	0	14.52	14.70	14.67		
3	QPSK	8	4	14.53	14.54	14.37	15.7	0
3	QPSK	8	7	14.42	14.50	14.46		
3	QPSK	15	0	14.54	14.64	14.57		
3	16QAM	1	0	14.52	14.55	14.51		
3	16QAM	1	8	14.36	14.34	14.31	15.7	0
3	16QAM	1	14	14.32	14.40	14.42		
3	16QAM	8	0	14.45	14.46	14.38		
3	16QAM	8	4	14.49	14.38	14.25	15.7	0
3	16QAM	8	7	14.30	14.49	14.29		
3	16QAM	15	0	14.51	14.42	14.44		
3	64QAM	1	0	14.46	14.50	14.56		
3	64QAM	1	8	14.34	14.34	14.36	15.7	0
3	64QAM	1	14	14.37	14.41	14.32		
3	64QAM	8	0	14.51	14.55	14.46		
3	64QAM	8	4	14.38	14.45	14.41	15.7	0
3	64QAM	8	7	14.31	14.37	14.36		
3	64QAM	15	0	14.53	14.38	14.32		
3	256QAM	1	0	14.64	14.50	14.48		
3	256QAM	1	8	14.43	14.42	14.37	15.7	0
3	256QAM	1	14	14.40	14.35	14.37		
3	256QAM	8	0	14.47	14.59	14.33		
3	256QAM	8	4	14.34	14.32	14.27	15.7	0
3	256QAM	8	7	14.32	14.44	14.34		
3	256QAM	15	0	14.38	14.47	14.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.56	14.63	14.67		
1.4	QPSK	1	3	14.55	14.55	14.48		
1.4	QPSK	1	5	14.51	14.57	14.43	15.7	0
1.4	QPSK	3	0	14.58	14.62	14.60		
1.4	QPSK	3	1	14.54	14.55	14.37		
1.4	QPSK	3	3	14.37	14.52	14.46		
1.4	QPSK	6	0	14.56	14.67	14.52	15.7	0
1.4	16QAM	1	0	14.55	14.52	14.45		
1.4	16QAM	1	3	14.28	14.28	14.30		
1.4	16QAM	1	5	14.40	14.48	14.39	15.7	0
1.4	16QAM	3	0	14.45	14.46	14.42		
1.4	16QAM	3	1	14.43	14.41	14.28		
1.4	16QAM	3	3	14.38	14.52	14.36		
1.4	16QAM	6	0	14.43	14.37	14.46	15.7	0
1.4	64QAM	1	0	14.55	14.51	14.52		
1.4	64QAM	1	3	14.38	14.32	14.40		
1.4	64QAM	1	5	14.34	14.42	14.35	15.7	0
1.4	64QAM	3	0	14.46	14.58	14.39		
1.4	64QAM	3	1	14.43	14.35	14.36		
1.4	64QAM	3	3	14.34	14.40	14.32		
1.4	64QAM	6	0	14.46	14.41	14.35	15.7	0
1.4	256QAM	1	0	14.56	14.46	14.45		
1.4	256QAM	1	3	14.41	14.50	14.30		
1.4	256QAM	1	5	14.37	14.35	14.44	15.7	0
1.4	256QAM	3	0	14.48	14.55	14.39		
1.4	256QAM	3	1	14.35	14.38	14.30		
1.4	256QAM	3	3	14.29	14.42	14.29		
1.4	256QAM	6	0	14.36	14.40	14.42	15.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.65	22.70	22.61		
10	QPSK	1	25	22.60	22.58	22.49	24	0
10	QPSK	1	49	22.62	22.66	22.54		
10	QPSK	25	0	21.64	21.69	21.67		
10	QPSK	25	12	21.64	21.58	21.43	23	1
10	QPSK	25	25	21.63	21.64	21.56		
10	QPSK	50	0	21.63	21.67	21.66		
10	16QAM	1	0	21.51	21.59	21.61		
10	16QAM	1	25	21.56	21.46	21.34	23	1
10	16QAM	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.48	22.50	22.46	24	0
10	QPSK	1	25	22.40	22.44	22.35		
10	QPSK	1	49	22.38	22.39	22.41		
10	QPSK	25	0	21.46	21.52	21.48	23	1
10	QPSK	25	12	21.36	21.46	21.40		
10	QPSK	25	25	21.40	21.40	21.44		
10	QPSK	50	0	21.45	21.49	21.47		
10	16QAM	1	0	21.36	21.47	21.41	23	1
10	16QAM	1	25	21.31	21.35	21.37		
10	16QAM	1	49	21.30	21.33	21.40		
10	16QAM	25	0	20.40	20.53	20.43	22	2
10	16QAM	25	12	20.40	20.42	20.41		
10	16QAM	25	25	20.46	20.43	20.45		
10	16QAM	50	0	20.48	20.46	20.49		
10	64QAM	1	0	20.40	20.46	20.38	22	2
10	64QAM	1	25	20.26	20.39	20.37		
10	64QAM	1	49	20.28	20.27	20.42		
10	64QAM	25	0	19.45	19.52	19.51	21	3
10	64QAM	25	12	19.40	19.51	19.34		
10	64QAM	25	25	19.36	19.39	19.41		
10	64QAM	50	0	19.46	19.51	19.43		
10	256QAM	1	0	17.51	17.54	17.53	19	5
10	256QAM	1	25	17.30	17.41	17.40		
10	256QAM	1	49	17.36	17.39	17.45		
10	256QAM	25	0	17.48	17.47	17.53	19	5
10	256QAM	25	12	17.38	17.42	17.39		
10	256QAM	25	25	17.25	17.37	17.41		
10	256QAM	50	0	17.24	17.33	17.36		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.34	22.43	22.41	24	0
5	QPSK	1	12	22.34	22.34	22.22		
5	QPSK	1	24	22.25	22.27	22.36		
5	QPSK	12	0	21.38	21.45	21.34	23	1
5	QPSK	12	7	21.25	21.40	21.28		
5	QPSK	12	13	21.26	21.35	21.31		
5	QPSK	25	0	21.32	21.42	21.38		
5	16QAM	1	0	21.22	21.41	21.29	23	1
5	16QAM	1	12	21.19	21.30	21.32		
5	16QAM	1	24	21.25	21.29	21.30		
5	16QAM	12	0	20.37	20.48	20.35	22	2
5	16QAM	12	7	20.27	20.29	20.30		
5	16QAM	12	13	20.33	20.37	20.38		
5	16QAM	25	0	20.45	20.34	20.36		
5	64QAM	1	0	20.25	20.40	20.33	22	2
5	64QAM	1	12	20.22	20.24	20.34		
5	64QAM	1	24	20.18	20.13	20.30		
5	64QAM	12	0	19.39	19.45	19.44	21	3
5	64QAM	12	7	19.37	19.46	19.19		
5	64QAM	12	13	19.29	19.26	19.36		
5	64QAM	25	0	19.35	19.45	19.31		
5	256QAM	1	0	17.44	17.50	17.49	19	5
5	256QAM	1	12	17.17	17.32	17.26		
5	256QAM	1	24	17.32	17.28	17.39		
5	256QAM	12	0	17.36	17.42	17.41	19	5
5	256QAM	12	7	17.26	17.30	17.35		
5	256QAM	12	13	17.11	17.26	17.35		
5	256QAM	25	0	17.14	17.19	17.21		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.39	22.36	22.32	24	0
3	QPSK	1	8	22.31	22.37	22.23		
3	QPSK	1	14	22.25	22.24	22.37		
3	QPSK	8	0	21.42	21.39	21.35	23	1
3	QPSK	8	4	21.22	21.39	21.27		
3	QPSK	8	7	21.29	21.33	21.41		
3	QPSK	15	0	21.41	21.35	21.38		
3	16QAM	1	0	21.28	21.35	21.30	23	1
3	16QAM	1	8	21.23	21.24	21.23		
3	16QAM	1	14	21.16	21.21	21.31		
3	16QAM	8	0	20.32	20.43	20.38	22	2
3	16QAM	8	4	20.30	20.27	20.33		
3	16QAM	8	7	20.41	20.34	20.36		
3	16QAM	15	0	20.36	20.32	20.35		
3	64QAM	1	0	20.34	20.41	20.30	22	2
3	64QAM	1	8	20.18	20.32	20.27		
3	64QAM	1	14	20.17	20.24	20.29		
3	64QAM	8	0	19.35	19.45	19.42	21	3
3	64QAM	8	4	19.35	19.45	19.20		
3	64QAM	8	7	19.32	19.35	19.37		
3	64QAM	15	0	19.41	19.47	19.35		
3	256QAM	1	0	17.39	17.41	17.44	19	5
3	256QAM	1	8	17.21	17.31	17.33		
3	256QAM	1	14	17.23	17.25	17.31		
3	256QAM	8	0	17.43	17.35	17.38	19	5
3	256QAM	8	4	17.34	17.36	17.28		
3	256QAM	8	7	17.18	17.27	17.29		
3	256QAM	15	0	17.19	17.20	17.24		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.39	22.37	22.35	24	0
1.4	QPSK	1	3	22.31	22.41	22.25		
1.4	QPSK	1	5	22.34	22.24	22.38		
1.4	QPSK	3	0	22.34	22.24	22.24		
1.4	QPSK	3	1	22.17	22.27	22.11		
1.4	QPSK	3	3	22.28	22.10	22.33		
1.4	QPSK	6	0	21.35	21.44	21.35	23	1
1.4	16QAM	1	0	21.28	21.39	21.30	23	1
1.4	16QAM	1	3	21.18	21.23	21.30		
1.4	16QAM	1	5	21.21	21.26	21.35		
1.4	16QAM	3	0	21.31	21.34	21.24		
1.4	16QAM	3	1	21.19	21.26	21.20		
1.4	16QAM	3	3	21.10	21.17	21.18		
1.4	16QAM	6	0	20.34	20.37	20.39	22	2
1.4	64QAM	1	0	20.30	20.35	20.28	22	2
1.4	64QAM	1	3	20.15	20.33	20.32		
1.4	64QAM	1	5	20.15	20.20	20.36		
1.4	64QAM	3	0	20.21	20.25	20.33		
1.4	64QAM	3	1	20.20	20.27	20.21		
1.4	64QAM	3	3	20.11	20.18	20.25		
1.4	64QAM	6	0	19.34	19.39	19.30	21	3
1.4	256QAM	1	0	17.39	17.50	17.39	19	5
1.4	256QAM	1	3	17.17	17.31	17.36		
1.4	256QAM	1	5	17.30	17.28	17.36		
1.4	256QAM	3	0	17.33	17.41	17.44		
1.4	256QAM	3	1	17.32	17.28	17.26		
1.4	256QAM	3	3	17.13	17.31	17.31		
1.4	256QAM	6	0	17.16	17.28	17.29	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.43		24	0
10	QPSK	1	25		22.40			
10	QPSK	1	49		22.38			
10	QPSK	25	0		21.48		23	1
10	QPSK	25	12		21.46			
10	QPSK	25	25		21.34			
10	QPSK	50	0		21.46			
10	16QAM	1	0		21.39		23	1
10	16QAM	1	25		21.44			
10	16QAM	1	49		21.24			
10	16QAM	25	0		20.51		22	2
10	16QAM	25	12		20.43			
10	16QAM	25	25		20.39			
10	16QAM	50	0		20.43			
10	64QAM	1	0		20.43		22	2
10	64QAM	1	25		20.40			
10	64QAM	1	49		20.21			
10	64QAM	25	0		19.47		21	3
10	64QAM	25	12		19.48			
10	64QAM	25	25		19.38			
10	64QAM	50	0		19.49			
10	256QAM	1	0		17.45		19	5
10	256QAM	1	25		17.44			
10	256QAM	1	49		17.39			
10	256QAM	25	0		17.45		19	5
10	256QAM	25	12		17.39			
10	256QAM	25	25		17.39			
10	256QAM	50	0		17.26			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.32	22.34	22.33	24	0
5	QPSK	1	12	22.32	22.36	22.32		
5	QPSK	1	24	22.30	22.24	22.35		
5	QPSK	12	0	21.39	21.44	21.35	23	1
5	QPSK	12	7	21.37	21.40	21.36		
5	QPSK	12	13	21.25	21.21	21.21		
5	QPSK	25	0	21.42	21.42	21.39		
5	16QAM	1	0	21.34	21.24	21.31	23	1
5	16QAM	1	12	21.34	21.39	21.37		
5	16QAM	1	24	21.18	21.12	21.20		
5	16QAM	12	0	20.39	20.45	20.39	22	2
5	16QAM	12	7	20.39	20.40	20.39		
5	16QAM	12	13	20.30	20.30	20.26		
5	16QAM	25	0	20.34	20.28	20.32		
5	64QAM	1	0	20.36	20.38	20.33	22	2
5	64QAM	1	12	20.28	20.37	20.28		
5	64QAM	1	24	20.14	20.08	20.16		
5	64QAM	12	0	19.40	19.44	19.36	21	3
5	64QAM	12	7	19.38	19.38	19.42		
5	64QAM	12	13	19.32	19.24	19.29		
5	64QAM	25	0	19.45	19.42	19.44		
5	256QAM	1	0	17.35	17.40	17.41	19	5
5	256QAM	1	12	17.37	17.41	17.33		
5	256QAM	1	24	17.36	17.31	17.28		
5	256QAM	12	0	17.33	17.34	17.39	19	5
5	256QAM	12	7	17.26	17.28	17.31		
5	256QAM	12	13	17.36	17.36	17.25		
5	256QAM	25	0	17.12	17.11	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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.34	22.38	22.33	24	0
10	QPSK	1	25	22.32	22.35	22.25		
10	QPSK	1	49	22.30	22.26	22.28		
10	QPSK	25	0	21.35	21.45	21.37	23	1
10	QPSK	25	12	21.30	21.39	21.31		
10	QPSK	25	25	21.33	21.33	21.30		
10	QPSK	50	0	21.31	21.37	21.35		
10	16QAM	1	0	21.29	21.41	21.29	23	1
10	16QAM	1	25	21.24	21.25	21.27		
10	16QAM	1	49	21.23	21.30	21.31		
10	16QAM	25	0	20.37	20.47	20.35	22	2
10	16QAM	25	12	20.27	20.37	20.38		
10	16QAM	25	25	20.38	20.39	20.34		
10	16QAM	50	0	20.35	20.34	20.45		
10	64QAM	1	0	20.28	20.43	20.26	22	2
10	64QAM	1	25	20.17	20.32	20.25		
10	64QAM	1	49	20.15	20.21	20.35		
10	64QAM	25	0	19.41	19.45	19.44	21	3
10	64QAM	25	12	19.35	19.45	19.30		
10	64QAM	25	25	19.30	19.34	19.32		
10	64QAM	50	0	19.40	19.48	19.32		
10	256QAM	1	0	17.47	17.50	17.49	19	5
10	256QAM	1	25	17.24	17.37	17.27		
10	256QAM	1	49	17.32	17.34	17.31		
10	256QAM	25	0	17.43	17.38	17.47	19	5
10	256QAM	25	12	17.26	17.35	17.28		
10	256QAM	25	25	17.11	17.25	17.27		
10	256QAM	50	0	17.17	17.25	17.29		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.31	22.35	22.28	24	0
5	QPSK	1	12	22.23	22.25	22.11		
5	QPSK	1	24	22.18	22.18	22.20		
5	QPSK	12	0	21.28	21.39	21.34	23	1
5	QPSK	12	7	21.21	21.25	21.24		
5	QPSK	12	13	21.27	21.20	21.16		
5	QPSK	25	0	21.17	21.27	21.30		
5	16QAM	1	0	21.16	21.27	21.22	23	1
5	16QAM	1	12	21.15	21.20	21.22		
5	16QAM	1	24	21.13	21.20	21.25		
5	16QAM	12	0	20.28	20.42	20.20	22	2
5	16QAM	12	7	20.19	20.26	20.32		
5	16QAM	12	13	20.33	20.33	20.23		
5	16QAM	25	0	20.23	20.21	20.35		
5	64QAM	1	0	20.16	20.29	20.16	22	2
5	64QAM	1	12	20.13	20.29	20.17		
5	64QAM	1	24	20.06	20.11	20.28		
5	64QAM	12	0	19.38	19.36	19.34	21	3
5	64QAM	12	7	19.23	19.30	19.22		
5	64QAM	12	13	19.21	19.20	19.27		
5	64QAM	25	0	19.30	19.36	19.19		
5	256QAM	1	0	17.39	17.41	17.35	19	5
5	256QAM	1	12	17.14	17.31	17.22		
5	256QAM	1	24	17.21	17.21	17.18		
5	256QAM	12	0	17.36	17.30	17.33	19	5
5	256QAM	12	7	17.20	17.24	17.17		
5	256QAM	12	13	17.02	17.15	17.20		
5	256QAM	25	0	17.11	17.12	17.18		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.71	22.77	22.61	24	0
15	QPSK	1	37	22.70	22.67	22.49		
15	QPSK	1	74	22.70	22.75	22.56		
15	QPSK	36	0	21.69	21.80	21.67	23	1
15	QPSK	36	20	21.72	21.67	21.46		
15	QPSK	36	39	21.64	21.70	21.65		
15	QPSK	75	0	21.63	21.76	21.74		
15	16QAM	1	0	21.56	21.59	21.62	23	1
15	16QAM	1	37	21.57	21.50	21.38		
15	16QAM	1	74	21.64	21.53	21.59		
15	16QAM	36	0	20.68	20.79	20.82	22	2
15	16QAM	36	20	20.68	20.70	20.54		
15	16QAM	36	39	20.61	20.67	20.65		
15	16QAM	75	0	20.76	20.76	20.62		
15	64QAM	1	0	20.56	20.71	20.67	22	2
15	64QAM	1	37	20.57	20.46	20.29		
15	64QAM	1	74	20.53	20.55	20.57		
15	64QAM	36	0	19.70	19.77	19.67	21	3
15	64QAM	36	20	19.78	19.71	19.46		
15	64QAM	36	39	19.75	19.72	19.53		
15	64QAM	75	0	19.68	19.76	19.78		
15	256QAM	1	0	17.78	17.82	17.72	19	5
15	256QAM	1	37	17.74	17.59	17.51		
15	256QAM	1	74	17.71	17.58	17.68		
15	256QAM	36	0	17.78	17.78	17.73	19	5
15	256QAM	36	20	17.49	17.59	17.58		
15	256QAM	36	39	17.66	17.45	17.30		
15	256QAM	75	0	17.55	17.51	17.52		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.56	22.67	22.55	24	0
10	QPSK	1	25	22.58	22.64	22.39		
10	QPSK	1	49	22.62	22.66	22.47		
10	QPSK	25	0	21.58	21.65	21.58	23	1
10	QPSK	25	12	21.62	21.59	21.37		
10	QPSK	25	25	21.49	21.57	21.57		
10	QPSK	50	0	21.49	21.64	21.69		
10	16QAM	1	0	21.50	21.48	21.49	23	1
10	16QAM	1	25	21.47	21.42	21.29		
10	16QAM	1	49	21.61	21.47	21.51		
10	16QAM	25	0	20.59	20.69	20.73	22	2
10	16QAM	25	12	20.56	20.55	20.43		
10	16QAM	25	25	20.51	20.55	20.61		
10	16QAM	50	0	20.62	20.66	20.57		
10	64QAM	1	0	20.43	20.66	20.56	22	2
10	64QAM	1	25	20.47	20.35	20.22		
10	64QAM	1	49	20.45	20.47	20.51		
10	64QAM	25	0	19.57	19.71	19.52	21	3
10	64QAM	25	12	19.66	19.64	19.31		
10	64QAM	25	25	19.70	19.69	19.48		
10	64QAM	50	0	19.61	19.68	19.64		
10	256QAM	1	0	17.74	17.67	17.65	19	5
10	256QAM	1	25	17.61	17.51	17.42		
10	256QAM	1	49	17.58	17.49	17.57		
10	256QAM	25	0	17.66	17.63	17.60	19	5
10	256QAM	25	12	17.39	17.46	17.45		
10	256QAM	25	25	17.52	17.36	17.18		
10	256QAM	50	0	17.51	17.42	17.39		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.66	22.66	22.48	24	0
5	QPSK	1	12	22.62	22.57	22.37		
5	QPSK	1	24	22.59	22.65	22.41		
5	QPSK	12	0	21.64	21.69	21.54	23	1
5	QPSK	12	7	21.69	21.61	21.40		
5	QPSK	12	13	21.51	21.58	21.50		
5	QPSK	25	0	21.60	21.67	21.71		
5	16QAM	1	0	21.51	21.45	21.55	23	1
5	16QAM	1	12	21.51	21.37	21.28		
5	16QAM	1	24	21.52	21.42	21.55		
5	16QAM	12	0	20.57	20.65	20.78	22	2
5	16QAM	12	7	20.58	20.62	20.42		
5	16QAM	12	13	20.53	20.60	20.61		
5	16QAM	25	0	20.62	20.72	20.54		
5	64QAM	1	0	20.46	20.64	20.62	22	2
5	64QAM	1	12	20.49	20.32	20.26		
5	64QAM	1	24	20.45	20.46	20.51		
5	64QAM	12	0	19.63	19.67	19.54	21	3
5	64QAM	12	7	19.71	19.64	19.34		
5	64QAM	12	13	19.64	19.59	19.41		
5	64QAM	25	0	19.58	19.71	19.70		
5	256QAM	1	0	17.66	17.69	17.69	19	5
5	256QAM	1	12	17.66	17.47	17.38		
5	256QAM	1	24	17.57	17.51	17.55		
5	256QAM	12	0	17.70	17.65	17.63	19	5
5	256QAM	12	7	17.46	17.47	17.50		
5	256QAM	12	13	17.59	17.39	17.25		
5	256QAM	25	0	17.43	17.47	17.39		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.59	22.70	22.49	24	0
3	QPSK	1	8	22.65	22.62	22.35		
3	QPSK	1	14	22.58	22.71	22.42		
3	QPSK	8	0	21.54	21.68	21.63	23	1
3	QPSK	8	4	21.66	21.64	21.38		
3	QPSK	8	7	21.56	21.57	21.56		
3	QPSK	15	0	21.50	21.65	21.64		
3	16QAM	1	0	21.44	21.52	21.56	23	1
3	16QAM	1	8	21.52	21.42	21.33		
3	16QAM	1	14	21.51	21.40	21.44		
3	16QAM	8	0	20.58	20.72	20.71	22	2
3	16QAM	8	4	20.55	20.57	20.51		
3	16QAM	8	7	20.55	20.53	20.55		
3	16QAM	15	0	20.62	20.64	20.57		
3	64QAM	1	0	20.44	20.67	20.57	22	2
3	64QAM	1	8	20.53	20.40	20.21		
3	64QAM	1	14	20.46	20.50	20.52		
3	64QAM	8	0	19.63	19.70	19.59	21	3
3	64QAM	8	4	19.68	19.64	19.36		
3	64QAM	8	7	19.62	19.57	19.49		
3	64QAM	15	0	19.64	19.62	19.67		
3	256QAM	1	0	17.74	17.72	17.61	19	5
3	256QAM	1	8	17.63	17.55	17.45		
3	256QAM	1	14	17.63	17.48	17.65		
3	256QAM	8	0	17.69	17.67	17.63	19	5
3	256QAM	8	4	17.42	17.47	17.50		
3	256QAM	8	7	17.60	17.37	17.24		
3	256QAM	15	0	17.41	17.42	17.44		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.62	22.64	22.47	24	0
1.4	QPSK	1	3	22.62	22.57	22.44		
1.4	QPSK	1	5	22.59	22.61	22.50		
1.4	QPSK	3	0	22.53	22.51	22.39		
1.4	QPSK	3	1	22.55	22.48	22.38		
1.4	QPSK	3	3	22.55	22.53	22.42		
1.4	QPSK	6	0	21.48	21.67	21.59	23	1
1.4	16QAM	1	0	21.52	21.55	21.50	23	1
1.4	16QAM	1	3	21.42	21.36	21.27		
1.4	16QAM	1	5	21.52	21.47	21.45		
1.4	16QAM	3	0	21.41	21.63	21.53		
1.4	16QAM	3	1	21.41	21.48	21.46		
1.4	16QAM	3	3	21.28	21.29	21.20		
1.4	16QAM	6	0	20.61	20.71	20.51	22	2
1.4	64QAM	1	0	20.42	20.64	20.55	22	2
1.4	64QAM	1	3	20.49	20.35	20.24		
1.4	64QAM	1	5	20.39	20.52	20.51		
1.4	64QAM	3	0	20.50	20.61	20.41		
1.4	64QAM	3	1	20.32	20.59	20.42		
1.4	64QAM	3	3	20.41	20.28	20.21		
1.4	64QAM	6	0	19.54	19.62	19.74	21	3
1.4	256QAM	1	0	17.74	17.74	17.63	19	5
1.4	256QAM	1	3	17.69	17.51	17.44		
1.4	256QAM	1	5	17.61	17.51	17.53		
1.4	256QAM	3	0	17.64	17.65	17.70		
1.4	256QAM	3	1	17.44	17.55	17.45		
1.4	256QAM	3	3	17.63	17.34	17.47		
1.4	256QAM	6	0	17.51	17.43	17.42	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	14.72	14.75	14.70	15.7	0
20	QPSK	1	49	14.61	14.61	14.57		
20	QPSK	1	99	14.56	14.66	14.56		
20	QPSK	50	0	14.72	14.73	14.67	15.7	0
20	QPSK	50	24	14.60	14.61	14.54		
20	QPSK	50	50	14.54	14.65	14.60		
20	QPSK	100	0	14.64	14.69	14.61		
20	16QAM	1	0	14.60	14.63	14.55	15.7	0
20	16QAM	1	49	14.44	14.47	14.43		
20	16QAM	1	99	14.49	14.50	14.41		
20	16QAM	50	0	14.58	14.57	14.52	15.7	0
20	16QAM	50	24	14.51	14.44	14.41		
20	16QAM	50	50	14.47	14.58	14.43		
20	16QAM	100	0	14.54	14.55	14.53		
20	64QAM	1	0	14.57	14.61	14.61	15.7	0
20	64QAM	1	49	14.49	14.45	14.45		
20	64QAM	1	99	14.41	14.53	14.41		
20	64QAM	50	0	14.62	14.65	14.52	15.7	0
20	64QAM	50	24	14.50	14.52	14.47		
20	64QAM	50	50	14.45	14.52	14.43		
20	64QAM	100	0	14.53	14.51	14.44		
20	256QAM	1	0	14.64	14.65	14.54	15.7	0
20	256QAM	1	49	14.50	14.53	14.47		
20	256QAM	1	99	14.42	14.50	14.48		
20	256QAM	50	0	14.55	14.66	14.51	15.7	0
20	256QAM	50	24	14.46	14.46	14.37		
20	256QAM	50	50	14.41	14.53	14.42		
20	256QAM	100	0	14.51	14.53	14.47		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.68	14.67	14.66	15.7	0
15	QPSK	1	37	14.60	14.57	14.50		
15	QPSK	1	74	14.48	14.67	14.55		
15	QPSK	36	0	14.66	14.71	14.61	15.7	0
15	QPSK	36	20	14.58	14.53	14.52		
15	QPSK	36	39	14.48	14.60	14.50		
15	QPSK	75	0	14.59	14.67	14.61		
15	16QAM	1	0	14.50	14.54	14.55	15.7	0
15	16QAM	1	37	14.40	14.39	14.36		
15	16QAM	1	74	14.48	14.42	14.33		
15	16QAM	36	0	14.53	14.53	14.52	15.7	0
15	16QAM	36	20	14.46	14.43	14.31		
15	16QAM	36	39	14.39	14.50	14.43		
15	16QAM	75	0	14.46	14.45	14.44		
15	64QAM	1	0	14.54	14.62	14.52	15.7	0
15	64QAM	1	37	14.39	14.34	14.37		
15	64QAM	1	74	14.37	14.53	14.34		
15	64QAM	36	0	14.63	14.59	14.45	15.7	0
15	64QAM	36	20	14.44	14.46	14.48		
15	64QAM	36	39	14.44	14.47	14.36		
15	64QAM	75	0	14.46	14.43	14.42		
15	256QAM	1	0	14.59	14.62	14.51	15.7	0
15	256QAM	1	37	14.50	14.43	14.48		
15	256QAM	1	74	14.40	14.43	14.44		
15	256QAM	36	0	14.49	14.66	14.43	15.7	0
15	256QAM	36	20	14.41	14.43	14.26		
15	256QAM	36	39	14.36	14.52	14.42		
15	256QAM	75	0	14.50	14.49	14.47		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.68	14.71	14.67	15.7	0
10	QPSK	1	25	14.50	14.56	14.54		
10	QPSK	1	49	14.47	14.59	14.49		
10	QPSK	25	0	14.73	14.72	14.58	15.7	0
10	QPSK	25	12	14.58	14.54	14.51		
10	QPSK	25	25	14.49	14.64	14.53		
10	QPSK	50	0	14.65	14.59	14.52		
10	16QAM	1	0	14.58	14.59	14.53	15.7	0
10	16QAM	1	25	14.39	14.40	14.39		
10	16QAM	1	49	14.49	14.49	14.42		
10	16QAM	25	0	14.54	14.54	14.42	15.7	0
10	16QAM	25	12	14.47	14.34	14.34		
10	16QAM	25	25	14.41	14.49	14.44		
10	16QAM	50	0	14.54	14.51	14.54		
10	64QAM	1	0	14.56	14.60	14.59	15.7	0
10	64QAM	1	25	14.43	14.38	14.44		
10	64QAM	1	49	14.34	14.46	14.33		
10	64QAM	25	0	14.60	14.56	14.41	15.7	0
10	64QAM	25	12	14.50	14.43	14.46		
10	64QAM	25	25	14.41	14.47	14.36		
10	64QAM	50	0	14.46	14.50	14.43		
10	256QAM	1	0	14.62	14.55	14.44	15.7	0
10	256QAM	1	25	14.48	14.46	14.48		
10	256QAM	1	49	14.39	14.50	14.46		
10	256QAM	25	0	14.50	14.60	14.44	15.7	0
10	256QAM	25	12	14.44	14.43	14.29		
10	256QAM	25	25	14.32	14.43	14.40		
10	256QAM	50	0	14.43	14.44	14.38		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.69	14.65	14.63	15.7	0
5	QPSK	1	12	14.54	14.54	14.53		
5	QPSK	1	24	14.51	14.56	14.56		
5	QPSK	12	0	14.63	14.62	14.59	15.7	0
5	QPSK	12	7	14.60	14.54	14.54		
5	QPSK	12	13	14.48	14.60	14.50		
5	QPSK	25	0	14.60	14.61	14.53		
5	16QAM	1	0	14.58	14.53	14.55	15.7	0
5	16QAM	1	12	14.33	14.40	14.44		
5	16QAM	1	24	14.43	14.49	14.34		
5	16QAM	12	0	14.52	14.51	14.48	15.7	0
5	16QAM	12	7	14.48	14.36	14.35		
5	16QAM	12	13	14.41	14.53	14.36		
5	16QAM	25	0	14.51	14.50	14.48		
5	64QAM	1	0	14.57	14.56	14.55	15.7	0
5	64QAM	1	12	14.45	14.40	14.45		
5	64QAM	1	24	14.34	14.48	14.38		
5	64QAM	12	0	14.51	14.60	14.43	15.7	0
5	64QAM	12	7	14.43	14.47	14.36		
5	64QAM	12	13	14.39	14.52	14.41		
5	64QAM	25	0	14.47	14.47	14.39		
5	256QAM	1	0	14.55	14.62	14.51	15.7	0
5	256QAM	1	12	14.48	14.54	14.47		
5	256QAM	1	24	14.37	14.39	14.40		
5	256QAM	12	0	14.48	14.57	14.47	15.7	0
5	256QAM	12	7	14.44	14.44	14.29		
5	256QAM	12	13	14.33	14.48	14.40		
5	256QAM	25	0	14.42	14.52	14.41		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.71	14.71	14.67	15.7	0
3	QPSK	1	8	14.50	14.54	14.55		
3	QPSK	1	14	14.45	14.66	14.51		
3	QPSK	8	0	14.66	14.63	14.67	15.7	0
3	QPSK	8	4	14.59	14.54	14.47		
3	QPSK	8	7	14.50	14.64	14.53		
3	QPSK	15	0	14.59	14.69	14.52		
3	16QAM	1	0	14.49	14.57	14.50	15.7	0
3	16QAM	1	8	14.37	14.38	14.35		
3	16QAM	1	14	14.43	14.40	14.31		
3	16QAM	8	0	14.55	14.56	14.41	15.7	0
3	16QAM	8	4	14.40	14.39	14.35		
3	16QAM	8	7	14.45	14.50	14.43		
3	16QAM	15	0	14.50	14.49	14.46		
3	64QAM	1	0	14.56	14.58	14.58	15.7	0
3	64QAM	1	8	14.45	14.40	14.36		
3	64QAM	1	14	14.30	14.43	14.41		
3	64QAM	8	0	14.61	14.60	14.47	15.7	0
3	64QAM	8	4	14.45	14.51	14.41		
3	64QAM	8	7	14.36	14.46	14.44		
3	64QAM	15	0	14.51	14.43	14.43		
3	256QAM	1	0	14.64	14.64	14.48	15.7	0
3	256QAM	1	8	14.44	14.43	14.44		
3	256QAM	1	14	14.42	14.46	14.40		
3	256QAM	8	0	14.52	14.62	14.42	15.7	0
3	256QAM	8	4	14.44	14.38	14.28		
3	256QAM	8	7	14.39	14.48	14.34		
3	256QAM	15	0	14.45	14.46	14.45		
Channel				131979	132322	132680	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.70	14.73	14.62	15.7	0
1.4	QPSK	1	3	14.56	14.61	14.57		
1.4	QPSK	1	5	14.53	14.61	14.48		
1.4	QPSK	3	0	14.67	14.62	14.60		
1.4	QPSK	3	1	14.53	14.56	14.45		
1.4	QPSK	3	3	14.49	14.56	14.54		
1.4	QPSK	6	0	14.64	14.68	14.52	15.7	0
1.4	16QAM	1	0	14.61	14.54	14.49	15.7	0
1.4	16QAM	1	3	14.37	14.45	14.38		
1.4	16QAM	1	5	14.41	14.43	14.34		
1.4	16QAM	3	0	14.50	14.48	14.44		
1.4	16QAM	3	1	14.46	14.37	14.37		
1.4	16QAM	3	3	14.45	14.47	14.37		
1.4	16QAM	6	0	14.50	14.54	14.48	15.7	0
1.4	64QAM	1	0	14.50	14.58	14.54	15.7	0
1.4	64QAM	1	3	14.45	14.37	14.45		
1.4	64QAM	1	5	14.41	14.51	14.38		
1.4	64QAM	3	0	14.62	14.60	14.46		
1.4	64QAM	3	1	14.42	14.50	14.38		
1.4	64QAM	3	3	14.46	14.41	14.40		
1.4	64QAM	6	0	14.44	14.51	14.41	15.7	0
1.4	256QAM	1	0	14.63	14.59	14.53	15.7	0
1.4	256QAM	1	3	14.50	14.49	14.43		
1.4	256QAM	1	5	14.42	14.49	14.38		
1.4	256QAM	3	0	14.54	14.58	14.41		
1.4	256QAM	3	1	14.43	14.47	14.26		
1.4	256QAM	3	3	14.37	14.51	14.40		
1.4	256QAM	6	0	14.47	14.53	14.44	15.7	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.17	17.22	17.15	18.4	0
20	QPSK	1	49	17.08	17.09	17.07		
20	QPSK	1	99	17.04	17.10	17.06		
20	QPSK	50	0	17.17	17.20	17.18	18.4	0
20	QPSK	50	24	17.03	17.09	17.05		
20	QPSK	50	50	17.10	17.10	16.99		
20	QPSK	100	0	17.06	17.12	17.05		
20	16QAM	1	0	17.09	17.20	17.11	18.4	0
20	16QAM	1	49	16.92	17.01	17.04		
20	16QAM	1	99	16.92	17.03	17.07		
20	16QAM	50	0	16.97	17.14	16.99	18.4	0
20	16QAM	50	24	16.87	17.03	16.95		
20	16QAM	50	50	17.06	17.08	16.88		
20	16QAM	100	0	16.94	17.15	17.08		
20	64QAM	1	0	17.08	17.11	17.06	18.4	0
20	64QAM	1	49	17.01	17.10	16.87		
20	64QAM	1	99	16.93	17.09	17.02		
20	64QAM	50	0	17.06	17.08	16.94	18.4	0
20	64QAM	50	24	16.93	16.95	16.98		
20	64QAM	50	50	16.97	17.03	16.90		
20	64QAM	100	0	17.04	17.06	17.04		
20	256QAM	1	0	16.76	16.91	16.85	18	0.4
20	256QAM	1	49	16.65	16.79	16.61		
20	256QAM	1	99	16.62	16.73	16.71		
20	256QAM	50	0	16.72	16.70	16.73	18	0.4
20	256QAM	50	24	16.66	16.64	16.67		
20	256QAM	50	50	16.71	16.79	16.64		
20	256QAM	100	0	16.68	16.75	16.73		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.07	17.14	17.15	18.4	0
15	QPSK	1	37	16.99	17.09	17.01		
15	QPSK	1	74	16.98	17.01	16.99		
15	QPSK	36	0	17.18	17.12	17.10	18.4	0
15	QPSK	36	20	17.00	17.04	17.02		
15	QPSK	36	39	17.08	17.08	16.91		
15	QPSK	75	0	17.06	17.12	17.00		
15	16QAM	1	0	17.08	17.12	17.02	18.4	0
15	16QAM	1	37	16.88	16.94	17.03		
15	16QAM	1	74	16.90	16.97	16.99		
15	16QAM	36	0	16.96	17.11	16.93	18.4	0
15	16QAM	36	20	16.76	16.94	16.93		
15	16QAM	36	39	16.98	17.03	16.89		
15	16QAM	75	0	16.89	17.06	16.98		
15	64QAM	1	0	17.00	17.05	17.02	18.4	0
15	64QAM	1	37	17.01	17.08	16.81		
15	64QAM	1	74	16.85	17.10	17.00		
15	64QAM	36	0	16.98	17.06	16.90	18.4	0
15	64QAM	36	20	16.86	16.95	16.92		
15	64QAM	36	39	16.90	17.04	16.84		
15	64QAM	75	0	16.97	16.95	16.98		
15	256QAM	1	0	16.69	16.82	16.79	18	0.4
15	256QAM	1	37	16.60	16.78	16.56		
15	256QAM	1	74	16.62	16.72	16.61		
15	256QAM	36	0	16.67	16.59	16.69	18	0.4
15	256QAM	36	20	16.64	16.58	16.65		
15	256QAM	36	39	16.71	16.75	16.58		
15	256QAM	75	0	16.62	16.76	16.66		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.07	17.16	17.15	18.4	0
10	QPSK	1	25	17.09	17.00	17.06		
10	QPSK	1	49	16.98	17.01	17.01		
10	QPSK	25	0	17.07	17.21	17.14	18.4	0
10	QPSK	25	12	16.99	17.09	17.01		
10	QPSK	25	25	17.05	17.00	16.97		
10	QPSK	50	0	17.05	17.04	17.05		
10	16QAM	1	0	17.05	17.16	17.06	18.4	0
10	16QAM	1	25	16.88	16.96	16.96		
10	16QAM	1	49	16.90	17.01	17.00		
10	16QAM	25	0	16.89	17.11	16.96	18.4	0
10	16QAM	25	12	16.78	16.95	16.87		
10	16QAM	25	25	17.05	17.02	16.78		
10	16QAM	50	0	16.93	17.11	17.00		
10	64QAM	1	0	17.03	17.04	16.97	18.4	0
10	64QAM	1	25	16.96	17.01	16.76		
10	64QAM	1	49	16.92	17.05	16.96		
10	64QAM	25	0	17.00	16.97	16.86	18.4	0
10	64QAM	25	12	16.86	16.86	16.94		
10	64QAM	25	25	16.87	16.98	16.79		
10	64QAM	50	0	16.94	17.02	16.99		
10	256QAM	1	0	16.76	16.80	16.79	18	0.4
10	256QAM	1	25	16.63	16.70	16.60		
10	256QAM	1	49	16.51	16.69	16.71		
10	256QAM	25	0	16.69	16.67	16.69	18	0.4
10	256QAM	25	12	16.64	16.57	16.68		
10	256QAM	25	25	16.68	16.79	16.56		
10	256QAM	50	0	16.67	16.71	16.68		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.06	17.15	17.16	18.4	0
5	QPSK	1	12	17.06	17.00	17.03		
5	QPSK	1	24	16.97	17.11	17.03		
5	QPSK	12	0	17.17	17.17	17.09	18.4	0
5	QPSK	12	7	17.01	17.04	17.06		
5	QPSK	12	13	17.06	17.06	16.96		
5	QPSK	25	0	16.97	17.04	16.98		
5	16QAM	1	0	17.03	17.20	17.02	18.4	0
5	16QAM	1	12	16.91	16.93	16.98		
5	16QAM	1	24	16.87	16.96	16.99		
5	16QAM	12	0	16.87	17.09	16.92	18.4	0
5	16QAM	12	7	16.80	16.95	16.95		
5	16QAM	12	13	17.06	17.02	16.85		
5	16QAM	25	0	16.91	17.16	17.02		
5	64QAM	1	0	16.98	17.05	17.06	18.4	0
5	64QAM	1	12	16.94	17.09	16.83		
5	64QAM	1	24	16.85	16.99	17.01		
5	64QAM	12	0	17.05	17.03	16.88	18.4	0
5	64QAM	12	7	16.90	16.94	16.90		
5	64QAM	12	13	16.87	17.04	16.86		
5	64QAM	25	0	17.04	16.98	16.94		
5	256QAM	1	0	16.75	16.81	16.80	18	0.4
5	256QAM	1	12	16.58	16.78	16.61		
5	256QAM	1	24	16.62	16.70	16.61		
5	256QAM	12	0	16.68	16.71	16.62	18	0.4
5	256QAM	12	7	16.57	16.58	16.66		
5	256QAM	12	13	16.60	16.69	16.62		
5	256QAM	25	0	16.68	16.72	16.65		

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.84	18.96	18.90	20	0
20	QPSK	1	49	18.79	18.86	18.87		
20	QPSK	1	99	18.79	18.82	18.84		
20	QPSK	50	0	18.81	18.94	18.86	20	0
20	QPSK	50	24	18.76	18.85	18.89		
20	QPSK	50	50	18.79	18.87	18.77		
20	QPSK	100	0	18.84	18.91	18.84		
20	16QAM	1	0	18.73	18.84	18.82	20	0
20	16QAM	1	49	18.74	18.66	18.65		
20	16QAM	1	99	18.66	18.87	18.69		
20	16QAM	50	0	18.61	18.82	18.68	20	0
20	16QAM	50	24	18.59	18.78	18.76		
20	16QAM	50	50	18.68	18.80	18.70		
20	16QAM	100	0	18.76	18.86	18.87		
20	64QAM	1	0	18.81	18.84	18.85	20	0
20	64QAM	1	49	18.62	18.64	18.81		
20	64QAM	1	99	18.68	18.77	18.64		
20	64QAM	50	0	18.69	18.84	18.68	20	0
20	64QAM	50	24	18.67	18.85	18.69		
20	64QAM	50	50	18.71	18.84	18.79		
20	64QAM	100	0	18.77	18.76	18.81		
20	256QAM	1	0	18.73	18.72	18.75	20	0
20	256QAM	1	49	18.53	18.63	18.74		
20	256QAM	1	99	18.62	18.63	18.53		
20	256QAM	50	0	18.52	18.70	18.64	20	0
20	256QAM	50	24	18.57	18.64	18.74		
20	256QAM	50	50	18.57	18.68	18.64		
20	256QAM	100	0	18.68	18.71	18.69		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.83	18.89	18.87	20	0
15	QPSK	1	37	18.71	18.80	18.78		
15	QPSK	1	74	18.77	18.82	18.83		
15	QPSK	36	0	18.80	18.90	18.86	20	0
15	QPSK	36	20	18.69	18.81	18.78		
15	QPSK	36	39	18.75	18.79	18.68		
15	QPSK	75	0	18.76	18.81	18.74		
15	16QAM	1	0	18.73	18.82	18.73	20	0
15	16QAM	1	37	18.74	18.60	18.62		
15	16QAM	1	74	18.66	18.78	18.69		
15	16QAM	36	0	18.56	18.77	18.69	20	0
15	16QAM	36	20	18.60	18.73	18.72		
15	16QAM	36	39	18.62	18.78	18.68		
15	16QAM	75	0	18.71	18.81	18.78		
15	64QAM	1	0	18.75	18.85	18.81	20	0
15	64QAM	1	37	18.63	18.64	18.80		
15	64QAM	1	74	18.60	18.72	18.55		
15	64QAM	36	0	18.69	18.77	18.65	20	0
15	64QAM	36	20	18.60	18.83	18.63		
15	64QAM	36	39	18.65	18.78	18.73		
15	64QAM	75	0	18.70	18.72	18.71		
15	256QAM	1	0	18.73	18.70	18.73	20	0
15	256QAM	1	37	18.50	18.59	18.68		
15	256QAM	1	74	18.63	18.52	18.44		
15	256QAM	36	0	18.50	18.70	18.62	20	0
15	256QAM	36	20	18.50	18.62	18.63		
15	256QAM	36	39	18.47	18.61	18.63		
15	256QAM	75	0	18.61	18.71	18.61		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.75	18.95	18.88	20	0
10	QPSK	1	25	18.77	18.83	18.86		
10	QPSK	1	49	18.78	18.72	18.85		
10	QPSK	25	0	18.73	18.88	18.78	20	0
10	QPSK	25	12	18.71	18.79	18.81		
10	QPSK	25	25	18.69	18.81	18.77		
10	QPSK	50	0	18.82	18.89	18.83		
10	16QAM	1	0	18.73	18.78	18.73	20	0
10	16QAM	1	25	18.68	18.67	18.57		
10	16QAM	1	49	18.65	18.86	18.66		
10	16QAM	25	0	18.61	18.77	18.67	20	0
10	16QAM	25	12	18.50	18.73	18.73		
10	16QAM	25	25	18.61	18.69	18.69		
10	16QAM	50	0	18.77	18.78	18.87		
10	64QAM	1	0	18.76	18.81	18.86	20	0
10	64QAM	1	25	18.57	18.64	18.77		
10	64QAM	1	49	18.58	18.74	18.64		
10	64QAM	25	0	18.69	18.85	18.68	20	0
10	64QAM	25	12	18.67	18.80	18.59		
10	64QAM	25	25	18.65	18.78	18.75		
10	64QAM	50	0	18.71	18.69	18.74		
10	256QAM	1	0	18.73	18.65	18.69	20	0
10	256QAM	1	25	18.48	18.58	18.72		
10	256QAM	1	49	18.55	18.63	18.49		
10	256QAM	25	0	18.45	18.65	18.61	20	0
10	256QAM	25	12	18.55	18.54	18.70		
10	256QAM	25	25	18.52	18.68	18.61		
10	256QAM	50	0	18.68	18.69	18.64		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.84	18.87	18.88	20	0
5	QPSK	1	12	18.70	18.81	18.78		
5	QPSK	1	24	18.76	18.76	18.77		
5	QPSK	12	0	18.73	18.92	18.79	20	0
5	QPSK	12	7	18.65	18.85	18.83		
5	QPSK	12	13	18.71	18.80	18.68		
5	QPSK	25	0	18.84	18.86	18.83		
5	16QAM	1	0	18.65	18.78	18.81	20	0
5	16QAM	1	12	18.63	18.59	18.61		
5	16QAM	1	24	18.66	18.79	18.63		
5	16QAM	12	0	18.53	18.71	18.66	20	0
5	16QAM	12	7	18.53	18.67	18.73		
5	16QAM	12	13	18.65	18.76	18.61		
5	16QAM	25	0	18.65	18.84	18.82		
5	64QAM	1	0	18.72	18.76	18.84	20	0
5	64QAM	1	12	18.61	18.59	18.73		
5	64QAM	1	24	18.58	18.71	18.55		
5	64QAM	12	0	18.69	18.74	18.83	20	0
5	64QAM	12	7	18.63	18.78	18.67		
5	64QAM	12	13	18.62	18.81	18.70		
5	64QAM	25	0	18.77	18.70	18.81		
5	256QAM	1	0	18.73	18.64	18.73	20	0
5	256QAM	1	12	18.51	18.56	18.66		
5	256QAM	1	24	18.63	18.54	18.45		
5	256QAM	12	0	18.50	18.60	18.62	20	0
5	256QAM	12	7	18.53	18.61	18.70		
5	256QAM	12	13	18.50	18.63	18.55		
5	256QAM	25	0	18.62	18.68	18.67		

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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	2548.5	2593	2636.5	2680		
20	QPSK	1	0	17.21	17.24	17.26	17.23	17.19	18.4	0
20	QPSK	1	49	17.14	17.09	17.18	17.13	17.08		
20	QPSK	1	99	17.07	17.08	17.16	17.15	17.07		
20	QPSK	50	0	17.15	17.22	17.23	17.17	17.12	18.4	0
20	QPSK	50	24	17.08	17.09	17.11	17.11	17.05		
20	QPSK	50	50	17.16	17.20	17.19	17.07	17.15		
20	QPSK	100	0	17.15	17.13	17.21	17.15	17.09		
20	16QAM	1	0	17.13	17.13	17.21	17.16	17.11	18.4	0
20	16QAM	1	49	16.99	16.98	17.07	17.07	16.94		
20	16QAM	1	99	16.99	17.00	17.11	17.11	16.93		
20	16QAM	50	0	17.00	17.08	17.17	17.03	17.02	18.4	0
20	16QAM	50	24	16.97	16.94	17.05	16.98	16.94		
20	16QAM	50	50	17.01	17.08	17.09	16.95	17.09		
20	16QAM	100	0	17.06	17.03	17.17	17.07	17.00		
20	64QAM	1	0	17.12	17.17	17.13	17.09	17.07	18.4	0
20	64QAM	1	49	17.08	17.03	17.12	16.98	17.01		
20	64QAM	1	99	16.96	17.04	17.09	17.10	16.91		
20	64QAM	50	0	17.05	17.17	17.14	17.04	16.99	18.4	0
20	64QAM	50	24	16.95	16.99	17.00	17.05	16.95		
20	64QAM	50	50	17.02	17.05	17.08	16.94	17.07		
20	64QAM	100	0	16.99	17.06	17.08	17.04	16.99		
20	256QAM	1	0	16.85	16.80	16.91	16.87	16.75	18	0.4
20	256QAM	1	49	16.74	16.66	16.79	16.69	16.69		
20	256QAM	1	99	16.69	16.71	16.78	16.76	16.69		
20	256QAM	50	0	16.76	16.80	16.78	16.83	16.68	18	0.4
20	256QAM	50	24	16.72	16.73	16.72	16.68	16.68		
20	256QAM	50	50	16.80	16.78	16.85	16.67	16.70		
20	256QAM	100	0	16.78	16.78	16.80	16.77	16.72		
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	17.16	17.23	17.18	17.21	17.13	18.40	0
15	QPSK	1	37	17.15	17.07	17.14	17.11	17.04		
15	QPSK	1	74	17.00	17.09	17.16	17.11	17.02		
15	QPSK	36	0	17.06	17.12	17.15	17.13	17.07	18.4	0
15	QPSK	36	20	17.06	17.05	17.11	17.02	17.03		
15	QPSK	36	39	17.08	17.10	17.12	16.96	17.15		
15	QPSK	75	0	17.16	17.08	17.15	17.09	17.09		
15	16QAM	1	0	17.13	17.02	17.15	17.08	17.03	18.4	0
15	16QAM	1	37	16.98	16.90	16.96	17.02	16.94		
15	16QAM	1	74	16.95	17.01	17.09	17.01	16.84		
15	16QAM	36	0	16.99	17.08	17.12	16.94	17.02	18.4	0
15	16QAM	36	20	16.91	16.85	17.00	16.97	16.93		
15	16QAM	36	39	16.91	16.98	17.03	16.91	17.03		
15	16QAM	75	0	16.96	17.03	17.11	17.03	16.94		
15	64QAM	1	0	17.10	17.18	17.12	17.00	17.07	18.4	0
15	64QAM	1	37	17.06	17.02	17.11	16.87	16.92		
15	64QAM	1	74	16.87	16.97	16.99	17.07	16.84		
15	64QAM	36	0	16.94	17.08	17.03	17.00	16.91	18.4	0
15	64QAM	36	20	16.85	16.89	16.94	17.04	16.91		
15	64QAM	36	39	16.95	16.99	17.03	16.84	17.04		
15	64QAM	75	0	16.97	16.96	17.04	16.93	16.96		
15	256QAM	1	0	16.77	16.71	16.81	16.85	16.76	18	0.4
15	256QAM	1	37	16.74	16.64	16.70	16.66	16.62		
15	256QAM	1	74	16.67	16.70	16.77	16.68	16.59		
15	256QAM	36	0	16.69	16.73	16.69	16.77	16.62	18	0.4
15	256QAM	36	20	16.71	16.71	16.70	16.58	16.57		
15	256QAM	36	39	16.78	16.69	16.84	16.60	16.68		
15	256QAM	75	0	16.78	16.67	16.73	16.71	16.73		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.11	17.22	17.18	17.18	17.17	18.40	0
10	QPSK	1	25	17.11	17.10	17.17	17.07	17.00		
10	QPSK	1	49	17.05	17.09	17.10	17.14	16.99		
10	QPSK	25	0	17.15	17.20	17.13	17.12	17.07	18.4	0
10	QPSK	25	12	17.09	17.05	17.01	17.03	17.04		
10	QPSK	25	25	17.15	17.09	17.15	17.02	17.05		
10	QPSK	50	0	17.10	17.10	17.22	17.12	17.05		
10	16QAM	1	0	17.07	17.09	17.22	17.09	17.08	18.4	0
10	16QAM	1	25	17.00	16.94	17.02	17.01	16.85		
10	16QAM	1	49	16.97	16.91	17.03	17.01	16.88		
10	16QAM	25	0	16.90	17.00	17.13	17.01	16.98	18.4	0
10	16QAM	25	12	16.96	16.86	17.02	16.95	16.84		
10	16QAM	25	25	16.91	16.98	17.01	16.85	17.04		
10	16QAM	50	0	16.98	17.03	17.11	17.02	16.92		
10	64QAM	1	0	17.12	17.08	17.05	17.00	17.06	18.4	0
10	64QAM	1	25	17.01	17.03	17.05	16.94	16.91		
10	64QAM	1	49	16.90	17.01	17.09	17.01	16.85		
10	64QAM	25	0	16.97	17.14	17.10	17.01	16.91	18.4	0
10	64QAM	25	12	16.95	16.91	16.96	17.02	16.87		
10	64QAM	25	25	16.94	16.95	17.02	16.84	17.00		
10	64QAM	50	0	16.96	17.02	17.01	17.00	16.89		
10	256QAM	1	0	16.79	16.69	16.91	16.86	16.72	18	0.4
10	256QAM	1	25	16.64	16.57	16.80	16.66	16.65		
10	256QAM	1	49	16.64	16.71	16.71	16.76	16.61		
10	256QAM	25	0	16.77	16.79	16.79	16.82	16.65	18	0.4
10	256QAM	25	12	16.72	16.66	16.72	16.60	16.63		
10	256QAM	25	25	16.74	16.72	16.85	16.64	16.64		
10	256QAM	50	0	16.75	16.74	16.70	16.76	16.72		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	17.17	17.20	17.23	17.21	17.16	18.40	0
5	QPSK	1	12	17.14	17.00	17.12	17.12	17.02		
5	QPSK	1	24	17.04	17.01	17.12	17.08	17.02		
5	QPSK	12	0	17.12	17.22	17.17	17.10	17.03	18.4	0
5	QPSK	12	7	16.99	17.06	17.05	17.10	17.04		
5	QPSK	12	13	17.10	17.19	17.17	16.97	17.11		
5	QPSK	25	0	17.11	17.13	17.20	17.11	16.98		
5	16QAM	1	0	17.04	17.10	17.14	17.13	17.07	18.4	0
5	16QAM	1	12	17.00	16.91	16.98	17.05	16.89		
5	16QAM	1	24	16.91	16.93	17.11	17.05	16.84		
5	16QAM	12	0	16.94	17.09	17.09	17.02	17.02	18.4	0
5	16QAM	12	7	16.88	16.84	17.00	16.89	16.88		
5	16QAM	12	13	16.91	17.08	16.99	16.94	16.99		
5	16QAM	25	0	16.99	17.03	17.07	17.02	16.89		
5	64QAM	1	0	17.03	17.09	17.03	16.99	16.99	18.4	0
5	64QAM	1	12	17.01	16.95	17.06	16.95	17.02		
5	64QAM	1	24	16.90	16.97	17.02	17.00	16.89		
5	64QAM	12	0	16.95	17.12	17.11	17.05	16.91	18.4	0
5	64QAM	12	7	16.87	16.93	16.98	17.01	16.90		
5	64QAM	12	13	17.02	17.03	17.06	16.86	17.06		
5	64QAM	25	0	16.96	17.07	17.04	16.93	17.00		
5	256QAM	1	0	16.80	16.75	16.86	16.85	16.68	18	0.4
5	256QAM	1	12	16.65	16.57	16.80	16.68	16.64		
5	256QAM	1	24	16.65	16.62	16.71	16.67	16.62		
5	256QAM	12	0	16.71	16.69	16.75	16.82	16.58	18	0.4
5	256QAM	12	7	16.67	16.72	16.67	16.65	16.64		
5	256QAM	12	13	16.77	16.75	16.79	16.66	16.64		
5	256QAM	25	0	16.69	16.74	16.69	16.75	16.67		

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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	2548.5	2593	2636.5	2680		
20	QPSK	1	0	18.95	18.93	19.01	18.98	18.96	20	0
20	QPSK	1	49	18.79	18.84	18.88	18.89	18.80		
20	QPSK	1	99	18.84	18.83	18.92	18.84	18.86		
20	QPSK	50	0	18.92	18.83	18.98	18.89	18.97	20	0
20	QPSK	50	24	18.82	18.82	18.94	18.92	18.86		
20	QPSK	50	50	18.82	18.78	18.93	18.87	18.86		
20	QPSK	100	0	18.86	18.93	18.95	18.94	18.94		
20	16QAM	1	0	18.82	18.80	18.88	18.85	18.88	20	0
20	16QAM	1	49	18.63	18.77	18.72	18.75	18.64		
20	16QAM	1	99	18.72	18.76	18.86	18.71	18.78		
20	16QAM	50	0	18.88	18.69	18.84	18.78	18.91	20	0
20	16QAM	50	24	18.74	18.69	18.86	18.79	18.79		
20	16QAM	50	50	18.77	18.70	18.85	18.74	18.74		
20	16QAM	100	0	18.71	18.78	18.88	18.88	18.79		
20	64QAM	1	0	18.86	18.88	18.93	18.90	18.92	20	0
20	64QAM	1	49	18.66	18.68	18.75	18.84	18.73		
20	64QAM	1	99	18.70	18.68	18.84	18.74	18.76		
20	64QAM	50	0	18.77	18.69	18.87	18.76	18.86	20	0
20	64QAM	50	24	18.73	18.68	18.85	18.77	18.72		
20	64QAM	50	50	18.71	18.73	18.83	18.79	18.75		
20	64QAM	100	0	18.72	18.77	18.80	18.80	18.85		
20	256QAM	1	0	18.74	18.77	18.79	18.78	18.76	20	0
20	256QAM	1	49	18.56	18.60	18.73	18.73	18.58		
20	256QAM	1	99	18.60	18.68	18.69	18.60	18.67		
20	256QAM	50	0	18.75	18.59	18.76	18.70	18.74	20	0
20	256QAM	50	24	18.61	18.68	18.74	18.73	18.68		
20	256QAM	50	50	18.62	18.61	18.77	18.67	18.66		
20	256QAM	100	0	18.62	18.78	18.72	18.70	18.76		
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	18.85	18.86	18.98	18.87	18.96	20.00	0
15	QPSK	1	37	18.73	18.83	18.85	18.87	18.72		
15	QPSK	1	74	18.74	18.77	18.92	18.75	18.78		
15	QPSK	36	0	18.88	18.80	18.95	18.89	18.97	20	0
15	QPSK	36	20	18.83	18.73	18.92	18.85	18.78		
15	QPSK	36	39	18.83	18.72	18.85	18.81	18.87		
15	QPSK	75	0	18.84	18.93	18.89	18.94	18.88		
15	16QAM	1	0	18.82	18.69	18.87	18.81	18.84	20	0
15	16QAM	1	37	18.53	18.74	18.70	18.76	18.64		
15	16QAM	1	74	18.70	18.68	18.86	18.67	18.78		
15	16QAM	36	0	18.86	18.59	18.77	18.77	18.87	20	0
15	16QAM	36	20	18.66	18.61	18.77	18.72	18.77		
15	16QAM	36	39	18.69	18.60	18.79	18.69	18.73		
15	16QAM	75	0	18.69	18.79	18.87	18.85	18.77		
15	64QAM	1	0	18.83	18.80	18.91	18.83	18.89	20	0
15	64QAM	1	37	18.56	18.63	18.65	18.81	18.63		
15	64QAM	1	74	18.64	18.63	18.79	18.73	18.69		
15	64QAM	36	0	18.76	18.68	18.77	18.76	18.82	20	0
15	64QAM	36	20	18.73	18.69	18.81	18.73	18.70		
15	64QAM	36	39	18.63	18.64	18.74	18.76	18.67		
15	64QAM	75	0	18.71	18.73	18.74	18.78	18.81		
15	256QAM	1	0	18.71	18.72	18.76	18.79	18.65	20	0
15	256QAM	1	37	18.47	18.53	18.67	18.69	18.58		
15	256QAM	1	74	18.50	18.59	18.62	18.54	18.59		
15	256QAM	36	0	18.70	18.58	18.89	18.66	18.74	20	0
15	256QAM	36	20	18.54	18.68	18.72	18.66	18.68		
15	256QAM	36	39	18.62	18.56	18.73	18.65	18.67		
15	256QAM	75	0	18.58	18.71	18.67	18.70	18.76		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.93	18.89	18.92	18.87	18.88	20.00	0
10	QPSK	1	25	18.80	18.75	18.77	18.83	18.77		
10	QPSK	1	49	18.81	18.77	18.82	18.85	18.86		
10	QPSK	25	0	18.86	18.79	18.93	18.78	18.92	20	0
10	QPSK	25	12	18.80	18.79	18.84	18.88	18.87		
10	QPSK	25	25	18.72	18.77	18.86	18.87	18.78		
10	QPSK	50	0	18.86	18.87	18.95	18.88	18.84		
10	16QAM	1	0	18.78	18.77	18.87	18.79	18.79	20	0
10	16QAM	1	25	18.64	18.76	18.71	18.66	18.60		
10	16QAM	1	49	18.71	18.69	18.84	18.66	18.76		
10	16QAM	25	0	18.86	18.64	18.76	18.75	18.87	20	0
10	16QAM	25	12	18.74	18.67	18.86	18.68	18.77		
10	16QAM	25	25	18.76	18.63	18.84	18.71	18.65		
10	16QAM	50	0	18.68	18.78	18.86	18.87	18.70		
10	64QAM	1	0	18.86	18.80	18.85	18.85	18.92	20	0
10	64QAM	1	25	18.59	18.60	18.66	18.81	18.68		
10	64QAM	1	49	18.64	18.68	18.82	18.69	18.71		
10	64QAM	25	0	18.69	18.63	18.84	18.71	18.84	20	0
10	64QAM	25	12	18.73	18.66	18.83	18.70	18.71		
10	64QAM	25	25	18.71	18.64	18.77	18.79	18.71		
10	64QAM	50	0	18.67	18.76	18.74	18.71	18.80		
10	256QAM	1	0	18.64	18.69	18.75	18.71	18.73	20	0
10	256QAM	1	25	18.47	18.52	18.69	18.73	18.50		
10	256QAM	1	49	18.52	18.65	18.66	18.50	18.61		
10	256QAM	25	0	18.75	18.49	18.68	18.70	18.69	20	0
10	256QAM	25	12	18.56	18.58	18.68	18.73	18.66		
10	256QAM	25	25	18.55	18.52	18.67	18.67	18.66		
10	256QAM	50	0	18.52	18.77	18.62	18.70	18.70		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	18.91	18.91	18.95	18.94	18.94	20.00	0
5	QPSK	1	12	18.77	18.83	18.83	18.85	18.72		
5	QPSK	1	24	18.82	18.83	18.83	18.84	18.86		
5	QPSK	12	0	18.85	18.79	18.91	18.87	18.93	20	0
5	QPSK	12	7	18.78	18.72	18.90	18.85	18.75		
5	QPSK	12	13	18.82	18.74	18.90	18.76	18.83		
5	QPSK	25	0	18.84	18.92	18.90	18.87	18.92	20	0
5	16QAM	1	0	18.73	18.73	18.79	18.84	18.80		
5	16QAM	1	12	18.55	18.73	18.95	18.72	18.59		
5	16QAM	1	24	18.73	18.66	18.84	18.70	18.78		
5	16QAM	12	0	18.80	18.63	18.82	18.69	18.85	20	0
5	16QAM	12	7	18.67	18.67	18.82	18.76	18.76		
5	16QAM	12	13	18.70	18.60	18.77	18.66	18.66		
5	16QAM	25	0	18.63	18.71	18.89	18.79	18.69	20	0
5	64QAM	1	0	18.75	18.82	18.91	18.79	18.84		
5	64QAM	1	12	18.62	18.66	18.70	18.76	18.67		
5	64QAM	1	24	18.68	18.61	18.77	18.63	18.76		
5	64QAM	12	0	18.68	18.59	18.85	18.69	18.81	20	0
5	64QAM	12	7	18.66	18.62	18.78	18.71	18.72		
5	64QAM	12	13	18.71	18.64	18.78	18.70	18.76		
5	64QAM	25	0	18.72	18.66	18.70	18.76	18.75		
5	256QAM	1	0	18.71	18.66	18.77	18.77	18.68	20	0
5	256QAM	1	12	18.48	18.53	18.68	18.63	18.47		
5	256QAM	1	24	18.58	18.58	18.68	18.58	18.62		
5	256QAM	12	0	18.73	18.55	18.68	18.61	18.64	20	0
5	256QAM	12	7	18.58	18.69	18.63	18.72	18.61		
5	256QAM	12	13	18.52	18.54	18.73	18.67	18.63		
5	256QAM	25	0	18.52	18.67	18.73	18.64	18.65		

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	28.85	28.99	28.82	30.50	19.85	19.99	19.82	21.50
GPRS 1 Tx slot	28.79	28.94	28.80	30.50	19.79	19.94	19.80	21.50
GPRS 2 Tx slots	26.11	26.55	26.50	27.50	20.11	20.55	20.50	21.50
GPRS 3 Tx slots	25.05	24.78	24.74	26.00	20.79	20.52	20.48	21.74
GPRS 4 Tx slots	23.49	23.07	23.00	24.00	20.49	20.07	20.00	21.00
EDGE 1 Tx slot	24.67	24.58	24.55	25.50	15.67	15.58	15.55	16.50
EDGE 2 Tx slots	23.57	23.31	23.26	24.50	17.57	17.31	17.26	18.50
EDGE 3 Tx slots	21.86	21.81	21.68	22.50	17.60	17.55	17.42	18.24
EDGE 4 Tx slots	20.02	20.02	19.98	21.00	17.02	17.02	16.98	18.00

Band		WCDMA II Ant 2 DSI3			Tune-up Limit (dBm)	WCDMA IV Ant 2 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	20.15	20.17	20.17	21.40	18.79	18.69	18.67	20.10
3GPP Rel 99	RMC 12.2Kbps	20.23	20.25	20.20	21.40	18.78	18.80	18.75	20.10
3GPP Rel 6	HSDPA Subtest-1	19.21	19.21	19.25	20.40	17.73	17.81	17.75	19.10
3GPP Rel 6	HSDPA Subtest-2	19.18	19.30	19.17	20.40	17.78	17.84	17.80	19.10
3GPP Rel 6	HSDPA Subtest-3	18.77	18.79	18.75	19.90	17.32	17.27	17.26	18.60
3GPP Rel 6	HSDPA Subtest-4	18.71	18.80	18.70	19.90	17.24	17.34	17.28	18.60
3GPP Rel 8	DC-HSDPA Subtest-1	19.28	19.20	19.19	20.40	17.79	17.75	17.77	19.10
3GPP Rel 8	DC-HSDPA Subtest-2	19.24	19.27	19.20	20.40	17.79	17.83	17.78	19.10
3GPP Rel 8	DC-HSDPA Subtest-3	18.74	18.75	18.65	19.90	17.28	17.33	17.27	18.60
3GPP Rel 8	DC-HSDPA Subtest-4	18.69	18.76	18.72	19.90	17.29	17.27	17.27	18.60
3GPP Rel 6	HSUPA Subtest-1	19.27	19.24	19.22	20.40	17.78	17.84	17.81	19.10
3GPP Rel 6	HSUPA Subtest-2	17.24	17.24	17.17	18.40	15.78	15.77	15.76	17.10
3GPP Rel 6	HSUPA Subtest-3	18.19	18.23	18.18	19.40	16.78	16.84	16.79	18.10
3GPP Rel 6	HSUPA Subtest-4	17.26	17.26	17.25	18.40	15.82	15.78	15.76	17.10
3GPP Rel 6	HSUPA Subtest-5	19.22	19.30	19.25	20.40	17.83	17.76	17.70	19.10

Band 2 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	20.92	20.95	20.90		
20	QPSK	1	49	20.81	20.85	20.85	21.9	0
20	QPSK	1	99	20.78	20.90	20.77		
20	QPSK	50	0	20.88	20.92	20.85		
20	QPSK	50	24	20.82	20.84	20.83	21.9	0
20	QPSK	50	50	20.83	20.83	20.77		
20	QPSK	100	0	20.87	20.89	20.83		
20	16QAM	1	0	20.78	20.80	20.75		
20	16QAM	1	49	20.77	20.77	20.80	21.9	0
20	16QAM	1	99	20.73	20.84	20.66		
20	16QAM	50	0	20.82	20.91	20.78		
20	16QAM	50	24	20.77	20.73	20.68	21.9	0
20	16QAM	50	50	20.69	20.73	20.63		
20	16QAM	100	0	20.75	20.76	20.68		
20	64QAM	1	0	20.79	20.83	20.86		
20	64QAM	1	49	20.73	20.73	20.71	21.9	0
20	64QAM	1	99	20.67	20.78	20.64		
20	64QAM	50	0	20.00	20.00	20.05		
20	64QAM	50	24	19.95	19.99	19.84	21	0.9
20	64QAM	50	50	19.95	20.05	19.85		
20	64QAM	100	0	19.93	20.02	19.97		
20	256QAM	1	0	17.96	18.08	17.98		
20	256QAM	1	49	17.92	17.92	17.98	19	2.9
20	256QAM	1	99	17.87	18.02	17.90		
20	256QAM	50	0	18.03	18.06	17.93		
20	256QAM	50	24	17.90	17.91	17.98	19	2.9
20	256QAM	50	50	17.87	17.95	17.84		
20	256QAM	100	0	17.91	18.03	17.98		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.83	20.90	20.88		
15	QPSK	1	37	20.79	20.77	20.80	21.9	0
15	QPSK	1	74	20.79	20.85	20.71		
15	QPSK	36	0	20.82	20.83	20.85		
15	QPSK	36	20	20.79	20.80	20.74	21.9	0
15	QPSK	36	39	20.78	20.77	20.74		
15	QPSK	75	0	20.86	20.83	20.80		
15	16QAM	1	0	20.77	20.73	20.67		
15	16QAM	1	37	20.71	20.77	20.78	21.9	0
15	16QAM	1	74	20.63	20.81	20.62		
15	16QAM	36	0	20.74	20.78	20.77		
15	16QAM	36	20	20.68	20.66	20.68	21.9	0
15	16QAM	36	39	20.69	20.69	20.64		
15	16QAM	75	0	20.71	20.69	20.64		
15	64QAM	1	0	20.70	20.77	20.77		
15	64QAM	1	37	20.73	20.72	20.65	21.9	0
15	64QAM	1	74	20.68	20.72	20.61		
15	64QAM	36	0	19.98	19.91	20.02		
15	64QAM	36	20	19.89	19.93	19.85	21	0.9
15	64QAM	36	39	19.87	19.96	19.84		
15	64QAM	75	0	19.91	19.93	19.94		
15	256QAM	1	0	17.95	18.03	17.90		
15	256QAM	1	37	17.87	17.86	17.95	19	2.9
15	256QAM	1	74	17.82	17.98	17.91		
15	256QAM	36	0	17.95	18.00	17.86		
15	256QAM	36	20	17.85	17.83	17.90	19	2.9
15	256QAM	36	39	17.79	17.92	17.87		
15	256QAM	75	0	17.89	17.95	17.96		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.85	20.85	20.85		
10	QPSK	1	25	20.70	20.82	20.77	21.9	0
10	QPSK	1	49	20.76	20.82	20.77		
10	QPSK	25	0	20.88	20.87	20.77		
10	QPSK	25	12	20.76	20.81	20.77	21.9	0
10	QPSK	25	25	20.84	20.84	20.77		
10	QPSK	50	0	20.84	20.87	20.77		
10	16QAM	1	0	20.75	20.71	20.69		
10	16QAM	1	25	20.71	20.67	20.79	21.9	0
10	16QAM	1	49	20.66	20.81	20.58		
10	16QAM	25	0	20.75	20.78	20.68		
10	16QAM	25	12	20.73	20.67	20.59	21.9	0
10	16QAM	25	25	20.58	20.74	20.60		
10	16QAM	50	0	20.74	20.74	20.62		
10	64QAM	1	0	20.71	20.79	20.80		
10	64QAM	1	25	20.62	20.63	20.67	21.9	0
10	64QAM	1	49	20.61	20.74	20.59		
10	64QAM	25	0	19.91	19.93	20.03		
10	64QAM	25	12	19.94	19.94	19.84	21	0.9
10	64QAM	25	25	19.88	19.96	19.85		
10	64QAM	50	0	19.94	19.94	19.90		
10	256QAM	1	0	17.97	18.09	17.91		
10	256QAM	1	25	17.87	17.93	17.91	19	2.9
10	256QAM	1	49	17.80	18.02	17.84		
10	256QAM	25	0	17.93	18.06	17.85		
10	256QAM	25	12	17.81	17.87	17.89	19	2.9
10	256QAM	25	25	17.85	17.87	17.77		
10	256QAM	50	0	17.89	17.98	17.94		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.85	20.92	20.90		
5	QPSK	1	12	20.73	20.75	20.74	21.9	0
5	QPSK	1	24	20.75	20.81	20.66		
5	QPSK	12	0	20.86	20.92	20.78		
5	QPSK	12	7	20.77	20.80	20.79	21.9	0
5	QPSK	12	13	20.84	20.74	20.71		
5	QPSK	25	0	20.78	20.86	20.80		
5	16QAM	1	0	20.69	20.69	20.73		
5	16QAM	1	12	20.67	20.67	20.78	21.9	0
5	16QAM	1	24	20.63	20.82	20.63		
5	16QAM	12	0	20.75	20.79	20.69		
5	16QAM	12	7	20.71	20.70	20.61	21.9	0
5	16QAM	12	13	20.69	20.69	20.64		
5	16QAM	25	0	20.71	20.72	20.61		
5	64QAM	1	0	20.75	20.76	20.81		
5	64QAM	1	12	20.64	20.65	20.70	21.9	0
5	64QAM	1	24	20.64	20.79	20.55		
5	64QAM	12	0	19.92	19.91	20.00		
5	64QAM	12	7	19.93	19.96	19.85	21	0.9
5	64QAM	12	13	19.88	19.99	19.79		
5	64QAM	25	0	19.94	20.02	19.97		
5	256QAM	1	0	17.91	17.98	17.92		
5	256QAM	1	12	17.89	17.89	17.88	19	2.9
5	256QAM	1	24	17.86	17.95	17.85		
5	256QAM	12	0	17.93	17.98	17.94		
5	256QAM	12	7	17.83	17.83	17.89	19	2.9
5	256QAM	12	13	17.80	17.95	17.81		
5	256QAM	25	0	17.92	18.02	17.94		
Channel				18525	18900	19275	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.88	20.86	20.87		
3	QPSK	1	8	20.79	20.79	20.85	21.9	0
3	QPSK	1	14	20.69	20.88	20.72		
3	QPSK	8	0	20.82	20.90	20.79		
3	QPSK	8	4	20.71	20.82	20.74	21.9	0
3	QPSK	8	7	20.84	20.73	20.75		
3	QPSK	15	0	20.85	20.84	20.72		
3	16QAM	1	0	20.71	20.79	20.66		
3	16QAM	1	8	20.66	20.67	20.79	21.9	0
3	16QAM	1	14	20.68	20.76	20.62		
3	16QAM	8	0	20.73	20.78	20.69		
3	16QAM	8	4	20.71	20.64	20.66	21.9	0
3	16QAM	8	7	20.66	20.72	20.60		
3	16QAM	15	0	20.75	20.69	20.64		
3	64QAM	1	0	20.73	20.72	20.84		
3	64QAM	1	8	20.72	20.63	20.68	21.9	0
3	64QAM	1	14	20.60	20.76	20.65		
3	64QAM	8	0	19.91	19.99	20.03		
3	64QAM	8	4	19.92	19.98	19.89	21	0.9
3	64QAM	8	7	19.95	19.98	19.74		
3	64QAM	15	0	19.88	19.97	19.94		
3	256QAM	1	0	17.96	18.06	17.93		
3	256QAM	1	8	17.91	17.88	17.95	19	2.9
3	256QAM	1	14	17.82	17.98	17.88		
3	256QAM	8	0	18.02	18.01	17.86		
3	256QAM	8	4	17.87	17.89	17.87	19	2.9
3	256QAM	8	7	17.78	17.88	17.78		
3	256QAM	15	0	17.89	18.00	17.94		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.85	20.90	20.85		
1.4	QPSK	1	3	20.76	20.84	20.78		
1.4	QPSK	1	5	20.76	20.87	20.72	21.9	0
1.4	QPSK	3	0	20.77	20.85	20.81		
1.4	QPSK	3	1	20.82	20.77	20.77		
1.4	QPSK	3	3	20.78	20.73	20.76		
1.4	QPSK	6	0	20.86	20.84	20.84	21.9	0
1.4	16QAM	1	0	20.79	20.74	20.68		
1.4	16QAM	1	3	20.72	20.70	20.69		
1.4	16QAM	1	5	20.68	20.79	20.59	21.9	0
1.4	16QAM	3	0	20.83	20.79	20.79		
1.4	16QAM	3	1	20.70	20.63	20.65		
1.4	16QAM	3	3	20.61	20.62	20.64		
1.4	16QAM	6	0	20.67	20.71	20.67	21.9	0
1.4	64QAM	1	0	20.80	20.74	20.77		
1.4	64QAM	1	3	20.68	20.66	20.61		
1.4	64QAM	1	5	20.58	20.78	20.58	21.9	0
1.4	64QAM	3	0	20.70	20.65	20.77		
1.4	64QAM	3	1	20.61	20.62	20.53		
1.4	64QAM	3	3	20.50	20.74	20.57		
1.4	64QAM	6	0	19.90	19.93	19.98	21	0.9
1.4	256QAM	1	0	17.97	18.09	17.91		
1.4	256QAM	1	3	17.89	17.86	17.89		
1.4	256QAM	1	5	17.78	17.93	17.81	19	2.9
1.4	256QAM	3	0	18.01	17.96	17.91		
1.4	256QAM	3	1	17.88	17.82	17.92		
1.4	256QAM	3	3	17.87	17.92	17.78		
1.4	256QAM	6	0	17.90	18.00	17.94	19	2.9

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.68	19.69	19.68		
20	QPSK	1	49	19.51	19.59	19.59	21	0
20	QPSK	1	99	19.57	19.56	19.63		
20	QPSK	50	0	19.59	19.68	19.64		
20	QPSK	50	24	19.58	19.67	19.60	21	0
20	QPSK	50	50	19.60	19.61	19.55		
20	QPSK	100	0	19.64	19.65	19.61		
20	16QAM	1	0	19.57	19.65	19.49		
20	16QAM	1	49	19.39	19.48	19.37	21	0
20	16QAM	1	99	19.48	19.44	19.50		
20	16QAM	50	0	19.57	19.56	19.52		
20	16QAM	50	24	19.50	19.58	19.39	21	0
20	16QAM	50	50	19.37	19.47	19.53		
20	16QAM	100	0	19.56	19.50	19.50		
20	64QAM	1	0	19.60	19.65	19.46		
20	64QAM	1	49	19.42	19.47	19.36	21	0
20	64QAM	1	99	19.50	19.58	19.44		
20	64QAM	50	0	19.51	19.64	19.53		
20	64QAM	50	24	19.55	19.48	19.37	21	0
20	64QAM	50	50	19.43	19.49	19.47		
20	64QAM	100	0	19.50	19.54	19.49		
20	256QAM	1	0	17.66	17.71	17.67		
20	256QAM	1	49	17.57	17.47	17.56	19	2
20	256QAM	1	99	17.50	17.52	17.55		
20	256QAM	50	0	17.62	17.71	17.53		
20	256QAM	50	24	17.61	17.65	17.56	19	2
20	256QAM	50	50	17.65	17.62	17.51		
20	256QAM	100	0	17.61	17.66	17.63		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.65	19.59	19.66		
15	QPSK	1	37	19.42	19.56	19.48	21	0
15	QPSK	1	74	19.40	19.55	19.61		
15	QPSK	36	0	19.57	19.59	19.54		
15	QPSK	36	20	19.56	19.61	19.59	21	0
15	QPSK	36	39	19.52	19.53	19.51		
15	QPSK	75	0	19.63	19.56	19.61		
15	16QAM	1	0	19.49	19.59	19.41		
15	16QAM	1	37	19.37	19.45	19.29	21	0
15	16QAM	1	74	19.40	19.36	19.49		
15	16QAM	36	0	19.49	19.54	19.51		
15	16QAM	36	20	19.51	19.54	19.35	21	0
15	16QAM	36	39	19.36	19.46	19.44		
15	16QAM	75	0	19.57	19.47	19.43		
15	64QAM	1	0	19.61	19.47	19.61		
15	64QAM	1	37	19.41	19.45	19.29	21	0
15	64QAM	1	74	19.39	19.54	19.39		
15	64QAM	36	0	19.43	19.65	19.49		
15	64QAM	36	20	19.50	19.43	19.36	21	0
15	64QAM	36	39	19.41	19.43	19.47		
15	64QAM	75	0	19.47	19.44	19.38		
15	256QAM	1	0	17.62	17.61	17.67		
15	256QAM	1	37	17.52	17.48	17.59	19	2
15	256QAM	1	74	17.45	17.48	17.47		
15	256QAM	36	0	17.59	17.64	17.51		
15	256QAM	36	20	17.59	17.56	17.51	19	2
15	256QAM	36	39	17.63	17.56	17.42		
15	256QAM	75	0	17.51	17.65	17.55		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.66	19.68	19.65		
10	QPSK	1	25	19.41	19.49	19.56	21	0
10	QPSK	1	49	19.39	19.49	19.63		
10	QPSK	25	0	19.51	19.60	19.63		
10	QPSK	25	12	19.48	19.59	19.53	21	0
10	QPSK	25	25	19.56	19.58	19.53		
10	QPSK	50	0	19.58	19.56	19.60		
10	16QAM	1	0	19.49	19.59	19.39		
10	16QAM	1	25	19.30	19.46	19.36	21	0
10	16QAM	1	49	19.45	19.39	19.41		
10	16QAM	25	0	19.57	19.52	19.47		
10	16QAM	25	12	19.42	19.49	19.30	21	0
10	16QAM	25	25	19.35	19.47	19.47		
10	16QAM	50	0	19.52	19.40	19.42		
10	64QAM	1	0	19.53	19.49	19.63		
10	64QAM	1	25	19.39	19.41	19.26	21	0
10	64QAM	1	49	19.45	19.49	19.37		
10	64QAM	25	0	19.51	19.55	19.49		
10	64QAM	25	12	19.51	19.38	19.34	21	0
10	64QAM	25	25	19.35	19.41	19.46		
10	64QAM	50	0	19.41	19.54	19.42		
10	256QAM	1	0	17.60	17.70	17.58		
10	256QAM	1	25	17.52	17.44	17.53	19	2
10	256QAM	1	49	17.47	17.49	17.51		
10	256QAM	25	0	17.59	17.61	17.48		
10	256QAM	25	12	17.63	17.53	17.47	19	2
10	256QAM	25	25	17.63	17.58	17.47		
10	256QAM	50	0	17.52	17.58	17.55		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.59	19.63	19.67		
5	QPSK	1	12	19.43	19.50	19.56	21	0
5	QPSK	1	24	19.48	19.60	19.53		
5	QPSK	12	0	19.53	19.63	19.60		
5	QPSK	12	7	19.51	19.60	19.54	21	0
5	QPSK	12	13	19.59	19.56	19.51		
5	QPSK	25	0	19.59	19.63	19.56		
5	16QAM	1	0	19.47	19.59	19.44		
5	16QAM	1	12	19.33	19.42	19.27	21	0
5	16QAM	1	24	19.43	19.42	19.42		
5	16QAM	12	0	19.53	19.52	19.51		
5	16QAM	12	7	19.48	19.52	19.38	21	0
5	16QAM	12	13	19.39	19.45	19.49		
5	16QAM	25	0	19.47	19.43	19.48		
5	64QAM	1	0	19.51	19.49	19.57		
5	64QAM	1	12	19.39	19.48	19.27	21	0
5	64QAM	1	24	19.50	19.53	19.42		
5	64QAM	12	0	19.45	19.61	19.44		
5	64QAM	12	7	19.55	19.44	19.29	21	0
5	64QAM	12	13	19.40	19.42	19.47		
5	64QAM	25	0	19.45	19.45	19.50		
5	256QAM	1	0	17.66	17.68	17.68		
5	256QAM	1	12	17.55	17.38	17.55	19	2
5	256QAM	1	24	17.40	17.52	17.51		
5	256QAM	12	0	17.60	17.61	17.49		
5	256QAM	12	7	17.57	17.62	17.57	19	2
5	256QAM	12	13	17.57	17.58	17.52		
5	256QAM	25	0	17.61	17.60	17.53		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.64	19.66	19.62		
3	QPSK	1	8	19.44	19.55	19.48	21	0
3	QPSK	1	14	19.42	19.53	19.57		
3	QPSK	8	0	19.55	19.61	19.56		
3	QPSK	8	4	19.48	19.58	19.53	21	0
3	QPSK	8	7	19.57	19.61	19.52		
3	QPSK	15	0	19.64	19.56	19.53		
3	16QAM	1	0	19.57	19.48	19.47		
3	16QAM	1	8	19.37	19.45	19.27	21	0
3	16QAM	1	14	19.37	19.34	19.46		
3	16QAM	8	0	19.51	19.55	19.52		
3	16QAM	8	4	19.41	19.58	19.28	21	0
3	16QAM	8	7	19.29	19.37	19.48		
3	16QAM	15	0	19.47	19.45	19.42		
3	64QAM	1	0	19.60	19.51	19.64		
3	64QAM	1	8	19.36	19.37	19.31	21	0
3	64QAM	1	14	19.44	19.49	19.44		
3	64QAM	8	0	19.47	19.55	19.42		
3	64QAM	8	4	19.50	19.47	19.30	21	0
3	64QAM	8	7	19.33	19.43	19.42		
3	64QAM	15	0	19.42	19.54	19.49		
3	256QAM	1	0	17.61	17.68	17.59		
3	256QAM	1	8	17.54	17.36	17.52	19	2
3	256QAM	1	14	17.50	17.52	17.55		
3	256QAM	8	0	17.54	17.72	17.52		
3	256QAM	8	4	17.60	17.58	17.47	19	2
3	256QAM	8	7	17.57	17.61	17.44		
3	256QAM	15	0	17.61	17.69	17.53		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.59	19.61	19.57		
1.4	QPSK	1	3	19.43	19.49	19.58		
1.4	QPSK	1	5	19.45	19.60	19.56	21	0
1.4	QPSK	3	0	19.50	19.63	19.64		
1.4	QPSK	3	1	19.58	19.60	19.56		
1.4	QPSK	3	3	19.53	19.55	19.51		
1.4	QPSK	6	0	19.61	19.56	19.56	21	0
1.4	16QAM	1	0	19.51	19.55	19.44		
1.4	16QAM	1	3	19.36	19.45	19.35		
1.4	16QAM	1	5	19.49	19.37	19.47	21	0
1.4	16QAM	3	0	19.57	19.47	19.43		
1.4	16QAM	3	1	19.41	19.48	19.35		
1.4	16QAM	3	3	19.35	19.42	19.46		
1.4	16QAM	6	0	19.54	19.45	19.47	21	0
1.4	64QAM	1	0	19.54	19.51	19.57		
1.4	64QAM	1	3	19.41	19.37	19.31		
1.4	64QAM	1	5	19.45	19.51	19.39	21	0
1.4	64QAM	3	0	19.47	19.57	19.50		
1.4	64QAM	3	1	19.53	19.41	19.32		
1.4	64QAM	3	3	19.32	19.50	19.43		
1.4	64QAM	6	0	19.51	19.50	19.47	21	0
1.4	256QAM	1	0	17.63	17.67	17.61		
1.4	256QAM	1	3	17.55	17.45	17.55		
1.4	256QAM	1	5	17.49	17.43	17.44	19	2
1.4	256QAM	3	0	17.63	17.68	17.50		
1.4	256QAM	3	1	17.56	17.62	17.48		
1.4	256QAM	3	3	17.65	17.58	17.48		
1.4	256QAM	6	0	17.61	17.62	17.53	19	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	21.08	21.10	21.05		
20	QPSK	1	49	21.04	21.01	20.99	22.1	0
20	QPSK	1	99	21.02	20.89	20.98		
20	QPSK	50	0	21.03	21.09	20.96		
20	QPSK	50	24	20.99	20.96	20.94	22.1	0
20	QPSK	50	50	20.98	21.03	20.99		
20	QPSK	100	0	21.00	21.06	20.94		
20	16QAM	1	0	20.92	21.02	20.95		
20	16QAM	1	49	20.95	20.88	20.88	22.1	0
20	16QAM	1	99	20.95	20.86	20.85		
20	16QAM	50	0	20.90	20.89	20.88		
20	16QAM	50	24	20.84

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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	22.24	22.36	22.35	23.5	0
20	QPSK	1	49	22.09	22.31	22.25		
20	QPSK	1	99	22.17	22.30	22.26		
20	QPSK	50	0	21.24	21.33	21.23	22.5	1
20	QPSK	50	24	21.14	21.22	21.16		
20	QPSK	50	50	21.14	21.27	21.08		
20	QPSK	100	0	21.10	21.18	21.13		
20	16QAM	1	0	21.10	21.21	21.17		
20	16QAM	1	49	21.14	21.27	21.14	22.5	1
20	16QAM	1	99	21.13	21.27	21.08		
20	16QAM	50	0	20.38	20.51	20.39	21.5	2
20	16QAM	50	24	20.32	20.36	20.31		
20	16QAM	50	50	20.34	20.36	20.25		
20	16QAM	100	0	20.29	20.40	20.26		
20	64QAM	1	0	20.29	20.38	20.31	21.5	2
20	64QAM	1	49	20.34	20.41	20.30		
20	64QAM	1	99	20.26	20.46	20.33		
20	64QAM	50	0	19.30	19.45	19.35	20.5	3
20	64QAM	50	24	19.19	19.34	19.24		
20	64QAM	50	50	19.21	19.36	19.28		
20	64QAM	100	0	19.23	19.33	19.24		
20	256QAM	1	0	17.27	17.36	17.32	18.5	5
20	256QAM	1	49	17.16	17.24	17.23		
20	256QAM	1	99	17.17	17.27	17.24		
20	256QAM	50	0	17.18	17.28	17.17	18.5	5
20	256QAM	50	24	17.21	17.24	17.21		
20	256QAM	50	50	17.19	17.20	17.25		
20	256QAM	100	0	17.12	17.28	17.22		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.19	22.32	22.27	23.5	0
15	QPSK	1	37	22.05	22.17	22.13		
15	QPSK	1	74	22.04	22.23	22.17		
15	QPSK	36	0	21.19	21.21	21.10	22.5	1
15	QPSK	36	20	20.99	21.16	21.09		
15	QPSK	36	39	20.99	21.19	20.97		
15	QPSK	75	0	21.00	21.11	21.05		
15	16QAM	1	0	21.00	21.09	21.07	22.5	1
15	16QAM	1	37	21.02	21.18	21.05		
15	16QAM	1	74	21.05	21.11	21.01		
15	16QAM	36	0	20.32	20.36	20.33	21.5	2
15	16QAM	36	20	20.26	20.31	20.26		
15	16QAM	36	39	20.24	20.22	20.14		
15	16QAM	75	0	20.13	20.33	20.14		
15	64QAM	1	0	20.24	20.31	20.27	21.5	2
15	64QAM	1	37	20.20	20.33	20.15		
15	64QAM	1	74	20.16	20.37	20.21		
15	64QAM	36	0	19.19	19.35	19.22	20.5	3
15	64QAM	36	20	19.08	19.24	19.10		
15	64QAM	36	39	19.15	19.29	19.19		
15	64QAM	75	0	19.10	19.28	19.19		
15	256QAM	1	0	17.20	17.28	17.25	18.5	5
15	256QAM	1	37	17.08	17.09	17.13		
15	256QAM	1	74	17.06	17.11	17.11		
15	256QAM	36	0	17.12	17.22	17.05	18.5	5
15	256QAM	36	20	17.17	17.09	17.16		
15	256QAM	36	39	17.14	17.08	17.16		
15	256QAM	75	0	16.96	17.23	17.08		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572	2595	2618		
10	QPSK	1	0	22.11	22.29	22.22	23.5	0
10	QPSK	1	25	22.03	22.18	22.14		
10	QPSK	1	49	22.04	22.19	22.14		
10	QPSK	25	0	21.12	21.19	21.17	22.5	1
10	QPSK	25	12	21.00	21.08	21.10		
10	QPSK	25	25	21.06	21.22	21.01		
10	QPSK	50	0	21.00	21.10	21.14		
10	16QAM	1	0	20.97	21.13	21.10	22.5	1
10	16QAM	1	25	21.05	21.14	21.10		
10	16QAM	1	49	21.09	21.14	20.98		
10	16QAM	25	0	20.28	20.37	20.33	21.5	2
10	16QAM	25	12	20.17	20.32	20.20		
10	16QAM	25	25	20.20	20.31	20.12		
10	16QAM	50	0	20.16	20.32	20.16		
10	64QAM	1	0	20.14	20.23	20.23	21.5	2
10	64QAM	1	25	20.25	20.36	20.18		
10	64QAM	1	49	20.19	20.38	20.22		
10	64QAM	25	0	19.19	19.38	19.28	20.5	3
10	64QAM	25	12	19.09	19.21	19.18		
10	64QAM	25	25	19.11	19.29	19.20		
10	64QAM	50	0	19.14	19.19	19.09		
10	256QAM	1	0	17.21	17.31	17.17	18.5	5
10	256QAM	1	25	17.04	17.16	17.13		
10	256QAM	1	49	17.02	17.21	17.16		
10	256QAM	25	0	17.07	17.15	17.02	18.5	5
10	256QAM	25	12	17.16	17.14	17.06		
10	256QAM	25	25	17.09	17.07	17.10		
10	256QAM	50	0	17.05	17.16	17.17		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.15	22.24	22.27	23.5	0
5	QPSK	1	12	21.94	22.20	22.17		
5	QPSK	1	24	22.13	22.20	22.20		
5	QPSK	12	0	21.13	21.21	21.17	22.5	1
5	QPSK	12	7	21.01	21.08	21.03		
5	QPSK	12	13	21.04	21.15	20.93		
5	QPSK	25	0	20.98	21.11	21.07		
5	16QAM	1	0	20.95	21.07	21.08	22.5	1
5	16QAM	1	12	21.08	21.12	21.02		
5	16QAM	1	24	21.02	21.20	20.95		
5	16QAM	12	0	20.30	20.46	20.35	21.5	2
5	16QAM	12	7	20.25	20.22	20.21		
5	16QAM	12	13	20.27	20.22	20.11		
5	16QAM	25	0	20.24	20.26	20.10		
5	64QAM	1	0	20.16	20.31	20.23	21.5	2
5	64QAM	1	12	20.23	20.33	20.16		
5	64QAM	1	24	20.21	20.34	20.19		
5	64QAM	12	0	19.26	19.37	19.20	20.5	3
5	64QAM	12	7	19.06	19.24	19.15		
5	64QAM	12	13	19.14	19.22	19.16		
5	64QAM	25	0	19.19	19.19	19.16		
5	256QAM	1	0	17.15	17.20	17.22	18.5	5
5	256QAM	1	12	17.05	17.16	17.13		
5	256QAM	1	24	17.08	17.13	17.10		
5	256QAM	12	0	17.14	17.13	17.02	18.5	5
5	256QAM	12	7	17.06	17.17	17.05		
5	256QAM	12	13	17.06	17.10	17.10		
5	256QAM	25	0	16.97	17.22	17.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.83	23.84	23.75	25.1	0
20	QPSK	1	49	23.72	23.78	23.73		
20	QPSK	1	99	23.77	23.75	23.70		
20	QPSK	50	0	23.72	23.77	23.66	25.1	0
20	QPSK	50	24	23.70	23.75	23.71		
20	QPSK	50	50	23.73	23.65	23.59		
20	QPSK	100	0	23.74	23.75	23.73		
20	16QAM	1	0	23.65	23.68	23.64	25.1	0
20	16QAM	1	49	23.63	23.67	23.62		
20	16QAM	1	99	23.69	23.56	23.50		
20	16QAM	50	0	23.15	23.19	23.10	24.5	0.6
20	16QAM	50	24	23.05	23.18	23.08		
20	16QAM	50	50	23.08	23.07	23.00		
20	16QAM	100	0	23.17	23.21	23.12		
20	64QAM	1	0	23.10	23.13	23.07	24.5	0.6
20	64QAM	1	49	23.01	23.02	23.04		
20	64QAM	1	99	23.04	22.94	22.94		
20	64QAM	50	0	22.08	22.18	22.11	23.5	1.6
20	64QAM	50	24	22.09	22.10	22.06		
20	64QAM	50	50	22.13	22.09	21.97		
20	64QAM	100	0	22.11	22.20	22.17		
20	256QAM	1	0	20.06	20.16	20.09	21.5	3.6
20	256QAM	1	49	20.16	20.17	20.12		
20	256QAM	1	99	20.09	20.01	19.94		
20	256QAM	50	0	20.14	20.20	20.10	21.5	3.6
20	256QAM	50	24	20.07	20.10	20.00		
20	256QAM	50	50	20.00	20.09	20.06		
20	256QAM	100	0	20.05	19.97	19.93		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.82	23.73	23.66	25.1	0
15	QPSK	1	37	23.66	23.77	23.72		
15	QPSK	1	74	23.71	23.71	23.67		
15	QPSK	36	0	23.71	23.69	23.65	25.1	0
15	QPSK	36	20	23.59	23.69	23.67		
15	QPSK	36	39	23.67	23.64	23.54		
15	QPSK	75	0	23.63	23.68	23.62		
15	16QAM	1	0	23.57	23.62	23.55	25.1	0
15	16QAM	1	37	23.60	23.61	23.51		
15	16QAM	1	74	23.68	23.48	23.43		
15	16QAM	36	0	23.04	23.16	23.03	24.5	0.6
15	16QAM	36	20	22.99	23.09	23.01		
15	16QAM	36	39	23.03	23.05	22.89		
15	16QAM	75	0	23.06	23.20	23.11		
15	64QAM	1	0	23.03	23.13	22.99	24.5	0.6
15	64QAM	1	37	22.95	22.92	22.97		
15	64QAM	1	74	23.02	22.93	22.88		
15	64QAM	36	0	22.00	22.14	22.09	23.5	1.6
15	64QAM	36	20	21.98	22.05	22.06		
15	64QAM	36	39	22.08	22.08	21.88		
15	64QAM	75	0	22.03	22.16	22.13		
15	256QAM	1	0	20.05	20.06	20.04	21.5	3.6
15	256QAM	1	37	20.08	20.14	20.03		
15	256QAM	1	74	20.02	19.97	19.89		
15	256QAM	36	0	20.08	20.15	19.98	21.5	3.6
15	256QAM	36	20	19.96	20.02	19.97		
15	256QAM	36	39	19.95	20.05	19.97		
15	256QAM	75	0	20.05	19.92	19.82		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572	2595	2618		
10	QPSK	1	0	23.77	23.77	23.68	25.1	0
10	QPSK	1	25	23.60	23.77	23.71		
10	QPSK	1	49	23.67	23.64	23.65		
10	QPSK	25	0	23.63	23.69	23.62	25.1	0
10	QPSK	25	12	23.62	23.65	23.62		
10	QPSK	25	25	23.73	23.60	23.53		
10	QPSK	50	0	23.64	23.74	23.63		
10	16QAM	1	0	23.65	23.67	23.60	25.1	0
10	16QAM	1	25	23.52	23.66	23.60		
10	16QAM	1	49	23.69	23.49	23.38		
10	16QAM	25	0	23.05	23.18	22.98	24.5	0.6
10	16QAM	25	12	23.05	23.18	23.06		
10	16QAM	25	25	23.01	23.05	22.99		
10	16QAM	50	0	23.15	23.17	23.08		
10	64QAM	1	0	23.06	23.05	23.03	24.5	0.6
10	64QAM	1	25	22.99	22.93	22.99		
10	64QAM	1	49	22.98	22.89	22.87		
10	64QAM	25	0	22.06	22.13	22.00	23.5	1.6
10	64QAM	25	12	22.03	22.08	22.05		
10	64QAM	25	25	22.05	22.06	21.96		
10	64QAM	50	0	22.06	22.12	22.13		
10	256QAM	1	0	20.04	20.10	20.06	21.5	3.6
10	256QAM	1	25	20.06	20.06	20.02		
10	256QAM	1	49	20.06	19.92	19.88		
10	256QAM	25	0	20.07	20.12	20.06	21.5	3.6
10	256QAM	25	12	19.99	20.04	19.98		
10	256QAM	25	25	19.97	20.03	19.96		
10	256QAM	50	0	20.04	19.89	19.88		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.78	23.81	23.72	25.1	0
5	QPSK	1	12	23.71	23.69	23.69		
5	QPSK	1	24	23.72	23.73	23.62		
5	QPSK	12	0	23.68	23.73	23.63	25.1	0
5	QPSK	12	7	23.68	23.74	23.60		
5	QPSK	12	13	23.64	23.57	23.56		
5	QPSK	25	0	23.67	23.68	23.72		
5	16QAM	1	0	23.65	23.63	23.61	25.1	0
5	16QAM	1	12	23.55	23.66	23.54		
5	16QAM	1	24	23.64	23.53	23.48		
5	16QAM	12	0	23.09	23.18	23.05	24.5	0.6
5	16QAM	12	7	22.97	23.12	23.07		
5	16QAM	12	13	23.03	23.02	22.98		
5	16QAM	25	0	23.05	23.11	23.02		
5	64QAM	1	0	23.04	23.09	23.04	24.5	0.6
5	64QAM	1	12	22.82	22.97	22.96		
5	64QAM	1	24	23.01	22.83	22.84		
5	64QAM	12	0	21.99	22.09	22.04	23.5	1.6
5	64QAM	12	7	22.00	21.99	21.96		
5	64QAM	12	13	22.11	22.05	21.92		
5	64QAM	25	0	22.08	22.11	22.10		
5	256QAM	1	0	19.94	20.12	20.00	21.5	3.6
5	256QAM	1	12	20.09	20.13	20.08		
5	256QAM	1	24	19.99	19.93	19.88		
5	256QAM	12	0	20.05	20.11	20.00	21.5	3.6
5	256QAM	12	7	20.00	20.06	19.98		
5	256QAM	12	13	19.98	20.08	20.04		
5	256QAM	25	0	19.98	19.85	19.92		

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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	22.38	22.31	22.41	22.39	22.36	23.5	0
20	QPSK	1	49	22.31	22.22	22.35	22.33	22.27		
20	QPSK	1	99	22.31	22.16	22.37	22.33	22.26		
20	QPSK	50	0	21.21	21.29	21.37	21.24	21.28	22.5	1
20	QPSK	50	24	21.16	21.21	21.32	21.18	21.23		
20	QPSK	50	50	21.05	21.24	21.24	21.10	21.23		
20	QPSK	100	0	21.10	21.16	21.26	21.15	21.13		
20	16QAM	1	0	21.14	21.15	21.21	21.16	21.17	22.5	1
20	16QAM	1	49	21.09	21.22	21.29	21.13	21.16		
20	16QAM	1	99	21.11	21.20	21.22	21.18	21.21		
20	16QAM	50	0	20.36	20.36	20.42	20.37	20.33	21.5	2
20	16QAM	50	24	20.24	20.22	20.26	20.26	20.19		
20	16QAM	50	50	20.27	20.24	20.29	20.26	20.28		
20	16QAM	100	0	20.27	20.24	20.26	20.26	20.24		
20	64QAM	1	0	20.24	20.23	20.35	20.27	20.18	21.5	2
20	64QAM	1	49	20.23	20.28	20.31	20.31	20.20		
20	64QAM	1	99	20.27	20.26	20.36	20.29	20.20		
20	64QAM	50	0	19.33	19.22	19.38	19.30	19.27	20.5	3
20	64QAM	50	24	19.17	19.14	19.28	19.24	19.16		
20	64QAM	50	50	19.23	19.08	19.24	19.16	19.21		
20	64QAM	100	0	19.24	19.11	19.32	19.21	19.12		
20	256QAM	1	0	17.10	17.15	17.23	17.14	17.18	18.5	5
20	256QAM	1	49	16.98	17.06	17.07	17.03	17.07		
20	256QAM	1	99	17.04	17.07	17.12	17.07	17.14		
20	256QAM	50	0	17.04	17.09	17.14	17.00	17.11	18.5	5
20	256QAM	50	24	16.94	17.07	17.12	17.04	17.04		
20	256QAM	50	50	17.03	17.06	17.11	17.00	17.10		
20	256QAM	100	0	17.05	17.07	17.15	17.07	17.14		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.28	22.20	22.25	22.30	22.27	23.50	0
15	QPSK	1	37	22.20	22.08	22.30	22.24	22.18		
15	QPSK	1	74	22.25	22.12	22.22	22.28	22.17		
15	QPSK	36	0	21.10	21.21	21.32	21.17	21.20	22.5	1
15	QPSK	36	20	21.11	21.14	21.28	21.07	21.14		
15	QPSK	36	39	20.92	21.15	21.20	20.98	21.19		
15	QPSK	75	0	21.05	21.11	21.18	21.03	21.03		
15	16QAM	1	0	21.03	21.02	21.17	21.04	21.12	22.5	1
15	16QAM	1	37	20.96	21.08	21.25	21.02	21.12		
15	16QAM	1	74	21.00	21.08	21.09	21.04	21.06		
15	16QAM	36	0	20.24	20.22	20.36	20.32	20.26	21.5	2
15	16QAM	36	20	20.16	20.07	20.12	20.19	20.03		
15	16QAM	36	39	20.16	20.09	20.14	20.12	20.12		
15	16QAM	75	0	20.17	20.13	20.10	20.13	20.09		
15	64QAM	1	0	20.15	20.11	20.28	20.15	20.11	21.5	2
15	64QAM	1	37	20.18	20.16	20.15	20.24	20.07		
15	64QAM	1	74	20.15	20.22	20.20	20.14	20.15		
15	64QAM	36	0	19.18	19.06	19.30	19.22	19.15	20.5	3
15	64QAM	36	20	19.02	18.99	19.22	19.17	19.03		
15	64QAM	36	39	19.11	19.03	19.17	19.10	19.17		
15	64QAM	75	0	19.09	19.00	19.20	19.05	19.00		
15	256QAM	1	0	16.96	17.04	17.12	17.00	17.07	18.5	5
15	256QAM	1	37	16.87	17.00	16.91	16.90	16.92		
15	256QAM	1	74	16.95	17.00	17.03	16.99	17.01		
15	256QAM	36	0	16.91	16.96	17.05	16.91	17.04	18.5	5
15	256QAM	36	20	16.88	16.99	16.98	16.97	16.90		
15	256QAM	36	39	16.93	16.92	16.99	16.91	17.01		
15	256QAM	75	0	17.00	16.97	17.04	17.00	17.08		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.23	22.23	22.28	22.28	22.28	23.50	0
10	QPSK	1	25	22.23	22.12	22.30	22.24	22.14		
10	QPSK	1	49	22.26	22.09	22.21	22.27	22.21		
10	QPSK	25	0	21.10	21.17	21.21	21.16	21.18	22.5	1
10	QPSK	25	12	20.99	21.14	21.19	21.03	21.08		
10	QPSK	25	25	20.94	21.09	21.12	21.01	21.14		
10	QPSK	50	0	20.95	21.11	21.19	21.06	20.99		
10	16QAM	1	0	21.08	21.01	21.08	21.09	21.09	22.5	1
10	16QAM	1	25	21.04	21.08	21.18	20.99	21.11		
10	16QAM	1	49	21.00	21.09	21.15	21.10	21.16		
10	16QAM	25	0	20.24	20.28	20.31	20.27	20.27	21.5	2
10	16QAM	25	12	20.13	20.10	20.16	20.14	20.10		
10	16QAM	25	25	20.22	20.15	20.20	20.15	20.13		
10	16QAM	50	0	20.16	20.10	20.15	20.17	20.14		
10	64QAM	1	0	20.10	20.13	20.21	20.20	20.03	21.5	2
10	64QAM	1	25	20.08	20.19	20.20	20.24	20.13		
10	64QAM	1	49	20.18	20.17	20.23	20.23	20.14		
10	64QAM	25	0	19.20	19.07	19.26	19.15	19.16	20.5	3
10	64QAM	25	12	19.01	19.08	19.18	19.09	19.10		
10	64QAM	25	25	19.09	19.03	19.12	19.12	19.07		
10	64QAM	50	0	19.15	19.07	19.21	19.08	18.99		
10	256QAM	1	0	16.97	17.05	17.14	17.08	17.09	18.5	5
10	256QAM	1	25	16.82	16.99	16.97	16.95	17.02		
10	256QAM	1	49	16.94	16.93	16.97	17.01	16.99		
10	256QAM	25	0	16.92	16.94	17.05	16.88	17.02	18.5	5
10	256QAM	25	12	16.82	16.99	17.03	16.98	16.92		
10	256QAM	25	25	16.98	17.00	17.04	16.91	16.97		
10	256QAM	50	0	16.94	17.03	17.04	16.96	17.01		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	22.31	22.18	22.28	22.25	22.29	23.50	0
5	QPSK	1	12	22.18	22.13	22.30	22.18	22.15		
5	QPSK	1	24	22.25	22.01	22.31	22.22	22.17		
5	QPSK	12	0	21.07	21.14	21.27	21.10	21.19	22.5	1
5	QPSK	12	7	21.10	21.05	21.24	21.07	21.10		
5	QPSK	12	13	20.96	21.15	21.18	21.04	21.11		
5	QPSK	25	0	21.03	21.07	21.15	21.04	21.08		
5	16QAM	1	0	21.03	21.01	21.09	21.08	21.03	22.5	1
5	16QAM	1	12	21.03	21.13	21.18	21.00	21.12		
5	16QAM	1	24	20.96	21.05	21.14	21.07	21.14		
5	16QAM	12	0	20.21	20.27	20.31	20.24	20.17	21.5	2
5	16QAM	12	7	20.17	20.17	20.12	20.18	20.09		
5	16QAM	12	13	20.20	20.19	20.18	20.20	20.17		
5	16QAM	25	0	20.19	20.13	20.20	20.14	20.14		
5	64QAM	1	0	20.17	20.09	20.29	20.11	20.03	21.5	2
5	64QAM	1	12	20.14	20.15	20.23	20.22	20.15		
5	64QAM	1	24	20.20	20.18	20.26	20.17	20.08		
5	64QAM	12	0	19.28	19.06	19.34	19.23	19.22	20.5	3
5	64QAM	12	7	19.03	19.01	19.20	19.15	19.01		
5	64QAM	12	13	19.14	18.98	19.13	19.05	19.10		
5	64QAM	25	0	19.08	19.05	19.20	19.07	19.03		
5	256QAM	1	0	16.98	16.99	17.11	17.07	17.08	18.5	5
5	256QAM	1	12	16.84	16.93	17.00	16.99	17.01		
5	256QAM	1	24	16.98	16.96	17.04	17.00	17.05		
5	256QAM	12	0	16.95	16.94	17.04	16.89	17.05	18.5	5
5	256QAM	12	7	16.86	16.95	17.04	16.95	16.98		
5	256QAM	12	13	16.94	16.95	17.01	16.95	17.03		
5	256QAM	25	0	16.90	16.98	17.10	16.96	17.04		

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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	23.83	23.84	23.86	23.85	23.81	25.1	0
20	QPSK	1	49	23.83	23.76	23.83	23.75	23.79		
20	QPSK	1	99	23.76	23.84	23.80	23.74	23.81		
20	QPSK	50	0	23.71	23.80	23.83	23.74	23.75	25.1	0
20	QPSK	50	24	23.73	23.75	23.77	23.71	23.69		
20	QPSK	50	50	23.71	23.80	23.71	23.68	23.77		
20	QPSK	100	0	23.76	23.75	23.81	23.77	23.75		
20	16QAM	1	0	23.62	23.76	23.77	23.65	23.65	25.1	0
20	16QAM	1	49	23.70	23.73	23.71	23.61	23.59		
20	16QAM	1	99	23.69	23.76	23.65	23.56	23.77		
20	16QAM	50	0	23.13	23.23	23.18	23.12	23.17	24.5	0.6
20	16QAM	50	24	23.09	23.18	23.18	23.06	23.06		
20	16QAM	50	50	23.17	23.16	23.13	23.10	23.20		
20	16QAM	100	0	23.13	23.17	23.24	23.22	23.18		
20	64QAM	1	0	23.07	23.15	23.15	23.08	23.08	24.5	0.6
20	64QAM	1	49	23.12	23.09	23.08	23.07	22.98		
20	64QAM	1	99	23.09	23.16	23.02	22.92	23.15		
20	64QAM	50	0	22.12	22.24	22.23	22.08	22.11	23.5	1.6
20	64QAM	50	24	22.08	22.16	22.19	22.15	22.09		
20	64QAM	50	50	22.06	22.24	22.10	22.08	22.22		
20	64QAM	100	0	22.19	22.09	22.16	22.11	22.13		
20	256QAM	1	0	20.16	20.15	20.28	20.12	20.20	21.5	3.6
20	256QAM	1	49	20.13	20.12	20.17	20.07	20.08		
20	256QAM	1	99	20.12	20.21	20.11	20.11	20.21		
20	256QAM	50	0	20.20	20.16	20.19	20.16	20.14	21.5	3.6
20	256QAM	50	24	19.98	20.17	20.12	20.10	20.02		
20	256QAM	50	50	20.05	20.18	20.11	19.98	19.98		
20	256QAM	100	0	20.13	20.18	20.08	19.99	20.22		
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	23.77	23.76	23.77	23.79	23.74	25.10	0
15	QPSK	1	37	23.73	23.67	23.78	23.70	23.64		
15	QPSK	1	74	23.70	23.74	23.69	23.67	23.68		
15	QPSK	36	0	23.62	23.76	23.68	23.63	23.66	25.1	0
15	QPSK	36	20	23.58	23.70	23.72	23.65	23.55		
15	QPSK	36	39	23.64	23.65	23.64	23.54	23.69		
15	QPSK	75	0	23.61	23.64	23.74	23.67	23.66		
15	16QAM	1	0	23.55	23.64	23.66	23.54	23.54	25.1	0
15	16QAM	1	37	23.61	23.68	23.57	23.49	23.52		
15	16QAM	1	74	23.56	23.72	23.52	23.46	23.68		
15	16QAM	36	0	22.99	23.10	23.07	23.00	23.13	24.5	0.6
15	16QAM	36	20	22.96	23.12	23.14	22.99	22.99		
15	16QAM	36	39	23.08	23.09	23.02	23.06	23.16		
15	16QAM	75	0	22.98	23.09	23.17	23.14	23.11		
15	64QAM	1	0	22.95	23.07	23.03	22.97	23.02	24.5	0.6
15	64QAM	1	37	23.02	22.97	22.97	22.98	22.86		
15	64QAM	1	74	23.04	23.03	22.98	22.86	23.03		
15	64QAM	36	0	22.02	22.09	22.14	21.97	21.99	23.5	1.6
15	64QAM	36	20	21.96	22.07	22.14	22.06	21.97		
15	64QAM	36	39	22.02	22.10	22.02	22.01	22.17		
15	64QAM	75	0	22.11	21.98	22.07	21.98	22.08		
15	256QAM	1	0	20.11	20.05	20.14	20.09	20.08	21.5	3.6
15	256QAM	1	37	20.06	20.03	20.05	20.01	20.00		
15	256QAM	1	74	20.02	20.08	20.08	19.98	20.07		
15	256QAM	36	0	20.09	20.06	20.16	20.09	20.09	21.5	3.6
15	256QAM	36	20	19.92	20.09	20.01	19.97	19.95		
15	256QAM	36	39	19.96	20.11	20.00	19.94	19.83		
15	256QAM	75	0	20.04	20.03	20.00	19.96	20.12		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.76	23.80	23.82	23.71	23.74	25.10	0
10	QPSK	1	25	23.70	23.68	23.80	23.65	23.74		
10	QPSK	1	49	23.70	23.80	23.68	23.66	23.73		
10	QPSK	25	0	23.58	23.71	23.73	23.63	23.70	25.1	0
10	QPSK	25	12	23.67	23.61	23.64	23.64	23.66		
10	QPSK	25	25	23.59	23.71	23.66	23.63	23.71		
10	QPSK	50	0	23.64	23.68	23.75	23.69	23.64		
10	16QAM	1	0	23.55	23.68	23.62	23.61	23.58	25.1	0
10	16QAM	1	25	23.57	23.69	23.63	23.55	23.54		
10	16QAM	1	49	23.60	23.68	23.57	23.44	23.69		
10	16QAM	25	0	23.01	23.17	23.05	22.99	23.13	24.5	0.6
10	16QAM	25	12	23.05	23.10	23.12	23.00	22.98		
10	16QAM	25	25	23.03	23.13	23.02	22.97	23.12		
10	16QAM	50	0	23.01	23.11	23.12	23.07	23.04		
10	64QAM	1	0	22.99	23.06	23.09	22.93	23.03	24.5	0.6
10	64QAM	1	25	22.98	23.05	22.96	23.02	22.89		
10	64QAM	1	49	23.05	23.06	22.96	22.78	23.06		
10	64QAM	25	0	22.06	22.19	22.15	22.03	22.04	23.5	1.6
10	64QAM	25	12	22.02	22.05	22.15	22.04	21.98		
10	64QAM	25	25	21.99	22.11	21.98	22.05	22.10		
10	64QAM	50	0	22.07	22.05	22.09	22.06	22.00		
10	256QAM	1	0	20.11	20.01	20.20	20.01	20.10	21.5	3.6
10	256QAM	1	25	20.05	19.99	20.04	20.03	19.96		
10	256QAM	1	49	19.99	20.11	20.06	20.04	20.12		
10	256QAM	25	0	20.10	20.10	20.13	20.08	20.02	21.5	3.6
10	256QAM	25	12	19.91	20.13	20.00	19.97	19.95		
10	256QAM	25	25	19.94	20.10	20.02	19.93	19.94		
10	256QAM	50	0	20.03	20.04	19.95	19.84	20.10		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	23.73	23.75	23.79	23.77	23.74	25.10	0
5	QPSK	1	12	23.71	23.67	23.78	23.71	23.73		
5	QPSK	1	24	23.68	23.72	23.72	23.69	23.75		
5	QPSK	12	0	23.65	23.72	23.79	23.67	23.62	25.1	0
5	QPSK	12	7	23.66	23.67	23.73	23.63	23.58		
5	QPSK	12	13	23.62	23.76	23.63	23.64	23.63		
5	QPSK	25	0	23.65	23.70	23.73	23.63	23.66		
5	16QAM	1	0	23.55	23.67	23.70	23.53	23.53	25.1	0
5	16QAM	1	12	23.62	23.68	23.65	23.56	23.55		
5	16QAM	1	24	23.55	23.69	23.52	23.49	23.70		
5	16QAM	12	0	23.01	23.11	23.10	23.02	23.12	24.5	0.6
5	16QAM	12	7	23.00	23.10	23.15	22.92	22.91		
5	16QAM	12	13	23.04	23.02	23.09	22.95	23.16		
5	16QAM	25	0	23.00	23.03	23.13	23.10	23.10		
5	64QAM	1	0	23.02	23.07	23.06	23.04	23.04	24.5	0.6
5	64QAM	1	12	22.97	23.01	22.96	23.00	22.93		
5	64QAM	1	24	23.00	23.07	22.97	22.80	23.03		
5	64QAM	12	0	22.09	22.12	22.14	21.95	22.02	23.5	1.6
5	64QAM	12	7	22.05	22.07	22.05	22.10	21.99		
5	64QAM	12	13	22.01	22.20	21.98	21.94	22.15		
5	64QAM	25	0	22.12	22.04	22.08	22.00	22.05		
5	256QAM	1	0	20.05	20.00	20.19	20.01	20.12	21.5	3.6
5	256QAM	1	12	20.08	20.05	20.12	19.94	20.03		
5	256QAM	1	24	19.98	20.08	19.99	20.05	20.09		
5	256QAM	12	0	20.09	20.07	20.13	20.10	20.07	21.5	3.6
5	256QAM	12	7	19.84	20.04	20.08	20.07	19.90		
5	256QAM	12	13	19.93	20.15	20.01	19.86	19.86		
5	256QAM	25	0	19.98	20.07	19.99	19.95	20.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3580	3575	3590		
20	QPSK	1	0	19.49	19.56	19.43	20.4	0
20	QPSK	1	49	19.35	19.42	19.42		
20	QPSK	1	99	19.44	19.40	19.34		
20	QPSK	50	0	19.47	19.52	19.43	20.4	0
20	QPSK	50	24	19.43	19.32	19.39		
20	QPSK	50	50	19.40	19.43	19.25		
20	QPSK	100	0	19.41	19.47	19.43		
20	16QAM	1	0	19.37	19.42	19.43	20.4	0
20	16QAM	1	49	19.32	19.29	19.38		
20	16QAM	1	99	19.35	19.26	19.22		
20	16QAM	50	0	19.29	19.45	19.22	20.4	0
20	16QAM	50	24	19.38	19.33	19.26		
20	16QAM	50	50	19.31	19.35	19.23		
20	16QAM	100	0	19.34	19.32	19.37		
20	64QAM	1	0	19.37	19.41	19.34	20.4	0
20	64QAM	1	49	19.32	19.33	19.29		
20	64QAM	1	99	19.24	19.36	19.23		
20	64QAM	50	0	19.27	19.36	19.26	20.4	0
20	64QAM	50	24	19.31	19.26	19.18		
20	64QAM	50	50	19.24	19.35	19.14		
20	64QAM	100	0	19.38	19.36	19.34		
20	256QAM	1	0	18.14	18.07	18.02	19	1.4
20	256QAM	1	49	18.02	18.11	17.96		
20	256QAM	1	99	17.95	18.09	17.99		
20	256QAM	50	0	18.02	18.09	17.97	19	1.4
20	256QAM	50	24	18.07	17.92	17.89		
20	256QAM	50	50	17.99	18.12	17.83		
20	256QAM	100	0	17.94	18.11	18.10		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3587.5	3575	3592.5		
15	QPSK	1	0	19.37	19.44	19.38	20.4	0
15	QPSK	1	37	19.28	19.28	19.27		
15	QPSK	1	74	19.34	19.36	19.23		
15	QPSK	36	0	19.38	19.39	19.31	20.4	0
15	QPSK	36	20	19.30	19.25	19.33		
15	QPSK	36	39	19.32	19.31	19.12		
15	QPSK	75	0	19.32	19.35	19.39		
15	16QAM	1	0	19.28	19.35	19.35	20.4	0
15	16QAM	1	37	19.26	19.24	19.34		
15	16QAM	1	74	19.21	19.12	19.12		
15	16QAM	36	0	19.14	19.32	19.09	20.4	0
15	16QAM	36	20	19.30	19.22	19.12		
15	16QAM	36	39	19.16	19.22	19.12		
15	16QAM	75	0	19.20	19.22	19.26		
15	64QAM	1	0	19.33	19.34	19.29	20.4	0
15	64QAM	1	37	19.28	19.23	19.25		
15	64QAM	1	74	19.18	19.26	19.17		
15	64QAM	36	0	19.22	19.29	19.15	20.4	0
15	64QAM	36	20	19.24	19.12	19.15		
15	64QAM	36	39	19.20	19.30	19.06		
15	64QAM	75	0	19.30	19.29	19.31		
15	256QAM	1	0	18.08	17.98	17.92	19	1.4
15	256QAM	1	37	17.99	18.04	17.89		
15	256QAM	1	74	17.82	18.05	17.93		
15	256QAM	36	0	17.91	17.96	17.88	19	1.4
15	256QAM	36	20	17.93	17.78	17.78		
15	256QAM	36	39	17.86	18.04	17.76		
15	256QAM	75	0	17.81	17.99	17.99		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	19.35	19.42	19.36	20.4	0
10	QPSK	1	25	19.23	19.39	19.29		
10	QPSK	1	49	19.29	19.33	19.21		
10	QPSK	25	0	19.33	19.47	19.33	20.4	0
10	QPSK	25	12	19.31	19.19	19.36		
10	QPSK	25	25	19.26	19.33	19.13		
10	QPSK	50	0	19.30	19.41	19.33		
10	16QAM	1	0	19.28	19.32	19.39	20.4	0
10	16QAM	1	25	19.23	19.23	19.24		
10	16QAM	1	49	19.27	19.12	19.14		
10	16QAM	25	0	19.26	19.31	19.09	20.4	0
10	16QAM	25	12	19.25	19.21	19.14		
10	16QAM	25	25	19.22	19.21	19.12		
10	16QAM	50	0	19.23	19.28	19.31		
10	64QAM	1	0	19.32	19.33	19.25	20.4	0
10	64QAM	1	25	19.20	19.25	19.15		
10	64QAM	1	49	19.19	19.24	19.18		
10	64QAM	25	0	19.21	19.23	19.22	20.4	0
10	64QAM	25	12	19.27	19.23	19.06		
10	64QAM	25	25	19.10	19.28	19.09		
10	64QAM	50	0	19.31	19.28	19.28		
10	256QAM	1	0	18.09	17.96	17.95	19	1.4
10	256QAM	1	25	17.89	18.06	17.82		
10	256QAM	1	49	17.85	18.05	17.87		
10	256QAM	25	0	17.90	18.05	17.90	19	1.4
10	256QAM	25	12	18.01	17.84	17.84		
10	256QAM	25	25	17.87	18.07	17.79		
10	256QAM	50	0	17.79	18.01	17.95		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	19.35	19.47	19.33	20.4	0
5	QPSK	1	12	19.23	19.28	19.33		
5	QPSK	1	24	19.39	19.27	19.21		
5	QPSK	12	0	19.40	19.39	19.32	20.4	0
5	QPSK	12	7	19.28	19.19	19.28		
5	QPSK	12	13	19.35	19.37	19.20		
5	QPSK	25	0	19.31	19.36	19.33		
5	16QAM	1	0	19.32	19.32	19.37	20.4	0
5	16QAM	1	12	19.29	19.16	19.29		
5	16QAM	1	24	19.23	19.14	19.13		
5	16QAM	12	0	19.17	19.41	19.18	20.4	0
5	16QAM	12	7	19.34	19.24	19.12		
5	16QAM	12	13	19.17	19.24	19.11		
5	16QAM	25	0	19.28	19.27	19.33		
5	64QAM	1	0	19.26	19.38	19.26	20.4	0
5	64QAM	1	12	19.25	19.28	19.16		
5	64QAM	1	24	19.20	19.32	19.12		
5	64QAM	12	0	19.16	19.30	19.23	20.4	0
5	64QAM	12	7	19.25	19.23	19.04		
5	64QAM	12	13	19.12	19.24	19.03		
5	64QAM	25	0	19.31	19.30	19.22		
5	256QAM	1	0	18.01	17.99	17.98	19	1.4
5	256QAM	1	12	17.99	18.07	17.91		
5	256QAM	1	24	17.85	17.96	17.88		
5	256QAM	12	0	17.88	18.02	17.89	19	1.4
5	256QAM	12	7	17.97	17.87	17.83		
5	256QAM	12	13	17.86	18.03	17.75		
5	256QAM	25	0	17.88	17.98	18.00		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.55	19.60	19.57	20.4	0
20	QPSK	1	49	19.48	19.52	19.47		
20	QPSK	1	99	19.47	19.52	19.44		
20	QPSK	50	0	19.51	19.57	19.49	20.4	0
20	QPSK	50	24	19.49	19.44	19.42		
20	QPSK	50	50	19.45	19.51	19.39		
20	QPSK	100	0	19.54	19.55	19.50		
20	16QAM	1	0	19.44	19.52	19.53	20.4	0
20	16QAM	1	49	19.36	19.41	19.43		
20	16QAM	1	99	19.41	19.38	19.30		
20	16QAM	50	0	19.41	19.52	19.36	20.4	0
20	16QAM	50	24	19.41	19.40	19.34		
20	16QAM	50	50	19.37	19.41	19.30		
20	16QAM	100	0	19.45	19.44	19.41		
20	64QAM	1	0	19.51	19.50	19.43	20.4	0
20	64QAM	1	49	19.39	19.44	19.38		
20	64QAM	1	99	19.33	19.41	19.32		
20	64QAM	50	0	19.36	19.44	19.38	20.4	0
20	64QAM	50	24	19.38	19.40	19.32		
20	64QAM	50	50	19.38	19.43	19.26		
20	64QAM	100	0	19.47	19.49	19.43		
20	256QAM	1	0	18.21	18.17	18.15	19	1.4
20	256QAM	1	49	18.10	18.15	18.10		
20	256QAM	1	99	18.01	18.14	18.05		
20	256QAM	50	0	18.06	18.16	18.12	19	1.4
20	256QAM	50	24	18.10	17.98	17.99		
20	256QAM	50	50	18.07	18.16	17.96		
20	256QAM	100	0	18.08	18.15	18.14		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3437.5	3500	3542.5		
15	QPSK	1	0	19.51	19.53	19.45	20.4	0
15	QPSK	1	37	19.42	19.49	19.39		
15	QPSK	1	74	19.35	19.43	19.39		
15	QPSK	36	0	19.43	19.48	19.39	20.4	0
15	QPSK	36	20	19.40	19.29	19.28		
15	QPSK	36	39	19.34	19.37	19.36		
15	QPSK	75	0	19.50	19.46	19.44		
15	16QAM	1	0	19.30	19.42	19.49	20.4	0
15	16QAM	1	37	19.24	19.34	19.30		
15	16QAM	1	74	19.27	19.29	19.20		
15	16QAM	36	0	19.31	19.48	19.29	20.4	0
15	16QAM	36	20	19.29	19.31	19.21		
15	16QAM	36	39	19.28	19.38	19.16		
15	16QAM	75	0	19.33	19.33	19.32		
15	64QAM	1	0	19.46	19.46	19.39	20.4	0
15	64QAM	1	37	19.35	19.31	19.27		
15	64QAM	1	74	19.23	19.27	19.25		
15	64QAM	36	0	19.25	19.34	19.32	20.4	0
15	64QAM	36	20	19.24	19.26	19.25		
15	64QAM	36	39	19.34	19.32	19.15		
15	64QAM	75	0	19.32	19.37	19.35		
15	256QAM	1	0	18.08	18.06	18.11	19	1.4
15	256QAM	1	37	18.00	18.01	17.99		
15	256QAM	1	74	17.94	18.01	17.96		
15	256QAM	36	0	18.02	18.09	18.08	19	1.4
15	256QAM	36	20	18.07	17.91	17.93		
15	256QAM	36	39	17.98	18.12	17.90		
15	256QAM	75	0	18.00	18.07	18.04		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.46	19.55	19.53	20.4	0
10	QPSK	1	25	19.42	19.46	19.43		
10	QPSK	1	49	19.41	19.43	19.31		
10	QPSK	25	0	19.39	19.45	19.42	20.4	0
10	QPSK	25	12	19.41	19.38	19.38		
10	QPSK	25	25	19.38	19.45	19.33		
10	QPSK	50	0	19.50	19.41	19.45		
10	16QAM	1	0	19.34	19.39	19.41	20.4	0
10	16QAM	1	25	19.25	19.31	19.30		
10	16QAM	1	49	19.33	19.33	19.22		
10	16QAM	25	0	19.38	19.38	19.26	20.4	0
10	16QAM	25	12	19.27	19.35	19.27		
10	16QAM	25	25	19.30	19.37	19.26		
10	16QAM	50	0	19.42	19.36	19.36		
10	64QAM	1	0	19.45	19.40	19.33	20.4	0
10	64QAM	1	25	19.35	19.33	19.30		
10	64QAM	1	49	19.28	19.27	19.20		
10	64QAM	25	0	19.28	19.33	19.24	20.4	0
10	64QAM	25	12	19.33	19.37	19.24		
10	64QAM	25	25	19.29	19.38	19.22		
10	64QAM	50	0	19.36	19.44	19.33		
10	256QAM	1	0	18.16	18.11	18.05	19	1.4
10	256QAM	1	25	17.97	18.06	17.98		
10	256QAM	1	49	17.90	18.06	17.97		
10	256QAM	25	0	18.00	18.11	18.04	19	1.4
10	256QAM	25	12	18.03	17.91	17.95		
10	256QAM	25	25	17.98	18.13	17.87		
10	256QAM	50	0	18.00	18.02	18.08		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.40	19.57	19.53	20.4	0
5	QPSK	1	12	19.37	19.42	19.34		
5	QPSK	1	24	19.42	19.44	19.31		
5	QPSK	12	0	19.40	19.43	19.34	20.4	0
5	QPSK	12	7	19.36	19.35	19.39		
5	QPSK	12	13	19.37	19.36	19.32		
5	QPSK	25	0	19.50	19.47	19.41		
5	16QAM	1	0	19.37	19.42	19.41	20.4	0
5	16QAM	1	12	19.22	19.32	19.33		
5	16QAM	1	24	19.36	19.28	19.27		
5	16QAM	12	0	19.33	19.48	19.27	20.4	0
5	16QAM	12	7	19.37	19.27	19.27		
5	16QAM	12	13	19.28	19.32	19.17		
5	16QAM	25	0	19.36	19.35	19.37		
5	64QAM	1	0	19.41	19.42	19.37	20.4	0
5	64QAM	1	12	19.33	19.35	19.28		
5	64QAM	1	24	19.28	19.36	19.29		
5	64QAM	12	0	19.30	19.41	19.32	20.4	0
5	64QAM	12	7	19.30	19.34	19.29		
5	64QAM	12	13	19.29	19.35	19.21		
5	64QAM	25	0	19.43	19.42	19.29		
5	256QAM	1	0	18.10	18.06	18.00	19	1.4
5	256QAM	1	12	17.98	18.03	17.99		
5	256QAM	1	24	17.96	18.10	17.90		
5	256QAM	12	0	17.97	18.02	18.02	19	1.4
5	256QAM	12	7	17.97	17.92	17.90		
5	256QAM	12	13	18.02	18.06	17.89		
5	256QAM	25	0	18.02	18.07	18.03		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44215	44240		
Frequency (MHz)				3660	3662.5	3665		
20	QPSK	1	0	19.46	19.59	19.48	20.4	0
20	QPSK	1	49	19.43	19.52	19.41		
20	QPSK	1	99	19.39	19.36	19.36		
20	QPSK	50	0	19.41	19.54	19.43	20.4	0
20	QPSK	50	24	19.43	19.47	19.45		
20	QPSK	50	50	19.43	19.43	19.46		
20	QPSK	100	0	19.46	19.52	19.45		
20	16QAM	1	0	19.38	19.46	19.43	20.4	0
20	16QAM	1	49	19.27	19.43	19.32		
20	16QAM	1	99	19.36	19.31	19.28		
20	16QAM	50	0	19.43	19.51	19.34	20.4	0
20	16QAM	50	24	19.36	19.43	19.28		
20	16QAM	50	50	19.37	19.23	19.30		
20	16QAM	100	0	19.36	19.43	19.40		
20	64QAM	1	0	19.51	19.39	19.41	20.4	0
20	64QAM	1	49	19.34	19.41	19.35		
20	64QAM	1	99	19.29	19.39	19.27		
20	64QAM	50	0	19.32	19.49	19.34	20.4	0
20	64QAM	50	24	19.40	19.43	19.37		
20	64QAM	50	50	19.36	19.31	19.30		
20	64QAM	100	0	19.31	19.45	19.38		
20	256QAM	1	0	18.20	18.15	18.15	19	1.4
20	256QAM	1	49	17.97	18.02	18.03		
20	256QAM	1	99	17.93	17.90	17.84		
20	256QAM	50	0	17.98	18.20	18.12	19	1.4
20	256QAM	50	24	18.05	18.04	18.10		
20	256QAM	50	50	17.89	18.09	18.00		
20	256QAM	100	0	18.13	18.11	18.01		
Channel				44165	44215	44265	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3662.5	3667.5		
15	QPSK	1	0	19.42	19.51	19.44	20.4	0
15	QPSK	1	37	19.33	19.40	19.26		
15	QPSK	1	74	19.25	19.31	19.23		
15	QPSK	36	0	19.31	19.48	19.29	20.4	0
15	QPSK	36	20	19.34	19.34	19.36		
15	QPSK	36	39	19.31	19.33	19.38		
15	QPSK	75	0	19.33	19.39	19.41		
15	16QAM	1	0	19.28	19.33	19.31	20.4	0
15	16QAM	1	37	19.16	19.38	19.20		
15	16QAM	1	74	19.29	19.21	19.14		
15	16QAM	36	0	19.36	19.46	19.26	20.4	0
15	16QAM	36	20	19.27	19.28	19.18		
15	16QAM	36	39	19.26	19.14	19.21		
15	16QAM	75	0	19.30	19.39	19.31		
15	64QAM	1	0	19.40	19.28	19.27	20.4	0
15	64QAM	1	37	19.19	19.33	19.28		
15	64QAM	1	74	19.21	19.31	19.14		
15	64QAM	36	0	19.25	19.35	19.26	20.4	0
15	64QAM	36	20	19.27	19.32	19.28		
15	64QAM	36	39	19.25	19.22	19.20		
15	64QAM	75	0	19.27	19.31	19.33		
15	256QAM	1	0	18.11	18.10	18.04	19	1.4
15	256QAM	1	37	17.87	17.95	17.91		
15	256QAM	1	74	17.81	17.86	17.76		
15	256QAM	36	0	17.93	18.14	18.03	19	1.4
15	256QAM	36	20	17.94	17.94	18.02		
15	256QAM	36	39	17.83	17.94	17.91		
15	256QAM	75	0	18.00	18.04	17.92		
Channel				44140	44215	44290	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3655	3662.5	3670		
10	QPSK	1	0	19.38	19.46	19.35	20.4	0
10	QPSK	1	25	19.38	19.42	19.32		
10	QPSK	1	49	19.30	19.29	19.29		
10	QPSK	25	0	19.35	19.50	19.37	20.4	0
10	QPSK	25	12	19.28	19.42	19.32		
10	QPSK	25	25	19.39	19.31	19.32		
10	QPSK	50	0	19.37	19.43	19.37		
10	16QAM	1	0	19.30	19.37	19.38	20.4	0
10	16QAM	1	25	19.20	19.33	19.24		
10	16QAM	1	49	19.26	19.21	19.24		
10	16QAM	25	0	19.30	19.38	19.21	20.4	0
10	16QAM	25	12	19.25	19.30	19.14		
10	16QAM	25	25	19.34	19.09	19.23		
10	16QAM	50	0	19.28	19.31	19.34		
10	64QAM	1	0	19.39	19.26	19.35	20.4	0
10	64QAM	1	25	19.22	19.37	19.30		
10	64QAM	1	49	19.25	19.28	19.22		
10	64QAM	25	0	19.20	19.44	19.27	20.4	0
10	64QAM	25	12	19.27	19.28	19.23		
10	64QAM	25	25	19.29	19.21	19.24		
10	64QAM	50	0	19.22	19.31	19.29		
10	256QAM	1	0	18.07	18.09	18.02	19	1.4
10	256QAM	1	25	17.90	17.99	17.89		
10	256QAM	1	49	17.84	17.80	17.74		
10	256QAM	25	0	17.85	18.13	18.00	19	1.4
10	256QAM	25	12	17.96	17.97	18.02		
10	256QAM	25	25	17.82	18.00	17.92		
10	256QAM	50	0	18.09	18.05	17.89		
Channel				44115	44215	44315	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652.5	3662.5	3672.5		
5	QPSK	1	0	19.38	19.54	19.36	20.4	0
5	QPSK	1	12	19.32	19.39	19.34		
5	QPSK	1	24	19.27	19.28	19.31		
5	QPSK	12	0	19.35	19.44	19.34	20.4	0
5	QPSK	12	7	19.36	19.34	19.35		
5	QPSK	12	13	19.31	19.33	19.36		
5	QPSK	25	0	19.35	19.47	19.32		
5	16QAM	1	0	19.28	19.36	19.34	20.4	0
5	16QAM	1	12	19.21	19.28	19.22		
5	16QAM	1	24	19.22	19.26	19.21		
5	16QAM	12	0	19.30	19.40	19.28	20.4	0
5	16QAM	12	7	19.21	19.32	19.23		
5	16QAM	12	13	19.34	19.10	19.23		
5	16QAM	25	0	19.24	19.37	19.35		
5	64QAM	1	0	19.37	19.25	19.28	20.4	0
5	64QAM	1	12	19.23	19.35	19.20		
5	64QAM	1	24	19.26	19.34	19.15		
5	64QAM	12	0	19.18	19.39	19.27	20.4	0
5	64QAM	12	7	19.31	19.39	19.24		
5	64QAM	12	13	19.24	19.19	19.19		
5	64QAM	25	0	19.24	19.33	19.33		
5	256QAM	1	0	18.10	18.11	18.08	19	1.4
5	256QAM	1	12	17.85	17.89	17.97		
5	256QAM	1	24	17.89	17.80	17.76		
5	256QAM	12	0	17.94	18.08	17.97	19	1.4
5	256QAM	12	7	18.00	17.94	18.03		
5	256QAM	12	13	17.76	17.95	17.87		
5	256QAM	25	0	18.09	18.01	17.97		

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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	19.65	19.59	19.56	20.4	0
20	QPSK	1	49	19.47	19.56	19.49	19.47		
20	QPSK	1	99	19.44	19.49	19.43	19.42		
20	QPSK	50	0	19.52	19.62	19.53	19.45	20.4	0
20	QPSK	50	24	19.49	19.52	19.52	19.45		
20	QPSK	50	50	19.47	19.50	19.52	19.39		
20	QPSK	100	0	19.50	19.58	19.51	19.56		
20	16QAM	1	0	19.52	19.54	19.52	19.47	20.4	0
20	16QAM	1	49	19.35	19.55	19.41	19.42		
20	16QAM	1	99	19.40	19.43	19.34	19.42		
20	16QAM	50	0	19.49	19.62	19.42	19.35	20.4	0
20	16QAM	50	24	19.45	19.48	19.40	19.35		
20	16QAM	50	50	19.41	19.38	19.40	19.28		
20	16QAM	100	0	19.49	19.52	19.47	19.53		
20	64QAM	1	0	19.55	19.53	19.53	19.45	20.4	0
20	64QAM	1	49	19.42	19.53	19.44	19.41		
20	64QAM	1	99	19.39	19.49	19.34	19.33		
20	64QAM	50	0	19.42	19.52	19.43	19.40	20.4	0
20	64QAM	50	24	19.45	19.51	19.50	19.36		
20	64QAM	50	50	19.47	19.46	19.45	19.35		
20	64QAM	100	0	19.44	19.52	19.41	19.46		
20	256QAM	1	0	18.24	18.26	18.23	18.11	19	1.4
20	256QAM	1	49	18.05	18.16	18.07	18.03		
20	256QAM	1	99	18.04	18.04	17.97	18.00		
20	256QAM	50	0	18.08	18.27	18.16	18.06	19	1.4
20	256QAM	50	24	18.09	18.10	18.15	18.10		
20	256QAM	50	50	18.02	18.13	18.08	18.02		
20	256QAM	100	0	18.16	18.24	18.06	18.16		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.54	19.57	19.56	19.51	20.4	0
15	QPSK	1	37	19.33	19.42	19.38	19.34		
15	QPSK	1	74	19.38	19.39	19.37	19.37		
15	QPSK	36	0	19.39	19.58	19.46	19.40	20.4	0
15	QPSK	36	20	19.41	19.41	19.44	19.31		
15	QPSK	36	39	19.41	19.40	19.46	19.28		
15	QPSK	75	0	19.40	19.52	19.38	19.50		
15	16QAM	1	0	19.37	19.43	19.37	19.43	20.4	0
15	16QAM	1	37	19.23	19.44	19.27	19.31		
15	16QAM	1	74	19.27	19.30	19.30	19.32		
15	16QAM	36	0	19.38	19.52	19.39	19.27	20.4	0
15	16QAM	36	20	19.34	19.38	19.34	19.21		
15	16QAM	36	39	19.35	19.32	19.30	19.17		
15	16QAM	75	0	19.44	19.45	19.39	19.42		
15	64QAM	1	0	19.40	19.49	19.45	19.32	20.4	0
15	64QAM	1	37	19.29	19.40	19.34	19.33		
15	64QAM	1	74	19.35	19.42	19.26	19.23		
15	64QAM	36	0	19.35	19.48	19.36	19.36	20.4	0
15	64QAM	36	20	19.40	19.41	19.43	19.27		
15	64QAM	36	39	19.38	19.31	19.30	19.29		
15	64QAM	75	0	19.38	19.48	19.34	19.42		
15	256QAM	1	0	18.20	18.15	18.10	18.07	19	1.4
15	256QAM	1	37	18.01	18.10	18.00	17.98		
15	256QAM	1	74	17.96	17.97	17.84	17.87		
15	256QAM	36	0	17.94	18.22	18.09	17.98	19	1.4
15	256QAM	36	20	17.95	18.07	18.02	17.99		
15	256QAM	36	39	17.95	17.98	17.93	17.96		
15	256QAM	75	0	18.02	18.20	18.00	18.02		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552	3607.5	3642.5	3695		
10	QPSK	1	0	19.52	19.54	19.51	19.43	20.4	0
10	QPSK	1	25	19.40	19.52	19.41	19.40		
10	QPSK	1	49	19.29	19.40	19.35	19.38		
10	QPSK	25	0	19.39	19.54	19.43	19.35	20.4	0
10	QPSK	25	12	19.38	19.44	19.45	19.32		
10	QPSK	25	25	19.37	19.40	19.43	19.32		
10	QPSK	50	0	19.45	19.50	19.45	19.43		
10	16QAM	1	0	19.41	19.45	19.44	19.44	20.4	0
10	16QAM	1	25	19.28	19.43	19.36	19.30		
10	16QAM	1	49	19.34	19.33	19.30	19.29		
10	16QAM	25	0	19.42	19.47	19.35	19.23	20.4	0
10	16QAM	25	12	19.35	19.34	19.29	19.27		
10	16QAM	25	25	19.36	19.29	19.28	19.15		
10	16QAM	50	0	19.38	19.41	19.36	19.48		
10	64QAM	1	0	19.48	19.39	19.47	19.32	20.4	0
10	64QAM	1	25	19.33	19.46	19.34	19.31		
10	64QAM	1	49	19.34	19.41	19.29	19.22		
10	64QAM	25	0	19.38	19.49	19.39	19.36	20.4	0
10	64QAM	25	12	19.37	19.38	19.36	19.27		
10	64QAM	25	25	19.44	19.36	19.38	19.31		
10	64QAM	50	0	19.36	19.40	19.33	19.33		
10	256QAM	1	0	18.11	18.20	18.09	17.96	19	1.4
10	256QAM	1	25	18.02	18.11	17.92	17.94		
10	256QAM	1	49	17.95	17.94	17.84	17.95		
10	256QAM	25	0	18.05	18.18	18.06	17.92	19	1.4
10	256QAM	25	12	17.96	17.98	18.01	17.98		
10	256QAM	25	25	17.99	18.08	17.94	17.93		
10	256QAM	50	0	18.08	18.10	17.93	18.01		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3550.5	3607	3643	3697.5		
5	QPSK	1	0	19.45	19.51	19.55	19.41	20.4	0
5	QPSK	1	12	19.42	19.42	19.44	19.38		
5	QPSK	1	24	19.36	19.43	19.29	19.38		
5	QPSK	12	0	19.44	19.56	19.40	19.30	20.4	0
5	QPSK	12	7	19.37	19.42	19.43	19.41		
5	QPSK	12	13	19.35	19.44	19.40	19.30		
5	QPSK	25	0	19.39	19.50	19.42	19.43		
5	16QAM	1	0	19.41	19.50	19.44	19.40	20.4	0
5	16QAM	1	12	19.24	19.41	19.32	19.37		
5	16QAM	1	24	19.35	19.37	19.24	19.28		
5	16QAM	12	0	19.38	19.49	19.30	19.27	20.4	0
5	16QAM	12	7	19.41	19.33	19.31	19.28		
5	16QAM	12	13	19.26	19.27	19.35	19.14		
5	16QAM	25	0	19.44	19.39	19.36	19.44		
5	64QAM	1	0	19.42	19.40	19.48	19.30	20.4	0
5	64QAM	1	12	19.38	19.48	19.38	19.32		
5	64QAM	1	24	19.29	19.35	19.22	19.20		
5	64QAM	12	0	19.29	19.44	19.36	19.34	20.4	0
5	64QAM	12	7	19.34	19.40	19.38	19.26		
5	64QAM	12	13	19.36	19.32	19.38	19.23		
5	64QAM	25	0	19.32	19.49	19.31	19.43		
5	256QAM	1	0	18.10	18.20	18.16	18.03	19	1.4
5	256QAM	1	12	17.96	18.08	17.94	17.90		
5	256QAM	1	24	17.92	17.91	17.86	17.87		
5	256QAM	12	0	17.98	18.17	18.13	18.01	19	1.4
5	256QAM	12	7	18.02	18.02	18.08	18.00		
5	256QAM	12	13	17.89	18.05	17.95	17.90		
5	256QAM	25	0	18.04	18.16	17.93	18.03		

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BW [MHz]	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	18.50	18.56	18.52	19.6	0
20	QPSK	1	49	18.43	18.43	18.45		
20	QPSK	1	99	18.36	18.42	18.44		
20	QPSK	50	0	18.39	18.50	18.48	19.6	0
20	QPSK	50	24	18.39	18.46	18.37		
20	QPSK	50	50	18.41	18.41	18.40		
20	QPSK	100	0	18.41	18.47	18.45		
20	16QAM	1	0	18.42	18.45	18.41	19.6	0
20	16QAM	1	49	18.37	18.41	18.34		
20	16QAM	1	99	18.29	18.37	18.40		
20	16QAM	50	0	18.30	18.45	18.43	19.6	0
20	16QAM	50	24	18.33	18.36	18.27		
20	16QAM	50	50	18.35	18.39	18.37		
20	16QAM	100	0	18.38	18.44	18.33		
20	64QAM	1	0	18.46	18.46	18.45	19.6	0
20	64QAM	1	49	18.39	18.39	18.38		
20	64QAM	1	99	18.32	18.40	18.33		
20	64QAM	50	0	18.28	18.39	18.38	19.6	0
20	64QAM	50	24	18.33	18.41	18.30		
20	64QAM	50	50	18.40	18.37	18.38		
20	64QAM	100	0	18.41	18.36	18.44		
20	256QAM	1	0	18.35	18.45	18.39	19.5	0.1
20	256QAM	1	49	18.23	18.28	18.33		
20	256QAM	1	99	18.15	18.20	18.24		
20	256QAM	50	0	18.26	18.40	18.32	19.5	0.1
20	256QAM	50	24	18.18	18.24	18.15		
20	256QAM	50	50	18.30	18.28	18.26		
20	256QAM	100	0	18.23	18.30	18.29		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.45	18.52	18.47	19.6	0
15	QPSK	1	37	18.31	18.36	18.41		
15	QPSK	1	74	18.28	18.32	18.43		
15	QPSK	36	0	18.31	18.39	18.39	19.6	0
15	QPSK	36	20	18.37	18.44	18.31		
15	QPSK	36	39	18.31	18.30	18.39		
15	QPSK	75	0	18.29	18.36	18.39		
15	16QAM	1	0	18.39	18.35	18.40	19.6	0
15	16QAM	1	37	18.36	18.40	18.31		
15	16QAM	1	74	18.19	18.28	18.35		
15	16QAM	36	0	18.18	18.34	18.33	19.6	0
15	16QAM	36	20	18.30	18.28	18.26		
15	16QAM	36	39	18.23	18.35	18.35		
15	16QAM	75	0	18.33	18.39	18.25		
15	64QAM	1	0	18.45	18.36	18.44	19.6	0
15	64QAM	1	37	18.32	18.36	18.35		
15	64QAM	1	74	18.28	18.30	18.23		
15	64QAM	36	0	18.26	18.37	18.31	19.6	0
15	64QAM	36	20	18.30	18.37	18.28		
15	64QAM	36	39	18.39	18.26	18.35		
15	64QAM	75	0	18.41	18.25	18.37		
15	256QAM	1	0	18.32	18.39	18.28	19.5	0.1
15	256QAM	1	37	18.23	18.16	18.24		
15	256QAM	1	74	18.03	18.16	18.13		
15	256QAM	36	0	18.16	18.35	18.21	19.5	0.1
15	256QAM	36	20	18.08	18.16	18.04		
15	256QAM	36	39	18.20	18.19	18.25		
15	256QAM	75	0	18.16	18.26	18.22		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.39	18.50	18.44	19.6	0
10	QPSK	1	25	18.38	18.41	18.40		
10	QPSK	1	49	18.31	18.38	18.39		
10	QPSK	25	0	18.30	18.47	18.41	19.6	0
10	QPSK	25	12	18.30	18.35	18.31		
10	QPSK	25	25	18.35	18.36	18.34		
10	QPSK	50	0	18.32	18.36	18.42		
10	16QAM	1	0	18.38	18.34	18.36	19.6	0
10	16QAM	1	25	18.30	18.34	18.33		
10	16QAM	1	49	18.17	18.30	18.39		
10	16QAM	25	0	18.21	18.38	18.42	19.6	0
10	16QAM	25	12	18.31	18.25	18.26		
10	16QAM	25	25	18.30	18.33	18.31		
10	16QAM	50	0	18.29	18.40	18.31		
10	64QAM	1	0	18.37	18.44	18.41	19.6	0
10	64QAM	1	25	18.35	18.27	18.26		
10	64QAM	1	49	18.20	18.33	18.30		
10	64QAM	25	0	18.19	18.28	18.37	19.6	0
10	64QAM	25	12	18.24	18.40	18.28		
10	64QAM	25	25	18.31	18.25	18.36		
10	64QAM	50	0	18.33	18.35	18.37		
10	256QAM	1	0	18.31	18.37	18.36	19.5	0.1
10	256QAM	1	25	18.23	18.25	18.23		
10	256QAM	1	49	18.06	18.09	18.19		
10	256QAM	25	0	18.23	18.38	18.32	19.5	0.1
10	256QAM	25	12	18.11	18.18	18.04		
10	256QAM	25	25	18.28	18.22	18.20		
10	256QAM	50	0	18.11	18.21	18.22		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.48	18.49	18.43	19.6	0
5	QPSK	1	12	18.39	18.40	18.45		
5	QPSK	1	24	18.32	18.32	18.35		
5	QPSK	12	0	18.28	18.39	18.38	19.6	0
5	QPSK	12	7	18.33	18.35	18.30		
5	QPSK	12	13	18.36	18.39	18.39		
5	QPSK	25	0	18.41	18.43	18.36		
5	16QAM	1	0	18.42	18.38	18.41	19.6	0
5	16QAM	1	12	18.30	18.29	18.32		
5	16QAM	1	24	18.28	18.27	18.40		
5	16QAM	12	0	18.28	18.43	18.42	19.6	0
5	16QAM	12	7	18.24	18.25	18.18		
5	16QAM	12	13	18.24	18.27	18.28		
5	16QAM	25	0	18.34	18.33	18.32		
5	64QAM	1	0	18.35	18.38	18.40	19.6	0
5	64QAM	1	12	18.26	18.32	18.27		
5	64QAM	1	24	18.27	18.33	18.26		
5	64QAM	12	0	18.26	18.32	18.30	19.6	0
5	64QAM	12	7	18.24	18.33	18.22		
5	64QAM	12	13	18.29	18.30	18.36		
5	64QAM	25	0	18.35	18.33	18.33		
5	256QAM	1	0	18.24	18.39	18.34	19.5	0.1
5	256QAM	1	12	18.13	18.18	18.26		
5	256QAM	1	24	18.11	18.18	18.15		
5	256QAM	12	0	18.25	18.31	18.24	19.5	0.1
5	256QAM	12	7	18.17	18.22	18.05		
5	256QAM	12	13	18.24	18.21	18.16		
5	256QAM	25	0	18.22	18.25	18.24		

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BW [MHz]	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	20.66	20.68	20.56		
20	QPSK	1	49	20.48	20.47	20.45	22	0
20	QPSK	1	99	20.54	20.53	20.48		
20	QPSK	50	0	20.55	20.62	20.56		
20	QPSK	50	24	20.48	20.54	20.47	22	0
20	QPSK	50	50	20.42	20.48	20.45		
20	QPSK	100	0	20.58	20.60	20.49		
20	16QAM	1	0	20.54	20.56	20.47		
20	16QAM	1	49	20.46	20.39	20.44	22	0
20	16QAM	1	99	20.36	20.52	20.38		
20	16QAM	50	0	20.50	20.49	20.58		
20	16QAM	50	24	20.38	20.41	20.34	22	0
20	16QAM	50	50	20.47	20.39	20.45		
20	16QAM	100	0	20.52	20.45	20.47		
20	64QAM	1	0	20.58	20.51	20.55		
20	64QAM	1	49	20.47	20.38	20.37	22	0
20	64QAM	1	99	20.41	20.54	20.34		
20	64QAM	50	0	19.62	19.54	19.68		
20	64QAM	50	24	19.39	19.60	19.41	21	1
20	64QAM	50	50	19.51	19.53	19.54		
20	64QAM	100	0	19.58	19.57	19.56		
20	256QAM	1	0	17.65	17.67	17.59		
20	256QAM	1	49	17.50	17.54	17.49	19	3
20	256QAM	1	99	17.55	17.54	17.48		
20	256QAM	50	0	17.57	17.58	17.58		
20	256QAM	50	24	17.37	17.47	17.42	19	3
20	256QAM	50	50	17.48	17.46	17.59		
20	256QAM	100	0	17.63	17.58	17.47		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.59	20.63	20.47		
15	QPSK	1	37	20.46	20.47	20.34	22	0
15	QPSK	1	74	20.54	20.48	20.46		
15	QPSK	36	0	20.51	20.51	20.46		
15	QPSK	36	20	20.37	20.43	20.42	22	0
15	QPSK	36	39	20.37	20.42	20.36		
15	QPSK	75	0	20.53	20.58	20.39		
15	16QAM	1	0	20.54	20.53	20.43		
15	16QAM	1	37	20.41	20.31	20.38	22	0
15	16QAM	1	74	20.34	20.43	20.37		
15	16QAM	36	0	20.45	20.39	20.49		
15	16QAM	36	20	20.33	20.39	20.27	22	0
15	16QAM	36	39	20.36	20.35	20.39		
15	16QAM	75	0	20.43	20.35	20.36		
15	64QAM	1	0	20.52	20.49	20.48		
15	64QAM	1	37	20.44	20.36	20.30	22	0
15	64QAM	1	74	20.40	20.52	20.25		
15	64QAM	36	0	19.60	19.49	19.65		
15	64QAM	36	20	19.29	19.53	19.40	21	1
15	64QAM	36	39	19.44	19.47	19.46		
15	64QAM	75	0	19.46	19.46	19.50		
15	256QAM	1	0	17.54	17.67	17.58		
15	256QAM	1	37	17.42	17.51	17.45	19	3
15	256QAM	1	74	17.46	17.54	17.48		
15	256QAM	36	0	17.46	17.57	17.56		
15	256QAM	36	20	17.27	17.41	17.40	19	3
15	256QAM	36	39	17.37	17.41	17.53		
15	256QAM	75	0	17.57	17.53	17.43		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.66	20.59	20.54		
10	QPSK	1	25	20.41	20.38	20.34	22	0
10	QPSK	1	49	20.46	20.45	20.39		
10	QPSK	25	0	20.53	20.57	20.56		
10	QPSK	25	12	20.39	20.42	20.43	22	0
10	QPSK	25	25	20.32	20.41	20.42		
10	QPSK	50	0	20.51	20.48	20.44		
10	16QAM	1	0	20.51	20.44	20.35		
10	16QAM	1	25	20.41	20.28	20.36	22	0
10	16QAM	1	49	20.32	20.41	20.32		
10	16QAM	25	0	20.40	20.48	20.54		
10	16QAM	25	12	20.28	20.40	20.24	22	0
10	16QAM	25	25	20.46	20.35	20.44		
10	16QAM	50	0	20.44	20.43	20.35		
10	64QAM	1	0	20.57	20.50	20.48		
10	64QAM	1	25	20.46	20.34	20.26	22	0
10	64QAM	1	49	20.30	20.45	20.22		
10	64QAM	25	0	19.53	19.44	19.56		
10	64QAM	25	12	19.28	19.60	19.39	21	1
10	64QAM	25	25	19.51	19.44	19.52		
10	64QAM	50	0	19.49	19.51	19.50		
10	256QAM	1	0	17.59	17.61	17.48		
10	256QAM	1	25	17.44	17.47	17.39	19	3
10	256QAM	1	49	17.54	17.45	17.46		
10	256QAM	25	0	17.51	17.49	17.56		
10	256QAM	25	12	17.35	17.46	17.39	19	3
10	256QAM	25	25	17.48	17.42	17.50		
10	256QAM	50	0	17.60	17.49	17.36		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.61	20.57	20.44		
5	QPSK	1	12	20.39	20.37	20.42	22	0
5	QPSK	1	24	20.45	20.50	20.43		
5	QPSK	12	0	20.45	20.50	20.53		
5	QPSK	12	7	20.41	20.47	20.45	22	0
5	QPSK	12	13	20.32	20.42	20.38		
5	QPSK	25	0	20.58	20.51	20.40		
5	16QAM	1	0	20.48	20.54	20.43		
5	16QAM	1	12	20.44	20.28	20.34	22	0
5	16QAM	1	24	20.34	20.42	20.31		
5	16QAM	12	0	20.40	20.39	20.53		
5	16QAM	12	7	20.28	20.40	20.29	22	0
5	16QAM	12	13	20.46	20.28	20.40		
5	16QAM	25	0	20.41	20.33	20.43		
5	64QAM	1	0	20.47	20.41	20.53		
5	64QAM	1	12	20.37	20.36	20.34	22	0
5	64QAM	1	24	20.36	20.52	20.26		
5	64QAM	12	0	19.53	19.49	19.58		
5	64QAM	12	7	19.38	19.53	19.34	21	1
5	64QAM	12	13	19.50	19.42	19.42		
5	64QAM	25	0	19.53	19.49	19.51		
5	256QAM	1	0	17.55	17.65	17.52		
5	256QAM	1	12	17.42	17.49	17.40	19	3
5	256QAM	1	24	17.51	17.49	17.43		
5	256QAM	12	0	17.51	17.50	17.48		
5	256QAM	12	7	17.33	17.37	17.40	19	3
5	256QAM	12	13	17.38	17.43	17.49		
5	256QAM	25	0	17.54	17.46	17.45		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.29	22.39	22.34		
20	QPSK	1	49	22.15	22.24	22.17	23.6	0
20	QPSK	1	99	22.23	22.25	22.26		
20	QPSK	50	0	22.33	22.35	22.22		
20	QPSK	50	24	22.23	22.16	22.26	23.6	0
20	QPSK	50	50	22.22	22.24	22.23		
20	QPSK	100	0	22.31	22.33	22.23		
20	16QAM	1	0	22.25	22.26	22.29		
20	16QAM	1	49	22.02	22.07	22.12	23.6	0
20	16QAM	1	99	22.08	22.21	22.16		
20	16QAM	50	0	22.26	22.24	22.19		
20	16QAM	50	24	22.15	22.18	22.12	23.6	0
20	16QAM	50	50	22.16	22.06	22.22		
20	16QAM	100	0	22.16	22.29	22.21		
20	64QAM	1	0	22.27	22.28	22.21		
20	64QAM	1	49	22.05	22.08	22.20	23.6	0
20	64QAM	1	99	22.03	22.21	22.26		
20	64QAM	50	0	22.21	22.17	22.15		
20	64QAM	50	24	22.18	22.07	22.03	23.6	0
20	64QAM	50	50	22.12	22.17	22.18		
20	64QAM	100	0	22.12	22.20	22.16		
20	256QAM	1	0	20.45	20.51	20.44		
20	256QAM	1	49	20.23	20.35	20.32	22	1.6
20	256QAM	1	99	20.35	20.24	20.36		
20	256QAM	50	0	20.49	20.51	20.31		
20	256QAM	50	24	20.22	20.33	20.24	22	1.6
20	256QAM	50	50	20.30	20.30	20.26		
20	256QAM	100	0	20.41	20.38	20.42		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.23	22.28	22.29		
15	QPSK	1	37	22.11	22.17	22.13	23.6	0
15	QPSK	1	74	22.19	22.16	22.23		
15	QPSK	36	0	22.22	22.23	22.08		
15	QPSK	36	20	22.13	22.09	22.13	23.6	0
15	QPSK	36	39	22.11	22.15	22.16		
15	QPSK	75	0	22.18	22.25	22.14		
15	16QAM	1	0	22.18	22.17	22.19		
15	16QAM	1	37	21.95	21.95	22.02	23.6	0
15	16QAM	1	74	22.02	22.15	22.02		
15	16QAM	36	0	22.12	22.18	22.08		
15	16QAM	36	20	22.10	22.05	22.03	23.6	0
15	16QAM	36	39	22.13	21.93	22.10		
15	16QAM	75	0	22.04	22.20	22.17		
15	64QAM	1	0	22.22	22.19	22.19		
15	64QAM	1	37	21.98	21.97	22.08	23.6	0
15	64QAM	1	74	21.96	22.14	22.15		
15	64QAM	36	0	22.18	22.11	22.13		
15	64QAM	36	20	22.08	21.97	21.99	23.6	0
15	64QAM	36	39	22.03	22.10	22.11		
15	64QAM	75	0	22.07	22.08	22.14		
15	256QAM	1	0	20.36	20.47	20.30		
15	256QAM	1	37	20.19	20.31	20.26	22	1.6
15	256QAM	1	74	20.26	20.10	20.27		
15	256QAM	36	0	20.45	20.47	20.20		
15	256QAM	36	20	20.20	20.22	20.18	22	1.6
15	256QAM	36	39	20.24	20.25	20.17		
15	256QAM	75	0	20.27	20.34	20.30		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.17	22.25	22.28		
10	QPSK	1	25	22.03	22.10	22.14	23.6	0
10	QPSK	1	49	22.19	22.22	22.12		
10	QPSK	25	0	22.26	22.29	22.13		
10	QPSK	25	12	22.18	22.09	22.17	23.6	0
10	QPSK	25	25	22.11	22.22	22.09		
10	QPSK	50	0	22.18	22.20	22.13		
10	16QAM	1	0	22.21	22.20	22.15		
10	16QAM	1	25	21.94	21.95	22.03	23.6	0
10	16QAM	1	49	22.06	22.11	22.03		
10	16QAM	25	0	22.19	22.19	22.05		
10	16QAM	25	12	22.08	22.07	22.09	23.6	0
10	16QAM	25	25	22.12	22.04	22.12		
10	16QAM	50	0	22.11	22.21	22.15		
10	64QAM	1	0	22.20	22.15	22.08		
10	64QAM	1	25	21.99	21.99	22.07	23.6	0
10	64QAM	1	49	21.90	22.17	22.23		
10	64QAM	25	0	22.11	22.08	22.05		
10	64QAM	25	12	22.10	21.99	21.97	23.6	0
10	64QAM	25	25	22.00	22.04	22.13		
10	64QAM	50	0	22.08	22.13	22.10		
10	256QAM	1	0	20.36	20.38	20.31		
10	256QAM	1	25	20.12	20.31	20.23	22	1.6
10	256QAM	1	49	20.25	20.13	20.28		
10	256QAM	25	0	20.35	20.45	20.28		
10	256QAM	25	12	20.17	20.25	20.17	22	1.6
10	256QAM	25	25	20.16	20.23	20.13		
10	256QAM	50	0	20.31	20.35	20.34		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.25	22.28	22.22		
5	QPSK	1	12	22.10	22.15	22.11	23.6	0
5	QPSK	1	24	22.17	22.21	22.18		
5	QPSK	12	0	22.22	22.26	22.14		
5	QPSK	12	7	22.16	22.08	22.20	23.6	0
5	QPSK	12	13	22.15	22.13	22.18		
5	QPSK	25	0	22.26	22.30	22.14		
5	16QAM	1	0	22.22	22.15	22.19		
5	16QAM	1	12	21.95	22.02	22.06	23.6	0
5	16QAM	1	24	22.01	22.08	22.08		
5	16QAM	12	0	22.19	22.20	22.14		
5	16QAM	12	7	22.08	22.11	22.05	23.6	0
5	16QAM	12	13	22.13	21.97	22.12		
5	16QAM	25	0	22.04	22.26	22.15		
5	64QAM	1	0	22.14	22.16	22.10		
5	64QAM	1	12	21.98	21.98	22.12	23.6	0
5	64QAM	1	24	21.98	22.13	22.21		
5	64QAM	12	0	22.10	22.10	22.08		
5	64QAM	12	7	22.13	22.03	21.96	23.6	0
5	64QAM	12	13	22.10	22.10	22.13		
5	64QAM	25	0	22.01	22.09	22.06		
5	256QAM	1	0	20.41	20.39	20.30		
5	256QAM	1	12	20.15	20.22	20.29	22	1.6
5	256QAM	1	24	20.32	20.12	20.30		
5	256QAM	12	0	20.47	20.49	20.21		
5	256QAM	12	7	20.16	20.25	20.12	22	1.6
5	256QAM	12	13	20.25	20.19	20.23		
5	256QAM	25	0	20.28	20.32	20.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.62	20.66	20.70	20.65	20.68		
20	QPSK	1	49	20.50	20.54	20.59	20.52	20.56	22	0
20	QPSK	1	99	20.48	20.57	20.57	20.53	20.55		
20	QPSK	50	0	20.60	20.63	20.64	20.64	20.62		
20	QPSK	50	24	20.50	20.50	20.57	20.56	20.52	22	0
20	QPSK	50	50	20.54	20.50	20.53	20.55	20.58		
20	QPSK	100	0	20.53	20.62	20.62	20.58	20.60		
20	16QAM	1	0	20.60	20.61	20.59	20.58	20.64		
20	16QAM	1	49	20.41	20.49	20.47	20.48	20.44	22	0
20	16QAM	1	99	20.36	20.47	20.55	20.46	20.54		
20	16QAM	50	0	20.56	20.59	20.58	20.63	20.53		
20	16QAM	50	24	20.40	20.41	20.52	20.45	20.49	22	0
20	16QAM	50	50	20.53	20.47	20.50	20.47	20.46		
20	16QAM	100	0	20.47	20.58	20.55	20.51	20.54		
20	64QAM	1	0	20.51	20.64	20.58	20.63	20.61		
20	64QAM	1	49	20.38	20.49	20.49	20.45	20.49	22	0
20	64QAM	1	99	20.37	20.49	20.56	20.42	20.50		
20	64QAM	50	0	19.57	19.69	19.66	19.71	19.68		
20	64QAM	50	24	19.47	19.49	19.61	19.47	19.52	21	1
20	64QAM	50	50	19.46	19.53	19.62	19.54	19.60		
20	64QAM	100	0	19.56	19.63	19.64	19.66	19.61		
20	256QAM	1	0	17.62	17.68	17.67	17.68	17.67		
20	256QAM	1	49	17.55	17.53	17.55	17.53	17.58	19	3
20	256QAM	1	99	17.43	17.59	17.57	17.53	17.60		
20	256QAM	50	0	17.60	17.66	17.68	17.60	17.64		
20	256QAM	50	24	17.49	17.48	17.53	17.51	17.50	19	3
20	256QAM	50	50	17.56	17.55	17.51	17.61	17.62		
20	256QAM	100	0	17.57	17.64	17.67	17.56	17.65		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.51	20.65	20.62	20.64	20.57		
15	QPSK	1	37	20.46	20.53	20.54	20.43	20.47	22	0
15	QPSK	1	74	20.37	20.52	20.45	20.51	20.49		
15	QPSK	36	0	20.48	20.53	20.61	20.54	20.59		
15	QPSK	36	20	20.42	20.40	20.46	20.50	20.49	22	0
15	QPSK	36	39	20.45	20.40	20.52	20.44	20.54		
15	QPSK	75	0	20.43	20.58	20.55	20.53	20.50		
15	16QAM	1	0	20.49	20.55	20.55	20.58	20.59		
15	16QAM	1	37	20.41	20.39	20.47	20.37	20.33	22	0
15	16QAM	1	74	20.26	20.38	20.44	20.40	20.49		
15	16QAM	36	0	20.48	20.49	20.56	20.59	20.45		
15	16QAM	36	20	20.36	20.36	20.45	20.39	20.40	22	0
15	16QAM	36	39	20.50	20.36	20.49	20.43	20.34		
15	16QAM	75	0	20.45	20.48	20.49	20.39	20.49		
15	64QAM	1	0	20.39	20.59	20.52	20.54	20.54		
15	64QAM	1	37	20.28	20.48	20.42	20.38	20.48	22	0
15	64QAM	1	74	20.29	20.46	20.53	20.38	20.41		
15	64QAM	36	0	19.50	19.58	19.62	19.69	19.65		
15	64QAM	36	20	19.36	19.39	19.58	19.40	19.41	21	1
15	64QAM	36	39	19.44	19.50	19.57	19.53	19.58		
15	64QAM	75	0	19.53	19.57	19.55	19.54	19.56		
15	256QAM	1	0	17.56	17.59	17.56	17.63	17.64		
15	256QAM	1	37	17.53	17.47	17.53	17.47	17.55	19	3
15	256QAM	1	74	17.31	17.54	17.54	17.50	17.55		
15	256QAM	36	0	17.58	17.65	17.68	17.56	17.62		
15	256QAM	36	20	17.42	17.39	17.47	17.49	17.41	19	3
15	256QAM	36	39	17.46	17.50	17.43	17.58	17.60		
15	256QAM	75	0	17.55	17.53	17.57	17.45	17.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.50	20.65	20.60	20.54	20.65		
10	QPSK	1	25	20.43	20.48	20.54	20.45	20.53	22	0
10	QPSK	1	49	20.40	20.49	20.56	20.46	20.55		
10	QPSK	25	0	20.58	20.56	20.61	20.64	20.61		
10	QPSK	25	12	20.47	20.39	20.54	20.50	20.47	22	0
10	QPSK	25	25	20.50	20.50	20.43	20.54	20.54		
10	QPSK	50	0	20.45	20.53	20.53	20.53	20.51		
10	16QAM	1	0	20.58	20.56	20.58	20.55	20.63		
10	16QAM	1	25	20.34	20.49	20.46	20.42	20.34	22	0
10	16QAM	1	49	20.31	20.38	20.48	20.40	20.49		
10	16QAM	25	0	20.51	20.58	20.57	20.60	20.47		
10	16QAM	25	12	20.34	20.34	20.43	20.45	20.43	22	0
10	16QAM	25	25	20.53	20.36	20.43	20.41	20.41		
10	16QAM	50	0	20.35	20.49	20.53	20.44	20.51		
10	64QAM	1	0	20.45	20.61	20.56	20.61	20.51		
10	64QAM	1	25	20.28	20.40	20.38	20.35	20.39	22	0
10	64QAM	1	49	20.32	20.42	20.45	20.35	20.39		
10	64QAM	25	0	19.48	19.60	19.57	19.61	19.58		
10	64QAM	25	12	19.43	19.46	19.60	19.39	19.46	21	1
10	64QAM	25	25	19.34	19.50	19.58	19.52	19.56		
10	64QAM	50	0	19.51	19.53	19.56	19.61	19.58		
10	256QAM	1	0	17.62	17.60	17.59	17.67	17.64		
10	256QAM	1	25	17.53	17.49	17.43	17.44	17.49	19	3
10	256QAM	1	49	17.38	17.53	17.54	17.44	17.49		
10	256QAM	25	0	17.60	17.64	17.60	17.49	17.59		
10	256QAM	25	12	17.37	17.38	17.45	17.49	17.44	19	3
10	256QAM	25	25	17.55	17.51	17.50	17.53	17.53		
10	256QAM	50	0	17.53	17.55	17.67	17.48	17.57		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.59	20.55	20.65	20.57	20.60		
5	QPSK	1	12	20.41	20.46	20.58	20.47	20.47	22	0
5	QPSK	1	24	20.38	20.53	20.48	20.43	20.54		
5	QPSK	12	0	20.49	20.62	20.57	20.53	20.58		
5	QPSK	12	7	20.42	20.43	20.52	20.51	20.47	22	0
5	QPSK	12	13	20.45	20.39	20.50	20.44	20.53		
5	QPSK	25	0	20.51	20.59	20.56	20.48	20.53		
5	16QAM	1	0	20.49	20.57	20.50	20.51	20.58		
5	16QAM	1	12	20.38	20.45	20.42	20.46	20.32	22	0
5	16QAM	1	24	20.32	20.41	20.43	20.40	20.45		
5	16QAM	12	0	20.46	20.55	20.56	20.56	20.51		
5	16QAM	12	7	20.37	20.36	20.45	20.41	20.41	22	0
5	16QAM	12	13	20.49	20.46	20.39	20.36	20.43		
5	16QAM	25	0	20.44	20.53	20.48	20.44	20.43		
5	64QAM	1	0	20.50	20.58	20.48	20.62	20.58		
5	64QAM	1	12	20.36	20.47	20.38	20.44	20.41	22	0
5	64QAM	1	24	20.31	20.49	20.44	20.37	20.49		
5	64QAM	12	0	19.56	19.58	19.63	19.59	19.61		
5	64QAM	12	7	19.46	19.44	19.56	19.46	19.49	21	1
5	64QAM	12	13	19.38	19.48	19.60	19.43	19.49		
5	64QAM	25	0	19.53	19.62	19.60	19.56	19.58		
5	256QAM	1	0	17.61	17.57	17.58	17.56	17.58		
5	256QAM	1	12	17.52	17.46	17.48	17.45	17.52	19	3
5	256QAM	1	24	17.37	17.47	17.50	17.45	17.57		
5	256QAM	12	0	17.50	17.64	17.66	17.55	17.56		
5	256QAM	12	7	17.42	17.38	17.51	17.42	17.48	19	3
5	256QAM	12	13	17.53	17.49	17.50	17.60	17.61		
5	256QAM	25	0	17.47	17.56	17.67	17.46	17.60		

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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	22.40	22.39	22.44	22.42	22.36		
20	QPSK	1	49	22.22	22.23	22.27	22.30	22.21	23.6	0
20	QPSK	1	99	22.31	22.30	22.29	22.32	22.20		
20	QPSK	50	0	22.32	22.38	22.41	22.32	22.26		
20	QPSK	50	24	22.30	22.28	22.28	22.29	22.28	23.6	0
20	QPSK	50	50	22.33	22.26	22.32	22.31	22.19		
20	QPSK	100	0	22.30	22.37	22.40	22.33	22.35		
20	16QAM	1	0	22.36	22.30	22.38	22.37	22.22		
20	16QAM	1	49	22.15	22.12	22.20	22.25	22.15	23.6	0
20	16QAM	1	99	22.26	22.21	22.26	22.30	22.12		
20	16QAM	50	0	22.29	22.30	22.35	22.28	22.24		
20	16QAM	50	24	22.25	22.26	22.22	22.22	22.17	23.6	0
20	16QAM	50	50	22.25	22.21	22.19	22.29	22.10		
20	16QAM	100	0	22.25	22.24	22.36	22.30	22.25		
20	64QAM	1	0	22.33	22.35	22.31	22.35	22.34		
20	64QAM	1	49	22.08	22.11	22.19	22.24	22.13	23.6	0
20	64QAM	1	99	22.21	22.17	22.25	22.28	22.06		
20	64QAM	50	0	22.22	22.28	22.29	22.28	22.12		
20	64QAM	50	24	22.20	22.24	22.20	22.16	22.20	23.6	0
20	64QAM	50	50	22.28	22.15	22.22	22.21	22.10		
20	64QAM	100	0	22.21	22.26	22.32	22.29	22.32		
20	256QAM	1	0	20.53	20.54	20.56	20.47	20.45		
20	256QAM	1	49	20.28	20.35	20.39	20.41	20.31	22	1.6
20	256QAM	1	99	20.39	20.46	20.34	20.47	20.35		
20	256QAM	50	0	20.44	20.52	20.55	20.37	20.39		
20	256QAM	50	24	20.39	20.36	20.42	20.36	20.37	22	1.6
20	256QAM	50	50	20.48	20.37	20.37	20.40	20.34		
20	256QAM	100	0	20.35	20.48	20.51	20.44	20.43		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.36	22.28	22.39	22.39	22.33		
15	QPSK	1	37	22.15	22.14	22.20	22.23	22.10	23.6	0
15	QPSK	1	74	22.28	22.21	22.20	22.21	22.09		
15	QPSK	36	0	22.20	22.30	22.30	22.26	22.12		
15	QPSK	36	20	22.19	22.24	22.22	22.26	22.25	23.6	0
15	QPSK	36	39	22.25	22.15	22.28	22.18	22.05		
15	QPSK	75	0	22.23	22.24	22.30	22.27	22.28		
15	16QAM	1	0	22.26	22.25	22.31	22.24	22.15		
15	16QAM	1	37	22.12	22.01	22.08	22.16	22.04	23.6	0
15	16QAM	1	74	22.19	22.15	22.12	22.23	22.09		
15	16QAM	36	0	22.17	22.19	22.22	22.23	22.20		
15	16QAM	36	20	22.17	22.15	22.15	22.15	22.11	23.6	0
15	16QAM	36	39	22.17	22.12	22.14	22.17	22.02		
15	16QAM	75	0	22.20	22.18	22.33	22.24	22.18		
15	64QAM	1	0	22.29	22.23	22.18	22.22	22.22		
15	64QAM	1	37	22.05	22.03	22.07	22.20	21.99	23.6	0
15	64QAM	1	74	22.09	22.04	22.12	22.25	21.99		
15	64QAM	36	0	22.18	22.23	22.22	22.15	22.00		
15	64QAM	36	20	22.10	22.16	22.08	22.11	22.09	23.6	0
15	64QAM	36	39	22.14	22.11	22.17	22.14	22.02		
15	64QAM	75	0	22.09	22.24	22.29	22.17	22.21		
15	256QAM	1	0	20.41	20.46	20.51	20.37	20.33		
15	256QAM	1	37	20.24	20.22	20.26	20.38	20.26	22	1.6
15	256QAM	1	74	20.34	20.43	20.22	20.35	20.25		
15	256QAM	36	0	20.37	20.41	20.53	20.31	20.34		
15	256QAM	36	20	20.34	20.22	20.37	20.25	20.35	22	1.6
15	256QAM	36	39	20.41	20.26	20.24	20.36	20.26		
15	256QAM	75	0	20.23	20.35	20.47	20.40	20.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.33	22.33	22.37	22.32	22.22		
10	QPSK	1	25	22.13	22.15	22.14	22.22	22.14	23.6	0
10	QPSK	1	49	22.28	22.19	22.16	22.28	22.11		
10	QPSK	25	0	22.24	22.34	22.28	22.28	22.15		
10	QPSK	25	12	22.19	22.25	22.25	22.17	22.24	23.6	0
10	QPSK	25	25	22.27	22.18	22.28	22.26	22.07		
10	QPSK	50	0	22.22	22.33	22.32	22.30	22.24		
10	16QAM	1	0	22.28	22.17	22.31	22.29	22.13		
10	16QAM	1	25	22.06	22.00	22.08	22.17	22.10	23.6	0
10	16QAM	1	49	22.16	22.10	22.14	22.22	22.08		
10	16QAM	25	0	22.24	22.17	22.25	22.19	22.15		
10	16QAM	25	12	22.20	22.22	22.08	22.10	22.08	23.6	0
10	16QAM	25	25	22.14	22.14	22.11	22.19	22.07		
10	16QAM	50	0	22.21	22.19	22.23	22.24	22.14		
10	64QAM	1	0	22.21	22.32	22.19	22.24	22.27		
10	64QAM	1	25	21.94	22.04	22.07	22.19	22.05	23.6	0
10	64QAM	1	49	22.16	22.12	22.19	22.18	21.92		
10	64QAM	25	0	22.16	22.18	22.23	22.15	21.99		
10	64QAM	25	12	22.17	22.13	22.12	22.12	22.16	23.6	0
10	64QAM	25	25	22.16	22.11	22.10	22.15	21.98		
10	64QAM	50	0	22.18	22.23	22.30	22.27	22.30		
10	256QAM	1	0	20.46	20.43	20.45	20.37	20.31		
10	256QAM	1	25	20.20	20.29	20.31	20.30	20.28	22	1.6
10	256QAM	1	49	20.33	20.39	20.22	20.42	20.30		
10	256QAM	25	0	20.41	20.40	20.42	20.27	20.35		
10	256QAM	25	12	20.32	20.32	20.35	20.30	20.30	22	1.6
10	256QAM	25	25	20.44	20.23	20.26	20.35	20.26		
10	256QAM	50	0	20.26	20.41	20.47	20.41	20.38		
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	22.33	22.27	22.38	22.34	22.22		
5	QPSK	1	12	22.17	22.13	22.13	22.27	22.13	23.6	0
5	QPSK	1	24	22.27	22.20	22.26	22.25	22.14		
5	QPSK	12	0	22.28	22.35	22.28	22.23	22.22		
5	QPSK	12	7	22.23	22.17	22.19	22.25	22.17	23.6	0
5	QPSK	12	13	22.20	22.19	22.21	22.25	22.13		
5	QPSK	25	0	22.26	22.30	22.35	22.19	22.30		
5	16QAM	1	0	22.22	22.16	22.27	22.32	22.19		
5	16QAM	1	12	22.10	22.01	22.17	22.20	22.02	23.6	0
5	16QAM	1	24	22.21	22.10	22.14	22.25	22.09		
5	16QAM	12	0	22.24	22.27	22.29	22.25	22.14		
5	16QAM	12	7	22.19	22.21	22.14	22.09	22.04	23.6	0
5	16QAM	12	13	22.18	22.17	22.12	22.26	21.98		
5	16QAM	25	0	22.13	22.16	22.33	22.20	22.20		
5	64QAM	1	0	22.27	22.24	22.28	22.22	22.26		
5	64QAM	1	12	22.04	22.05	22.09	22.11	22.02	23.6	0
5	64QAM	1	24	22.14	22.10	22.15	22.19	21.93		
5	64QAM	12	0	22.09	22.24	22.21	22.24	22.10		
5	64QAM	12	7	22.16	22.21	22.17	22.10	22.14	23.6	0
5	64QAM	12	13	22.25	22.08	22.19	22.07	22.05		
5	64QAM	25	0	22.16	22.23	22.23	22.19	22.22		
5	256QAM	1	0	20.46	20.50	20.47	20.37	20.36		
5	256QAM	1	12	20.19	20.32	20.34	20.35	20.19	22	1.6
5	256QAM	1	24	20.27	20.38	20.21	20.45	20.31		
5	256QAM	12	0	20.36	20.48	20.48	20.32	20.30		
5	256QAM	12	7	20.29	20.23	20.36	20.30	20.32	22	1.6
5	256QAM	12	13	20.44	20.25	20.27	20.32	20.25		
5	256QAM	25	0	20.21	20.35	20.44	20.42	20.38		

Reduced Power Mode for DSI4

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	32.09	32.26	32.52	33.50	23.09	23.26	23.52	24.50
GPRS 1 Tx slot	32.08	32.24	32.50	33.50	23.08	23.24	23.50	24.50
GPRS 2 Tx slots	29.98	30.29	30.39	31.00	23.98	24.29	24.39	25.00
GPRS 3 Tx slots	28.41	28.74	28.85	30.00	24.15	24.48	24.59	25.74
GPRS 4 Tx slots	26.94	27.09	27.40	28.00	23.94	24.09	24.40	25.00
EDGE 1 Tx slot	26.74	26.80	26.62	28.00	17.74	17.80	17.62	19.00
EDGE 2 Tx slots	25.52	25.52	25.41	26.50	19.52	19.52	19.41	20.50
EDGE 3 Tx slots	24.16	24.15	24.00	25.00	19.90	19.89	19.74	20.74
EDGE 4 Tx slots	22.12	22.22	22.13	23.00	19.12	19.22	19.13	20.00

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	22.16	22.25	22.13	24.00
3GPP Rel 99	RMC 12.2Kbps	22.28	22.32	22.18	24.00
3GPP Rel 6	HSDPA Subtest-1	21.25	21.31	21.23	23.00
3GPP Rel 6	HSDPA Subtest-2	21.34	21.28	21.18	23.00
3GPP Rel 6	HSDPA Subtest-3	20.78	20.76	20.74	22.50
3GPP Rel 6	HSDPA Subtest-4	20.78	20.82	20.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.30	21.34	21.16	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.26	21.37	21.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.74	20.80	20.65	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.79	20.78	20.69	22.50
3GPP Rel 6	HSUPA Subtest-1	21.27	21.28	21.14	23.00
3GPP Rel 6	HSUPA Subtest-2	19.22	19.29	19.16	21.00
3GPP Rel 6	HSUPA Subtest-3	20.32	20.33	20.13	22.00
3GPP Rel 6	HSUPA Subtest-4	19.29	19.26	19.20	21.00
3GPP Rel 6	HSUPA Subtest-5	21.33	21.30	21.19	23.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.70	22.75	22.68		
10	QPSK	1	25	22.57	22.69	22.61	24	0
10	QPSK	1	49	22.57	22.65	22.59		
10	QPSK	25	0	21.75	21.78	21.68		
10	QPSK	25	12	21.59	21.73	21.63	23	1
10	QPSK	25	25	21.55	21.61	21.60		
10	QPSK	50	0	21.67	21.73	21.67		
10	16QAM	1	0	21.64	21.71	21.62		
10	16QAM	1	25	21.44	21.66	21.49	23	1
10	16QAM	1	49	21.52	21.48	21.47		
10	16QAM	25	0	20.77	20.75	20.72		
10	16QAM	25	12	20.62	20.74	20.64	22	2
10	16QAM	25	25	20.52	20.64	20.54		
10	16QAM	50	0	20.73	20.75	20.63		
10	64QAM	1	0	20.61	20.70	20.67		
10	64QAM	1	25	20.40	20.70	20.50	22	2
10	64QAM	1	49	20.51	20.44	20.46		
10	64QAM	25	0	19.73	19.79	19.64		
10	64QAM	25	12	19.63	19.75	19.62	21	3
10	64QAM	25	25	19.55	19.56	19.55		
10	64QAM	50	0	19.65	19.71	19.63		
10	256QAM	1	0	17.81	17.74	17.69		
10	256QAM	1	25	17.63	17.68	17.65	19	5
10	256QAM	1	49	17.53	17.67	17.63		
10	256QAM	25	0	17.63	17.81	17.67		
10	256QAM	25	12	17.60	17.68	17.62	19	5
10	256QAM	25	25	17.45	17.63	17.49		
10	256QAM	50	0	17.55	17.44	17.45		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.57	22.71	22.53		
5	QPSK	1	12	22.48	22.57	22.50	24	0
5	QPSK	1	24	22.51	22.53	22.50		
5	QPSK	12	0	21.63	21.72	21.55		
5	QPSK	12	7	21.46	21.66	21.52	23	1
5	QPSK	12	13	21.46	21.56	21.54		
5	QPSK	25	0	21.55	21.66	21.59		
5	16QAM	1	0	21.61	21.67	21.49		
5	16QAM	1	12	21.37	21.60	21.41	23	1
5	16QAM	1	24	21.48	21.35	21.39		
5	16QAM	12	0	20.71	20.61	20.62		
5	16QAM	12	7	20.51	20.64	20.50	22	2
5	16QAM	12	13	20.39	20.54	20.46		
5	16QAM	25	0	20.67	20.67	20.56		
5	64QAM	1	0	20.53	20.60	20.63		
5	64QAM	1	12	20.27	20.61	20.43	22	2
5	64QAM	1	24	20.45	20.30	20.40		
5	64QAM	12	0	19.65	19.69	19.50		
5	64QAM	12	7	19.53	19.67	19.55	21	3
5	64QAM	12	13	19.45	19.53	19.45		
5	64QAM	25	0	19.56	19.66	19.55		
5	256QAM	1	0	17.73	17.59	17.57		
5	256QAM	1	12	17.54	17.62	17.58	19	5
5	256QAM	1	24	17.39	17.61	17.59		
5	256QAM	12	0	17.58	17.70	17.56		
5	256QAM	12	7	17.56	17.62	17.53	19	5
5	256QAM	12	13	17.36	17.53	17.42		
5	256QAM	25	0	17.43	17.38	17.38		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.64	22.66	22.61		
3	QPSK	1	8	22.48	22.59	22.47	24	0
3	QPSK	1	14	22.47	22.54	22.51		
3	QPSK	8	0	21.61	21.74	21.61		
3	QPSK	8	4	21.51	21.61	21.53	23	1
3	QPSK	8	7	21.43	21.48	21.49		
3	QPSK	15	0	21.64	21.68	21.57		
3	16QAM	1	0	21.56	21.62	21.57		
3	16QAM	1	8	21.31	21.60	21.34	23	1
3	16QAM	1	14	21.42	21.41	21.42		
3	16QAM	8	0	20.69	20.71	20.65		
3	16QAM	8	4	20.47	20.64	20.53	22	2
3	16QAM	8	7	20.41	20.55	20.47		
3	16QAM	15	0	20.67	20.71	20.60		
3	64QAM	1	0	20.58	20.57	20.53		
3	64QAM	1	8	20.33	20.57	20.35	22	2
3	64QAM	1	14	20.46	20.33	20.36		
3	64QAM	8	0	19.68	19.70	19.56		
3	64QAM	8	4	19.51	19.66	19.53	21	3
3	64QAM	8	7	19.42	19.52	19.42		
3	64QAM	15	0	19.58	19.59	19.48		
3	256QAM	1	0	17.73	17.79	17.56		
3	256QAM	1	8	17.49	17.65	17.60	19	5
3	256QAM	1	14	17.38	17.54	17.58		
3	256QAM	8	0	17.59	17.72	17.60		
3	256QAM	8	4	17.53	17.61	17.57	19	5
3	256QAM	8	7	17.36	17.59	17.44		
3	256QAM	15	0	17.43	17.38	17.35		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.56	22.62	22.61		
1.4	QPSK	1	3	22.46	22.64	22.49		
1.4	QPSK	1	5	22.45	22.57	22.56	24	0
1.4	QPSK	3	0	22.43	22.54	22.46		
1.4	QPSK	3	1	22.37	22.55	22.44		
1.4	QPSK	3	3	22.30	22.49	22.45		
1.4	QPSK	6	0	21.62	21.69	21.56	23	1
1.4	16QAM	1	0	21.55	21.65	21.51		
1.4	16QAM	1	3	21.31	21.61	21.36		
1.4	16QAM	1	5	21.45	21.34	21.38	23	1
1.4	16QAM	3	0	21.55	21.62	21.43		
1.4	16QAM	3	1	21.44	21.54	21.46		
1.4	16QAM	3	3	21.25	21.51	21.32		
1.4	16QAM	6	0	20.59	20.64	20.57	22	2
1.4	64QAM	1	0	20.53	20.66	20.56		
1.4	64QAM	1	3	20.29	20.59	20.42	22	2
1.4	64QAM	1	5	20.45	20.39	20.33		
1.4	64QAM	3	0	20.44	20.59	20.43		
1.4	64QAM	3	1	20.40	20.57	20.53		
1.4	64QAM	3	3	20.23	20.50	20.39		
1.4	64QAM	6	0	19.57	19.63	19.55	21	3
1.4	256QAM	1	0	17.73	17.66	17.57		
1.4	256QAM	1	3	17.59	17.64	17.58		
1.4	256QAM	1	5	17.43	17.56	17.59	19	5
1.4	256QAM	3	0	17.53	17.72	17.59		
1.4	256QAM	3	1	17.53	17.64	17.56		
1.4	256QAM	3	3	17.39	17.50	17.40		
1.4	256QAM	6	0	17.41	17.36	17.34	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.90	20.94	20.89		
20	QPSK	1	49	20.86	20.89	20.85	22.5	0
20	QPSK	1	99	20.82	20.79	20.76		
20	QPSK	50	0	19.93	19.96	19.84		
20	QPSK	50	24	19.86	19.92	19.82	21.5	1
20	QPSK	50	50	19.76	19.80	19.72		
20	QPSK	100	0	19.90	19.92	19.89		
20	16QAM	1	0	19.88	19.90	19.70		
20	16QAM	1	49	19.73	19.79	19.71	21.5	1
20	16QAM	1	99	19.71	19.65	19.57		
20	16QAM	50	0	18.98	18.91	18.82		
20	16QAM	50	24	18.90	18.92	18.78	20.5	2
20	16QAM	50	50	18.77	18.77	18.72		
20	16QAM	100	0	18.87	18.98	18.95		
20	64QAM	1	0	18.88	18.88	18.74		
20	64QAM	1	49	18.73	18.78	18.70	20.5	2
20	64QAM	1	99	18.76	18.65	18.60		
20	64QAM	50	0	17.89	17.93	17.82		
20	64QAM	50	24	17.86	17.88	17.88	19.5	3
20	64QAM	50	50	17.75	17.76	17.72		
20	64QAM	100	0	17.95	17.93	17.85		
20	256QAM	1	0	15.98	15.99	15.79		
20	256QAM	1	49	15.82	15.90	15.87	17.5	5
20	256QAM	1	99	15.79	15.75	15.69		
20	256QAM	50	0	15.92	15.90	15.83		
20	256QAM	50	24	15.88	15.96	15.69	17.5	5
20	256QAM	50	50	15.71	15.80	15.75		
20	256QAM	100	0	15.75	15.65	15.60		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.79	20.86	20.78		
15	QPSK	1	37	20.78	20.85	20.80	22.5	0
15	QPSK	1	74	20.71	20.75	20.67		
15	QPSK	36	0	19.88	19.92	19.79		
15	QPSK	36	20	19.74	19.81	19.74	21.5	1
15	QPSK	36	39	19.67	19.69	19.66		
15	QPSK	75	0	19.77	19.85	19.85		
15	16QAM	1	0	19.79	19.80	19.65		
15	16QAM	1	37	19.65	19.72	19.65	21.5	1
15	16QAM	1	74	19.68	19.52	19.66		
15	16QAM	36	0	18.86	18.83	18.68		
15	16QAM	36	20	18.82	18.87	18.73	20.5	2
15	16QAM	36	39	18.69	18.65	18.68		
15	16QAM	75	0	18.76	18.84	18.85		
15	64QAM	1	0	18.78	18.80	18.66		
15	64QAM	1	37	18.58	18.64	18.57	20.5	2
15	64QAM	1	74	18.63	18.56	18.55		
15	64QAM	36	0	17.83	17.86	17.77		
15	64QAM	36	20	17.77	17.74	17.79	19.5	3
15	64QAM	36	39	17.69	17.62	17.57		
15	64QAM	75	0	17.89	17.80	17.74		
15	256QAM	1	0	15.88	15.86	15.72		
15	256QAM	1	37	15.76	15.85	15.83	17.5	5
15	256QAM	1	74	15.74	15.61	15.60		
15	256QAM	36	0	15.81	15.76	15.70		
15	256QAM	36	20	15.77	15.90	15.56	17.5	5
15	256QAM	36	39	15.58	15.66	15.63		
15	256QAM	75	0	15.68	15.53	15.53		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.84	20.85	20.78		
10	QPSK	1	25	20.82	20.79	20.71	22.5	0
10	QPSK	1	49	20.74	20.65	20.68		
10	QPSK	25	0	19.83	19.83	19.72		
10	QPSK	25	12	19.72	19.82	19.72	21.5	1
10	QPSK	25	25	19.71	19.71	19.58		
10	QPSK	50	0	19.87	19.85	19.77		
10	16QAM	1	0	19.77	19.83	19.60		
10	16QAM	1	25	19.61	19.70	19.62	21.5	1
10	16QAM	1	49	19.66	19.50	19.53		
10	16QAM	25	0	18.91	18.79	18.68		
10	16QAM	25	12	18.78	18.83	18.66	20.5	2
10	16QAM	25	25	18.71	18.71	18.64		
10	16QAM	50	0	18.83	18.93	18.91		
10	64QAM	1	0	18.73	18.81	18.63		
10	64QAM	1	25	18.66	18.74	18.66	20.5	2
10	64QAM	1	49	18.63	18.53	18.56		
10	64QAM	25	0	17.82	17.89	17.73		
10	64QAM	25	12	17.82	17.83	17.81	19.5	3
10	64QAM	25	25	17.62	17.69	17.66		
10	64QAM	50	0	17.88	17.87	17.76		
10	256QAM	1	0	15.92	15.89	15.67		
10	256QAM	1	25	15.67	15.78	15.77	17.5	5
10	256QAM	1	49	15.74	15.65	15.63		
10	256QAM	25	0	15.79	15.77	15.70		
10	256QAM	25	12	15.75	15.81	15.55	17.5	5
10	256QAM	25	25	15.59	15.72	15.69		
10	256QAM	50	0	15.64	15.60	15.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.78	20.88	20.82		
5	QPSK	1	12	20.75	20.85	20.73	22.5	0
5	QPSK	1	24	20.77	20.66	20.63		
5	QPSK	12	0	19.80	19.82	19.71		
5	QPSK	12	7	19.81	19.82	19.71	21.5	1
5	QPSK	12	13	19.66	19.73	19.66		
5	QPSK	25	0	19.80	19.79	19.78		
5	16QAM	1	0	19.74	19.85	19.58		
5	16QAM	1	12	19.61	19.71	19.60	21.5	1
5	16QAM	1	24	19.66	19.53	19.55		
5	16QAM	12	0	18.84	18.78	18.74		
5	16QAM	12	7	18.77	18.87	18.66	20.5	2
5	16QAM	12	13	18.68	18.62	18.59		
5	16QAM	25	0	18.78	18.95	18.82		
5	64QAM	1	0	18.81	18.79	18.70		
5	64QAM	1	12	18.64	18.65	18.57	20.5	2
5	64QAM	1	24	18.72	18.53	18.55		
5	64QAM	12	0	17.86	17.89	17.74		
5	64QAM	12	7	17.73	17.79	17.82	19.5	3
5	64QAM	12	13	17.66	17.68	17.64		
5	64QAM	25	0	17.91	17.90	17.70		
5	256QAM	1	0	15.86	15.95	15.67		
5	256QAM	1	12	15.79	15.86	15.82	17.5	5
5	256QAM	1	24	15.66	15.60	15.62		
5	256QAM	12	0	15.78	15.85	15.78		
5	256QAM	12	7	15.81	15.90	15.61	17.5	5
5	256QAM	12	13	15.60	15.72	15.65		
5	256QAM	25	0	15.66	15.51	15.59		

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.45	22.50	22.43		
10	QPSK	1	25	22.41	22.46	22.39	24	0
10	QPSK	1	49	22.32	22.36	22.36		
10	QPSK	25	0	21.44	21.55	21.46		
10	QPSK	25	12	21.45	21.48	21.45	23	1
10	QPSK	25	25	21.28	21.35	21.36		
10	QPSK	50	0	21.47	21.52	21.44		
10	16QAM	1	0	21.31	21.46	21.40		
10	16QAM	1	25	21.39	21.40	21.38	23	1
10	16QAM	1	49	21.13	21.26	21.25		
10	16QAM	25	0	20.45	20.58	20.43		
10	16QAM	25	12	20.51	20.53	20.43	22	2
10	16QAM	25	25	20.33	20.32	20.31		
10	16QAM	50	0	20.51	20.47	20.45		
10	64QAM	1	0	20.32	20.42	20.34		
10	64QAM	1	25	20.36	20.35	20.34	22	2
10	64QAM	1	49	20.09	20.25	20.30		
10	64QAM	25	0	19.39	19.54	19.42		
10	64QAM	25	12	19.40	19.53	19.49	21	3
10	64QAM	25	25	19.31	19.32	19.36		
10	64QAM	50	0	19.49	19.53	19.42		
10	256QAM	1	0	17.47	17.61	17.48		
10	256QAM	1	25	17.45	17.50	17.50	19	5
10	256QAM	1	49	17.29	17.33	17.40		
10	256QAM	25	0	17.50	17.57	17.43		
10	256QAM	25	12	17.30	17.40	17.36	19	5
10	256QAM	25	25	17.38	17.35	17.32		
10	256QAM	50	0	17.10	17.23	17.21		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.40	22.37	22.36		
5	QPSK	1	12	22.27	22.40	22.35	24	0
5	QPSK	1	24	22.19	22.27	22.24		
5	QPSK	12	0	21.35	21.45	21.42		
5	QPSK	12	7	21.37	21.37	21.42	23	1
5	QPSK	12	13	21.17	21.28	21.30		
5	QPSK	25	0	21.33	21.47	21.41		
5	16QAM	1	0	21.23	21.39	21.30		
5	16QAM	1	12	21.27	21.35	21.30	23	1
5	16QAM	1	24	21.16	21.14	21.11		
5	16QAM	12	0	20.31	20.49	20.38		
5	16QAM	12	7	20.37	20.46	20.36	22	2
5	16QAM	12	13	20.25	20.27	20.24		
5	16QAM	25	0	20.41	20.37	20.33		
5	64QAM	1	0	20.19	20.31	20.21		
5	64QAM	1	12	20.23	20.29	20.21	22	2
5	64QAM	1	24	20.05	20.16	20.17		
5	64QAM	12	0	19.32	19.39	19.29		
5	64QAM	12	7	19.33	19.44	19.37	21	3
5	64QAM	12	13	19.16	19.26	19.27		
5	64QAM	25	0	19.42	19.39	19.30		
5	256QAM	1	0	17.38	17.55	17.34		
5	256QAM	1	12	17.39	17.45	17.35	19	5
5	256QAM	1	24	17.19	17.25	17.35		
5	256QAM	12	0	17.43	17.53	17.34		
5	256QAM	12	7	17.25	17.33	17.27	19	5
5	256QAM	12	13	17.29	17.32	17.27		
5	256QAM	25	0	17.00	17.15	17.10		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.36	22.42	22.36		
3	QPSK	1	8	22.38	22.35	22.32	24	0
3	QPSK	1	14	22.17	22.33	22.29		
3	QPSK	8	0	21.35	21.41	21.34		
3	QPSK	8	4	21.39	21.37	21.39	23	1
3	QPSK	8	7	21.17	21.26	21.23		
3	QPSK	15	0	21.33	21.43	21.30		
3	16QAM	1	0	21.21	21.35	21.33		
3	16QAM	1	8	21.30	21.25	21.24	23	1
3	16QAM	1	14	21.22	21.23	21.22		
3	16QAM	8	0	20.39	20.54	20.29		
3	16QAM	8	4	20.46	20.42	20.32	22	2
3	16QAM	8	7	20.19	20.23	20.24		
3	16QAM	15	0	20.46	20.36	20.33		
3	64QAM	1	0	20.23	20.34	20.26		
3	64QAM	1	8	20.30	20.22	20.28	22	2
3	64QAM	1	14	20.04	20.15	20.27		
3	64QAM	8	0	19.29	19.42	19.28		
3	64QAM	8	4	19.30	19.38	19.34	21	3
3	64QAM	8	7	19.24	19.28	19.30		
3	64QAM	15	0	19.45	19.49	19.30		
3	256QAM	1	0	17.39	17.47	17.40		
3	256QAM	1	8	17.34	17.37	17.40	19	5
3	256QAM	1	14	17.16	17.22	17.30		
3	256QAM	8	0	17.46	17.47	17.31		
3	256QAM	8	4	17.24	17.36	17.23	19	5
3	256QAM	8	7	17.34	17.31	17.22		
3	256QAM	15	0	17.16	17.18	17.13		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.38	22.42	22.30		
1.4	QPSK	1	3	22.31	22.39	22.34		
1.4	QPSK	1	5	22.24	22.30	22.31	24	0
1.4	QPSK	3	0	22.26	22.36	22.18		
1.4	QPSK	3	1	22.20	22.26	22.30		
1.4	QPSK	3	3	22.16	22.21	22.18		
1.4	QPSK	6	0	21.38	21.46	21.37	23	1
1.4	16QAM	1	0	21.25	21.34	21.34		
1.4	16QAM	1	3	21.25	21.37	21.23		
1.4	16QAM	1	5	21.05	21.12	21.22	23	1
1.4	16QAM	3	0	21.30	21.39	21.29		
1.4	16QAM	3	1	21.19	21.21	21.25		
1.4	16QAM	3	3	21.21	21.31	21.13		
1.4	16QAM	6	0	20.48	20.38	20.34	22	2
1.4	64QAM	1	0	20.27	20.32	20.30		
1.4	64QAM	1	3	20.22	20.25	20.21		
1.4	64QAM	1	5	20.02	20.21	20.26	22	2
1.4	64QAM	3	0	20.40	20.34	20.22		
1.4	64QAM	3	1	20.18	20.27	20.20		
1.4	64QAM	3	3	20.17	20.20	20.07		
1.4	64QAM	6	0	19.40	19.49	19.32	21	3
1.4	256QAM	1	0	17.37	17.53	17.41		
1.4	256QAM	1	3	17.33	17.44	17.37		
1.4	256QAM	1	5	17.18	17.24	17.32	19	5
1.4	256QAM	3	0	17.37	17.52	17.39		
1.4	256QAM	3	1	17.21	17.36	17.24		
1.4	256QAM	3	3	17.31	17.29	17.17		
1.4	256QAM	6	0	17.00	17.16	17.14	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.60		24	0
10	QPSK	1	25		22.55			
10	QPSK	1	49		22.50			
10	QPSK	25	0		21.61		23	1
10	QPSK	25	12		21.51			
10	QPSK	25	25		21.52			
10	QPSK	50	0		21.60			
10	16QAM	1	0		21.57		23	1
10	16QAM	1	25		21.43			
10	16QAM	1	49		21.44			
10	16QAM	25	0		20.65		22	2
10	16QAM	25	12		20.50			
10	16QAM	25	25		20.53			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.59		22	2
10	64QAM	1	25		20.45			
10	64QAM	1	49		20.45			
10	64QAM	25	0		19.56		21	3
10	64QAM	25	12		19.47			
10	64QAM	25	25		19.56			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.96		19	5
10	256QAM	1	25		17.54			
10	256QAM	1	49		17.55			
10	256QAM	25	0		17.61		19	5
10	256QAM	25	12		17.59			
10	256QAM	25	25		17.48			
10	256QAM	50	0		17.50			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.46	22.52	22.50	24	0
5	QPSK	1	12	22.47	22.52	22.46		
5	QPSK	1	24	22.37	22.37	22.40		
5	QPSK	12	0	21.46	21.52	21.53	23	1
5	QPSK	12	7	21.45	21.41	21.46		
5	QPSK	12	13	21.40	21.39	21.45		
5	QPSK	25	0	21.47	21.49	21.45		
5	16QAM	1	0	21.52	21.47	21.49	23	1
5	16QAM	1	12	21.34	21.37	21.30		
5	16QAM	1	24	21.33	21.33	21.31		
5	16QAM	12	0	20.50	20.58	20.58	22	2
5	16QAM	12	7	20.38	20.47	20.41		
5	16QAM	12	13	20.45	20.49	20.41		
5	16QAM	25	0	20.47	20.48	20.49		
5	64QAM	1	0	20.45	20.52	20.45	22	2
5	64QAM	1	12	20.36	20.41	20.40		
5	64QAM	1	24	20.35	20.38	20.33		
5	64QAM	12	0	19.46	19.50	19.48	21	3
5	64QAM	12	7	19.36	19.42	19.37		
5	64QAM	12	13	19.45	19.49	19.43		
5	64QAM	25	0	19.47	19.52	19.52		
5	256QAM	1	0	17.51	17.46	17.42	19	5
5	256QAM	1	12	17.48	17.50	17.48		
5	256QAM	1	24	17.45	17.51	17.50		
5	256QAM	12	0	17.56	17.58	17.50	19	5
5	256QAM	12	7	17.50	17.54	17.50		
5	256QAM	12	13	17.37	17.33	17.44		
5	256QAM	25	0	17.43	17.46	17.36		

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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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.33	22.46	22.36	24	0
10	QPSK	1	25	22.26	22.32	22.31		
10	QPSK	1	49	22.22	22.28	22.22		
10	QPSK	25	0	21.29	21.42	21.33	23	1
10	QPSK	25	12	21.33	21.36	21.35		
10	QPSK	25	25	21.24	21.20	21.24		
10	QPSK	50	0	21.33	21.43	21.31		
10	16QAM	1	0	21.22	21.39	21.30	23	1
10	16QAM	1	25	21.27	21.32	21.29		
10	16QAM	1	49	21.09	21.19	21.12		
10	16QAM	25	0	20.32	20.49	20.36	22	2
10	16QAM	25	12	20.39	20.41	20.30		
10	16QAM	25	25	20.29	20.17	20.23		
10	16QAM	50	0	20.46	20.41	20.40		
10	64QAM	1	0	20.24	20.29	20.29	22	2
10	64QAM	1	25	20.29	20.24	20.26		
10	64QAM	1	49	20.04	20.15	20.19		
10	64QAM	25	0	19.28	19.44	19.36	21	3
10	64QAM	25	12	19.36	19.44	19.38		
10	64QAM	25	25	19.18	19.28	19.22		
10	64QAM	50	0	19.45	19.40	19.28		
10	256QAM	1	0	17.41	17.49	17.40	19	5
10	256QAM	1	25	17.41	17.46	17.40		
10	256QAM	1	49	17.20	17.21	17.30		
10	256QAM	25	0	17.39	17.42	17.31	19	5
10	256QAM	25	12	17.19	17.35	17.23		
10	256QAM	25	25	17.27	17.28	17.22		
10	256QAM	50	0	17.07	17.18	17.08		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.20	22.37	22.32	24	0
5	QPSK	1	12	22.15	22.30	22.25		
5	QPSK	1	24	22.08	22.18	22.16		
5	QPSK	12	0	21.14	21.31	21.22	23	1
5	QPSK	12	7	21.27	21.32	21.27		
5	QPSK	12	13	21.14	21.10	21.11		
5	QPSK	25	0	21.25	21.35	21.26		
5	16QAM	1	0	21.14	21.27	21.16	23	1
5	16QAM	1	12	21.20	21.21	21.20		
5	16QAM	1	24	21.02	21.08	21.06		
5	16QAM	12	0	20.18	20.46	20.30	22	2
5	16QAM	12	7	20.28	20.29	20.15		
5	16QAM	12	13	20.18	20.05	20.10		
5	16QAM	25	0	20.32	20.37	20.33		
5	64QAM	1	0	20.12	20.25	20.19	22	2
5	64QAM	1	12	20.24	20.14	20.16		
5	64QAM	1	24	20.00	20.09	20.12		
5	64QAM	12	0	19.23	19.36	19.31	21	3
5	64QAM	12	7	19.27	19.33	19.30		
5	64QAM	12	13	19.04	19.19	19.10		
5	64QAM	25	0	19.34	19.28	19.22		
5	256QAM	1	0	17.37	17.45	17.32	19	5
5	256QAM	1	12	17.28	17.33	17.36		
5	256QAM	1	24	17.10	17.18	17.15		
5	256QAM	12	0	17.34	17.37	17.19	19	5
5	256QAM	12	7	17.11	17.27	17.11		
5	256QAM	12	13	17.20	17.15	17.08		
5	256QAM	25	0	17.00	17.08	17.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.81	22.82	22.81	24	0
15	QPSK	1	37	22.64	22.75	22.73		
15	QPSK	1	74	22.71	22.77	22.72		
15	QPSK	36	0	21.89	21.91	21.72	23	1
15	QPSK	36	20	21.65	21.80	21.69		
15	QPSK	36	39	21.62	21.68	21.68		
15	QPSK	75	0	21.82	21.85	21.77		
15	16QAM	1	0	21.76	21.83	21.69	23	1
15	16QAM	1	37	21.53	21.82	21.64		
15	16QAM	1	74	21.63	21.63	21.62		
15	16QAM	36	0	20.92	20.84	20.85	22	2
15	16QAM	36	20	20.75	20.87	20.71		
15	16QAM	36	39	20.68	20.68	20.67		
15	16QAM	75	0	20.85	20.80	20.79		
15	64QAM	1	0	20.69	20.77	20.80	22	2
15	64QAM	1	37	20.54	20.84	20.62		
15	64QAM	1	74	20.56	20.53	20.60		
15	64QAM	36	0	19.80	19.94	19.75	21	3
15	64QAM	36	20	19.71	19.86	19.73		
15	64QAM	36	39	19.69	19.68	19.69		
15	64QAM	75	0	19.75	19.79	19.67		
15	256QAM	1	0	17.92	17.90	17.84	19	5
15	256QAM	1	37	17.79	17.79	17.72		
15	256QAM	1	74	17.66	17.79	17.72		
15	256QAM	36	0	17.67	17.94	17.72	19	5
15	256QAM	36	20	17.70	17.80	17.67		
15	256QAM	36	39	17.53	17.76	17.60		
15	256QAM	75	0	17.62	17.49	17.54		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.70	22.69	22.72	24	0
10	QPSK	1	25	22.53	22.60	22.67		
10	QPSK	1	49	22.57	22.70	22.58		
10	QPSK	25	0	21.80	21.80	21.58	23	1
10	QPSK	25	12	21.51	21.66	21.62		
10	QPSK	25	25	21.49	21.63	21.54		
10	QPSK	50	0	21.72	21.80	21.73		
10	16QAM	1	0	21.63	21.71	21.63	23	1
10	16QAM	1	25	21.39	21.77	21.61		
10	16QAM	1	49	21.57	21.53	21.51		
10	16QAM	25	0	20.81	20.80	20.79	22	2
10	16QAM	25	12	20.72	20.84	20.59		
10	16QAM	25	25	20.53	20.58	20.56		
10	16QAM	50	0	20.77	20.71	20.76		
10	64QAM	1	0	20.58	20.73	20.75	22	2
10	64QAM	1	25	20.47	20.75	20.54		
10	64QAM	1	49	20.44	20.44	20.50		
10	64QAM	25	0	19.75	19.89	19.66	21	3
10	64QAM	25	12	19.65	19.75	19.67		
10	64QAM	25	25	19.65	19.55	19.59		
10	64QAM	50	0	19.71	19.66	19.58		
10	256QAM	1	0	17.84	17.76	17.71	19	5
10	256QAM	1	25	17.72	17.68	17.61		
10	256QAM	1	49	17.53	17.64	17.64		
10	256QAM	25	0	17.63	17.79	17.62	19	5
10	256QAM	25	12	17.60	17.75	17.64		
10	256QAM	25	25	17.43	17.72	17.49		
10	256QAM	50	0	17.48	17.38	17.42		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.67	22.72	22.67	24	0
5	QPSK	1	12	22.51	22.62	22.64		
5	QPSK	1	24	22.61	22.65	22.59		
5	QPSK	12	0	21.75	21.77	21.57	23	1
5	QPSK	12	7	21.56	21.70	21.65		
5	QPSK	12	13	21.54	21.60	21.53		
5	QPSK	25	0	21.76	21.73	21.73		
5	16QAM	1	0	21.70	21.76	21.57	23	1
5	16QAM	1	12	21.39	21.79	21.52		
5	16QAM	1	24	21.53	21.58	21.52		
5	16QAM	12	0	20.80	20.69	20.78	22	2
5	16QAM	12	7	20.71	20.79	20.61		
5	16QAM	12	13	20.54	20.65	20.55		
5	16QAM	25	0	20.75	20.74	20.69		
5	64QAM	1	0	20.64	20.73	20.66	22	2
5	64QAM	1	12	20.48	20.74	20.50		
5	64QAM	1	24	20.44	20.38	20.52		
5	64QAM	12	0	19.74	19.90	19.67	21	3
5	64QAM	12	7	19.61	19.72	19.63		
5	64QAM	12	13	19.63	19.59	19.54		
5	64QAM	25	0	19.70	19.75	19.59		
5	256QAM	1	0	17.78	17.87	17.78	19	5
5	256QAM	1	12	17.65	17.73	17.64		
5	256QAM	1	24	17.54	17.71	17.65		
5	256QAM	12	0	17.55	17.88	17.62	19	5
5	256QAM	12	7	17.61	17.69	17.55		
5	256QAM	12	13	17.44	17.70	17.46		
5	256QAM	25	0	17.59	17.37	17.44		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.71	22.75	22.77	24	0
3	QPSK	1	8	22.53	22.67	22.62		
3	QPSK	1	14	22.68	22.63	22.62		
3	QPSK	8	0	21.75	21.80	21.64	23	1
3	QPSK	8	4	21.57	21.69	21.61		
3	QPSK	8	7	21.49	21.53	21.55		
3	QPSK	15	0	21.75	21.80	21.63		
3	16QAM	1	0	21.66	21.77	21.54	23	1
3	16QAM	1	8	21.45	21.78	21.60		
3	16QAM	1	14	21.57	21.54	21.50		
3	16QAM	8	0	20.77	20.71	20.71	22	2
3	16QAM	8	4	20.67	20.77	20.64		
3	16QAM	8	7	20.55	20.54	20.57		
3	16QAM	15	0	20.80	20.73	20.70		
3	64QAM	1	0	20.65	20.73	20.66	22	2
3	64QAM	1	8	20.44	20.80	20.59		
3	64QAM	1	14	20.48	20.49	20.46		
3	64QAM	8	0	19.67	19.84	19.62	21	3
3	64QAM	8	4	19.58	19.75	19.63		
3	64QAM	8	7	19.62	19.58	19.61		
3	64QAM	15	0	19.71	19.70	19.53		
3	256QAM	1	0	17.87	17.81	17.75	19	5
3	256QAM	1	8	17.75	17.66	17.67		
3	256QAM	1	14	17.57	17.68	17.63		
3	256QAM	8	0	17.57	17.88	17.61	19	5
3	256QAM	8	4	17.62	17.74	17.61		
3	256QAM	8	7	17.49	17.65	17.54		
3	256QAM	15	0	17.50	17.44	17.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.73	22.71	22.69	24	0
1.4	QPSK	1	3	22.60	22.62	22.67		
1.4	QPSK	1	5	22.67	22.71	22.66		
1.4	QPSK	3	0	22.64	22.67	22.57		
1.4	QPSK	3	1	22.46	22.57	22.63		
1.4	QPSK	3	3	22.54	22.67	22.59		
1.4	QPSK	6	0	21.75	21.70	21.66	23	1
1.4	16QAM	1	0	21.61	21.79	21.57	23	1
1.4	16QAM	1	3	21.48	21.67	21.54		
1.4	16QAM	1	5	21.51	21.52	21.52		
1.4	16QAM	3	0	21.70	21.65	21.63		
1.4	16QAM	3	1	21.54	21.65	21.51		
1.4	16QAM	3	3	21.34	21.61	21.42		
1.4	16QAM	6	0	20.81	20.76	20.65	22	2
1.4	64QAM	1	0	20.66	20.69	20.71	22	2
1.4	64QAM	1	3	20.46	20.71	20.49		
1.4	64QAM	1	5	20.46	20.47	20.51		
1.4	64QAM	3	0	20.74	20.67	20.53		
1.4	64QAM	3	1	20.58	20.59	20.63		
1.4	64QAM	3	3	20.32	20.59	20.37		
1.4	64QAM	6	0	19.67	19.73	19.57	21	3
1.4	256QAM	1	0	17.86	17.84	17.70	19	5
1.4	256QAM	1	3	17.73	17.72	17.65		
1.4	256QAM	1	5	17.54	17.66	17.61		
1.4	256QAM	3	0	17.52	17.80	17.60		
1.4	256QAM	3	1	17.60	17.70	17.59		
1.4	256QAM	3	3	17.39	17.62	17.55		
1.4	256QAM	6	0	17.55	17.41	17.49	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.38	21.41	21.35	23	0
20	QPSK	1	49	21.36	21.36	21.25		
20	QPSK	1	99	21.39	21.36	21.35		
20	QPSK	50	0	20.34	20.42	20.41	22	1
20	QPSK	50	24	20.38	20.31	20.24		
20	QPSK	50	50	20.35	20.39	20.37		
20	QPSK	100	0	20.33	20.40	20.34		
20	16QAM	1	0	20.35	20.35	20.31	22	1
20	16QAM	1	49	20.37	20.31	20.25		
20	16QAM	1	99	20.35	20.31	20.37		
20	16QAM	50	0	19.32	19.36	19.43	21	2
20	16QAM	50	24	19.39	19.32	19.26		
20	16QAM	50	50	19.36	19.45	19.37		
20	16QAM	100	0	19.35	19.36	19.40		
20	64QAM	1	0	19.35	19.37	19.30	21	2
20	64QAM	1	49	19.42	19.29	19.29		
20	64QAM	1	99	19.36	19.28	19.31		
20	64QAM	50	0	18.34	18.42	18.38	20	3
20	64QAM	50	24	18.40	18.37	18.22		
20	64QAM	50	50	18.31	18.40	18.31		
20	64QAM	100	0	18.27	18.41	18.33		
20	256QAM	1	0	16.39	16.39	16.46	18	5
20	256QAM	1	49	16.42	16.32	16.23		
20	256QAM	1	99	16.32	16.35	16.38		
20	256QAM	50	0	16.37	16.34	16.33	18	5
20	256QAM	50	24	16.37	16.37	16.32		
20	256QAM	50	50	16.35	16.27	16.21		
20	256QAM	100	0	16.30	16.26	16.36		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.23	21.37	21.22	23	0
15	QPSK	1	37	21.29	21.31	21.18		
15	QPSK	1	74	21.29	21.31	21.31		
15	QPSK	36	0	20.21	20.37	20.31	22	1
15	QPSK	36	20	20.24	20.20	20.15		
15	QPSK	36	39	20.27	20.34	20.30		
15	QPSK	75	0	20.29	20.27	20.30		
15	16QAM	1	0	20.29	20.26	20.27	22	1
15	16QAM	1	37	20.23	20.22	20.12		
15	16QAM	1	74	20.23	20.18	20.32		
15	16QAM	36	0	19.17	19.32	19.39	21	2
15	16QAM	36	20	19.27	19.27	19.13		
15	16QAM	36	39	19.26	19.32	19.32		
15	16QAM	75	0	19.24	19.31	19.26		
15	64QAM	1	0	19.28	19.31	19.19	21	2
15	64QAM	1	37	19.36	19.20	19.22		
15	64QAM	1	74	19.29	19.17	19.24		
15	64QAM	36	0	18.30	18.37	18.32	20	3
15	64QAM	36	20	18.30	18.23	18.15		
15	64QAM	36	39	18.23	18.37	18.27		
15	64QAM	75	0	18.21	18.33	18.26		
15	256QAM	1	0	16.31	16.28	16.35	18	5
15	256QAM	1	37	16.36	16.26	16.11		
15	256QAM	1	74	16.25	16.23	16.33		
15	256QAM	36	0	16.24	16.26	16.24	18	5
15	256QAM	36	20	16.28	16.31	16.27		
15	256QAM	36	39	16.29	16.15	16.10		
15	256QAM	75	0	16.23	16.18	16.25		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.27	21.28	21.23	23	0
10	QPSK	1	25	21.22	21.29	21.11		
10	QPSK	1	49	21.35	21.29	21.23		
10	QPSK	25	0	20.29	20.34	20.30	22	1
10	QPSK	25	12	20.29	20.16	20.10		
10	QPSK	25	25	20.25	20.27	20.29		
10	QPSK	50	0	20.22	20.36	20.24		
10	16QAM	1	0	20.23	20.23	20.21	22	1
10	16QAM	1	25	20.27	20.25	20.15		
10	16QAM	1	49	20.26	20.25	20.25		
10	16QAM	25	0	19.21	19.29	19.38	21	2
10	16QAM	25	12	19.33	19.28	19.12		
10	16QAM	25	25	19.23	19.40	19.28		
10	16QAM	50	0	19.30	19.28	19.29		
10	64QAM	1	0	19.24	19.23	19.20	21	2
10	64QAM	1	25	19.37	19.18	19.15		
10	64QAM	1	49	19.22	19.19	19.26		
10	64QAM	25	0	18.25	18.32	18.32	20	3
10	64QAM	25	12	18.35	18.34	18.13		
10	64QAM	25	25	18.19	18.35	18.22		
10	64QAM	50	0	18.17	18.33	18.30		
10	256QAM	1	0	16.25	16.31	16.41	18	5
10	256QAM	1	25	16.34	16.29	16.19		
10	256QAM	1	49	16.23	16.22	16.27		
10	256QAM	25	0	16.31	16.25	16.25	18	5
10	256QAM	25	12	16.31	16.23	16.29		
10	256QAM	25	25	16.28	16.21	16.18		
10	256QAM	50	0	16.25	16.21	16.30		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.28	21.37	21.22	23	0
5	QPSK	1	12	21.31	21.21	21.18		
5	QPSK	1	24	21.26	21.33	21.32		
5	QPSK	12	0	20.23	20.30	20.35	22	1
5	QPSK	12	7	20.32	20.26	20.20		
5	QPSK	12	13	20.26	20.34	20.23		
5	QPSK	25	0	20.28	20.28	20.20		
5	16QAM	1	0	20.20	20.28	20.20	22	1
5	16QAM	1	12	20.23	20.25	20.14		
5	16QAM	1	24	20.31	20.26	20.30		
5	16QAM	12	0	19.22	19.22	19.28	21	2
5	16QAM	12	7	19.30	19.23	19.11		
5	16QAM	12	13	19.27	19.32	19.33		
5	16QAM	25	0	19.21	19.28	19.36		
5	64QAM	1	0	19.25	19.29	19.17	21	2
5	64QAM	1	12	19.37	19.19	19.19		
5	64QAM	1	24	19.21	19.22	19.19		
5	64QAM	12	0	18.23	18.33	18.29	20	3
5	64QAM	12	7	18.29	18.28	18.12		
5	64QAM	12	13	18.21	18.31	18.26		
5	64QAM	25	0	18.19	18.37	18.27		
5	256QAM	1	0	16.25	16.30	16.31	18	5
5	256QAM	1	12	16.34	16.19	16.11		
5	256QAM	1	24	16.19	16.24	16.31		
5	256QAM	12	0	16.26	16.25	16.23	18	5
5	256QAM	12	7	16.32	16.34	16.17		
5	256QAM	12	13	16.30	16.19	16.11		
5	256QAM	25	0	16.20	16.23	16.27		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.35	24.38	24.32	26	0
20	QPSK	1	49	24.26	24.37	24.28		
20	QPSK	1	99	24.34	24.34	24.24		
20	QPSK	50	0	23.37	23.43	23.37	25	1
20	QPSK	50	24	23.20	23.39	23.34		
20	QPSK	50	50	23.32	23.37	23.25		
20	QPSK	100	0	23.35	23.40	23.37		
20	16QAM	1	0	23.34	23.38	23.36	25	1
20	16QAM	1	49	23.18	23.38	23.35		
20	16QAM	1	99	23.22	23.27	23.19		
20	16QAM	50	0	22.41	22.43	22.34	24	2
20	16QAM	50	24	22.26	22.40	22.39		
20	16QAM	50	50	22.26	22.32	22.21		
20	16QAM	100	0	22.34	22.34	22.32		
20	64QAM	1	0	22.29	22.39	22.41	24	2
20	64QAM	1	49	22.17	22.36	22.36		
20	64QAM	1	99	22.19	22.30	22.17		
20	64QAM	50	0	21.34	21.43	21.38	23	3
20	64QAM	50	24	21.18	21.42	21.28		
20	64QAM	50	50	21.38	21.39	21.22		
20	64QAM	100	0	21.39	21.43	21.33		
20	256QAM	1	0	19.41	19.49	19.36	21	5
20	256QAM	1	49	19.22	19.42	19.34		
20	256QAM	1	99	19.29	19.31	19.30		
20	256QAM	50	0	19.38	19.38	19.38	21	5
20	256QAM	50	24	19.35	19.40	19.41		
20	256QAM	50	50	19.22	19.33	19.33		
20	256QAM	100	0	19.28	19.24	19.19		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.28	24.31	24.28	26	0
15	QPSK	1	37	24.15	24.28	24.14		
15	QPSK	1	74	24.20	24.30	24.17		
15	QPSK	36	0	23.23	23.38	23.25	25	1
15	QPSK	36	20	23.08	23.36	23.23		
15	QPSK	36	39	23.27	23.23	23.16		
15	QPSK	75	0	23.31	23.33	23.23		
15	16QAM	1	0	23.28	23.24	23.21	25	1
15	16QAM	1	37	23.14	23.30	23.31		
15	16QAM	1	74	23.16	23.15	23.14		
15	16QAM	36	0	22.28	22.30	22.20	24	2
15	16QAM	36	20	22.20	22.27	22.30		
15	16QAM	36	39	22.14	22.26	22.09		
15	16QAM	75	0	22.28	22.28	22.25		
15	64QAM	1	0	22.23	22.29	22.32	24	2
15	64QAM	1	37	22.04	22.26	22.30		
15	64QAM	1	74	22.07	22.26	22.04		
15	64QAM	36	0	21.19	21.34	21.27	23	3
15	64QAM	36	20	21.06	21.32	21.14		
15	64QAM	36	39	21.26	21.32	21.13		
15	64QAM	75	0	21.33	21.33	21.25		
15	256QAM	1	0	19.31	19.40	19.27	21	5
15	256QAM	1	37	19.12	19.33	19.20		
15	256QAM	1	74	19.18	19.28	19.16		
15	256QAM	36	0	19.27	19.34	19.27	21	5
15	256QAM	36	20	19.30	19.31	19.33		
15	256QAM	36	39	19.18	19.28	19.26		
15	256QAM	75	0	19.17	19.10	19.15		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.24	24.24	24.21	26	0
10	QPSK	1	25	24.20	24.31	24.15		
10	QPSK	1	49	24.23	24.19	24.11		
10	QPSK	25	0	23.31	23.36	23.31	25	1
10	QPSK	25	12	23.09	23.28	23.20		
10	QPSK	25	25	23.18	23.32	23.21		
10	QPSK	50	0	23.20	23.27	23.24		
10	16QAM	1	0	23.30	23.30	23.26	25	1
10	16QAM	1	25	23.13	23.27	23.29		
10	16QAM	1	49	23.13	23.14	23.13		
10	16QAM	25	0	22.31	22.36	22.29	24	2
10	16QAM	25	12	22.12	22.28	22.25		
10	16QAM	25	25	22.13	22.19	22.10		
10	16QAM	50	0	22.26	22.19	22.19		
10	64QAM	1	0	22.17	22.29	22.35	24	2
10	64QAM	1	25	22.10	22.32	22.33		
10	64QAM	1	49	22.11	22.25	22.12		
10	64QAM	25	0	21.30	21.33	21.26	23	3
10	64QAM	25	12	21.13	21.28	21.20		
10	64QAM	25	25	21.35	21.26	21.11		
10	64QAM	50	0	21.30	21.30	21.24		
10	256QAM	1	0	19.38	19.37	19.32	21	5
10	256QAM	1	25	19.18	19.28	19.27		
10	256QAM	1	49	19.23	19.20	19.22		
10	256QAM	25	0	19.35	19.25	19.34	21	5
10	256QAM	25	12	19.27	19.30	19.35		
10	256QAM	25	25	19.12	19.21	19.23		
10	256QAM	50	0	19.13	19.14	19.13		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.28	24.27	24.29	26	0
5	QPSK	1	12	24.12	24.23	24.21		
5	QPSK	1	24	24.26	24.26	24.09		
5	QPSK	12	0	23.29	23.28	23.25	25	1
5	QPSK	12	7	23.06	23.33	23.26		
5	QPSK	12	13	23.28	23.26	23.17		
5	QPSK	25	0	23.24	23.33	23.31		
5	16QAM	1	0	23.28	23.33	23.33	25	1
5	16QAM	1	12	23.12	23.34	23.23		
5	16QAM	1	24	23.17	23.21	23.16		
5	16QAM	12	0	22.32	22.35	22.30	24	2
5	16QAM	12	7	22.22	22.29	22.31		
5	16QAM	12	13	22.16	22.25	22.15		
5	16QAM	25	0	22.28	22.22	22.24		
5	64QAM	1	0	22.17	22.24	22.28	24	2
5	64QAM	1	12	22.06	22.32	22.31		
5	64QAM	1	24	22.07	22.24	22.09		
5	64QAM	12	0	21.23	21.29	21.25	23	3
5	64QAM	12	7	21.13	21.29	21.17		
5	64QAM	12	13	21.27	21.33	21.18		
5	64QAM	25	0	21.28	21.39	21.22		
5	256QAM	1	0	19.29	19.45	19.32	21	5
5	256QAM	1	12	19.15	19.28	19.30		
5	256QAM	1	24	19.25	19.22	19.17		
5	256QAM	12	0	19.34	19.33	19.27	21	5
5	256QAM	12	7	19.27	19.34	19.28		
5	256QAM	12	13	19.10	19.20	19.23		
5	256QAM	25	0	19.19	19.15	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	2548.5	2593	2636.5	2680		
20	QPSK	1	0	21.46	21.49	21.52	21.48	21.44	23	0
20	QPSK	1	49	21.40	21.47	21.40	21.31	21.43		
20	QPSK	1	99	21.51	21.45	21.42	21.47	21.46		
20	QPSK	50	0	20.40	20.47	20.56	20.51	20.46	22	1
20	QPSK	50	24	20.51	20.44	20.39	20.29	20.45		
20	QPSK	50	50	20.44	20.39	20.53	20.47	20.50		
20	QPSK	100	0	20.40	20.39	20.47	20.44	20.41		
20	16QAM	1	0	20.46	20.42	20.45	20.40	20.42	22	1
20	16QAM	1	49	20.44	20.42	20.44	20.33	20.48		
20	16QAM	1	99	20.45	20.46	20.38	20.49	20.44		
20	16QAM	50	0	19.45	19.39	19.42	19.50	19.36	21	2
20	16QAM	50	24	19.47	19.46	19.37	19.31	19.52		
20	16QAM	50	50	19.45	19.41	19.53	19.40	19.41		
20	16QAM	100	0	19.43	19.42	19.45	19.53	19.47		
20	64QAM	1	0	19.41	19.49	19.45	19.37	19.47	21	2
20	64QAM	1	49	19.56	19.55	19.40	19.42	19.52		
20	64QAM	1	99	19.44	19.50	19.41	19.43	19.40		
20	64QAM	50	0	18.41	18.48	18.46	18.52	18.41	20	3
20	64QAM	50	24	18.50	18.48	18.42	18.29	18.55		
20	64QAM	50	50	18.41	18.36	18.51	18.42	18.45		
20	64QAM	100	0	18.31	18.33	18.45	18.46	18.37		
20	256QAM	1	0	16.45	16.44	16.51	16.55	16.45	18	5
20	256QAM	1	49	16.53	16.56	16.38	16.26	16.50		
20	256QAM	1	99	16.36	16.45	16.40	16.44	16.36		
20	256QAM	50	0	16.42	16.49	16.48	16.44	16.42	18	5
20	256QAM	50	24	16.46	16.44	16.48	16.37	16.42		
20	256QAM	50	50	16.39	16.39	16.37	16.32	16.44		
20	256QAM	100	0	16.39	16.33	16.40	16.47	16.38		
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	21.41	21.46	21.46	21.40	21.38	23.00	0
15	QPSK	1	37	21.35	21.39	21.29	21.30	21.33		
15	QPSK	1	74	21.50	21.44	21.35	21.42	21.42		
15	QPSK	36	0	20.35	20.41	20.49	20.46	20.41	22	1
15	QPSK	36	20	20.46	20.37	20.32	20.27	20.38		
15	QPSK	36	39	20.36	20.33	20.45	20.48	20.44		
15	QPSK	75	0	20.40	20.36	20.41	20.44	20.34		
15	16QAM	1	0	20.45	20.33	20.40	20.32	20.31	22	1
15	16QAM	1	37	20.36	20.35	20.40	20.29	20.38		
15	16QAM	1	74	20.34	20.36	20.37	20.48	20.42		
15	16QAM	36	0	19.39	19.38	19.37	19.45	19.30	21	2
15	16QAM	36	20	19.42	19.41	19.28	19.22	19.51		
15	16QAM	36	39	19.42	19.39	19.50	19.31	19.32		
15	16QAM	75	0	19.42	19.35	19.39	19.42	19.44		
15	64QAM	1	0	19.36	19.42	19.42	19.31	19.41	21	2
15	64QAM	1	37	19.57	19.51	19.30	19.37	19.49		
15	64QAM	1	74	19.36	19.48	19.37	19.42	19.37		
15	64QAM	36	0	18.38	18.47	18.38	18.46	18.40	20	3
15	64QAM	36	20	18.46	18.40	18.33	18.25	18.52		
15	64QAM	36	39	18.39	18.32	18.52	18.41	18.36		
15	64QAM	75	0	18.20	18.24	18.40	18.36	18.29		
15	256QAM	1	0	16.41	16.41	16.51	16.46	16.43	18	5
15	256QAM	1	37	16.45	16.50	16.36	16.24	16.43		
15	256QAM	1	74	16.35	16.39	16.38	16.42	16.26		
15	256QAM	36	0	16.32	16.41	16.42	16.36	16.38	18	5
15	256QAM	36	20	16.47	16.37	16.43	16.36	16.43		
15	256QAM	36	39	16.34	16.36	16.35	16.27	16.40		
15	256QAM	75	0	16.39	16.26	16.39	16.38	16.38		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.37	21.42	21.50	21.46	21.43	23.00	0
10	QPSK	1	25	21.30	21.38	21.35	21.28	21.41		
10	QPSK	1	49	21.44	21.39	21.33	21.46	21.36		
10	QPSK	25	0	20.29	20.45	20.48	20.51	20.40	22	1
10	QPSK	25	12	20.45	20.36	20.40	20.21	20.45		
10	QPSK	25	25	20.34	20.36	20.52	20.44	20.42		
10	QPSK	50	0	20.30	20.34	20.39	20.37	20.36		
10	16QAM	1	0	20.47	20.34	20.44	20.39	20.42	22	1
10	16QAM	1	25	20.43	20.43	20.35	20.28	20.49		
10	16QAM	1	49	20.36	20.41	20.29	20.48	20.37		
10	16QAM	25	0	19.38	19.35	19.35	19.45	19.31	21	2
10	16QAM	25	12	19.44	19.38	19.30	19.24	19.41		
10	16QAM	25	25	19.42	19.42	19.52	19.32	19.42		
10	16QAM	50	0	19.33	19.43	19.45	19.48	19.37		
10	64QAM	1	0	19.35	19.40	19.36	19.28	19.40	21	2
10	64QAM	1	25	19.57	19.50	19.37	19.31	19.50		
10	64QAM	1	49	19.39	19.50	19.38	19.35	19.36		
10	64QAM	25	0	18.36	18.43	18.44	18.47	18.41	20	3
10	64QAM	25	12	18.49	18.46	18.43	18.28	18.51		
10	64QAM	25	25	18.35	18.25	18.42	18.33	18.44		
10	64QAM	50	0	18.28	18.31	18.45	18.45	18.31		
10	256QAM	1	0	16.44	16.36	16.45	16.45	16.43	18	5
10	256QAM	1	25	16.54	16.51	16.38	16.26	16.50		
10	256QAM	1	49	16.30	16.37	16.38	16.35	16.27		
10	256QAM	25	0	16.43	16.46	16.41	16.41	16.38	18	5
10	256QAM	25	12	16.37	16.39	16.42	16.30	16.33		
10	256QAM	25	25	16.30	16.40	16.33	16.21	16.40		
10	256QAM	50	0	16.30	16.27	16.31	16.46	16.28		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	21.37	21.39	21.48	21.40	21.39	23.00	0
5	QPSK	1	12	21.37	21.45	21.33	21.25	21.37		
5	QPSK	1	24	21.50	21.40	21.43	21.44	21.36		
5	QPSK	12	0	20.37	20.46	20.56	20.50	20.42	22	1
5	QPSK	12	7	20.49	20.37	20.39	20.28	20.45		
5	QPSK	12	13	20.39	20.31	20.53	20.48	20.47		
5	QPSK	25	0	20.37	20.40	20.37	20.40	20.40		
5	16QAM	1	0	20.36	20.35	20.43	20.38	20.31	22	1
5	16QAM	1	12	20.37	20.34	20.41	20.30	20.43		
5	16QAM	1	24	20.39	20.44	20.29	20.40	20.42		
5	16QAM	12	0	19.34	19.37	19.40	19.44	19.33	21	2
5	16QAM	12	7	19.44	19.39	19.34	19.24	19.44		
5	16QAM	12	13	19.36	19.40	19.43	19.32	19.41		
5	16QAM	25	0	19.43	19.36	19.36	19.50	19.38		
5	64QAM	1	0	19.38	19.44	19.35	19.27	19.46	21	2
5	64QAM	1	12	19.52	19.50	19.38	19.39	19.45		
5	64QAM	1	24	19.41	19.45	19.39	19.39	19.37		
5	64QAM	12	0	18.37	18.38	18.46	18.53	18.38	20	3
5	64QAM	12	7	18.51	18.46	18.37	18.30	18.52		
5	64QAM	12	13	18.38	18.27	18.44	18.35	18.35		
5	64QAM	25	0	18.25	18.26	18.45	18.39	18.30		
5	256QAM	1	0	16.43	16.40	16.44	16.45	16.44	18	5
5	256QAM	1	12	16.45	16.48	16.30	16.25	16.45		
5	256QAM	1	24	16.34	16.43	16.33	16.43	16.27		
5	256QAM	12	0	16.39	16.46	16.41	16.44	16.42	18	5
5	256QAM	12	7	16.36	16.38	16.42	16.33	16.35		
5	256QAM	12	13	16.36	16.32	16.34	16.27	16.34		
5	256QAM	25	0	16.38	16.23	16.35	16.46	16.28		

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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	2548.5	2593	2636.5	2680		
20	QPSK	1	0	24.44	24.52	24.55	24.44	24.42	26	0
20	QPSK	1	49	24.34	24.42	24.42	24.32	24.43		
20	QPSK	1	99	24.45	24.48	24.42	24.42	24.49		
20	QPSK	50	0	23.42	23.52	23.61	23.55	23.51	25	1
20	QPSK	50	24	23.47	23.42	23.42	23.27	23.48		
20	QPSK	50	50	23.47	23.36	23.48	23.42	23.45		
20	QPSK	100	0	23.43	23.45	23.48	23.38	23.36		
20	16QAM	1	0	23.44	23.46	23.47	23.41	23.40	25	1
20	16QAM	1	49	23.43	23.44	23.45	23.30	23.45		
20	16QAM	1	99	23.43	23.46	23.37	23.48	23.46		
20	16QAM	50	0	22.45	22.34	22.44	22.55	22.31	24	2
20	16QAM	50	24	22.43	22.51	22.34	22.35	22.47		
20	16QAM	50	50	22.46	22.41	22.49	22.42	22.42		
20	16QAM	100	0	22.44	22.46	22.44	22.57	22.42		
20	64QAM	1	0	22.37	22.52	22.49	22.35	22.44	24	2
20	64QAM	1	49	22.57	22.54	22.41	22.42	22.56		
20	64QAM	1	99	22.40	22.50	22.39	22.40	22.38		
20	64QAM	50	0	21.36	21.43	21.45	21.55	21.44	23	3
20	64QAM	50	24	21.52	21.48	21.39	21.27	21.59		
20	64QAM	50	50	21.42	21.42	21.57	21.40	21.46		
20	64QAM	100	0	21.27	21.34	21.45	21.46	21.43		
20	256QAM	1	0	19.42	19.41	19.47	19.52	19.43	21	5
20	256QAM	1	49	19.59	19.53	19.43	19.30	19.45		
20	256QAM	1	99	19.36	19.49	19.43	19.44	19.37		
20	256QAM	50	0	19.40	19.54	19.44	19.38	19.47	21	5
20	256QAM	50	24	19.45	19.40	19.51	19.32	19.37		
20	256QAM	50	50	19.45	19.45	19.37	19.37	19.38		
20	256QAM	100	0	19.42	19.33	19.39	19.46	19.34		
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	24.39	24.48	24.41	24.32	24.27	26.00	0
15	QPSK	1	37	24.24	24.33	24.27	24.22	24.35		
15	QPSK	1	74	24.30	24.34	24.29	24.35	24.38		
15	QPSK	36	0	23.37	23.45	23.57	23.51	23.39	25	1
15	QPSK	36	20	23.39	23.37	23.39	23.19	23.33		
15	QPSK	36	39	23.36	23.30	23.38	23.28	23.32		
15	QPSK	75	0	23.35	23.31	23.42	23.29	23.25		
15	16QAM	1	0	23.36	23.41	23.33	23.32	23.27	25	1
15	16QAM	1	37	23.30	23.32	23.37	23.20	23.36		
15	16QAM	1	74	23.36	23.34	23.27	23.40	23.32		
15	16QAM	36	0	22.31	22.23	22.35	22.52	22.22	24	2
15	16QAM	36	20	22.40	22.37	22.23	22.23	22.35		
15	16QAM	36	39	22.32	22.26	22.42	22.28	22.31		
15	16QAM	75	0	22.33	22.36	22.35	22.49	22.29		
15	64QAM	1	0	22.23	22.38	22.36	22.27	22.38	24	2
15	64QAM	1	37	22.49	22.43	22.27	22.32	22.44		
15	64QAM	1	74	22.36	22.36	22.24	22.33	22.32		
15	64QAM	36	0	21.27	21.40	21.34	21.41	21.38	23	3
15	64QAM	36	20	21.38	21.36	21.35	21.21	21.53		
15	64QAM	36	39	21.37	21.37	21.42	21.34	21.34		
15	64QAM	75	0	21.21	21.26	21.31	21.34	21.36		
15	256QAM	1	0	19.34	19.37	19.38	19.38	19.29	21	5
15	256QAM	1	37	19.55	19.47	19.31	19.21	19.39		
15	256QAM	1	74	19.24	19.42	19.30	19.30	19.29		
15	256QAM	36	0	19.29	19.39	19.39	19.33	19.40	21	5
15	256QAM	36	20	19.31	19.27	19.39	19.19	19.24		
15	256QAM	36	39	19.39	19.37	19.26	19.26	19.35		
15	256QAM	75	0	19.38	19.29	19.29	19.42	19.23		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.41	24.49	24.46	24.36	24.35	26.00	0
10	QPSK	1	25	24.20	24.37	24.38	24.21	24.34		
10	QPSK	1	49	24.41	24.40	24.34	24.33	24.36		
10	QPSK	25	0	23.32	23.45	23.56	23.49	23.39	25	1
10	QPSK	25	12	23.43	23.37	23.33	23.15	23.36		
10	QPSK	25	25	23.41	23.26	23.43	23.35	23.34		
10	QPSK	50	0	23.30	23.39	23.39	23.31	23.24		
10	16QAM	1	0	23.33	23.34	23.40	23.35	23.27	25	1
10	16QAM	1	25	23.28	23.35	23.41	23.17	23.35		
10	16QAM	1	49	23.33	23.43	23.24	23.42	23.41		
10	16QAM	25	0	22.41	22.23	22.29	22.43	22.25	24	2
10	16QAM	25	12	22.35	22.48	22.22	22.22	22.40		
10	16QAM	25	25	22.38	22.36	22.36	22.28	22.35		
10	16QAM	50	0	22.32	22.39	22.30	22.45	22.31		
10	64QAM	1	0	22.26	22.38	22.40	22.28	22.38	24	2
10	64QAM	1	25	22.50	22.40	22.35	22.34	22.49		
10	64QAM	1	49	22.35	22.43	22.29	22.30	22.23		
10	64QAM	25	0	21.25	21.34	21.39	21.48	21.37	23	3
10	64QAM	25	12	21.38	21.42	21.30	21.16	21.44		
10	64QAM	25	25	21.27	21.31	21.33	21.27	21.40		
10	64QAM	50	0	21.15	21.22	21.33	21.35	21.38		
10	256QAM	1	0	19.31	19.35	19.37	19.43	19.36	21	5
10	256QAM	1	25	19.52	19.40	19.35	19.20	19.37		
10	256QAM	1	49	19.31	19.36	19.29	19.34	19.25		
10	256QAM	25	0	19.35	19.43	19.30	19.27	19.37	21	5
10	256QAM	25	12	19.33	19.31	19.37	19.29	19.30		
10	256QAM	25	25	19.34	19.37	19.29	19.30	19.24		
10	256QAM	50	0	19.36	19.24	19.35	19.42	19.22		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	24.35	24.39	24.50	24.38	24.31	26.00	0
5	QPSK	1	12	24.22	24.37	24.33	24.20	24.31		
5	QPSK	1	24	24.34	24.35	24.37	24.36	24.42		
5	QPSK	12	0	23.37	23.38	23.57	23.43	23.42	25	1
5	QPSK	12	7	23.40	23.32	23.31	23.23	23.34		
5	QPSK	12	13	23.40	23.29	23.36	23.29	23.38		
5	QPSK	25	0	23.36	23.34	23.38	23.29	23.31		
5	16QAM	1	0	23.40	23.36	23.36	23.38	23.31	25	1
5	16QAM	1	12	23.34	23.37	23.32	23.22	23.34		
5	16QAM	1	24	23.35	23.32	23.28	23.43	23.38		
5	16QAM	12	0	22.34	22.29	22.38	22.47	22.18	24	2
5	16QAM	12	7	22.31	22.41	22.30	22.31	22.37		
5	16QAM	12	13	22.40	22.30	22.38	22.35	22.29		
5	16QAM	25	0	22.31	22.38	22.36	22.53	22.37		
5	64QAM	1	0	22.28	22.47	22.43	22.32	22.38	24	2
5	64QAM	1	12	22.49	22.50	22.33	22.28	22.51		
5	64QAM	1	24	22.35	22.42	22.32	22.33	22.35		
5	64QAM	12	0	21.27	21.28	21.35	21.46	21.32	23	3
5	64QAM	12	7	21.48	21.43	21.29	21.19	21.48		
5	64QAM	12	13	21.37	21.34	21.53	21.33	21.31		
5	64QAM	25	0	21.22	21.23	21.40	21.37	21.39		
5	256QAM	1	0	19.36	19.37	19.37	19.38	19.32	21	5
5	256QAM	1	12	19.55	19.47	19.34	19.24	19.32		
5	256QAM	1	24	19.33	19.42	19.28	19.31	19.26		
5	256QAM	12	0	19.32	19.43	19.36	19.32	19.32	21	5
5	256QAM	12	7	19.41	19.33	19.46	19.19	19.33		
5	256QAM	12	13	19.33	19.42	19.33	19.25	19.31		
5	256QAM	25	0	19.33	19.21	19.34	19.35	19.30		

GSM850 Ant 1 DS4	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	32.13	32.27	32.27	33.50	23.13	23.27	23.27	24.50
GPRS 1 Tx slot	31.99	32.19	32.19	33.50	22.99	23.19	23.19	24.50
GPRS 2 Tx slots	29.96	30.23	30.12	31.50	23.96	24.23	24.12	25.50
GPRS 3 Tx slots	28.38	28.55	28.46	29.50	24.12	24.29	24.20	25.24
GPRS 4 Tx slots	26.76	27.02	26.92	28.00	23.76	24.02	23.92	25.00
EDGE 1 Tx slot	26.12	26.15	26.12	27.00	17.12	17.15	17.12	18.00
EDGE 2 Tx slots	25.01	25.03	24.94	26.00	19.01	19.03	18.94	20.00
EDGE 3 Tx slots	23.40	23.48	23.54	24.50	19.14	19.22	19.28	20.24
EDGE 4 Tx slots	21.48	21.72	21.69	22.50	18.48	18.72	18.69	19.50

GSM1900 Ant 1 DS4	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	27.80	27.96	27.80	29.00	18.80	18.96	18.80	20.00
GPRS 1 Tx slot	27.72	27.93	27.72	29.00	18.72	18.93	18.72	20.00
GPRS 2 Tx slots	25.05	25.54	25.42	26.50	19.05	19.54	19.42	20.59
GPRS 3 Tx slots	23.90	23.76	23.71	25.00	19.64	19.50	19.45	20.74
GPRS 4 Tx slots	22.28	22.07	22.02	23.00	19.28	19.07	19.02	20.00
EDGE 1 Tx slot	23.56	23.52	23.41	24.50	14.56	14.52	14.41	15.50
EDGE 2 Tx slots	22.39	22.26	22.17	23.00	16.39	16.26	16.17	17.00
EDGE 3 Tx slots	20.76	20.76	20.62	22.00	16.50	16.50	16.36	17.74
EDGE 4 Tx slots	18.95	18.95	18.90	20.00	15.95	15.95	15.90	17.00

Band		WCDMA II Ant 1 DB4			Tune-up Limit (dBm)	WCDMA IV Ant 1 DS4			Tune-up Limit (dBm)	WCDMA V Ant 1 DS4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.90	20.95	20.96	22.50	21.01	21.09	21.00	22.50	22.65	22.66	22.61	24.00
3GPP Rel 99	RMC 12.2Kbps	20.95	21.02	20.98	22.50	21.08	21.11	21.06	22.50	22.68	22.71	22.65	24.00
3GPP Rel 6	HSDPA Subtest-1	19.95	19.99	20.04	21.50	20.09	20.16	20.10	21.50	21.65	21.77	21.60	23.00
3GPP Rel 6	HSDPA Subtest-2	19.92	19.98	19.92	21.50	20.06	20.10	20.01	21.50	21.69	21.71	21.68	23.00
3GPP Rel 6	HSDPA Subtest-3	19.42	19.54	19.44	21.00	19.59	19.62	19.54	21.00	21.20	21.25	21.18	22.50
3GPP Rel 6	HSDPA Subtest-4	19.50	19.57	19.47	21.00	19.59	19.62	19.51	21.00	21.16	21.20	21.16	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.92	19.99	19.97	21.50	20.10	20.16	20.11	21.50	21.69	21.75	21.60	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.93	20.06	19.97	21.50	20.09	20.10	20.03	21.50	21.63	21.72	21.63	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.47	19.55	19.43	21.00	19.58	19.60	19.51	21.00	21.19	21.23	21.14	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.49	19.56	19.43	21.00	19.55	19.56	19.55	21.00	21.16	21.15	21.12	22.50
3GPP Rel 6	HSUPA Subtest-1	19.97	20.06	20.02	21.50	20.02	20.16	20.05	21.50	21.65	21.65	21.69	23.00
3GPP Rel 6	HSUPA Subtest-2	17.94	18.01	18.02	19.50	18.08	18.08	18.04	19.50	19.64	19.66	19.66	21.00
3GPP Rel 6	HSUPA Subtest-3	18.92	18.97	18.99	20.50	19.03	19.13	19.03	20.50	20.71	20.75	20.66	22.00
3GPP Rel 6	HSUPA Subtest-4	17.96	17.96	17.93	19.50	18.06	18.10	18.02	19.50	19.71	19.73	19.62	21.00
3GPP Rel 6	HSUPA Subtest-5	19.94	19.99	19.97	21.50	20.10	20.06	20.04	21.50	21.66	21.73	21.59	23.00

Band 2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.12	21.15	21.09	22.5	0
20	QPSK	1	49	21.00	21.06	20.95		
20	QPSK	1	99	19.97	19.98	21.06		
20	QPSK	50	0	20.12	20.19	20.13		
20	QPSK	50	24	20.05	20.11	19.94	21.5	1
20	QPSK	50	50	19.91	20.01	20.11		
20	QPSK	100	0	20.08	20.15	20.06		
20	16QAM	1	0	20.02	20.09	20.04		
20	16QAM	1	49	19.99	20.05	19.82	21.5	1
20	16QAM	1	99	19.84	19.96	19.98		
20	16QAM	50	0	19.09	19.18	19.10		
20	16QAM	50	24	19.01	19.07	18.94	20.5	2
20	16QAM	50	50	18.91	19.04	19.12		
20	16QAM	100	0	19.14	19.18	19.01		
20	64QAM	1	0	18.98	19.13	19.07		
20	64QAM	1	49	18.97	19.04	18.81	20.5	2
20	64QAM	1	99	18.88	18.94	19.03		
20	64QAM	50	0	18.15	18.17	18.14		
20	64QAM	50	24	18.07	18.13	17.90	19.5	3
20	64QAM	50	50	17.97	18.07	18.07		
20	64QAM	100	0	18.04	18.14	18.01		
20	256QAM	1	0	16.12	16.16	16.14		
20	256QAM	1	49	16.04	16.06	15.92	17.5	5
20	256QAM	1	99	15.95	16.01	16.14		
20	256QAM	50	0	16.06	16.09	16.04		
20	256QAM	50	24	15.96	16.04	16.09	17.5	5
20	256QAM	50	50	16.02	16.04	15.96		
20	256QAM	100	0	15.81	15.95	16.01		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.06	21.12	20.99	22.5	0
15	QPSK	1	37	20.94	20.98	20.88		
15	QPSK	1	74	20.90	20.88	20.98		
15	QPSK	36	0	20.05	20.09	20.08		
15	QPSK	36	20	19.91	20.08	19.86	21.5	1
15	QPSK	36	39	19.82	19.96	20.03		
15	QPSK	75	0	20.04	20.10	19.93		
15	16QAM	1	0	19.88	19.99	19.99		
15	16QAM	1	37	19.85	19.92	19.75	21.5	1
15	16QAM	1	74	19.74	19.91	19.85		
15	16QAM	36	0	18.95	19.11	18.99		
15	16QAM	36	20	18.90	19.04	18.80	20.5	2
15	16QAM	36	39	18.79	18.98	19.06		
15	16QAM	75	0	19.06	19.10	18.91		
15	64QAM	1	0	18.90	19.00	18.99		
15	64QAM	1	37	18.88	18.90	18.76	20.5	2
15	64QAM	1	74	18.80	18.91	18.96		
15	64QAM	36	0	18.00	18.09	18.02		
15	64QAM	36	20	18.01	17.98	17.94	19.5	3
15	64QAM	36	39	17.85	18.02	18.00		
15	64QAM	75	0	17.98	17.99	17.86		
15	256QAM	1	0	16.08	16.05	16.02		
15	256QAM	1	37	15.92	15.92	15.94	17.5	5
15	256QAM	1	74	15.84	15.97	16.10		
15	256QAM	36	0	16.01	16.05	15.90		
15	256QAM	36	20	15.88	15.92	16.04	17.5	5
15	256QAM	36	39	15.91	15.97	15.73		
15	256QAM	75	0	15.71	15.81	15.88		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.97	21.07	21.00	22.5	0
10	QPSK	1	25	20.86	21.01	20.80		
10	QPSK	1	49	20.85	20.88	20.95		
10	QPSK	25	0	20.09	20.13	19.98	21.5	1
10	QPSK	25	12	19.93	19.98	19.90		
10	QPSK	25	25	19.77	19.93	20.02		
10	QPSK	50	0	19.95	20.03	20.02		
10	16QAM	1	0	19.97	20.05	19.90		
10	16QAM	1	25	19.89	20.02	19.67	21.5	1
10	16QAM	1	49	19.72	19.86	19.85		
10	16QAM	25	0	18.95	19.11	19.05		
10	16QAM	25	12	18.87	18.97	18.83	20.5	2
10	16QAM	25	25	18.78	18.98	19.00		
10	16QAM	50	0	19.07	19.09	18.95		
10	64QAM	1	0	18.89	19.02	18.92		
10	64QAM	1	25	18.94	18.94	18.68	20.5	2
10	64QAM	1	49	18.84	18.82	18.94		
10	64QAM	25	0	18.11	18.06	18.07		
10	64QAM	25	12	17.94	17.99	17.81	19.5	3
10	64QAM	25	25	17.94	17.94	18.02		
10	64QAM	50	0	17.95	18.08	17.91		
10	256QAM	1	0	16.06	16.03	16.11		
10	256QAM	1	25	15.97	15.98	15.83	17.5	5
10	256QAM	1	49	15.91	15.92	16.05		
10	256QAM	25	0	15.93	16.01	15.89		
10	256QAM	25	12	15.83	16.00	16.00	17.5	5
10	256QAM	25	25	15.92	15.95	15.77		
10	256QAM	50	0	15.68	15.85	15.92		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.99	21.05	21.00	22.5	0
5	QPSK	1	12	20.93	21.03	20.92		
5	QPSK	1	24	20.91	20.91	20.97		
5	QPSK	12	0	20.03	20.05	20.01	21.5	1
5	QPSK	12	7	20.00	20.00	19.99		
5	QPSK	12	13	19.87	19.93	20.07		
5	QPSK	25	0	19.93	20.09	19.94		
5	16QAM	1	0	19.98	20.06	19.94		
5	16QAM	1	12	19.91	19.94	19.77	21.5	1
5	16QAM	1	24	19.80	19.91	19.83		
5	16QAM	12	0	19.04	19.13	18.97		
5	16QAM	12	7	18.90	18.97	18.87	20.5	2
5	16QAM	12	13	18.83	18.92	19.02		
5	16QAM	25	0	19.01	19.06	18.93		
5	64QAM	1	0	18.94	19.09	18.97		
5	64QAM	1	12	18.89	18.98	18.69	20.5	2
5	64QAM	1	24	18.84	18.85	18.93		
5	64QAM	12	0	18.07	18.05	18.03		
5	64QAM	12	7	17.98	17.99	17.75	19.5	3
5	64QAM	12	13	17.83	17.99	17.93		
5	64QAM	25	0	17.99	18.01	17.90		
5	256QAM	1	0	16.07	16.10	16.01		
5	256QAM	1	12	15.91	15.97	15.78	17.5	5
5	256QAM	1	24	15.88	15.93	16.03		
5	256QAM	12	0	16.03	15.93	15.93		
5	256QAM	12	7	15.83	15.90	15.99	17.5	5
5	256QAM	12	13	15.90	15.93	15.74		
5	256QAM	25	0	15.78	15.85	15.88		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.08	21.03	21.01	22.5	0
3	QPSK	1	8	20.87	20.91	20.89		
3	QPSK	1	14	20.84	20.96	21.03		
3	QPSK	8	0	19.99	20.10	20.08	21.5	1
3	QPSK	8	4	19.93	20.01	19.84		
3	QPSK	8	7	19.78	19.90	20.08		
3	QPSK	15	0	19.98	20.10	19.97		
3	16QAM	1	0	19.94	19.96	19.94		
3	16QAM	1	8	19.87	19.95	19.73	21.5	1
3	16QAM	1	14	19.80	19.88	19.93		
3	16QAM	8	0	18.94	19.06	19.04		
3	16QAM	8	4	18.94	18.93	18.91	20.5	2
3	16QAM	8	7	18.84	18.92	18.98		
3	16QAM	15	0	19.09	19.12	18.93		
3	64QAM	1	0	18.93	18.99	19.02		
3	64QAM	1	8	18.91	18.98	18.67	20.5	2
3	64QAM	1	14	18.75	18.90	18.88		
3	64QAM	8	0	18.05	18.07	17.99		
3	64QAM	8	4	17.92	18.00	17.83	19.5	3
3	64QAM	8	7	17.88	17.95	18.01		
3	64QAM	15	0	17.91	18.04	17.90		
3	256QAM	1	0	15.98	16.07	16.11		
3	256QAM	1	8	15.94	15.91	15.82	17.5	5
3	256QAM	1	14	15.83	15.90	16.09		
3	256QAM	8	0	16.00	15.94	15.92		
3	256QAM	8	4	15.81	15.91	15.95	17.5	5
3	256QAM	8	7	15.96	15.96	15.81		
3	256QAM	15	0	15.70	15.82	15.87		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.97	21.05	20.94	22.5	0
1.4	QPSK	1	3	20.90	21.01	20.82		
1.4	QPSK	1	5	20.93	20.96	20.95		
1.4	QPSK	3	0	20.83	20.95	20.82		
1.4	QPSK	3	1	20.76	20.96	20.77		
1.4	QPSK	3	3	20.82	20.84	20.85		
1.4	QPSK	6	0	19.95	20.09	19.96	21.5	1
1.4	16QAM	1	0	19.92	19.96	19.91	21.5	1
1.4	16QAM	1	3	19.86	19.92	19.75		
1.4	16QAM	1	5	19.77	19.92	19.88		
1.4	16QAM	3	0	19.88	19.96	19.92		
1.4	16QAM	3	1	19.85	19.83	19.84		
1.4	16QAM	3	3	19.79	19.78	19.68		
1.4	16QAM	6	0	19.02	19.13	18.93	20.5	2
1.4	64QAM	1	0	18.84	18.99	18.96	20.5	2
1.4	64QAM	1	3	18.84	18.95	18.75		
1.4	64QAM	1	5	18.77	18.85	18.89		
1.4	64QAM	3	0	18.91	19.09	18.81		
1.4	64QAM	3	1	18.78	18.95	18.88		
1.4	64QAM	3	3	18.73	18.82	18.66		
1.4	64QAM	6	0	17.97	18.06	17.94	19.5	3
1.4	256QAM	1	0	16.03	16.09	16.01	17.5	5
1.4	256QAM	1	3	15.99	15.91	15.83		
1.4	256QAM	1	5	15.86	15.89	15.99		
1.4	256QAM	3	0	16.00	16.05	15.91		
1.4	256QAM	3	1	15.89	15.98	16.05		
1.4	256QAM	3	3	15.93	15.92	15.71		
1.4	256QAM	6	0	15.66	15.85	15.88	17.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.22	21.29	21.25	22.5	0
20	QPSK	1	49	21.19	21.14	21.18		
20	QPSK	1	99	21.17	21.24	21.27		
20	QPSK	50	0	20.20	20.31	20.25		
20	QPSK	50	24	20.21	20.18	20.23	21.5	1
20	QPSK	50	50	20.19	20.28	20.16		
20	QPSK	100	0	20.19	20.29	20.25		
20	16QAM	1	0	20.15	20.19	20.18		
20	16QAM	1	49	20.16	20.09	20.16	21.5	1
20	16QAM	1	99	20.09	20.24	20.06		
20	16QAM	50	0	19.15	19.24	19.27		
20	16QAM	50	24	19.21	19.20	19.23	20.5	2
20	16QAM	50	50	19.23	19.24	19.13		
20	16QAM	100	0	19.25	19.30	19.19		
20	64QAM	1	0	19.16	19.18	19.13		
20	64QAM	1	49	19.11	19.13	19.13	20.5	2
20	64QAM	1	99	19.08	19.21	19.12		
20	64QAM	50	0	18.22	18.27	18.22		
20	64QAM	50	24	18.22	18.21	18.24	19.5	3
20	64QAM	50	50	18.19	18.25	18.13		
20	64QAM	100	0	18.13	18.33	18.19		
20	256QAM	1	0	16.21	16.29	16.27		
20	256QAM	1	49	16.15	16.23	16.24	17.5	5
20	256QAM	1	99	16.16	16.27	16.15		
20	256QAM	50	0	16.18	16.29	16.24		
20	256QAM	50	24	16.13	16.20	16.24	17.5	5
20	256QAM	50	50	16.11	16.14	16.16		
20	256QAM	100	0	16.05	16.19	16.06		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.10	21.17	21.20	22.5	0
15	QPSK	1	37	21.07	21.01	21.13		
15	QPSK	1	74	21.09	21.09	21.07		
15	QPSK	36	0	20.11	20.22	20.11		
15	QPSK	36	20	20.18	20.12	20.12	21.5	1
15	QPSK	36	39	20.14	20.24	20.07		
15	QPSK	75	0	20.07	20.18	20.19		
15	16QAM	1	0	20.08	20.15	20.08		
15	16QAM	1	37	20.06	19.95	20.02	21.5	1
15	16QAM	1	74	20.05	20.12	19.95		
15	16QAM	36	0	19.04	19.27	19.23		
15	16QAM	36	20	19.15	19.07	19.12	20.5	2
15	16QAM	36	39	19.18	19.13	19.01		
15	16QAM	75	0	19.13	19.27	19.07		
15	64QAM	1	0	19.05	19.08	19.09		
15	64QAM	1	37	19.02	19.06	19.09	20.5	2
15	64QAM	1	74	18.96	19.13	18.98		
15	64QAM	36	0	18.08	18.22	18.07		
15	64QAM	36	20	18.15	18.07	18.15	19.5	3
15	64QAM	36	39	18.15	18.11	18.05		
15	64QAM	75	0	18.00	18.18	18.13		
15	256QAM	1	0	16.07	16.25	16.23		
15	256QAM	1	37	16.10	16.15	16.11	17.5	5
15	256QAM	1	74	16.07	16.15	16.08		
15	256QAM	36	0	16.13	16.24	16.17		
15	256QAM	36	20	16.07	16.14	16.21	17.5	5
15	256QAM	36	39	15.98	16.08	16.05		
15	256QAM	75	0	15.97	16.16	15.96		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.11	21.18	21.19	22.5	0
10	QPSK	1	25	21.10	21.03	21.04		
10	QPSK	1	49	21.07	21.21	21.08		
10	QPSK	25	0	20.07	20.27	20.12	21.5	1
10	QPSK	25	12	20.10	20.05	20.18		
10	QPSK	25	25	20.11	20.14	20.12		
10	QPSK	50	0	20.06	20.21	20.20		
10	16QAM	1	0	20.12	20.04	20.14		
10	16QAM	1	25	20.12	20.05	20.06	21.5	1
10	16QAM	1	49	20.09	20.20	19.99		
10	16QAM	25	0	19.07	19.23	19.15		
10	16QAM	25	12	19.16	19.12	19.10	20.5	2
10	16QAM	25	25	19.10	19.19	19.08		
10	16QAM	50	0	19.11	19.20	19.14		
10	64QAM	1	0	19.08	19.11	19.01		
10	64QAM	1	25	19.04	19.05	19.09	20.5	2
10	64QAM	1	49	18.93	19.14	19.07		
10	64QAM	25	0	18.16	18.17	18.10		
10	64QAM	25	12	18.18	18.08	18.18	19.5	3
10	64QAM	25	25	18.08	18.19	18.08		
10	64QAM	50	0	18.00	18.19	18.12		
10	256QAM	1	0	16.12	16.21	16.17		
10	256QAM	1	25	16.11	16.11	16.19	17.5	5
10	256QAM	1	49	16.03	16.21	16.02		
10	256QAM	25	0	16.08	16.25	16.10		
10	256QAM	25	12	16.03	16.10	16.14	17.5	5
10	256QAM	25	25	16.02	16.05	16.07		
10	256QAM	50	0	15.91	16.05	16.01		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.17	21.21	21.16	22.5	0
5	QPSK	1	12	21.14	21.06	21.08		
5	QPSK	1	24	21.09	21.13	21.10		
5	QPSK	12	0	20.07	20.23	20.17	21.5	1
5	QPSK	12	7	20.09	20.07	20.18		
5	QPSK	12	13	20.14	20.13	20.01		
5	QPSK	25	0	20.06	20.19	20.16		
5	16QAM	1	0	20.12	20.09	20.07		
5	16QAM	1	12	20.05	19.95	20.08	21.5	1
5	16QAM	1	24	19.99	20.13	19.92		
5	16QAM	12	0	19.08	19.20	19.22		
5	16QAM	12	7	19.10	19.06	19.09	20.5	2
5	16QAM	12	13	19.13	19.17	19.06		
5	16QAM	25	0	19.13	19.24	19.06		
5	64QAM	1	0	19.08	19.13	18.99		
5	64QAM	1	12	19.01	18.98	19.03	20.5	2
5	64QAM	1	24	19.02	19.14	18.97		
5	64QAM	12	0	18.12	18.14	18.13		
5	64QAM	12	7	18.07	18.10	18.09	19.5	3
5	64QAM	12	13	18.10	18.13	18.04		
5	64QAM	25	0	18.07	18.25	18.04		
5	256QAM	1	0	16.09	16.22	16.23		
5	256QAM	1	12	16.03	16.19	16.13	17.5	5
5	256QAM	1	24	16.04	16.19	16.04		
5	256QAM	12	0	16.08	16.20	16.20		
5	256QAM	12	7	16.06	16.12	16.15	17.5	5
5	256QAM	12	13	16.07	15.99	16.09		
5	256QAM	25	0	15.92	16.08	16.03		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.15	21.22	21.15	22.5	0
3	QPSK	1	8	21.15	21.10	21.04		
3	QPSK	1	14	21.07	21.19	21.13		
3	QPSK	8	0	20.11	20.22	20.20	21.5	1
3	QPSK	8	4	20.08	20.04	20.18		
3	QPSK	8	7	20.06	20.23	20.03		
3	QPSK	15	0	20.11	20.21	20.15		
3	16QAM	1	0	20.04	20.09	20.07		
3	16QAM	1	8	20.09	20.00	20.12	21.5	1
3	16QAM	1	14	19.95	20.11	19.99		
3	16QAM	8	0	19.11	19.17	19.24		
3	16QAM	8	4	19.07	19.07	19.13	20.5	2
3	16QAM	8	7	19.10	19.11	19.09		
3	16QAM	15	0	19.20	19.18	19.05		
3	64QAM	1	0	19.07	19.04	18.98		
3	64QAM	1	8	18.99	19.06	19.02	20.5	2
3	64QAM	1	14	18.94	19.16	19.00		
3	64QAM	8	0	18.14	18.18	18.09		
3	64QAM	8	4	18.15	18.17	18.13	19.5	3
3	64QAM	8	7	18.12	18.21	18.02		
3	64QAM	15	0	17.99	18.19	18.11		
3	256QAM	1	0	16.15	16.22	16.18		
3	256QAM	1	8	16.06	16.13	16.19	17.5	5
3	256QAM	1	14	16.04	16.19	16.01		
3	256QAM	8	0	16.08	16.19	16.10		
3	256QAM	8	4	16.07	16.14	16.17	17.5	5
3	256QAM	8	7	16.02	16.06	16.10		
3	256QAM	15	0	15.94	16.15	16.01		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.17	21.16	21.16	22.5	0
1.4	QPSK	1	3	21.07	21.03	21.08		
1.4	QPSK	1	5	21.13	21.19	21.08		
1.4	QPSK	3	0	21.06	21.09	21.10		
1.4	QPSK	3	1	21.02	20.97	21.03		
1.4	QPSK	3	3	21.04	21.07	20.99		
1.4	QPSK	6	0	20.15	20.26	20.12	21.5	1
1.4	16QAM	1	0	20.08	20.06	20.03	21.5	1
1.4	16QAM	1	3	20.04	20.05	20.10		
1.4	16QAM	1	5	20.03	20.19	20.02		
1.4	16QAM	3	0	20.03	20.15	20.01		
1.4	16QAM	3	1	19.99	20.02	19.95		
1.4	16QAM	3	3	19.89	20.01	20.00		
1.4	16QAM	6	0	19.18	19.17	19.09	20.5	2
1.4	64QAM	1	0	19.04	19.08	19.00	20.5	2
1.4	64QAM	1	3	19.08	19.00	19.03		
1.4	64QAM	1	5	19.00	19.15	18.99		
1.4	64QAM	3	0	19.14	19.10	19.04		
1.4	64QAM	3	1	18.92	18.99	18.95		
1.4	64QAM	3	3	19.02	18.96	18.95		
1.4	64QAM	6	0	18.07	18.22	18.15	19.5	3
1.4	256QAM	1	0	16.17	16.23	16.14	17.5	5
1.4	256QAM	1	3	16.01	16.12	16.11		
1.4	256QAM	1	5	16.06	16.17	16.03		
1.4	256QAM	3	0	16.05	16.23	16.10		
1.4	256QAM	3	1	16.06	16.16	16.13		
1.4	256QAM	3	3	16.02	16.03	16.09		
1.4	256QAM	6	0	15.96	16.13	15.93	17.5	5

Band 5 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.65	22.70	22.61	24	0
10	QPSK	1	25	22.60	22.58	22.49		
10	QPSK	1	49	22.62	22.66	22.54		
10	QPSK	25	0	21.64	21.69	21.67	23	1
10	QPSK	25	12	21.64	21.58	21.43		
10	QPSK	25	25	21.63	21.64	21.56		
10	QPSK	50	0	21.63	21.67	21.65		
10	16QAM	1	0	21.51	21.59	21.61		
10	16QAM	1	25	21.56	21.46	21.34	23	1
10	16QAM	1

Band 12 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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.48	22.50	22.46		
10	QPSK	1	25	22.40	22.44	22.35	24	0
10	QPSK	1	49	22.38	22.39	22.41		
10	QPSK	25	0	21.46	21.52	21.48		
10	QPSK	25	12	21.36	21.46	21.40	23	1
10	QPSK	25	25	21.40	21.40	21.44		
10	QPSK	50	0	21.45	21.49	21.47		
10	16QAM	1	0	21.36	21.47	21.41		
10	16QAM	1	25	21.31	21.35	21.37	23	1
10	16QAM	1	49	21.30	21.33	21.40		
10	16QAM	25	0	20.40	20.53	20.43		
10	16QAM	25	12	20.40	20.42	20.41	22	2
10	16QAM	25	25	20.46	20.43	20.45		
10	16QAM	50	0	20.48	20.46	20.49		
10	64QAM	1	0	20.40	20.46	20.38		
10	64QAM	1	25	20.26	20.39	20.37	22	2
10	64QAM	1	49	20.28	20.27	20.42		
10	64QAM	25	0	19.45	19.52	19.51		
10	64QAM	25	12	19.40	19.51	19.34	21	3
10	64QAM	25	25	19.36	19.39	19.41		
10	64QAM	50	0	19.46	19.51	19.43		
10	256QAM	1	0	17.51	17.54	17.53		
10	256QAM	1	25	17.30	17.41	17.40	19	5
10	256QAM	1	49	17.36	17.39	17.45		
10	256QAM	25	0	17.48	17.47	17.53		
10	256QAM	25	12	17.38	17.42	17.39	19	5
10	256QAM	25	25	17.25	17.37	17.41		
10	256QAM	50	0	17.24	17.33	17.36		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.34	22.43	22.41	24	0
5	QPSK	1	12	22.34	22.34	22.22		
5	QPSK	1	24	22.25	22.27	22.36		
5	QPSK	12	0	21.38	21.45	21.34		
5	QPSK	12	7	21.25	21.40	21.28	23	1
5	QPSK	12	13	21.26	21.35	21.31		
5	QPSK	25	0	21.32	21.42	21.38		
5	16QAM	1	0	21.22	21.41	21.29		
5	16QAM	1	12	21.19	21.30	21.32	23	1
5	16QAM	1	24	21.25	21.29	21.30		
5	16QAM	12	0	20.37	20.48	20.35		
5	16QAM	12	7	20.27	20.29	20.30	22	2
5	16QAM	12	13	20.33	20.37	20.38		
5	16QAM	25	0	20.45	20.34	20.36		
5	64QAM	1	0	20.25	20.40	20.33		
5	64QAM	1	12	20.22	20.24	20.34	22	2
5	64QAM	1	24	20.18	20.13	20.30		
5	64QAM	12	0	19.39	19.45	19.44		
5	64QAM	12	7	19.37	19.46	19.19	21	3
5	64QAM	12	13	19.29	19.26	19.36		
5	64QAM	25	0	19.35	19.45	19.31		
5	256QAM	1	0	17.44	17.50	17.49		
5	256QAM	1	12	17.17	17.32	17.26	19	5
5	256QAM	1	24	17.32	17.28	17.39		
5	256QAM	12	0	17.36	17.42	17.41		
5	256QAM	12	7	17.26	17.30	17.35	19	5
5	256QAM	12	13	17.11	17.26	17.35		
5	256QAM	25	0	17.14	17.19	17.21		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.39	22.36	22.32		
3	QPSK	1	8	22.31	22.37	22.23	24	0
3	QPSK	1	14	22.25	22.24	22.37		
3	QPSK	8	0	21.42	21.39	21.35		
3	QPSK	8	4	21.22	21.39	21.27	23	1
3	QPSK	8	7	21.29	21.33	21.41		
3	QPSK	15	0	21.41	21.35	21.38		
3	16QAM	1	0	21.28	21.35	21.30		
3	16QAM	1	8	21.23	21.24	21.23	23	1
3	16QAM	1	14	21.16	21.21	21.31		
3	16QAM	8	0	20.32	20.43	20.38		
3	16QAM	8	4	20.30	20.27	20.33	22	2
3	16QAM	8	7	20.41	20.34	20.36		
3	16QAM	15	0	20.36	20.32	20.35		
3	64QAM	1	0	20.34	20.41	20.30		
3	64QAM	1	8	20.18	20.32	20.27	22	2
3	64QAM	1	14	20.17	20.24	20.29		
3	64QAM	8	0	19.35	19.45	19.42		
3	64QAM	8	4	19.35	19.45	19.20	21	3
3	64QAM	8	7	19.32	19.35	19.37		
3	64QAM	15	0	19.41	19.47	19.35		
3	256QAM	1	0	17.39	17.41	17.44		
3	256QAM	1	8	17.21	17.31	17.33	19	5
3	256QAM	1	14	17.23	17.25	17.31		
3	256QAM	8	0	17.43	17.35	17.38		
3	256QAM	8	4	17.34	17.36	17.28	19	5
3	256QAM	8	7	17.18	17.27	17.29		
3	256QAM	15	0	17.19	17.20	17.24		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.39	22.37	22.35		
1.4	QPSK	1	3	22.31	22.41	22.25		
1.4	QPSK	1	5	22.34	22.24	22.38	24	0
1.4	QPSK	3	0	22.34	22.24	22.24		
1.4	QPSK	3	1	22.17	22.27	22.11		
1.4	QPSK	3	3	22.28	22.10	22.33		
1.4	QPSK	6	0	21.35	21.44	21.35	23	1
1.4	16QAM	1	0	21.28	21.39	21.30		
1.4	16QAM	1	3	21.18	21.23	21.30		
1.4	16QAM	1	5	21.21	21.26	21.35	23	1
1.4	16QAM	3	0	21.31	21.34	21.24		
1.4	16QAM	3	1	21.19	21.26	21.20		
1.4	16QAM	3	3	21.10	21.17	21.18		
1.4	16QAM	6	0	20.34	20.37	20.39	22	2
1.4	64QAM	1	0	20.30	20.35	20.28		
1.4	64QAM	1	3	20.15	20.33	20.32		
1.4	64QAM	1	5	20.15	20.20	20.36	22	2
1.4	64QAM	3	0	20.21	20.25	20.33		
1.4	64QAM	3	1	20.20	20.27	20.21		
1.4	64QAM	3	3	20.11	20.18	20.25		
1.4	64QAM	6	0	19.34	19.39	19.30	21	3
1.4	256QAM	1	0	17.39	17.50	17.39		
1.4	256QAM	1	3	17.17	17.31	17.36		
1.4	256QAM	1	5	17.30	17.28	17.36	19	5
1.4	256QAM	3	0	17.33	17.41	17.44		
1.4	256QAM	3	1	17.32	17.28	17.26		
1.4	256QAM	3	3	17.13	17.31	17.31		
1.4	256QAM	6	0	17.16	17.28	17.29	19	5

Band 13 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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.43			
10	QPSK	1	25		22.40		24	0
10	QPSK	1	49		22.38			
10	QPSK	25	0		21.48			
10	QPSK	25	12		21.46		23	1
10	QPSK	25	25		21.34			
10	QPSK	50	0		21.46			
10	16QAM	1	0		21.39			
10	16QAM	1	25		21.44		23	1
10	16QAM	1	49		21.24			
10	16QAM	25	0		20.51			
10	16QAM	25	12		20.43		22	2
10	16QAM	25	25		20.39			
10	16QAM	50	0		20.43			
10	64QAM	1	0		20.43			
10	64QAM	1	25		20.40		22	2
10	64QAM	1	49		20.21			
10	64QAM	25	0		19.47			
10	64QAM	25	12		19.48		21	3
10	64QAM	25	25		19.38			
10	64QAM	50	0		19.49			
10	256QAM	1	0		17.45			
10	256QAM	1	25		17.44		19	5
10	256QAM	1	49		17.39			
10	256QAM	25	0		17.45			
10	256QAM	25	12		17.39		19	5
10	256QAM	25	25		17.39			
10	256QAM	50	0		17.26			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.32	22.34	22.33		
5	QPSK	1	12	22.32	22.36	22.32	24	0
5	QPSK	1	24	22.30	22.24	22.35		
5	QPSK	12	0	21.39	21.44	21.35		
5	QPSK	12	7	21.37	21.40	21.36	23	1
5	QPSK	12	13	21.25	21.21	21.21		
5	QPSK	25	0	21.42	21.42	21.39		
5	16QAM	1	0	21.34	21.24	21.31		
5	16QAM	1	12	21.34	21.39	21.37	23	1
5	16QAM	1	24	21.18	21.12	21.20		
5	16QAM	12	0	20.39	20.45	20.39		
5	16QAM	12	7	20.39	20.40	20.39	22	2
5	16QAM	12	13	20.30	20.30	20.26		
5	16QAM	25	0	20.34	20.28	20.32		
5	64QAM	1	0	20.36	20.38	20.33		
5	64QAM	1	12	20.28	20.37	20.28	22	2
5	64QAM	1	24	20.14	20.08	20.16		
5	64QAM	12	0	19.40	19.44	19.36		
5	64QAM	12	7	19.38	19.38	19.42	21	3
5	64QAM	12	13	19.32	19.24	19.29		
5	64QAM	25	0	19.45	19.42	19.44		
5	256QAM	1	0	17.35	17.40	17.41		
5	256QAM	1	12	17.37	17.41	17.33	19	5
5	256QAM	1	24	17.36	17.31	17.28		
5	256QAM	12	0	17.33	17.34	17.39		
5	256QAM	12	7	17.26	17.28	17.31	19	5
5	256QAM	12	13	17.36	17.36	17.25		
5	256QAM	25	0	17.12	17.11	17.23		

Band 17 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.34	22.38	22.33		
10	QPSK	1	25	22.32	22.35	22.25	24	0
10	QPSK	1	49	22.30	22.26	22.28		
10	QPSK	25	0	21.35	21.45	21.37		
10	QPSK	25	12	21.30	21.39	21.31	23	1
10	QPSK	25	25	21.33	21.33	21.30		
10	QPSK	50	0	21.31	21.37	21.35		
10	16QAM	1	0	21.29	21.41	21.29		
10	16QAM	1	25	21.24	21.25	21.27	23	1
10	16QAM	1	49	21.23	21.30	21.31		
10	16QAM	25	0	20.37	20.47	20.35		
10	16QAM	25	12	20.27	20.37	20.38	22	2
10	16QAM	25	25	20.38	20.39	20.34		
10	16QAM	50	0	20.35	20.34	20.45		
10	64QAM	1	0	20.28	20.43	20.26		
10	64QAM	1	25	20.17	20.32	20.25	22	2
10	64QAM	1	49	20.15	20.21	20.35		
10	64QAM	25	0	19.41	19.45	19.44		
10	64QAM	25	12	19.35	19.45	19.30	21	3
10	64QAM	25	25	19.30	19.34	19.32		
10	64QAM	50	0	19.40	19.48	19.32		
10	256QAM	1	0	17.47	17.50	17.49		
10	256QAM	1	25	17.24	17.37	17.27	19	5
10	256QAM	1	49	17.32	17.34	17.31		
10	256QAM	25	0	17.43	17.38	17.47		
10	256QAM	25	12	17.26	17.35	17.28	19	5
10	256QAM	25	25	17.11	17.25	17.27		
10	256QAM	50	0	17.17	17.25	17.29		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.31	22.35	22.28		
5	QPSK	1	12	22.23	22.25	22.11	24	0
5	QPSK	1	24	22.18	22.18	22.20		
5	QPSK	12	0	21.28	21.39	21.34		
5	QPSK	12	7	21.21	21.25	21.24	23	1
5	QPSK	12	13	21.27	21.20	21.16		
5	QPSK	25	0	21.17	21.27	21.30		
5	16QAM	1	0	21.16	21.27	21.22		
5	16QAM	1	12	21.15	21.20	21.22	23	1
5	16QAM	1	24	21.13	21.20	21.25		
5	16QAM	12	0	20.28	20.42	20.20		
5	16QAM	12	7	20.19	20.26	20.32	22	2
5	16QAM	12	13	20.33	20.33	20.23		
5	16QAM	25	0	20.23	20.21	20.35		
5	64QAM	1	0	20.16	20.29	20.16		
5	64QAM	1	12	20.13	20.29	20.17	22	2
5	64QAM	1	24	20.06	20.11	20.28		
5	64QAM	12	0	19.38	19.36	19.34		
5	64QAM	12	7	19.23	19.30	19.22	21	3
5	64QAM	12	13	19.21	19.20	19.27		
5	64QAM	25	0	19.30	19.36	19.19		
5	256QAM	1	0	17.39	17.41	17.35		
5	256QAM	1	12	17.14	17.31	17.22	19	5
5	256QAM	1	24	17.21	17.21	17.18		
5	256QAM	12	0	17.36	17.30	17.33		
5	256QAM	12	7	17.20	17.24	17.17	19	5
5	256QAM	12	13	17.02	17.15	17.20		
5	256QAM	25	0	17.11	17.12	17.18		

Band 26 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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.71	22.77	22.61	24	0
15	QPSK	1	37	22.70	22.67	22.49		
15	QPSK	1	74	22.70	22.75	22.56		
15	QPSK	36	0	21.69	21.80	21.67	23	1
15	QPSK	36	20	21.72	21.67	21.46		
15	QPSK	36	39	21.64	21.70	21.65		
15	QPSK	75	0	21.63	21.76	21.74		
15	16QAM	1	0	21.56	21.59	21.62	23	1
15	16QAM	1	37	21.57	21.50	21.38		
15	16QAM	1	74	21.64	21.53	21.59		
15	16QAM	36	0	20.68	20.79	20.82	22	2
15	16QAM	36	20	20.68	20.70	20.54		
15	16QAM	36	39	20.61	20.67	20.65		
15	16QAM	75	0	20.76	20.76	20.62		
15	64QAM	1	0	20.56	20.71	20.67	22	2
15	64QAM	1	37	20.57	20.46	20.29		
15	64QAM	1	74	20.53	20.55	20.57		
15	64QAM	36	0	19.70	19.77	19.67	21	3
15	64QAM	36	20	19.78	19.71	19.46		
15	64QAM	36	39	19.75	19.72	19.53		
15	64QAM	75	0	19.68	19.76	19.78		
15	256QAM	1	0	17.78	17.82	17.72	19	5
15	256QAM	1	37	17.74	17.59	17.51		
15	256QAM	1	74	17.71	17.58	17.68		
15	256QAM	36	0	17.78	17.78	17.73	19	5
15	256QAM	36	20	17.49	17.59	17.58		
15	256QAM	36	39	17.66	17.45	17.30		
15	256QAM	75	0	17.55	17.51	17.52		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.56	22.67	22.55	24	0
10	QPSK	1	25	22.58	22.64	22.39		
10	QPSK	1	49	22.62	22.66	22.47		
10	QPSK	25	0	21.58	21.65	21.58	23	1
10	QPSK	25	12	21.62	21.59	21.37		
10	QPSK	25	25	21.49	21.57	21.57		
10	QPSK	50	0	21.49	21.64	21.69		
10	16QAM	1	0	21.50	21.48	21.49	23	1
10	16QAM	1	25	21.47	21.42	21.29		
10	16QAM	1	49	21.61	21.47	21.51		
10	16QAM	25	0	20.59	20.69	20.73	22	2
10	16QAM	25	12	20.56	20.55	20.43		
10	16QAM	25	25	20.51	20.55	20.61		
10	16QAM	50	0	20.62	20.66	20.57		
10	64QAM	1	0	20.43	20.66	20.56	22	2
10	64QAM	1	25	20.47	20.35	20.22		
10	64QAM	1	49	20.45	20.47	20.51		
10	64QAM	25	0	19.57	19.71	19.52	21	3
10	64QAM	25	12	19.66	19.64	19.31		
10	64QAM	25	25	19.70	19.69	19.48		
10	64QAM	50	0	19.61	19.68	19.64		
10	256QAM	1	0	17.74	17.67	17.65	19	5
10	256QAM	1	25	17.61	17.51	17.42		
10	256QAM	1	49	17.58	17.49	17.57		
10	256QAM	25	0	17.66	17.63	17.60	19	5
10	256QAM	25	12	17.39	17.46	17.45		
10	256QAM	25	25	17.52	17.36	17.18		
10	256QAM	50	0	17.51	17.42	17.39		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.66	22.65	22.48	24	0
5	QPSK	1	12	22.62	22.57	22.37		
5	QPSK	1	24	22.59	22.65	22.41		
5	QPSK	12	0	21.64	21.69	21.54	23	1
5	QPSK	12	7	21.69	21.61	21.40		
5	QPSK	12	13	21.51	21.58	21.50		
5	QPSK	25	0	21.60	21.67	21.71		
5	16QAM	1	0	21.51	21.45	21.55	23	1
5	16QAM	1	12	21.51	21.37	21.28		
5	16QAM	1	24	21.52	21.42	21.55		
5	16QAM	12	0	20.57	20.65	20.78	22	2
5	16QAM	12	7	20.58	20.62	20.42		
5	16QAM	12	13	20.53	20.60	20.61		
5	16QAM	25	0	20.62	20.72	20.54		
5	64QAM	1	0	20.46	20.64	20.62	22	2
5	64QAM	1	12	20.49	20.32	20.26		
5	64QAM	1	24	20.45	20.46	20.51		
5	64QAM	12	0	19.63	19.67	19.54	21	3
5	64QAM	12	7	19.71	19.64	19.34		
5	64QAM	12	13	19.64	19.59	19.41		
5	64QAM	25	0	19.58	19.71	19.70		
5	256QAM	1	0	17.66	17.69	17.69	19	5
5	256QAM	1	12	17.66	17.47	17.38		
5	256QAM	1	24	17.57	17.51	17.55		
5	256QAM	12	0	17.70	17.65	17.63	19	5
5	256QAM	12	7	17.45	17.47	17.50		
5	256QAM	12	13	17.59	17.39	17.25		
5	256QAM	25	0	17.43	17.47	17.39		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.59	22.70	22.49	24	0
3	QPSK	1	8	22.65	22.62	22.35		
3	QPSK	1	14	22.58	22.71	22.42		
3	QPSK	8	0	21.54	21.68	21.63	23	1
3	QPSK	8	4	21.66	21.64	21.38		
3	QPSK	8	7	21.56	21.57	21.56		
3	QPSK	15	0	21.50	21.65	21.64		
3	16QAM	1	0	21.44	21.52	21.56	23	1
3	16QAM	1	8	21.52	21.42	21.33		
3	16QAM	1	14	21.51	21.40	21.44		
3	16QAM	8	0	20.58	20.72	20.71	22	2
3	16QAM	8	4	20.55	20.57	20.51		
3	16QAM	8	7	20.55	20.53	20.55		
3	16QAM	15	0	20.62	20.64	20.57		
3	64QAM	1	0	20.44	20.67	20.57	22	2
3	64QAM	1	8	20.53	20.40	20.21		
3	64QAM	1	14	20.46	20.50	20.52		
3	64QAM	8	0	19.63	19.70	19.59	21	3
3	64QAM	8	4	19.68	19.64	19.36		
3	64QAM	8	7	19.62	19.57	19.49		
3	64QAM	15	0	19.64	19.62	19.67		
3	256QAM	1	0	17.74	17.72	17.61	19	5
3	256QAM	1	8	17.63	17.55	17.45		
3	256QAM	1	14	17.63	17.48	17.65		
3	256QAM	8	0	17.69	17.67	17.63	19	5
3	256QAM	8	4	17.42	17.47	17.50		
3	256QAM	8	7	17.60	17.37	17.24		
3	256QAM	15	0	17.41	17.42	17.44		
Channel				26677	26865	27053	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.62	22.64	22.47	24	0
1.4	QPSK	1	3	22.62	22.57	22.44		
1.4	QPSK	1	5	22.59	22.61	22.50		
1.4	QPSK	3	0	22.53	22.51	22.39		
1.4	QPSK	3	1	22.55	22.48	22.38		
1.4	QPSK	3	3	22.55	22.53	22.42		
1.4	QPSK	6	0	21.48	21.67	21.59	23	1
1.4	16QAM	1	0	21.52	21.65	21.50	23	1
1.4	16QAM	1	3	21.42	21.36	21.27		
1.4	16QAM	1	5	21.52	21.47	21.45		
1.4	16QAM	3	0	21.41	21.63	21.53		
1.4	16QAM	3	1	21.41	21.48	21.46		
1.4	16QAM	3	3	21.28	21.29	21.20		
1.4	16QAM	6	0	20.61	20.71	20.51	22	2
1.4	64QAM	1	0	20.42	20.64	20.55	22	2
1.4	64QAM	1	3	20.49	20.35	20.24		
1.4	64QAM	1	5	20.39	20.52	20.51		
1.4	64QAM	3	0	20.50	20.61	20.41		
1.4	64QAM	3	1	20.32	20.59	20.42		
1.4	64QAM	3	3	20.41	20.28	20.21		
1.4	64QAM	6	0	19.54	19.62	19.74	21	3
1.4	256QAM	1	0	17.74	17.74	17.63	19	5
1.4	256QAM	1	3	17.69	17.51	17.44		
1.4	256QAM	1	5	17.61	17.51	17.53		
1.4	256QAM	3	0	17.64	17.65	17.70		
1.4	256QAM	3	1	17.44	17.55	17.45		
1.4	256QAM	3	3	17.63	17.34	17.47		
1.4	256QAM	6	0	17.51	17.43	17.42	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.32	21.40	21.35	22.5	0
20	QPSK	1	49	21.25	21.22	21.27		
20	QPSK	1	99	21.21	21.24	21.24		
20	QPSK	50	0	20.20	20.36	20.27	21.5	1
20	QPSK	50	24	20.23	20.18	20.25		
20	QPSK	50	50	20.22	20.30	20.23		
20	QPSK	100	0	20.19	20.31	20.30		
20	16QAM	1	0	20.19	20.24	20.20	21.5	1
20	16QAM	1	49	20.27	20.14	20.22		
20	16QAM	1	99	20.17	20.24	20.13		
20	16QAM	50	0	19.24	19.42	19.30	20.5	2
20	16QAM	50	24	19.27	19.24	19.32		
20	16QAM	50	50	19.34	19.27	19.23		
20	16QAM	100	0	19.25	19.31	19.24		
20	64QAM	1	0	19.20	19.28	19.13	20.5	2
20	64QAM	1	49	19.15	19.23	19.18		
20	64QAM	1	99	19.11	19.30	19.18		
20	64QAM	50	0	18.29	18.35	18.28	19.5	3
20	64QAM	50	24	18.28	18.23	18.32		
20	64QAM	50	50	18.19	18.33	18.13		
20	64QAM	100	0	18.21	18.41	18.19		
20	256QAM	1	0	16.30	16.32	16.29	17.5	5
20	256QAM	1	49	16.25	16.31	16.28		
20	256QAM	1	99	16.17	16.32	16.15		
20	256QAM	50	0	16.26	16.30	16.30	17.5	5
20	256QAM	50	24	16.16	16.28	16.29		
20	256QAM	50	50	16.20	16.17	16.17		
20	256QAM	100	0	16.13	16.21	16.16		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.24	21.36	21.25	22.5	0
15	QPSK	1	37	21.20	21.09	21.14		
15	QPSK	1	74	21.16	21.15	21.15		
15	QPSK	36	0	20.16	20.24	20.13	21.5	1
15	QPSK	36	20	20.12	20.13	20.12		
15	QPSK	36	39	20.12	20.24	20.12		
15	QPSK	75	0	20.05	20.20	20.27		
15	16QAM	1	0	20.05	20.13	20.10	21.5	1
15	16QAM	1	37	20.20	20.11	20.14		
15	16QAM	1	74	20.11	20.21	20.07		
15	16QAM	36	0	19.10	19.30	19.20	20.5	2
15	16QAM	36	20	19.17	19.21	19.25		
15	16QAM	36	39	19.29	19.23	19.15		
15	16QAM	75	0	19.19	19.18	19.20		
15	64QAM	1	0	19.06	19.18	19.00	20.5	2
15	64QAM	1	37	19.08	19.10	19.10		
15	64QAM	1	74	19.03	19.21	19.08		
15	64QAM	36	0	18.20	18.27	18.13	19.5	3
15	64QAM	36	20	18.22	18.14	18.23		
15	64QAM	36	39	18.06	18.19	18.04		
15	64QAM	75	0	18.07	18.36	18.08		
15	256QAM	1	0	16.20	16.19	16.18	17.5	5
15	256QAM	1	37	16.11	16.25	16.18		
15	256QAM	1	74	16.12	16.23	16.11		
15	256QAM	36	0	16.17	16.21	16.15	17.5	5
15	256QAM	36	20	16.07	16.20	16.26		
15	256QAM	36	39	16.13	16.06	16.11		
15	256QAM	75	0	16.07	16.11	16.08		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.26	21.26	21.24	22.5	0
10	QPSK	1	25	21.15	21.13	21.18		
10	QPSK	1	49	21.11	21.14	21.17		
10	QPSK	25	0	20.15	20.24	20.22	21.5	1
10	QPSK	25	12	20.18	20.12	20.20		
10	QPSK	25	25	20.07	20.23	20.20		
10	QPSK	50	0	20.14	20.21	20.15		
10	16QAM	1	0	20.09	20.16	20.07	21.5	1
10	16QAM	1	25	20.19	20.09	20.11		
10	16QAM	1	49	20.08	20.13	20.01		
10	16QAM	25	0	19.13	19.31	19.22	20.5	2
10	16QAM	25	12	19.17	19.11	19.17		
10	16QAM	25	25	19.19	19.17	19.09		
10	16QAM	50	0	19.22	19.25	19.20		
10	64QAM	1	0	19.10	19.22	18.99	20.5	2
10	64QAM	1	25	19.08	19.19	19.10		
10	64QAM	1	49	19.08	19.17	19.08		
10	64QAM	25	0	18.23	18.25	18.20	19.5	3
10	64QAM	25	12	18.22	18.11	18.28		
10	64QAM	25	25	18.09	18.20	18.06		
10	64QAM	50	0	18.11	18.34	18.06		
10	256QAM	1	0	16.17	16.23	16.16	17.5	5
10	256QAM	1	25	16.12	16.27	16.23		
10	256QAM	1	49	16.07	16.26	16.03		
10	256QAM	25	0	16.18	16.24	16.25	17.5	5
10	256QAM	25	12	16.02	16.18	16.15		
10	256QAM	25	25	16.10	16.05	16.06		
10	256QAM	50	0	16.08	16.18	16.10		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.18	21.36	21.31	22.5	0
5	QPSK	1	12	21.10	21.15	21.20		
5	QPSK	1	24	21.15	21.15	21.14		
5	QPSK	12	0	20.17	20.31	20.22	21.5	1
5	QPSK	12	7	20.09	20.13	20.16		
5	QPSK	12	13	20.13	20.19	20.20		
5	QPSK	25	0	20.11	20.18	20.24		
5	16QAM	1	0	20.10	20.19	20.13	21.5	1
5	16QAM	1	12	20.22	19.99	20.16		
5	16QAM	1	24	20.03	20.20	20.03		
5	16QAM	12	0	19.11	19.27	19.16	20.5	2
5	16QAM	12	7	19.21	19.14	19.25		
5	16QAM	12	13	19.30	19.22	19.09		
5	16QAM	25	0	19.17	19.18	19.20		
5	64QAM	1	0	19.12	19.22	19.00	20.5	2
5	64QAM	1	12	19.05	19.13	19.09		
5	64QAM	1	24	19.00	19.19	19.04		
5	64QAM	12	0	18.25	18.32	18.21	19.5	3
5	64QAM	12	7	18.13	18.19	18.23		
5	64QAM	12	13	18.10	18.28	18.07		
5	64QAM	25	0	18.07	18.28	18.09		
5	256QAM	1	0	16.23	16.25	16.18	17.5	5
5	256QAM	1	12	16.18	16.18	16.23		
5	256QAM	1	24	16.05	16.29	16.04		
5	256QAM	12	0	16.16	16.23	16.27	17.5	5
5	256QAM	12	7	16.09	16.21	16.23		
5	256QAM	12	13	16.13	16.12	16.08		
5	256QAM	25	0	16.01	16.12	16.05		
Channel				131947	132322	132697	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.23	21.34	21.24	22.5	0
3	QPSK	1	8	21.17	21.12	21.18		
3	QPSK	1	14	21.11	21.16	21.14		
3	QPSK	8	0	20.05	20.30	20.12	21.5	1
3	QPSK	8	4	20.10	20.09	20.13		
3	QPSK	8	7	20.11	20.25	20.17		
3	QPSK	15	0	20.13	20.24	20.23		
3	16QAM	1	0	20.16	20.11	20.10	21.5	1
3	16QAM	1	8	20.15	20.01	20.16		
3	16QAM	1	14	20.12	20.10	20.07		
3	16QAM	8	0	19.10	19.37	19.21	20.5	2
3	16QAM	8	4	19.21	19.11	19.22		
3	16QAM	8	7	19.27	19.21	19.17		
3	16QAM	15	0	19.20	19.24	19.16	20.5	2
3	64QAM	1	0	19.14	19.23	19.02		
3	64QAM	1	8	19.03	19.08	19.12		
3	64QAM	1	14	18.97	19.19	19.09		
3	64QAM	8	0	18.23	18.22	18.18	19.5	3
3	64QAM	8	4	18.22	18.18	18.21		
3	64QAM	8	7	18.15	18.19	18.05		
3	64QAM	15	0	18.10	18.38	18.07		
3	256QAM	1	0	16.15	16.28	16.15	17.5	5
3	256QAM	1	8	16.12	16.20	16.20		
3	256QAM	1	14	16.06	16.24	16.08		
3	256QAM	8	0	16.16	16.21	16.16	17.5	5
3	256QAM	8	4	16.02	16.23	16.18		
3	256QAM	8	7	16.09	16.14	16.04		
3	256QAM	15	0	16.06	16.12	16.10		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.21	21.36	21.22	22.5	0
1.4	QPSK	1	3	21.17	21.11	21.20		
1.4	QPSK	1	5	21.11	21.18	21.20		
1.4	QPSK	3	0	21.16	21.30	21.12		
1.4	QPSK	3	1	21.05	21.00	21.16		
1.4	QPSK	3	3	21.03	21.11	21.15		
1.4	QPSK	6	0	20.10	20.19	20.17	21.5	1
1.4	16QAM	1	0	20.14	20.11	20.10	21.5	1
1.4	16QAM	1	3	20.13	20.06	20.11		
1.4	16QAM	1	5	20.09	20.13	20.06		
1.4	16QAM	3	0	19.96	20.04	20.13		
1.4	16QAM	3	1	20.05	20.06	20.02		
1.4	16QAM	3	3	20.02	19.93	19.96		
1.4	16QAM	6	0	19.18	19.23	19.18	20.5	2
1.4	64QAM	1	0	19.10	19.14	18.99	20.5	2
1.4	64QAM	1	3	19.04	19.17	19.09		
1.4	64QAM	1	5	19.03	19.25	19.08		
1.4	64QAM	3	0	19.09	19.10	19.03		
1.4	64QAM	3	1	18.96	19.04	18.94		
1.4	64QAM	3	3	18.93	19.08	18.96		
1.4	64QAM	6	0	18.11	18.28	18.11	19.5	3
1.4	256QAM	1	0	16.17	16.29	16.22	17.5	5
1.4	256QAM	1	3	16.18	16.19	16.16		
1.4	256QAM	1	5	16.07	16.18	16.02		
1.4	256QAM	3	0	16.20	16.19	16.19		
1.4	256QAM	3	1	16.04	16.21	16.18		
1.4	256QAM	3	3	16.06	16.12	16.08		
1.4	256QAM	6	0	16.03	16.13	16.07	17.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.58	21.62	21.56	23	0
20	QPSK	1	49	21.57	21.59	21.54		
20	QPSK	1	99	21.50	21.54	21.50		
20	QPSK	50	0	20.61	20.67	20.58	22	1
20	QPSK	50	24	20.58	20.63	20.57		
20	QPSK	50	50	20.54	20.51	20.56		
20	QPSK	100	0	20.52	20.59	20.51		
20	16QAM	1	0	20.58	20.58	20.51	22	1
20	16QAM	1	49	20.55	20.60	20.54		
20	16QAM	1	99	20.50	20.48	20.51		
20	16QAM	50	0	19.64	19.69	19.57	21	2
20	16QAM	50	24	19.52	19.59	19.59		
20	16QAM	50	50	19.51	19.47	19.56		
20	16QAM	100	0	19.54	19.56	19.48		
20	64QAM	1	0	19.62	19.60	19.50	21	2
20	64QAM	1	49	19.51	19.59	19.52		
20	64QAM	1	99	19.53	19.45	19.46		
20	64QAM	50	0	18.57	18.72	18.59	20	3
20	64QAM	50	24	18.51	18.61	18.51		
20	64QAM	50	50	18.56	18.45	18.62		
20	64QAM	100	0	18.52	18.57	18.57		
20	256QAM	1	0	16.60	16.70	16.59	18	5
20	256QAM	1	49	16.54	16.63	16.60		
20	256QAM	1	99	16.59	16.46	16.58		
20	256QAM	50	0	16.52	16.55	16.51	18	5
20	256QAM	50	24	16.56	16.61	16.50		
20	256QAM	50	50	16.61	16.57	16.53		
20	256QAM	100	0	16.51	16.47	16.52		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.45	21.56	21.49	23	0
15	QPSK	1	37	21.50	21.49	21.44		
15	QPSK	1	74	21.40	21.48	21.35		
15	QPSK	36	0	20.54	20.59	20.53	22	1
15	QPSK	36	20	20.42	20.49	20.52		
15	QPSK	36	39	20.47	20.48	20.48		
15	QPSK	75	0	20.38	20.47	20.41		
15	16QAM	1	0	20.53	20.53	20.43	22	1
15	16QAM	1	37	20.45	20.51	20.46		
15	16QAM	1	74	20.43	20.41	20.46		
15	16QAM	36	0	19.61	19.64	19.54	21	2
15	16QAM	36	20	19.43	19.46	19.53		
15	16QAM	36	39	19.42	19.38	19.42		
15	16QAM	75	0	19.50	19.42	19.33		
15	64QAM	1	0	19.52	19.46	19.36	21	2
15	64QAM	1	37	19.40	19.48	19.43		
15	64QAM	1	74	19.39	19.34	19.40		
15	64QAM	36	0	18.47	18.57	18.54	20	3
15	64QAM	36	20	18.40	18.49	18.40		
15	64QAM	36	39	18.41	18.37	18.56		
15	64QAM	75	0	18.38	18.52	18.44		
15	256QAM	1	0	16.54	16.56	16.45	18	5
15	256QAM	1	37	16.43	16.50	16.52		
15	256QAM	1	74	16.55	16.35	16.54		
15	256QAM	36	0	16.41	16.43	16.37	18	5
15	256QAM	36	20	16.41	16.57	16.45		
15	256QAM	36	39	16.54	16.42	16.40		
15	256QAM	75	0	16.42	16.36	16.48		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.55	21.57	21.44	23	0
10	QPSK	1	25	21.51	21.52	21.43		
10	QPSK	1	49	21.46	21.48	21.44		
10	QPSK	25	0	20.54	20.57	20.46	22	1
10	QPSK	25	12	20.46	20.58	20.46		
10	QPSK	25	25	20.47	20.46	20.48		
10	QPSK	50	0	20.39	20.44	20.40		
10	16QAM	1	0	20.52	20.55	20.47	22	1
10	16QAM	1	25	20.50	20.53	20.40		
10	16QAM	1	49	20.44	20.42	20.39		
10	16QAM	25	0	19.60	19.56	19.44	21	2
10	16QAM	25	12	19.43	19.49	19.50		
10	16QAM	25	25	19.47	19.39	19.52		
10	16QAM	50	0	19.41	19.44	19.40		
10	64QAM	1	0	19.54	19.56	19.36	21	2
10	64QAM	1	25	19.38	19.44	19.46		
10	64QAM	1	49	19.39	19.40	19.36		
10	64QAM	25	0	18.44	18.65	18.56	20	3
10	64QAM	25	12	18.38	18.55	18.40		
10	64QAM	25	25	18.46	18.39	18.56		
10	64QAM	50	0	18.47	18.46	18.47		
10	256QAM	1	0	16.50	16.61	16.45	18	5
10	256QAM	1	25	16.43	16.53	16.46		
10	256QAM	1	49	16.47	16.42	16.46		
10	256QAM	25	0	16.43	16.50	16.42	18	5
10	256QAM	25	12	16.50	16.53	16.35		
10	256QAM	25	25	16.50	16.51	16.39		
10	256QAM	50	0	16.38	16.40	16.39		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.55	21.58	21.48	23	0
5	QPSK	1	12	21.45	21.52	21.48		
5	QPSK	1	24	21.44	21.44	21.41		
5	QPSK	12	0	20.54	20.56	20.47	22	1
5	QPSK	12	7	20.43	20.59	20.49		
5	QPSK	12	13	20.44	20.40	20.51		
5	QPSK	25	0	20.47	20.45	20.40		
5	16QAM	1	0	20.49	20.50	20.47	22	1
5	16QAM	1	12	20.44	20.48	20.41		
5	16QAM	1	24	20.39	20.44	20.38		
5	16QAM	12	0	19.53	19.58	19.52	21	2
5	16QAM	12	7	19.47	19.45	19.49		
5	16QAM	12	13	19.42	19.33	19.48		
5	16QAM	25	0	19.45	19.50	19.34		
5	64QAM	1	0	19.51	19.51	19.47	21	2
5	64QAM	1	12	19.44	19.55	19.48		
5	64QAM	1	24	19.45	19.41	19.39		
5	64QAM	12	0	18.52	18.60	18.55	20	3
5	64QAM	12	7	18.46	18.57	18.43		
5	64QAM	12	13	18.49	18.30	18.56		
5	64QAM	25	0	18.45	18.47	18.43		
5	256QAM	1	0	16.45	16.65	16.53	18	5
5	256QAM	1	12	16.41	16.58	16.49		
5	256QAM	1	24	16.53	16.39	16.55		
5	256QAM	12	0	16.44	16.47	16.37	18	5
5	256QAM	12	7	16.42	16.53	16.36		
5	256QAM	12	13	16.49	16.43	16.44		
5	256QAM	25	0	16.42	16.44	16.45		

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BW [MHz]	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	24.61	24.66	24.63	26	0
20	QPSK	1	49	24.59	24.58	24.64		
20	QPSK	1	99	24.57	24.56	24.62		
20	QPSK	50	0	23.60	23.71	23.66	25	1
20	QPSK	50	24	23.53	23.58	23.68		
20	QPSK	50	50	23.56	23.60	23.67		
20	QPSK	100	0	23.60	23.68	23.65		
20	16QAM	1	0	23.60	23.67	23.55	25	1
20	16QAM	1	49	23.45	23.50	23.62		
20	16QAM	1	99	23.48	23.57	23.64		
20	16QAM	50	0	22.57	22.67	22.64	24	2
20	16QAM	50	24	22.54	22.62	22.64		
20	16QAM	50	50	22.57	22.62	22.67		
20	16QAM	100	0	22.63	22.64	22.69		
20	64QAM	1	0	22.55	22.66	22.60	24	2
20	64QAM	1	49	22.49	22.46	22.60		
20	64QAM	1	99	22.51	22.60	22.62		
20	64QAM	50	0	21.55	21.72	21.71	23	3
20	64QAM	50	24	21.50	21.64	21.70		
20	64QAM	50	50	21.50	21.59	21.67		
20	64QAM	100	0	21.58	21.72	21.63		
20	256QAM	1	0	19.63	19.65	19.63	21	5
20	256QAM	1	49	19.57	19.63	19.66		
20	256QAM	1	99	19.59	19.58	19.63		
20	256QAM	50	0	19.56	19.67	19.65	21	5
20	256QAM	50	24	19.63	19.67	19.60		
20	256QAM	50	50	19.42	19.45	19.65		
20	256QAM	100	0	19.52	19.56	19.61		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.57	24.53	24.57	26	0
15	QPSK	1	37	24.49	24.44	24.50		
15	QPSK	1	74	24.50	24.42	24.51		
15	QPSK	36	0	23.54	23.57	23.55	25	1
15	QPSK	36	20	23.44	23.45	23.62		
15	QPSK	36	39	23.48	23.48	23.61		
15	QPSK	75	0	23.53	23.58	23.61		
15	16QAM	1	0	23.49	23.58	23.45	25	1
15	16QAM	1	37	23.37	23.37	23.58		
15	16QAM	1	74	23.38	23.48	23.50		
15	16QAM	36	0	22.42	22.56	22.51	24	2
15	16QAM	36	20	22.40	22.59	22.60		
15	16QAM	36	39	22.45	22.52	22.57		
15	16QAM	75	0	22.60	22.56	22.56		
15	64QAM	1	0	22.47	22.56	22.50	24	2
15	64QAM	1	37	22.35	22.40	22.50		
15	64QAM	1	74	22.36	22.46	22.53		
15	64QAM	36	0	21.41	21.59	21.68	23	3
15	64QAM	36	20	21.47	21.51	21.58		
15	64QAM	36	39	21.36	21.45	21.62		
15	64QAM	75	0	21.49	21.66	21.49		
15	256QAM	1	0	19.56	19.51	19.52	21	5
15	256QAM	1	37	19.43	19.53	19.54		
15	256QAM	1	74	19.51	19.50	19.49		
15	256QAM	36	0	19.52	19.58	19.57	21	5
15	256QAM	36	20	19.59	19.52	19.53		
15	256QAM	36	39	19.32	19.32	19.58		
15	256QAM	75	0	19.45	19.42	19.57		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.53	24.59	24.54	26	0
10	QPSK	1	25	24.45	24.51	24.52		
10	QPSK	1	49	24.47	24.43	24.59		
10	QPSK	25	0	23.46	23.66	23.56	25	1
10	QPSK	25	12	23.49	23.49	23.54		
10	QPSK	25	25	23.53	23.52	23.53		
10	QPSK	50	0	23.47	23.61	23.50		
10	16QAM	1	0	23.49	23.57	23.41	25	1
10	16QAM	1	25	23.38	23.40	23.47		
10	16QAM	1	49	23.44	23.53	23.54		
10	16QAM	25	0	22.53	22.61	22.56	24	2
10	16QAM	25	12	22.50	22.48	22.59		
10	16QAM	25	25	22.47	22.49	22.60		
10	16QAM	50	0	22.53	22.60	22.56		
10	64QAM	1	0	22.50	22.61	22.50	24	2
10	64QAM	1	25	22.41	22.38	22.49		
10	64QAM	1	49	22.38	22.49	22.57		
10	64QAM	25	0	21.41	21.67	21.67	23	3
10	64QAM	25	12	21.38	21.58	21.55		
10	64QAM	25	25	21.41	21.48	21.58		
10	64QAM	50	0	21.45	21.65	21.52		
10	256QAM	1	0	19.51	19.61	19.54	21	5
10	256QAM	1	25	19.49	19.56	19.52		
10	256QAM	1	49	19.51	19.46	19.58		
10	256QAM	25	0	19.46	19.62	19.52	21	5
10	256QAM	25	12	19.60	19.60	19.49		
10	256QAM	25	25	19.32	19.36	19.59		
10	256QAM	50	0	19.40	19.52	19.52		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.49	24.55	24.56	26	0
5	QPSK	1	12	24.54	24.43	24.56		
5	QPSK	1	24	24.48	24.45	24.55		
5	QPSK	12	0	23.46	23.57	23.51	25	1
5	QPSK	12	7	23.49	23.51	23.55		
5	QPSK	12	13	23.44	23.51	23.61		
5	QPSK	25	0	23.56	23.55	23.57		
5	16QAM	1	0	23.49	23.55	23.44	25	1
5	16QAM	1	12	23.37	23.45	23.48		
5	16QAM	1	24	23.41	23.45	23.59		
5	16QAM	12	0	22.50	22.59	22.60	24	2
5	16QAM	12	7	22.49	22.54	22.50		
5	16QAM	12	13	22.51	22.51	22.63		
5	16QAM	25	0	22.57	22.59	22.62		
5	64QAM	1	0	22.40	22.60	22.45	24	2
5	64QAM	1	12	22.44	22.33	22.49		
5	64QAM	1	24	22.39	22.51	22.51		
5	64QAM	12	0	21.50	21.69	21.60	23	3
5	64QAM	12	7	21.38	21.53	21.60		
5	64QAM	12	13	21.41	21.52	21.58		
5	64QAM	25	0	21.48	21.58	21.51		
5	256QAM	1	0	19.51	19.60	19.57	21	5
5	256QAM	1	12	19.46	19.56	19.56		
5	256QAM	1	24	19.52	19.53	19.59		
5	256QAM	12	0	19.49	19.55	19.59	21	5
5	256QAM	12	7	19.58	19.54	19.50		
5	256QAM	12	13	19.27	19.36	19.51		
5	256QAM	25	0	19.48	19.51	19.56		

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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	21.58	21.64	21.66	21.63	21.60	23	0
20	QPSK	1	49	21.62	21.61	21.63	21.55	21.63		
20	QPSK	1	99	21.56	21.54	21.58	21.57	21.52		
20	QPSK	50	0	20.63	20.63	20.73	20.69	20.68	22	1
20	QPSK	50	24	20.59	20.60	20.71	20.58	20.58		
20	QPSK	50	50	20.55	20.56	20.58	20.55	20.65		
20	QPSK	100	0	20.52	20.56	20.58	20.54	20.56		
20	16QAM	1	0	20.65	20.63	20.65	20.54	20.59	22	1
20	16QAM	1	49	20.59	20.59	20.60	20.65	20.64		
20	16QAM	1	99	20.56	20.54	20.53	20.61	20.50		
20	16QAM	50	0	19.71	19.68	19.75	19.67	19.72	21	2
20	16QAM	50	24	19.62	19.62	19.61	19.67	19.54		
20	16QAM	50	50	19.60	19.50	19.55	19.63	19.52		
20	16QAM	100	0	19.58	19.55	19.55	19.50	19.62		
20	64QAM	1	0	19.67	19.72	19.71	19.57	19.62	21	2
20	64QAM	1	49	19.52	19.53	19.69	19.56	19.59		
20	64QAM	1	99	19.59	19.56	19.47	19.55	19.57		
20	64QAM	50	0	18.57	18.63	18.81	18.67	18.62	20	3
20	64QAM	50	24	18.61	18.56	18.68	18.53	18.56		
20	64QAM	50	50	18.66	18.61	18.49	18.65	18.65		
20	64QAM	100	0	18.61	18.60	18.66	18.59	18.58		
20	256QAM	1	0	16.65	16.62	16.74	16.62	16.66	18	5
20	256QAM	1	49	16.61	16.60	16.67	16.69	16.60		
20	256QAM	1	99	16.67	16.64	16.57	16.63	16.68		
20	256QAM	50	0	16.57	16.59	16.62	16.60	16.60	18	5
20	256QAM	50	24	16.60	16.64	16.70	16.54	16.64		
20	256QAM	50	50	16.67	16.71	16.63	16.59	16.69		
20	256QAM	100	0	16.57	16.61	16.57	16.56	16.58		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.50	21.49	21.56	21.53	21.45	23.00	0
15	QPSK	1	37	21.53	21.49	21.49	21.47	21.60		
15	QPSK	1	74	21.53	21.46	21.45	21.47	21.38		
15	QPSK	36	0	20.50	20.49	20.59	20.56	20.62	22	1
15	QPSK	36	20	20.50	20.48	20.64	20.49	20.51		
15	QPSK	36	39	20.40	20.42	20.46	20.41	20.53		
15	QPSK	75	0	20.44	20.43	20.53	20.42	20.51		
15	16QAM	1	0	20.54	20.54	20.54	20.44	20.52	22	1
15	16QAM	1	37	20.48	20.52	20.50	20.58	20.60		
15	16QAM	1	74	20.52	20.47	20.39	20.50	20.45		
15	16QAM	36	0	19.58	19.58	19.63	19.62	19.62	21	2
15	16QAM	36	20	19.58	19.49	19.57	19.52	19.43		
15	16QAM	36	39	19.53	19.39	19.51	19.51	19.43		
15	16QAM	75	0	19.48	19.50	19.51	19.45	19.48		
15	64QAM	1	0	19.59	19.65	19.66	19.43	19.59	21	2
15	64QAM	1	37	19.38	19.39	19.57	19.46	19.53		
15	64QAM	1	74	19.45	19.47	19.41	19.49	19.52		
15	64QAM	36	0	18.48	18.60	18.70	18.58	18.48	20	3
15	64QAM	36	20	18.50	18.47	18.64	18.48	18.45		
15	64QAM	36	39	18.58	18.47	18.44	18.55	18.61		
15	64QAM	75	0	18.56	18.57	18.55	18.54	18.47		
15	256QAM	1	0	16.56	16.56	16.60	16.50	16.60	18	5
15	256QAM	1	37	16.48	16.55	16.56	16.55	16.50		
15	256QAM	1	74	16.63	16.54	16.52	16.51	16.55		
15	256QAM	36	0	16.48	16.50	16.58	16.52	16.46	18	5
15	256QAM	36	20	16.52	16.58	16.66	16.41	16.57		
15	256QAM	36	39	16.55	16.62	16.59	16.52	16.57		
15	256QAM	75	0	16.48	16.50	16.50	16.51	16.46		
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	21.60	21.60	21.52	21.50	23.00	0
10	QPSK	1	25	21.48	21.57	21.55	21.41	21.51		
10	QPSK	1	49	21.48	21.44	21.55	21.46	21.44		
10	QPSK	25	0	20.58	20.50	20.60	20.63	20.59	22	1
10	QPSK	25	12	20.47	20.51	20.59	20.45	20.51		
10	QPSK	25	25	20.42	20.42	20.53	20.43	20.59		
10	QPSK	50	0	20.43	20.43	20.50	20.41	20.50		
10	16QAM	1	0	20.55	20.54	20.57	20.48	20.55	22	1
10	16QAM	1	25	20.50	20.45	20.50	20.53	20.54		
10	16QAM	1	49	20.45	20.48	20.38	20.46	20.44		
10	16QAM	25	0	19.62	19.55	19.66	19.63	19.67	21	2
10	16QAM	25	12	19.56	19.51	19.52	19.57	19.39		
10	16QAM	25	25	19.54	19.36	19.51	19.54	19.38		
10	16QAM	50	0	19.47	19.42	19.41	19.42	19.56		
10	64QAM	1	0	19.55	19.59	19.60	19.50	19.53	21	2
10	64QAM	1	25	19.37	19.41	19.55	19.52	19.53		
10	64QAM	1	49	19.45	19.43	19.38	19.47	19.48		
10	64QAM	25	0	18.54	18.55	18.68	18.62	18.54	20	3
10	64QAM	25	12	18.50	18.48	18.62	18.45	18.43		
10	64QAM	25	25	18.52	18.57	18.35	18.61	18.57		
10	64QAM	50	0	18.57	18.49	18.57	18.46	18.55		
10	256QAM	1	0	16.59	16.54	16.60	16.55	16.57	18	5
10	256QAM	1	25	16.55	16.55	16.60	16.60	16.53		
10	256QAM	1	49	16.59	16.56	16.49	16.58	16.62		
10	256QAM	25	0	16.49	16.52	16.52	16.45	16.49	18	5
10	256QAM	25	12	16.56	16.52	16.63	16.48	16.60		
10	256QAM	25	25	16.57	16.58	16.50	16.53	16.59		
10	256QAM	50	0	16.43	16.53	16.43	16.44	16.45		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	21.53	21.56	21.58	21.54	21.57	23.00	0
5	QPSK	1	12	21.49	21.58	21.59	21.45	21.48		
5	QPSK	1	24	21.46	21.44	21.49	21.45	21.39		
5	QPSK	12	0	20.53	20.60	20.62	20.64	20.53	22	1
5	QPSK	12	7	20.52	20.53	20.65	20.50	20.45		
5	QPSK	12	13	20.41	20.42	20.51	20.47	20.58		
5	QPSK	25	0	20.37	20.48	20.46	20.46	20.53		
5	16QAM	1	0	20.54	20.50	20.59	20.43	20.51	22	1
5	16QAM	1	12	20.48	20.52	20.50	20.54	20.50		
5	16QAM	1	24	20.42	20.43	20.40	20.48	20.39		
5	16QAM	12	0	19.64	19.57	19.65	19.63	19.58	21	2
5	16QAM	12	7	19.49	19.56	19.57	19.60	19.45		
5	16QAM	12	13	19.46	19.45	19.44	19.50	19.40		
5	16QAM	25	0	19.44	19.51	19.46	19.40	19.52		
5	64QAM	1	0	19.60	19.65	19.64	19.53	19.50	21	2
5	64QAM	1	12	19.49	19.49	19.55	19.49	19.45		
5	64QAM	1	24	19.52	19.49	19.36	19.40	19.47		
5	64QAM	12	0	18.47	18.56	18.68	18.55	18.49	20	3
5	64QAM	12	7	18.55	18.49	18.62	18.43	18.51		
5	64QAM	12	13	18.53	18.56	18.42	18.55	18.59		
5	64QAM	25	0	18.52	18.50	18.52	18.49	18.51		
5	256QAM	1	0	16.56	16.59	16.65	16.54	16.53	18	5
5	256QAM	1	12	16.49	16.55	16.53	16.61	16.54		
5	256QAM	1	24	16.63	16.51	16.45	16.51	16.63		
5	256QAM	12	0	16.50	16.53	16.52	16.48	16.56	18	5
5	256QAM	12	7	16.51	16.50	16.59	16.47	16.50		
5	256QAM	12	13	16.62	16.61	16.56	16.56	16.58		
5	256QAM	25	0	16.48	16.51	16.42	16.42	16.48		

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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	24.62	24.69	24.70	24.63	24.62	26	0
20	QPSK	1	49	24.63	24.59	24.65	24.54	24.60		
20	QPSK	1	99	24.60	24.50	24.63	24.55	24.50		
20	QPSK	50	0	23.61	23.60	23.76	23.69	23.62	25	1
20	QPSK	50	24	23.64	23.61	23.69	23.58	23.53		
20	QPSK	50	50	23.58	23.58	23.61	23.60	23.66		
20	QPSK	100	0	23.55	23.61	23.64	23.48	23.58		
20	16QAM	1	0	23.67	23.69	23.70	23.50	23.58	25	1
20	16QAM	1	49	23.63	23.63	23.57	23.70	23.60		
20	16QAM	1	99	23.58	23.54	23.52	23.59	23.49		
20	16QAM	50	0	22.67	22.68	22.72	22.72	22.67	24	2
20	16QAM	50	24	22.61	22.56	22.60	22.67	22.50		
20	16QAM	50	50	22.61	22.54	22.55	22.64	22.57		
20	16QAM	100	0	22.60	22.54	22.57	22.51	22.66		
20	64QAM	1	0	22.72	22.66	22.75	22.58	22.68	24	2
20	64QAM	1	49	22.55	22.55	22.69	22.50	22.54		
20	64QAM	1	99	22.65	22.55	22.41	22.57	22.52		
20	64QAM	50	0	21.59	21.66	21.80	21.66	21.68	23	3
20	64QAM	50	24	21.61	21.51	21.73	21.58	21.52		
20	64QAM	50	50	21.67	21.58	21.52	21.62	21.60		
20	64QAM	100	0	21.67	21.60	21.67	21.56	21.53		
20	256QAM	1	0	19.68	19.61	19.77	19.58	19.69	21	5
20	256QAM	1	49	19.66	19.61	19.62	19.70	19.64		
20	256QAM	1	99	19.66	19.62	19.52	19.66	19.67		
20	256QAM	50	0	19.60	19.53	19.68	19.55	19.59	21	5
20	256QAM	50	24	19.54	19.58	19.67	19.52	19.64		
20	256QAM	50	50	19.72	19.67	19.62	19.64	19.65		
20	256QAM	100	0	19.61	19.57	19.58	19.59	19.63		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.55	24.64	24.61	24.48	24.56	26.00	0
15	QPSK	1	37	24.54	24.45	24.54	24.40	24.55		
15	QPSK	1	74	24.51	24.45	24.55	24.50	24.36		
15	QPSK	36	0	23.56	23.49	23.66	23.65	23.50	25	1
15	QPSK	36	20	23.60	23.56	23.57	23.51	23.39		
15	QPSK	36	39	23.46	23.55	23.49	23.57	23.63		
15	QPSK	75	0	23.41	23.58	23.61	23.42	23.47		
15	16QAM	1	0	23.61	23.64	23.62	23.43	23.45	25	1
15	16QAM	1	37	23.52	23.57	23.50	23.63	23.47		
15	16QAM	1	74	23.44	23.47	23.46	23.52	23.39		
15	16QAM	36	0	22.53	22.61	22.58	22.63	22.57	24	2
15	16QAM	36	20	22.57	22.43	22.56	22.60	22.40		
15	16QAM	36	39	22.51	22.41	22.41	22.54	22.46		
15	16QAM	75	0	22.46	22.41	22.47	22.45	22.61		
15	64QAM	1	0	22.59	22.56	22.62	22.45	22.55	24	2
15	64QAM	1	37	22.46	22.51	22.56	22.36	22.39		
15	64QAM	1	74	22.55	22.45	22.31	22.52	22.45		
15	64QAM	36	0	21.47	21.51	21.76	21.58	21.55	23	3
15	64QAM	36	20	21.56	21.38	21.68	21.46	21.44		
15	64QAM	36	39	21.59	21.56	21.38	21.48	21.56		
15	64QAM	75	0	21.59	21.57	21.52	21.49	21.46		
15	256QAM	1	0	19.56	19.57	19.72	19.55	19.55	21	5
15	256QAM	1	37	19.53	19.50	19.55	19.62	19.57		
15	256QAM	1	74	19.62	19.53	19.39	19.63	19.61		
15	256QAM	36	0	19.50	19.50	19.58	19.51	19.46	21	5
15	256QAM	36	20	19.44	19.54	19.54	19.48	19.59		
15	256QAM	36	39	19.62	19.63	19.47	19.57	19.58		
15	256QAM	75	0	19.56	19.53	19.49	19.52	19.55		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.57	24.60	24.67	24.50	24.57	26.00	0
10	QPSK	1	25	24.59	24.49	24.54	24.46	24.46		
10	QPSK	1	49	24.48	24.46	24.50	24.40	24.42		
10	QPSK	25	0	23.49	23.55	23.61	23.61	23.55	25	1
10	QPSK	25	12	23.56	23.58	23.65	23.51	23.41		
10	QPSK	25	25	23.48	23.52	23.55	23.54	23.61		
10	QPSK	50	0	23.41	23.53	23.60	23.39	23.54		
10	16QAM	1	0	23.56	23.63	23.61	23.46	23.47	25	1
10	16QAM	1	25	23.49	23.57	23.51	23.63	23.47		
10	16QAM	1	49	23.47	23.50	23.45	23.45	23.46		
10	16QAM	25	0	22.57	22.55	22.66	22.69	22.59	24	2
10	16QAM	25	12	22.46	22.52	22.47	22.61	22.36		
10	16QAM	25	25	22.51	22.42	22.46	22.60	22.47		
10	16QAM	50	0	22.46	22.45	22.42	22.42	22.63		
10	64QAM	1	0	22.60	22.56	22.67	22.54	22.57	24	2
10	64QAM	1	25	22.45	22.45	22.62	22.40	22.43		
10	64QAM	1	49	22.50	22.47	22.32	22.44	22.45		
10	64QAM	25	0	21.51	21.52	21.74	21.54	21.61	23	3
10	64QAM	25	12	21.48	21.45	21.59	21.45	21.38		
10	64QAM	25	25	21.58	21.46	21.47	21.54	21.54		
10	64QAM	50	0	21.59	21.54	21.60	21.49	21.39		
10	256QAM	1	0	19.62	19.58	19.66	19.47	19.61	21	5
10	256QAM	1	25	19.53	19.50	19.55	19.59	19.61		
10	256QAM	1	49	19.55	19.54	19.45	19.62	19.62		
10	256QAM	25	0	19.57	19.47	19.54	19.41	19.55	21	5
10	256QAM	25	12	19.45	19.44	19.60	19.42	19.54		
10	256QAM	25	25	19.67	19.62	19.58	19.52	19.57		
10	256QAM	50	0	19.50	19.48	19.46	19.46	19.55		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	24.57	24.62	24.66	24.49	24.54	26.00	0
5	QPSK	1	12	24.57	24.50	24.60	24.47	24.54		
5	QPSK	1	24	24.53	24.44	24.58	24.43	24.38		
5	QPSK	12	0	23.46	23.45	23.69	23.66	23.53	25	1
5	QPSK	12	7	23.60	23.51	23.54	23.44	23.50		
5	QPSK	12	13	23.43	23.51	23.51	23.49	23.52		
5	QPSK	25	0	23.51	23.54	23.50	23.33	23.50		
5	16QAM	1	0	23.57	23.62	23.62	23.40	23.52	25	1
5	16QAM	1	12	23.50	23.58	23.54	23.56	23.50		
5	16QAM	1	24	23.50	23.42	23.37	23.52	23.36		
5	16QAM	12	0	22.59	22.61	22.68	22.68	22.55	24	2
5	16QAM	12	7	22.53	22.42	22.52	22.59	22.42		
5	16QAM	12	13	22.49	22.42	22.47	22.50	22.43		
5	16QAM	25	0	22.48	22.39	22.49	22.46	22.52		
5	64QAM	1	0	22.61	22.57	22.66	22.49	22.58	24	2
5	64QAM	1	12	22.50	22.41	22.56	22.36	22.42		
5	64QAM	1	24	22.61	22.43	22.29	22.43	22.41		
5	64QAM	12	0	21.49	21.55	21.67	21.61	21.60	23	3
5	64QAM	12	7	21.56	21.45	21.61	21.50	21.39		
5	64QAM	12	13	21.60	21.45	21.38	21.57	21.52		
5	64QAM	25	0	21.60	21.55	21.61	21.48	21.45		
5	256QAM	1	0	19.62	19.53	19.74	19.46	19.65	21	5
5	256QAM	1	12	19.63	19.55	19.59	19.67	19.55		
5	256QAM	1	24	19.51	19.52	19.40	19.62	19.58		
5	256QAM	12	0	19.52	19.41	19.60	19.52	19.53	21	5
5	256QAM	12	7	19.47	19.44	19.53	19.42	19.53		
5	256QAM	12	13	19.62	19.53	19.56	19.59	19.60		
5	256QAM	25	0	19.50	19.51	19.46	19.56	19.60		

GSM1900 Ant 2 DS4	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	512	661	810	(dBm)	512	661	810	(dBm)
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.85	28.99	28.82	30.50	19.85	19.99	19.82	21.50
GPRS 1 Tx slot	28.79	28.94	28.80	30.50	19.79	19.94	19.80	21.50
GPRS 2 Tx slots	26.11	26.55	26.50	27.50	20.11	20.55	20.50	21.50
GPRS 3 Tx slots	25.05	24.78	24.74	26.00	20.79	20.52	20.48	21.74
GPRS 4 Tx slots	23.49	23.07	23.00	24.00	20.49	20.07	20.00	21.00
EDGE 1 Tx slot	24.67	24.58	24.55	25.50	15.67	15.58	15.55	16.50
EDGE 2 Tx slots	23.57	23.31	23.26	24.50	17.57	17.31	17.26	18.50
EDGE 3 Tx slots	21.86	21.81	21.68	22.50	17.60	17.55	17.42	18.24
EDGE 4 Tx slots	20.02	20.02	19.98	21.00	17.02	17.02	16.98	18.00

Band		WCDMA II Ant 2 DS4			Tune-up Limit	WCDMA IV Ant 2 DS4			Tune-up Limit
TX Channel		9262	9400	9538	(dBm)	1312	1413	1513	(dBm)
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	21.90	22.05	21.98	23.00	21.92	21.92	21.80	23.00
3GPP Rel 99	RMC 12.2Kbps	22.13	22.15	22.12	23.00	22.06	22.07	22.01	23.00
3GPP Rel 6	HSDPA Subtest-1	21.15	21.09	21.15	22.00	21.04	21.10	20.99	22.00
3GPP Rel 6	HSDPA Subtest-2	21.13	21.13	21.11	22.00	21.11	21.06	21.04	22.00
3GPP Rel 6	HSDPA Subtest-3	20.69	20.62	20.65	21.50	20.59	20.54	20.55	21.50
3GPP Rel 6	HSDPA Subtest-4	20.59	20.63	20.59	21.50	20.60	20.61	20.49	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.11	21.18	21.11	22.00	21.07	21.07	20.95	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.15	21.10	21.13	22.00	21.01	21.05	21.07	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.57	20.65	20.62	21.50	20.55	20.55	20.50	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.61	20.65	20.57	21.50	20.50	20.61	20.46	21.50
3GPP Rel 6	HSUPA Subtest-1	21.12	21.15	21.12	22.00	21.09	21.06	21.07	22.00
3GPP Rel 6	HSUPA Subtest-2	19.13	19.10	19.09	20.00	19.03	19.07	19.02	20.00
3GPP Rel 6	HSUPA Subtest-3	20.11	20.13	20.15	21.00	20.06	20.07	20.06	21.00
3GPP Rel 6	HSUPA Subtest-4	19.13	19.16	19.08	20.00	19.08	19.04	19.00	20.00
3GPP Rel 6	HSUPA Subtest-5	21.13	21.16	21.11	22.00	21.05	21.05	21.03	22.00

Band 2 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	22.60	22.63	22.58	24	0
20	QPSK	1	49	22.48	22.53	22.46		
20	QPSK	1	99	22.52	22.54	22.54		
20	QPSK	50	0	21.64	21.67	21.60		
20	QPSK	50	24	21.48	21.49	21.52	23	1
20	QPSK	50	50	21.52	21.53	21.46		
20	QPSK	100	0	21.66	21.66	21.62		
20	16QAM	1	0	21.54	21.61	21.56		
20	16QAM	1	49	21.37	21.38	21.53	23	1
20	16QAM	1	99	21.50	21.43	21.44		
20	16QAM	50	0	20.66	20.64	20.54		
20	16QAM	50	24	20.49	20.50	20.47	22	2
20	16QAM	50	50	20.52	20.57	20.43		
20	16QAM	100	0	20.52	20.63	20.67		
20	16QAM	1	0	20.60	20.66	20.50		
20	64QAM	1	49	20.40	20.42	20.53	22	2
20	64QAM	1	99	20.47	20.39	20.45		
20	64QAM	50	0	19.68	19.73	19.58		
20	64QAM	50	24	19.52	19.48	19.54	21	3
20	64QAM	50	50	19.50	19.57	19.41		
20	64QAM	100	0	19.51	19.64	19.59		
20	256QAM	1	0	17.67	17.71	17.58		
20	256QAM	1	49	17.50	17.52	17.48	19	5
20	256QAM	1	99	17.53	17.57	17.43		
20	256QAM	50	0	17.58	17.62	17.62		
20	256QAM	50	24	17.51	17.60	17.53	19	5
20	256QAM	50	50	17.33	17.40	17.53		
20	256QAM	100	0	17.55	17.43	17.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.54	22.51	22.51	24	0
15	QPSK	1	37	22.47	22.42	22.32		
15	QPSK	1	74	22.38	22.42	22.36		
15	QPSK	36	0	21.60	21.56	21.51		
15	QPSK	36	20	21.41	21.34	21.44	23	1
15	QPSK	36	39	21.46	21.40	21.33		
15	QPSK	75	0	21.41	21.59	21.50		
15	16QAM	1	0	21.49	21.53	21.41		
15	16QAM	1	37	21.32	21.24	21.42	23	1
15	16QAM	1	74	21.40	21.34	21.34		
15	16QAM	36	0	20.54	20.53	20.49		
15	16QAM	36	20	20.42	20.36	20.36	22	2
15	16QAM	36	39	20.38	20.51	20.37		
15	16QAM	75	0	20.47	20.58	20.61		
15	64QAM	1	0	20.48	20.56	20.42		
15	64QAM	1	37	20.31	20.35	20.39	22	2
15	64QAM	1	74	20.43	20.29	20.40		
15	64QAM	36	0	19.62	19.67	19.44		
15	64QAM	36	20	19.38	19.39	19.36	21	3
15	64QAM	36	39	19.38	19.54	19.28		
15	64QAM	75	0	19.41	19.52	19.48		
15	256QAM	1	0	17.56	17.67	17.48		
15	256QAM	1	37	17.42	17.38	17.45	19	5
15	256QAM	1	74	17.44	17.45	17.38		
15	256QAM	36	0	17.47	17.49	17.50		
15	256QAM	36	20	17.45	17.55	17.47	19	5
15	256QAM	36	39	17.20	17.33	17.41		
15	256QAM	75	0	17.43	17.35	17.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.45	22.50	22.53	24	0
10	QPSK	1	25	22.34	22.46	22.34		
10	QPSK	1	49	22.42	22.49	22.42		
10	QPSK	25	0	21.58	21.57	21.46		
10	QPSK	25	12	21.42	21.39	21.48	23	1
10	QPSK	25	25	21.45	21.38	21.45		
10	QPSK	50	0	21.45	21.63	21.57		
10	16QAM	1	0	21.45	21.51	21.46		
10	16QAM	1	25	21.32	21.33	21.39	23	1
10	16QAM	1	49	21.36	21.40	21.38		
10	16QAM	25	0	20.61	20.57	20.50		
10	16QAM	25	12	20.43	20.41	20.40	22	2
10	16QAM	25	25	20.47	20.53	20.39		
10	16QAM	50	0	20.38	20.54	20.60		
10	64QAM	1	0	20.52	20.52	20.40		
10	64QAM	1	25	20.27	20.35	20.43	22	2
10	64QAM	1	49	20.36	20.27	20.41		
10	64QAM	25	0	19.65	19.59	19.54		
10	64QAM	25	12	19.39	19.36	19.40	21	3
10	64QAM	25	25	19.37	19.50	19.37		
10	64QAM	50	0	19.44	19.53	19.55		
10	256QAM	1	0	17.37	17.46	17.48		
10	256QAM	1	25	17.44	17.47	17.33	19	5
10	256QAM	1	49	17.48	17.49	17.29		
10	256QAM	25	0	17.44	17.52	17.54		
10	256QAM	25	12	17.44	17.44	17.39	19	5
10	256QAM	25	25	17.25	17.29	17.48		
10	256QAM	50	0	17.47	17.39	17.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.50	22.50	22.51	24	0
5	QPSK	1	12	22.44	22.46	22.33		
5	QPSK	1	24	22.46	22.49	22.35		
5	QPSK	12	0	21.59	21.56	21.48		
5	QPSK	12	7	21.41	21.39	21.44	23	1
5	QPSK	12	13	21.37	21.43	21.34		
5	QPSK	25	0	21.50	21.54	21.53		
5	16QAM	1	0	21.49	21.58	21.46		
5	16QAM	1	12	21.34	21.41	21.48	23	1
5	16QAM	1	24	21.45	21.31	21.39		
5	16QAM	12	0	20.58	20.57	20.49		
5	16QAM	12	7	20.38	20.42	20.42	22	2
5	16QAM	12	13	20.44	20.45	20.36		
5	16QAM	25	0	20.45	20.57	20.61		
5	64QAM	1	0	20.54	20.59	20.42		
5	64QAM	1	12	20.27	20.31	20.48	22	2
5	64QAM	1	24	20.36	20.28	20.31		
5	64QAM	12	0	19.62	19.58	19.50		
5	64QAM	12	7	19.44	19.35	19.32	21	3
5	64QAM	12	13	19.39	19.49	19.35		
5	64QAM	25	0	19.47	19.57	19.47		
5	256QAM	1	0	17.54	17.65	17.45		
5	256QAM	1	12	17.39	17.46	17.39	19	5
5	256QAM	1	24	17.50	17.47	17.39		
5	256QAM	12	0	17.54	17.49	17.48		
5	256QAM	12	7	17.40	17.50	17.39	19	5
5	256QAM	12	13	17.21	17.28	17.42		
5	256QAM	25	0	17.47	17.33	17.38		
Channel				18525	18900	19275	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.51	22.51	22.44	24	0
3	QPSK	1	8	22.34	22.40	22.37		
3	QPSK	1	14	22.47	22.49	22.35		
3	QPSK	8	0	21.57	21.58	21.48		
3	QPSK	8	4	21.37	21.36	21.39	23	1
3	QPSK	8	7	21.47	21.40	21.35		
3	QPSK	15	0	21.49	21.51	21.52		
3	16QAM	1	0	21.43	21.58	21.53		
3	16QAM	1	8	21.23	21.30	21.43	23	1
3	16QAM	1	14	21.39	21.37	21.29		
3	16QAM	8	0	20.58	20.55	20.43		
3	16QAM	8	4	20.37	20.43	20.40	22	2
3	16QAM	8	7	20.38	20.45	20.37		
3	16QAM	15	0	20.43	20.52	20.61		
3	64QAM	1	0	20.53	20.59	20.39		
3	64QAM	1	8	20.26	20.27	20.41	22	2
3	64QAM	1	14	20.33	20.32	20.30		
3	64QAM	8	0	19.56	19.66	19.52		
3	64QAM	8	4	19.40	19.37	19.32	21	3
3	64QAM	8	7	19.47	19.43	19.38		
3	64QAM	15	0	19.44	19.61	19.47		
3	256QAM	1	0	17.59	17.58	17.48		
3	256QAM	1	8	17.43	17.48	17.34	19	5
3	256QAM	1	14	17.39	17.45	17.39		
3	256QAM	8	0	17.48	17.49	17.55		
3	256QAM	8	4	17.37	17.55	17.44	19	5
3	256QAM	8	7	17.20	17.33	17.42		
3	256QAM	15	0	17.43	17.39	17.41		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.52	22.59	22.44	24	0
1.4	QPSK	1	3	22.34	22.43	22.37		
1.4	QPSK	1	5	22.38	22.50	22.34		
1.4	QPSK	3	0	22.40	22.49	22.41		
1.4	QPSK	3	1	22.28	22.39	22.26		
1.4	QPSK	3	3	22.33	22.36	22.29		
1.4	QPSK	6	0	21.43	21.58	21.51	23	1
1.4	16QAM	1	0	21.39	21.48	21.43	23	1
1.4	16QAM	1	3	21.29	21.28	21.43		
1.4	16QAM	1	5	21.37	21.31	21.41		
1.4	16QAM	3	0	21.37	21.52	21.47		
1.4	16QAM	3	1	21.33	21.36	21.34		
1.4	16QAM	3	3	21.16	21.16	21.35		
1.4	16QAM	6	0	20.39	20.53	20.61	22	2
1.4	64QAM	1	0	20.50	20.53	20.37	22	2
1.4	64QAM	1	3	20.26	20.29	20.42		
1.4	64QAM	1	5	20.42	20.29	20.31		
1.4	64QAM	3	0	20.33	20.45	20.50		
1.4	64QAM	3	1	20.47	20.44	20.28		
1.4	64QAM	3	3	20.13	20.25	20.35		
1.4	64QAM	6	0	19.43	19.57	19.49	21	3
1.4	256QAM	1	0	17.63	17.58	17.52	19	5
1.4	256QAM	1	3	17.47	17.42	17.42		
1.4	256QAM	1	5	17.46	17.42	17.30		
1.4	256QAM	3	0	17.53	17.56	17.53		
1.4	256QAM	3	1	17.38	17.46	17.46		
1.4	256QAM	3	3	17.25	17.31	17.43		
1.4	256QAM	6	0	17.44	17.31	17.34	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.50	22.55	22.51	24	0
20	QPSK	1	49	22.46	22.50	22.41		
20	QPSK	1	99	22.48	22.61	22.41		
20	QPSK	50	0	21.45	21.58	21.55		
20	QPSK	50	24	21.52	21.52	21.41	23	1
20	QPSK	50	50	21.51	21.44	21.45		
20	QPSK	100	0	21.66	21.56	21.49		
20	16QAM	1	0	21.42	21.47	21.54		
20	16QAM	1	49	21.43	21.44	21.33	23	1
20	16QAM	1	99	21.48	21.36	21.41		
20	16QAM	50	0	20.48	20.61	20.53		
20	16QAM	50	24	20.52	20.52	20.36	22	2
20	16QAM	50	50	20.51	20.38	20.51		
20	16QAM	100	0	20.49	20.52	20.53		
20	64QAM	1	0	20.38	20.44	20.54		
20	64QAM	1	49	20.47	20.42	20.32	22	2
20	64QAM	1	99	20.54	20.41	20.39		
20	64QAM	50	0	19.44	19.59	19.54		
20	64QAM	50	24	19.56	19.51	19.43	21	3
20	64QAM	50	50	19.53	19.39	19.41		
20	64QAM	100	0	19.52	19.53	19.50		
20	256QAM	1	0	17.44	17.54	17.53		
20	256QAM	1	49	17.56	17.47	17.42	19	5
20	256QAM	1	99	17.51	17.50	17.48		
20	256QAM	50	0	17.52	17.58	17.46		
20	256QAM	50	24	17.38	17.42	17.54	19	5
20	256QAM	50	50	17.47	17.29	17.36		
20	256QAM	100	0	17.53	17.37	17.37		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.42	22.50	22.47	24	0
15	QPSK	1	37	22.47	22.47	22.31		
15	QPSK	1	74	22.40	22.40	22.35		
15	QPSK	36	0	21.37	21.55	21.45		
15	QPSK	36	20	21.47	21.45	21.35	23	1
15	QPSK	36	39	21.47	21.36	21.35		
15	QPSK	75	0	21.44	21.56	21.46		
15	16QAM	1	0	21.36	21.48	21.44		
15	16QAM	1	37	21.44	21.42	21.30	23	1
15	16QAM	1	74	21.40	21.35	21.32		
15	16QAM	36	0	20.47	20.57	20.48		
15	16QAM	36	20	20.51	20.49	20.36	22	2
15	16QAM	36	39	20.48	20.28	20.48		
15	16QAM	75	0	20.50	20.46	20.45		
15	64QAM	1	0	20.29	20.45	20.52		
15	64QAM	1	37	20.36	20.39	20.30	22	2
15	64QAM	1	74	20.47	20.33	20.36		
15	64QAM	36	0	19.41	19.49	19.53		
15	64QAM	36	20	19.57	19.59	19.44	21	3
15	64QAM	36	39	19.50	19.36	19.36		
15	64QAM	75	0	19.45	19.50	19.42		
15	256QAM	1	0	17.39	17.47	17.51		
15	256QAM	1	37	17.55	17.45	17.42	19	5
15	256QAM	1	74	17.47	17.40	17.41		
15	256QAM	36	0	17.50	17.50	17.46		
15	256QAM	36	20	17.38	17.36	17.54	19	5
15	256QAM	36	39	17.39	17.38	17.44		
15	256QAM	75	0	17.48	17.28	17.34		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.47	22.45	22.45	24	0
10	QPSK	1	25	22.40	22.46	22.31		
10	QPSK	1	49	22.47	22.38	22.41		
10	QPSK	25	0	21.40	21.56	21.44		
10	QPSK	25	12	21.53	21.49	21.39	23	1
10	QPSK	25	25	21.46	21.41	21.39		
10	QPSK	50	0	21.40	21.55	21.45		
10	16QAM	1	0	21.31	21.40	21.49		
10	16QAM	1	25	21.43	21.40	21.24	23	1
10	16QAM	1	49	21.39	21.38	21.37		
10	16QAM	25	0	20.47	20.55	20.50		
10	16QAM	25	12	20.48	20.42	20.37	22	2
10	16QAM	25	25	20.46	20.34	20.48		
10	16QAM	50	0	20.44	20.45	20.43		
10	64QAM	1	0	20.28	20.35	20.43		
10	64QAM	1	25	20.42	20.38	20.24	22	2
10	64QAM	1	49	20.53	20.41	20.37		
10	64QAM	25	0	19.41	19.32	19.48		
10	64QAM	25	12	19.52	19.48	19.36	21	3
10	64QAM	25	25	19.51	19.40	19.42		
10	64QAM	50	0	19.48	19.44	19.45		
10	256QAM	1	0	17.37	17.50	17.44		
10	256QAM	1	25	17.56	17.38	17.34	19	5
10	256QAM	1	49	17.51	17.42	17.37		
10	256QAM	25	0	17.52	17.52	17.44		
10	256QAM	25	12	17.38	17.36	17.50	19	5
10	256QAM	25	25	17.45	17.32	17.32		
10	256QAM	50	0	17.53	17.29	17.34		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.39	22.51	22.49	24	0
5	QPSK	1	12	22.44	22.43	22.38		
5	QPSK	1	24	22.43	22.37	22.41		
5	QPSK	12	0	21.41	21.48	21.45		
5	QPSK	12	7	21.41	21.50	21.37	23	1
5	QPSK	12	13	21.43	21.38	21.36		
5	QPSK	25	0	21.47	21.49	21.45		
5	16QAM	1	0	21.42	21.47	21.46		
5	16QAM	1	12	21.37	21.38	21.25	23	1
5	16QAM	1	24	21.42	21.32	21.41		
5	16QAM	12	0	20.49	20.60	20.43		
5	16QAM	12	7	20.50	20.48	20.29	22	2
5	16QAM	12	13	20.45	20.34	20.46		
5	16QAM	25	0	20.41	20.52	20.52		
5	64QAM	1	0	20.37	20.34	20.48		
5	64QAM	1	12	20.46	20.40	20.29	22	2
5	64QAM	1	24	20.55	20.32	20.39		
5	64QAM	12	0	19.34	19.50	19.46		
5	64QAM	12	7	19.53	19.44	19.43	21	3
5	64QAM	12	13	19.50	19.39	19.32		
5	64QAM	25	0	19.49	19.47	19.45		
5	256QAM	1	0	17.44	17.44	17.42		
5	256QAM	1	12	17.51	17.47	17.38	19	5
5	256QAM	1	24	17.52	17.43	17.45		
5	256QAM	12	0	17.50	17.39	17.46		
5	256QAM	12	7	17.27	17.35	17.48	19	5
5	256QAM	12	13	17.40	17.39	17.33		
5	256QAM	25	0	17.49	17.35	17.28		
Channel				19825	20175	20525	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.43	22.48	22.48	24	0
3	QPSK	1	8	22.46	22.47	22.37		
3	QPSK	1	14	22.46	22.44	22.42		
3	QPSK	8	0	21.40	21.50	21.52		
3	QPSK	8	4	21.43	21.50	21.37	23	1
3	QPSK	8	7	21.51	21.35	21.38		
3	QPSK	15	0	21.43	21.49	21.43		
3	16QAM	1	0	21.42	21.49	21.49		
3	16QAM	1	8	21.42	21.39	21.24	23	1
3	16QAM	1	14	21.44	21.33	21.30		
3	16QAM	8	0	20.47	20.59	20.45		
3	16QAM	8	4	20.50	20.44	20.52	22	2
3	16QAM	8	7	20.42	20.29	20.46		
3	16QAM	15	0	20.50	20.43	20.42		
3	64QAM	1	0	20.27	20.34	20.49		
3	64QAM	1	8	20.39	20.37	20.27	22	2
3	64QAM	1	14	20.43	20.37	20.28		
3	64QAM	8	0	19.41	19.52	19.53		
3	64QAM	8	4	19.57	19.51	19.33	21	3
3	64QAM	8	7	19.54	19.28	19.38		
3	64QAM	15	0	19.51	19.47	19.44		
3	256QAM	1	0	17.40	17.48	17.43		
3	256QAM	1	8	17.49	17.37	17.40	19	5
3	256QAM	1	14	17.51	17.42	17.48		
3	256QAM	8	0	17.53	17.47	17.46		
3	256QAM	8	4	17.32	17.32	17.47	19	5
3	256QAM	8	7	17.37	17.33	17.36		
3	256QAM	15	0	17.49	17.27	17.30		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.43	22.46	22.51	24	0
1.4	QPSK	1	3	22.45	22.41	22.36		
1.4	QPSK	1	5	22.38	22.36	22.32		
1.4	QPSK	3	0	22.32	22.46	22.47		
1.4	QPSK	3	1	22.35	22.30	22.36		
1.4	QPSK	3	3	22.30	22.37	22.26		
1.4	QPSK	6	0	21.43	21.49	21.41	23	1
1.4	16QAM	1	0	21.42	21.44	21.51	23	1
1.4	16QAM	1	3	21.35	21.43	21.33		
1.4	16QAM	1	5	21.49	21.34	21.41		
1.4	16QAM	3	0	21.35	21.44	21.42		
1.4	16QAM	3	1	21.33	21.38	21.49		
1.4	16QAM	3	3	21.28	21.41	21.26		
1.4	16QAM	6	0	20.41	20.43	20.51	22	2
1.4	64QAM	1	0	20.28	20.35	20.48	22	2
1.4	64QAM	1	3	20.46	20.36	20.31		
1.4	64QAM	1	5	20.53	20.31	20.39		
1.4	64QAM	3	0	20.41	20.36	20.45		
1.4	64QAM	3	1	20.18	20.31	20.49		
1.4	64QAM	3	3	20.42	20.28	20.31		
1.4	64QAM	6	0	19.51	19.50	19.40	21	3
1.4	256QAM	1	0	17.40	17.54	17.49	19	5
1.4	256QAM	1	3	17.54	17.38	17.43		
1.4	256QAM	1	5	17.51	17.41	17.49		
1.4	256QAM	3	0	17.49	17.50	17.37		
1.4	256QAM	3	1	17.38	17.34	17.54		
1.4	256QAM	3	3	17.46	17.28	17.32		
1.4	256QAM	6	0	17.46	17.33	17.27	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.75	22.80	22.72	24	0
20	QPSK	1	49	22.76	22.69	22.73		
20	QPSK	1	99	22.69	22.77	22.67		
20	QPSK	50	0	21.70	21.80	21.76		
20	QPSK	50	24	21.75	21.65	21.67	23	1
20	QPSK	50	50	21.65	21.69	21.64		
20	QPSK	100	0	21.69	21.76	21.69		
20	16QAM	1	0	21.64	21.73	21.68		
20	16QAM	1	49	21.69	21.60	21.57	23	1
20	16QAM	1	99	21.57	21.59	21.58		
20	16QAM	50	0	20.67	20.77	20.62		
20	16QAM	50	24	20.71	20.69	20.70	22	2
20	16QAM	50	50	20.62	20.75	20.60		
20	16QAM	100	0	20.75	20.70	20.70		

Band 38 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.24	22.38	22.35	23.5	0
20	QPSK	1	49	22.09	22.31	22.25		
20	QPSK	1	99	22.17	22.30	22.26		
20	QPSK	50	0	21.24	21.33	21.23	22.5	1
20	QPSK	50	24	21.14	21.22	21.16		
20	QPSK	50	50	21.14	21.27	21.08		
20	QPSK	100	0	21.10	21.18	21.13		
20	16QAM	1	0	21.10	21.21	21.17	22.5	1
20	16QAM	1	49	21.14	21.27	21.14		
20	16QAM	1	99	21.13	21.27	21.08		
20	16QAM	50	0	20.38	20.51	20.39	21.5	2
20	16QAM	50	24	20.32	20.36	20.31		
20	16QAM	50	50	20.34	20.36	20.25		
20	16QAM	100	0	20.29	20.40	20.26		
20	64QAM	1	0	20.29	20.38	20.31	21.5	2
20	64QAM	1	49	20.34	20.41	20.30		
20	64QAM	1	99	20.26	20.46	20.33		
20	64QAM	50	0	19.30	19.45	19.35	20.5	3
20	64QAM	50	24	19.19	19.34	19.24		
20	64QAM	50	50	19.21	19.36	19.28		
20	64QAM	100	0	19.23	19.33	19.24		
20	256QAM	1	0	17.27	17.36	17.32	18.5	5
20	256QAM	1	49	17.16	17.24	17.23		
20	256QAM	1	99	17.17	17.27	17.24		
20	256QAM	50	0	17.18	17.28	17.17	18.5	5
20	256QAM	50	24	17.21	17.24	17.21		
20	256QAM	50	50	17.19	17.20	17.25		
20	256QAM	100	0	17.12	17.28	17.22		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.19	22.32	22.27	23.5	0
15	QPSK	1	37	22.05	22.17	22.13		
15	QPSK	1	74	22.04	22.23	22.17		
15	QPSK	36	0	21.19	21.21	21.10	22.5	1
15	QPSK	36	20	20.99	21.16	21.09		
15	QPSK	36	39	20.99	21.19	20.97		
15	QPSK	75	0	21.00	21.11	21.05		
15	16QAM	1	0	21.00	21.09	21.07	22.5	1
15	16QAM	1	37	21.02	21.18	21.05		
15	16QAM	1	74	21.05	21.11	21.01		
15	16QAM	36	0	20.32	20.36	20.33	21.5	2
15	16QAM	36	20	20.26	20.31	20.26		
15	16QAM	36	39	20.24	20.22	20.14		
15	16QAM	75	0	20.13	20.33	20.14		
15	64QAM	1	0	20.24	20.31	20.27	21.5	2
15	64QAM	1	37	20.20	20.33	20.15		
15	64QAM	1	74	20.16	20.37	20.21		
15	64QAM	36	0	19.19	19.35	19.22	20.5	3
15	64QAM	36	20	19.08	19.24	19.10		
15	64QAM	36	39	19.15	19.29	19.19		
15	64QAM	75	0	19.10	19.28	19.19		
15	256QAM	1	0	17.20	17.28	17.25	18.5	5
15	256QAM	1	37	17.08	17.09	17.13		
15	256QAM	1	74	17.06	17.11	17.11		
15	256QAM	36	0	17.12	17.22	17.05	18.5	5
15	256QAM	36	20	17.17	17.09	17.16		
15	256QAM	36	39	17.14	17.08	17.16		
15	256QAM	75	0	16.96	17.23	17.08		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.11	22.29	22.22	23.5	0
10	QPSK	1	25	22.03	22.18	22.14		
10	QPSK	1	49	22.04	22.19	22.14		
10	QPSK	25	0	21.12	21.19	21.17	22.5	1
10	QPSK	25	12	21.00	21.08	21.10		
10	QPSK	25	25	21.06	21.22	21.01		
10	QPSK	50	0	21.00	21.10	21.14		
10	16QAM	1	0	20.97	21.13	21.10	22.5	1
10	16QAM	1	25	21.05	21.14	21.10		
10	16QAM	1	49	21.09	21.14	20.98		
10	16QAM	25	0	20.28	20.37	20.33	21.5	2
10	16QAM	25	12	20.17	20.32	20.20		
10	16QAM	25	25	20.20	20.31	20.12		
10	16QAM	50	0	20.16	20.32	20.16		
10	64QAM	1	0	20.14	20.23	20.23	21.5	2
10	64QAM	1	25	20.25	20.36	20.18		
10	64QAM	1	49	20.19	20.38	20.22		
10	64QAM	25	0	19.19	19.38	19.28	20.5	3
10	64QAM	25	12	19.09	19.21	19.18		
10	64QAM	25	25	19.11	19.29	19.20		
10	64QAM	50	0	19.14	19.19	19.09		
10	256QAM	1	0	17.21	17.31	17.17	18.5	5
10	256QAM	1	25	17.04	17.16	17.13		
10	256QAM	1	49	17.02	17.21	17.16		
10	256QAM	25	0	17.07	17.15	17.02	18.5	5
10	256QAM	25	12	17.16	17.14	17.06		
10	256QAM	25	25	17.09	17.07	17.10		
10	256QAM	50	0	17.05	17.16	17.17		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.15	22.24	22.27	23.5	0
5	QPSK	1	12	21.94	22.20	22.17		
5	QPSK	1	24	22.13	22.20	22.20		
5	QPSK	12	0	21.13	21.21	21.17	22.5	1
5	QPSK	12	7	21.01	21.08	21.03		
5	QPSK	12	13	21.04	21.15	20.93		
5	QPSK	25	0	20.98	21.11	21.07		
5	16QAM	1	0	20.95	21.07	21.08	22.5	1
5	16QAM	1	12	21.08	21.12	21.02		
5	16QAM	1	24	21.02	21.20	20.95		
5	16QAM	12	0	20.30	20.46	20.35	21.5	2
5	16QAM	12	7	20.25	20.22	20.21		
5	16QAM	12	13	20.27	20.22	20.11		
5	16QAM	25	0	20.24	20.26	20.10		
5	64QAM	1	0	20.16	20.31	20.23	21.5	2
5	64QAM	1	12	20.23	20.33	20.16		
5	64QAM	1	24	20.21	20.34	20.19		
5	64QAM	12	0	19.26	19.37	19.20	20.5	3
5	64QAM	12	7	19.06	19.24	19.15		
5	64QAM	12	13	19.14	19.22	19.16		
5	64QAM	25	0	19.19	19.19	19.16		
5	256QAM	1	0	17.15	17.20	17.22	18.5	5
5	256QAM	1	12	17.05	17.16	17.13		
5	256QAM	1	24	17.08	17.13	17.10		
5	256QAM	12	0	17.14	17.13	17.02	18.5	5
5	256QAM	12	7	17.06	17.17	17.05		
5	256QAM	12	13	17.06	17.10	17.10		
5	256QAM	25	0	16.97	17.22	17.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	25.22	25.35	25.27	26.5	0
20	QPSK	1	49	25.10	25.20	25.17		
20	QPSK	1	99	25.15	25.23	25.23		
20	QPSK	50	0	24.29	24.43	24.27	25.5	1
20	QPSK	50	24	24.16	24.37	24.20		
20	QPSK	50	50	24.16	24.38	24.14		
20	QPSK	100	0	24.21	24.36	24.12		
20	16QAM	1	0	24.15	24.30	24.20	25.5	1
20	16QAM	1	49	24.18	24.37	24.18		
20	16QAM	1	99	24.24	24.39	24.20		
20	16QAM	50	0	23.32	23.47	23.35	24.5	2
20	16QAM	50	24	23.20	23.40	23.25		
20	16QAM	50	50	23.26	23.31	23.25		
20	16QAM	100	0	23.23	23.41	23.22		
20	64QAM	1	0	23.22	23.43	23.29	24.5	2
20	64QAM	1	49	23.18	23.38	23.29		
20	64QAM	1	99	23.22	23.33	23.22		
20	64QAM	50	0	22.19	22.27	22.19	23.5	3
20	64QAM	50	24	22.28	22.35	22.22		
20	64QAM	50	50	22.18	22.36	22.22		
20	64QAM	100	0	22.23	22.29	22.16		
20	256QAM	1	0	20.45	20.56	20.50	21.5	5
20	256QAM	1	49	20.34	20.51	20.37		
20	256QAM	1	99	20.37	20.47	20.39		
20	256QAM	50	0	20.35	20.45	20.36	21.5	5
20	256QAM	50	24	20.31	20.48	20.40		
20	256QAM	50	50	20.37	20.40	20.38		
20	256QAM	100	0	20.31	20.42	20.38		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	25.17	25.24	25.11	26.5	0
15	QPSK	1	37	24.98	25.13	25.03		
15	QPSK	1	74	25.10	25.09	25.18		
15	QPSK	36	0	24.15	24.35	24.13	25.5	1
15	QPSK	36	20	24.03	24.30	24.14		
15	QPSK	36	39	24.05	24.25	24.09		
15	QPSK	75	0	24.14	24.27	24.03		
15	16QAM	1	0	24.05	24.22	24.05	25.5	1
15	16QAM	1	37	24.05	24.23	24.07		
15	16QAM	1	74	24.18	24.34	24.09		
15	16QAM	36	0	23.26	23.34	23.22	24.5	2
15	16QAM	36	20	23.05	23.32	23.21		
15	16QAM	36	39	23.14	23.17	23.16		
15	16QAM	75	0	23.16	23.28	23.08		
15	64QAM	1	0	23.10	23.34	23.15	24.5	2
15	64QAM	1	37	23.11	23.24	23.22		
15	64QAM	1	74	23.15	23.20	23.06		
15	64QAM	36	0	22.09	22.16	22.09	23.5	3
15	64QAM	36	20	22.17	22.26	22.17		
15	64QAM	36	39	22.11	22.22	22.17		
15	64QAM	75	0	22.14	22.19	22.07		
15	256QAM	1	0	20.30	20.50	20.37	21.5	5
15	256QAM	1	37	20.27	20.37	20.27		
15	256QAM	1	74	20.29	20.32	20.31		
15	256QAM	36	0	20.29	20.31	20.28	21.5	5
15	256QAM	36	20	20.24	20.40	20.33		
15	256QAM	36	39	20.29	20.36	20.28		
15	256QAM	75	0	20.25	20.32	20.30		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	25.06	25.24	25.21	26.5	0
10	QPSK	1	25	24.97	25.09	25.03		
10	QPSK	1	49	25.01	25.17	25.11		
10	QPSK	25	0	24.20	24.29	24.14	25.5	1
10	QPSK	25	12	24.11	24.23	24.13		
10	QPSK	25	25	24.10	24.28	24.01		
10	QPSK	50	0	24.14	24.31	24.03		
10	16QAM	1	0	24.08	24.19	24.08	25.5	1
10	16QAM	1	25	24.08	24.29	24.09		
10	16QAM	1	49	24.16	24.29	24.11		
10	16QAM	25	0	23.28	23.34	23.20	24.5	2
10	16QAM	25	12	23.10	23.31	23.10		
10	16QAM	25	25	23.15	23.21	23.12		
10	16QAM	50	0	23.16	23.32	23.08		
10	64QAM	1	0	23.13	23.38	23.24	24.5	2
10	64QAM	1	25	23.10	23.31	23.22		
10	64QAM	1	49	23.09	23.23	23.08		
10	64QAM	25	0	22.09	22.14	22.05	23.5	3
10	64QAM	25	12	22.16	22.31	22.14		
10	64QAM	25	25	22.03	22.22	22.09		
10	64QAM	50	0	22.17	22.21	22.01		
10	256QAM	1	0	20.34	20.47	20.35	21.5	5
10	256QAM	1	25	20.25	20.45	20.29		
10	256QAM	1	49	20.30	20.36	20.29		
10	256QAM	25	0	20.20	20.37	20.24	21.5	5
10	256QAM	25	12	20.21	20.37	20.30		
10	256QAM	25	25	20.22	20.30	20.31		
10	256QAM	50	0	20.16	20.33	20.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	25.17	25.19	25.19	26.5	0
5	QPSK	1	12	24.96	25.14	25.04		
5	QPSK	1	24	24.99	25.19	25.17		
5	QPSK	12	0	24.18	24.36	24.22	25.5	1
5	QPSK	12	7	24.11	24.33	24.09		
5	QPSK	12	13	24.00	24.33	24.03		
5	QPSK	25	0	24.09	24.29	24.05		
5	16QAM	1	0	24.04	24.21	24.07	25.5	1
5	16QAM	1	12	24.04	24.23	24.02		
5	16QAM	1	24	24.11	24.27	24.05		
5	16QAM	12	0	23.16	23.38	23.20	24.5	2
5	16QAM	12	7	23.08	23.29	23.18		
5	16QAM	12	13	23.14	23.16	23.12		
5	16QAM	25	0	23.18	23.29	23.08		
5	64QAM	1	0	23.13	23.31	23.14	24.5	2
5	64QAM	1	12	23.05	23.24	23.13		
5	64QAM	1	24	23.09	23.23	23.08		
5	64QAM	12	0	22.07	22.15	22.04	23.5	3
5	64QAM	12	7	22.22	22.27	22.16		
5	64QAM	12	13	22.10	22.29	22.10		
5	64QAM	25	0	22.16	22.17	22.07		
5	256QAM	1	0	20.30	20.49	20.45	21.5	5
5	256QAM	1	12	20.25	20.39	20.26		
5	256QAM	1	24	20.22	20.40	20.30		
5	256QAM	12	0	20.31	20.34	20.31	21.5	5
5	256QAM	12	7	20.27	20.34	20.34		
5	256QAM	12	13	20.24	20.34	20.33		
5	256QAM	25	0	20.21	20.29	20.30		

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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	22.38	22.31	22.41	22.39	22.36	23.5	0
20	QPSK	1	49	22.31	22.22	22.35	22.33	22.27		
20	QPSK	1	99	22.31	22.16	22.37	22.33	22.26		
20	QPSK	50	0	21.21	21.29	21.37	21.24	21.28	22.5	1
20	QPSK	50	24	21.16	21.21	21.32	21.18	21.23		
20	QPSK	50	50	21.05	21.24	21.24	21.10	21.23		
20	QPSK	100	0	21.10	21.16	21.26	21.15	21.13		
20	16QAM	1	0	21.14	21.15	21.21	21.16	21.17	22.5	1
20	16QAM	1	49	21.09	21.22	21.29	21.13	21.16		
20	16QAM	1	99	21.11	21.20	21.22	21.18	21.21		
20	16QAM	50	0	20.36	20.36	20.42	20.37	20.33	21.5	2
20	16QAM	50	24	20.24	20.22	20.26	20.26	20.19		
20	16QAM	50	50	20.27	20.24	20.29	20.26	20.28		
20	16QAM	100	0	20.27	20.24	20.26	20.26	20.24		
20	64QAM	1	0	20.24	20.23	20.35	20.27	20.18	21.5	2
20	64QAM	1	49	20.23	20.28	20.31	20.31	20.20		
20	64QAM	1	99	20.27	20.26	20.36	20.29	20.20		
20	64QAM	50	0	19.33	19.22	19.38	19.30	19.27	20.5	3
20	64QAM	50	24	19.17	19.14	19.28	19.24	19.16		
20	64QAM	50	50	19.23	19.08	19.24	19.16	19.21		
20	64QAM	100	0	19.24	19.11	19.32	19.21	19.12		
20	256QAM	1	0	17.10	17.15	17.23	17.14	17.18	18.5	5
20	256QAM	1	49	16.98	17.06	17.07	17.03	17.07		
20	256QAM	1	99	17.04	17.07	17.12	17.07	17.14		
20	256QAM	50	0	17.04	17.09	17.14	17.00	17.11	18.5	5
20	256QAM	50	24	16.94	17.07	17.12	17.04	17.04		
20	256QAM	50	50	17.03	17.06	17.11	17.00	17.10		
20	256QAM	100	0	17.05	17.07	17.15	17.07	17.14		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.28	22.20	22.25	22.30	22.27	23.50	0
15	QPSK	1	37	22.20	22.08	22.30	22.24	22.18		
15	QPSK	1	74	22.25	22.12	22.22	22.28	22.17		
15	QPSK	36	0	21.10	21.21	21.32	21.17	21.20	22.5	1
15	QPSK	36	20	21.11	21.14	21.28	21.07	21.14		
15	QPSK	36	39	20.92	21.15	21.20	20.98	21.19		
15	QPSK	75	0	21.05	21.11	21.18	21.03	21.03		
15	16QAM	1	0	21.03	21.02	21.17	21.04	21.12	22.5	1
15	16QAM	1	37	20.96	21.08	21.25	21.02	21.12		
15	16QAM	1	74	21.00	21.08	21.09	21.04	21.06		
15	16QAM	36	0	20.24	20.22	20.36	20.32	20.26	21.5	2
15	16QAM	36	20	20.16	20.07	20.12	20.19	20.03		
15	16QAM	36	39	20.16	20.09	20.14	20.12	20.12		
15	16QAM	75	0	20.17	20.13	20.10	20.13	20.09		
15	64QAM	1	0	20.15	20.11	20.28	20.15	20.11	21.5	2
15	64QAM	1	37	20.18	20.16	20.15	20.24	20.07		
15	64QAM	1	74	20.15	20.22	20.20	20.14	20.15		
15	64QAM	36	0	19.18	19.06	19.30	19.22	19.15	20.5	3
15	64QAM	36	20	19.02	18.99	19.22	19.17	19.03		
15	64QAM	36	39	19.11	19.03	19.17	19.10	19.17		
15	64QAM	75	0	19.09	19.00	19.20	19.05	19.00		
15	256QAM	1	0	16.96	17.04	17.12	17.00	17.07	18.5	5
15	256QAM	1	37	16.87	17.00	16.91	16.90	16.92		
15	256QAM	1	74	16.95	17.00	17.03	16.99	17.01		
15	256QAM	36	0	16.91	16.96	17.05	16.91	17.04	18.5	5
15	256QAM	36	20	16.88	16.99	16.98	16.97	16.90		
15	256QAM	36	39	16.93	16.92	16.99	16.91	17.01		
15	256QAM	75	0	17.00	16.97	17.04	17.00	17.08		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.23	22.23	22.28	22.28	22.28	23.50	0
10	QPSK	1	25	22.23	22.12	22.30	22.24	22.14		
10	QPSK	1	49	22.26	22.09	22.21	22.27	22.21		
10	QPSK	25	0	21.10	21.17	21.21	21.16	21.18	22.5	1
10	QPSK	25	12	20.99	21.14	21.19	21.03	21.08		
10	QPSK	25	25	20.94	21.09	21.12	21.01	21.14		
10	QPSK	50	0	20.95	21.11	21.19	21.06	20.99		
10	16QAM	1	0	21.08	21.01	21.08	21.09	21.09	22.5	1
10	16QAM	1	25	21.04	21.08	21.18	20.99	21.11		
10	16QAM	1	49	21.00	21.09	21.15	21.10	21.16		
10	16QAM	25	0	20.24	20.28	20.31	20.27	20.27	21.5	2
10	16QAM	25	12	20.13	20.10	20.16	20.14	20.10		
10	16QAM	25	25	20.22	20.15	20.20	20.15	20.13		
10	16QAM	50	0	20.16	20.10	20.15	20.17	20.14		
10	64QAM	1	0	20.10	20.13	20.21	20.20	20.03	21.5	2
10	64QAM	1	25	20.08	20.19	20.20	20.24	20.13		
10	64QAM	1	49	20.18	20.17	20.23	20.23	20.14		
10	64QAM	25	0	19.20	19.07	19.26	19.15	19.16	20.5	3
10	64QAM	25	12	19.01	19.08	19.18	19.09	19.10		
10	64QAM	25	25	19.09	19.03	19.12	19.12	19.07		
10	64QAM	50	0	19.15	19.07	19.21	19.08	18.99		
10	256QAM	1	0	16.97	17.05	17.14	17.08	17.09	18.5	5
10	256QAM	1	25	16.82	16.99	16.97	16.95	17.02		
10	256QAM	1	49	16.94	16.93	16.97	17.01	16.99		
10	256QAM	25	0	16.92	16.94	17.05	16.88	17.02	18.5	5
10	256QAM	25	12	16.82	16.99	17.03	16.98	16.92		
10	256QAM	25	25	16.98	17.00	17.04	16.91	16.97		
10	256QAM	50	0	16.94	17.03	17.04	16.96	17.01		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	22.31	22.18	22.28	22.25	22.29	23.50	0
5	QPSK	1	12	22.18	22.13	22.30	22.18	22.15		
5	QPSK	1	24	22.25	22.01	22.31	22.22	22.17		
5	QPSK	12	0	21.07	21.14	21.27	21.10	21.19	22.5	1
5	QPSK	12	7	21.10	21.05	21.24	21.07	21.10		
5	QPSK	12	13	20.96	21.15	21.18	21.04	21.11		
5	QPSK	25	0	21.03	21.07	21.15	21.04	21.08		
5	16QAM	1	0	21.03	21.01	21.09	21.08	21.03	22.5	1
5	16QAM	1	12	21.03	21.13	21.18	21.00	21.12		
5	16QAM	1	24	20.96	21.05	21.14	21.07	21.14		
5	16QAM	12	0	20.21	20.27	20.31	20.24	20.17	21.5	2
5	16QAM	12	7	20.17	20.17	20.12	20.18	20.09		
5	16QAM	12	13	20.20	20.19	20.18	20.20	20.17		
5	16QAM	25	0	20.19	20.13	20.20	20.14	20.14		
5	64QAM	1	0	20.17	20.09	20.29	20.11	20.03	21.5	2
5	64QAM	1	12	20.14	20.15	20.23	20.22	20.15		
5	64QAM	1	24	20.20	20.18	20.26	20.17	20.08		
5	64QAM	12	0	19.28	19.06	19.34	19.23	19.22	20.5	3
5	64QAM	12	7	19.03	19.01	19.20	19.15	19.01		
5	64QAM	12	13	19.14	18.98	19.13	19.05	19.10		
5	64QAM	25	0	19.08	19.05	19.20	19.07	19.03		
5	256QAM	1	0	16.98	16.99	17.11	17.07	17.08	18.5	5
5	256QAM	1	12	16.84	16.93	17.00	16.99	17.01		
5	256QAM	1	24	16.98	16.96	17.04	17.00	17.05		
5	256QAM	12	0	16.95	16.94	17.04	16.89	17.05	18.5	5
5	256QAM	12	7	16.86	16.95	17.04	16.95	16.98		
5	256QAM	12	13	16.94	16.95	17.01	16.95	17.03		
5	256QAM	25	0	16.90	16.98	17.10	16.96	17.04		

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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	25.38	25.45	25.42	25.31	26.5	0
20	QPSK	1	49	25.25	25.29	25.38	25.35	25.21		
20	QPSK	1	99	25.26	25.33	25.31	25.28	25.19		
20	QPSK	50	0	24.50	24.45	24.55	24.48	24.48	25.5	1
20	QPSK	50	24	24.38	24.39	24.50	24.34	24.43		
20	QPSK	50	50	24.41	24.39	24.45	24.34	24.39		
20	QPSK	100	0	24.39	24.30	24.50	24.43	24.42		
20	16QAM	1	0	24.38	24.39	24.48	24.32	24.38	25.5	1
20	16QAM	1	49	24.39	24.38	24.46	24.37	24.38		
20	16QAM	1	99	24.35	24.38	24.42	24.33	24.38		
20	16QAM	50	0	23.44	23.45	23.53	23.44	23.41	24.5	2
20	16QAM	50	24	23.37	23.32	23.39	23.32	23.36		
20	16QAM	50	50	23.30	23.31	23.39	23.33	23.29		
20	16QAM	100	0	23.30	23.36	23.41	23.36	23.27		
20	64QAM	1	0	23.32	23.41	23.49	23.32	23.27	24.5	2
20	64QAM	1	49	23.38	23.38	23.43	23.38	23.34		
20	64QAM	1	99	23.39	23.36	23.38	23.29	23.32		
20	64QAM	50	0	22.45	22.43	22.51	22.46	22.37	23.5	3
20	64QAM	50	24	22.34	22.35	22.36	22.34	22.30		
20	64QAM	50	50	22.32	22.34	22.40	22.32	22.22		
20	64QAM	100	0	22.32	22.37	22.44	22.34	22.23		
20	256QAM	1	0	20.36	20.45	20.49	20.34	20.41	21.5	5
20	256QAM	1	49	20.30	20.34	20.43	20.19	20.33		
20	256QAM	1	99	20.28	20.37	20.43	20.28	20.33		
20	256QAM	50	0	20.29	20.36	20.40	20.20	20.33	21.5	5
20	256QAM	50	24	20.25	20.29	20.40	20.23	20.37		
20	256QAM	50	50	20.25	20.37	20.37	20.29	20.30		
20	256QAM	100	0	20.27	20.34	20.45	20.26	20.26		
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	25.24	25.24	25.40	25.28	25.16	26.50	0
15	QPSK	1	37	25.19	25.25	25.27	25.28	25.14		
15	QPSK	1	74	25.14	25.22	25.16	25.20	25.07		
15	QPSK	36	0	24.38	24.39	24.45	24.39	24.41	25.5	1
15	QPSK	36	20	24.26	24.30	24.38	24.23	24.33		
15	QPSK	36	39	24.28	24.29	24.30	24.28	24.35		
15	QPSK	75	0	24.25	24.15	24.41	24.30	24.29		
15	16QAM	1	0	24.29	24.30	24.35	24.21	24.25	25.5	1
15	16QAM	1	37	24.33	24.24	24.37	24.28	24.29		
15	16QAM	1	74	24.26	24.29	24.32	24.26	24.31		
15	16QAM	36	0	23.33	23.41	23.44	23.38	23.29	24.5	2
15	16QAM	36	20	23.28	23.28	23.30	23.18	23.10		
15	16QAM	36	39	23.16	23.18	23.34	23.26	23.20		
15	16QAM	75	0	23.16	23.31	23.33	23.30	23.17		
15	64QAM	1	0	23.20	23.33	23.38	23.20	23.21	24.5	2
15	64QAM	1	37	23.30	23.28	23.28	23.30	23.21		
15	64QAM	1	74	23.31	23.25	23.34	23.20	23.18		
15	64QAM	36	0	22.40	22.34	22.40	22.36	22.29	23.5	3
15	64QAM	36	20	22.20	22.22	22.20	22.22	22.16		
15	64QAM	36	39	22.22	22.27	22.29	22.23	22.15		
15	64QAM	75	0	22.23	22.30	22.35	22.28	22.12		
15	256QAM	1	0	20.23	20.36	20.37	20.19	20.34	21.5	5
15	256QAM	1	37	20.23	20.25	20.36	20.08	20.21		
15	256QAM	1	74	20.16	20.26	20.27	20.14	20.26		
15	256QAM	36	0	20.17	20.24	20.35	20.05	20.28	21.5	5
15	256QAM	36	20	20.17	20.24	20.26	20.16	20.30		
15	256QAM	36	39	20.12	20.28	20.25	20.18	20.21		
15	256QAM	75	0	20.14	20.26	20.39	20.20	20.18		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.31	25.30	25.35	25.29	25.15	26.50	0
10	QPSK	1	25	25.14	25.25	25.27	25.23	25.12		
10	QPSK	1	49	25.19	25.20	25.25	25.19	25.14		
10	QPSK	25	0	24.42	24.34	24.49	24.34	24.33	25.5	1
10	QPSK	25	12	24.34	24.32	24.45	24.18	24.38		
10	QPSK	25	25	24.30	24.25	24.37	24.21	24.33		
10	QPSK	50	0	24.31	24.14	24.37	24.37	24.37		
10	16QAM	1	0	24.30	24.34	24.34	24.24	24.23	25.5	1
10	16QAM	1	25	24.33	24.25	24.38	24.30	24.23		
10	16QAM	1	49	24.24	24.27	24.32	24.23	24.32		
10	16QAM	25	0	23.33	23.38	23.41	23.29	23.30	24.5	2
10	16QAM	25	12	23.29	23.22	23.32	23.19	23.19		
10	16QAM	25	25	23.21	23.21	23.23	23.29	23.24		
10	16QAM	50	0	23.15	23.24	23.28	23.31	23.15		
10	64QAM	1	0	23.25	23.26	23.37	23.27	23.15	24.5	2
10	64QAM	1	25	23.26	23.27	23.32	23.28	23.27		
10	64QAM	1	49	23.28	23.22	23.31	23.23	23.16		
10	64QAM	25	0	22.37	22.31	22.41	22.30	22.29	23.5	3
10	64QAM	25	12	22.21	22.20	22.30	22.20	22.19		
10	64QAM	25	25	22.16	22.24	22.26	22.22	22.16		
10	64QAM	50	0	22.17	22.24	22.28	22.19	22.10		
10	256QAM	1	0	20.29	20.30	20.41	20.24	20.29	21.5	5
10	256QAM	1	25	20.26	20.22	20.36	20.03	20.18		
10	256QAM	1	49	20.18	20.26	20.37	20.22	20.23		
10	256QAM	25	0	20.18	20.31	20.26	20.15	20.17	21.5	5
10	256QAM	25	12	20.11	20.19	20.31	20.09	20.30		
10	256QAM	25	25	20.14	20.27	20.27	20.18	20.23		
10	256QAM	50	0	20.22	20.22	20.41	20.17	20.14		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	25.26	25.30	25.40	25.27	25.20	26.50	0
5	QPSK	1	12	25.13	25.21	25.25	25.20	25.13		
5	QPSK	1	24	25.14	25.25	25.27	25.22	25.11		
5	QPSK	12	0	24.41	24.39	24.47	24.34	24.42	25.5	1
5	QPSK	12	7	24.28	24.27	24.38	24.30	24.32		
5	QPSK	12	13	24.35	24.27	24.34	24.25	24.33		
5	QPSK	25	0	24.30	24.19	24.45	24.35	24.35		
5	16QAM	1	0	24.26	24.26	24.33	24.18	24.29	25.5	1
5	16QAM	1	12	24.34	24.23	24.37	24.24	24.26		
5	16QAM	1	24	24.21	24.25	24.33	24.26	24.28		
5	16QAM	12	0	23.34	23.35	23.46	23.38	23.37	24.5	2
5	16QAM	12	7	23.29	23.21	23.33	23.19	23.16		
5	16QAM	12	13	23.22	23.25	23.32	23.27	23.21		
5	16QAM	25	0	23.25	23.21	23.31	23.30	23.16		
5	64QAM	1	0	23.25	23.29	23.44	23.21	23.17	24.5	2
5	64QAM	1	12	23.28	23.31	23.32	23.32	23.27		
5	64QAM	1	24	23.28	23.29	23.25	23.21	23.26		
5	64QAM	12	0	22.41	22.29	22.46	22.36	22.24	23.5	3
5	64QAM	12	7	22.24	22.20	22.32	22.28	22.24		
5	64QAM	12	13	22.25	22.28	22.30	22.28	22.13		
5	64QAM	25	0	22.18	22.29	22.31	22.29	22.17		
5	256QAM	1	0	20.20	20.36	20.45	20.19	20.33	21.5	5
5	256QAM	1	12	20.18	20.26	20.27	20.10	20.26		
5	256QAM	1	24	20.13	20.26	20.27	20.16	20.19		
5	256QAM	12	0	20.17	20.24	20.33	20.15	20.24	21.5	5
5	256QAM	12	7	20.11	20.20	20.29	20.14	20.23		
5	256QAM	12	13	20.15	20.25	20.25	20.21	20.16		
5	256QAM	25	0	20.21	20.20	20.30	20.19	20.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	22.75	22.76	22.73	24	0
20	QPSK	1	49	22.63	22.72	22.68		
20	QPSK	1	99	22.61	22.71	22.63		
20	QPSK	50	0	21.58	21.71	21.63	23	1
20	QPSK	50	24	21.45	21.61	21.55		
20	QPSK	50	50	21.46	21.65	21.48		
20	QPSK	100	0	21.47	21.66	21.52		
20	16QAM	1	0	21.47	21.67	21.49	23	1
20	16QAM	1	49	21.53	21.67	21.50		
20	16QAM	1	99	21.43	21.57	21.54		
20	16QAM	50	0	20.71	20.86	20.70	22	2
20	16QAM	50	24	20.64	20.78	20.57		
20	16QAM	50	50	20.60	20.71	20.55		
20	16QAM	100	0	20.60	20.71	20.57		
20	64QAM	1	0	20.58	20.80	20.60	22	2
20	64QAM	1	49	20.66	20.81	20.59		
20	64QAM	1	99	20.59	20.74	20.63		
20	64QAM	50	0	19.76	19.88	19.78	21	3
20	64QAM	50	24	19.62	19.75	19.69		
20	64QAM	50	50	19.71	19.73	19.62		
20	64QAM	100	0	19.64	19.73	19.66		
20	256QAM	1	0	17.61	17.71	17.58	19	5
20	256QAM	1	49	17.51	17.62	17.51		
20	256QAM	1	99	17.52	17.64	17.45		
20	256QAM	50	0	17.46	17.57	17.46	19	5
20	256QAM	50	24	17.53	17.67	17.47		
20	256QAM	50	50	17.46	17.62	17.42		
20	256QAM	100	0	17.55	17.58	17.46		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	22.70	22.65	22.58	24	0
15	QPSK	1	37	22.50	22.67	22.62		
15	QPSK	1	74	22.53	22.60	22.52		
15	QPSK	36	0	21.51	21.60	21.56	23	1
15	QPSK	36	20	21.39	21.50	21.44		
15	QPSK	36	39	21.33	21.61	21.34		
15	QPSK	75	0	21.35	21.59	21.46		
15	16QAM	1	0	21.31	21.59	21.40	23	1
15	16QAM	1	37	21.42	21.58	21.45		
15	16QAM	1	74	21.31	21.42	21.44		
15	16QAM	36	0	20.64	20.79	20.65	22	2
15	16QAM	36	20	20.56	20.69	20.46		
15	16QAM	36	39	20.52	20.62	20.50		
15	16QAM	75	0	20.56	20.64	20.43		
15	64QAM	1	0	20.46	20.76	20.51	22	2
15	64QAM	1	37	20.50	20.72	20.52		
15	64QAM	1	74	20.53	20.65	20.51		
15	64QAM	36	0	19.64	19.79	19.62	21	3
15	64QAM	36	20	19.46	19.63	19.58		
15	64QAM	36	39	19.56	19.64	19.49		
15	64QAM	75	0	19.54	19.61	19.52		
15	256QAM	1	0	17.48	17.59	17.53	19	5
15	256QAM	1	37	17.43	17.54	17.41		
15	256QAM	1	74	17.39	17.52	17.39		
15	256QAM	36	0	17.32	17.45	17.42	19	5
15	256QAM	36	20	17.39	17.54	17.32		
15	256QAM	36	39	17.36	17.53	17.34		
15	256QAM	75	0	17.42	17.50	17.30		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3550	3575	3595		
10	QPSK	1	0	22.70	22.65	22.60	24	0
10	QPSK	1	25	22.53	22.58	22.62		
10	QPSK	1	49	22.48	22.62	22.55		
10	QPSK	25	0	21.51	21.57	21.57	23	1
10	QPSK	25	12	21.32	21.52	21.43		
10	QPSK	25	25	21.38	21.50	21.42		
10	QPSK	50	0	21.34	21.52	21.41		
10	16QAM	1	0	21.40	21.61	21.40	23	1
10	16QAM	1	25	21.47	21.62	21.36		
10	16QAM	1	49	21.35	21.47	21.48		
10	16QAM	25	0	20.66	20.79	20.62	22	2
10	16QAM	25	12	20.52	20.65	20.47		
10	16QAM	25	25	20.53	20.60	20.40		
10	16QAM	50	0	20.51	20.55	20.43		
10	64QAM	1	0	20.45	20.70	20.49	22	2
10	64QAM	1	25	20.58	20.74	20.50		
10	64QAM	1	49	20.52	20.65	20.48		
10	64QAM	25	0	19.61	19.73	19.72	21	3
10	64QAM	25	12	19.49	19.60	19.54		
10	64QAM	25	25	19.58	19.61	19.51		
10	64QAM	50	0	19.53	19.63	19.57		
10	256QAM	1	0	17.47	17.62	17.52	19	5
10	256QAM	1	25	17.37	17.47	17.40		
10	256QAM	1	49	17.42	17.58	17.32		
10	256QAM	25	0	17.32	17.41	17.39	19	5
10	256QAM	25	12	17.44	17.54	17.34		
10	256QAM	25	25	17.39	17.47	17.28		
10	256QAM	50	0	17.41	17.51	17.30		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3542.5	3575	3597.5		
5	QPSK	1	0	22.71	22.67	22.65	24	0
5	QPSK	1	12	22.53	22.58	22.54		
5	QPSK	1	24	22.50	22.61	22.52		
5	QPSK	12	0	21.45	21.60	21.51	23	1
5	QPSK	12	7	21.33	21.54	21.41		
5	QPSK	12	13	21.35	21.55	21.39		
5	QPSK	25	0	21.32	21.60	21.36		
5	16QAM	1	0	21.42	21.56	21.40	23	1
5	16QAM	1	12	21.45	21.59	21.37		
5	16QAM	1	24	21.27	21.52	21.40		
5	16QAM	12	0	20.56	20.73	20.60	22	2
5	16QAM	12	7	20.59	20.72	20.43		
5	16QAM	12	13	20.49	20.61	20.42		
5	16QAM	25	0	20.45	20.64	20.45		
5	64QAM	1	0	20.47	20.72	20.54	22	2
5	64QAM	1	12	20.51	20.74	20.49		
5	64QAM	1	24	20.45	20.69	20.49		
5	64QAM	12	0	19.64	19.76	19.70	21	3
5	64QAM	12	7	19.52	19.62	19.55		
5	64QAM	12	13	19.57	19.58	19.49		
5	64QAM	25	0	19.49	19.64	19.59		
5	256QAM	1	0	17.48	17.57	17.44	19	5
5	256QAM	1	12	17.40	17.48	17.46		
5	256QAM	1	24	17.37	17.55	17.34		
5	256QAM	12	0	17.35	17.45	17.33	19	5
5	256QAM	12	7	17.43	17.55	17.33		
5	256QAM	12	13	17.31	17.55	17.32		
5	256QAM	25	0	17.49	17.51	17.37		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.69	22.80	22.64	24	0
20	QPSK	1	49	22.64	22.70	22.53		
20	QPSK	1	99	22.58	22.67	22.51		
20	QPSK	50	0	21.63	21.75	21.66	23	1
20	QPSK	50	24	21.58	21.68	21.60		
20	QPSK	50	50	21.55	21.66	21.52		
20	QPSK	100	0	21.54	21.61	21.58		
20	16QAM	1	0	21.59	21.69	21.55	23	1
20	16QAM	1	49	21.47	21.67	21.55		
20	16QAM	1	99	21.51	21.66	21.55		
20	16QAM	50	0	20.81	20.88	20.73	22	2
20	16QAM	50	24	20.67	20.75	20.67		
20	16QAM	50	50	20.68	20.76	20.69		
20	16QAM	100	0	20.66	20.72	20.67		
20	64QAM	1	0	20.74	20.82	20.58	22	2
20	64QAM	1	49	20.72	20.83	20.69		
20	64QAM	1	99	20.70	20.83	20.57		
20	64QAM	50	0	19.68	19.81	19.76	21	3
20	64QAM	50	24	19.64	19.77	19.67		
20	64QAM	50	50	19.59	19.67	19.70		
20	64QAM	100	0	19.62	19.66	19.63		
20	256QAM	1	0	17.71	17.78	17.74	19	5
20	256QAM	1	49	17.57	17.70	17.65		
20	256QAM	1	99	17.55	17.70	17.67		
20	256QAM	50	0	17.56	17.62	17.59	19	5
20	256QAM	50	24	17.62	17.63	17.64		
20	256QAM	50	50	17.61	17.65	17.64		
20	256QAM	100	0	17.63	17.70	17.65		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.56	22.76	22.51	24	0
15	QPSK	1	37	22.50	22.57	22.42		
15	QPSK	1	74	22.47	22.55	22.45		
15	QPSK	36	0	21.57	21.60	21.50	23	1
15	QPSK	36	20	21.51	21.61	21.51		
15	QPSK	36	39	21.40	21.61	21.46		
15	QPSK	75	0	21.43	21.46	21.43		
15	16QAM	1	0	21.47	21.59	21.44	23	1
15	16QAM	1	37	21.37	21.51	21.49		
15	16QAM	1	74	21.38	21.54	21.44		
15	16QAM	36	0	20.72	20.84	20.67	22	2
15	16QAM	36	20	20.54	20.70	20.55		
15	16QAM	36	39	20.64	20.72	20.58		
15	16QAM	75	0	20.60	20.60	20.54		
15	64QAM	1	0	20.66	20.67	20.43	22	2
15	64QAM	1	37	20.57	20.76	20.59		
15	64QAM	1	74	20.56	20.70	20.42		
15	64QAM	36	0	19.61	19.74	19.71	21	3
15	64QAM	36	20	19.55	19.69	19.58		
15	64QAM	36	39	19.53	19.59	19.59		
15	64QAM	75	0	19.54	19.54	19.52		
15	256QAM	1	0	17.58	17.73	17.63	19	5
15	256QAM	1	37	17.46	17.58	17.56		
15	256QAM	1	74	17.50	17.61	17.57		
15	256QAM	36	0	17.51	17.51	17.52	19	5
15	256QAM	36	20	17.55	17.53	17.53		
15	256QAM	36	39	17.46	17.57	17.56		
15	256QAM	75	0	17.50	17.58	17.58		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.55	22.70	22.56	24	0
10	QPSK	1	25	22.50	22.63	22.45		
10	QPSK	1	49	22.47	22.62	22.36		
10	QPSK	25	0	21.55	21.68	21.51	23	1
10	QPSK	25	12	21.50	21.59	21.51		
10	QPSK	25	25	21.49	21.55	21.41		
10	QPSK	50	0	21.47	21.50	21.52		
10	16QAM	1	0	21.53	21.60	21.40	23	1
10	16QAM	1	25	21.34	21.60	21.48		
10	16QAM	1	49	21.40	21.58	21.42		
10	16QAM	25	0	20.77	20.77	20.62	22	2
10	16QAM	25	12	20.63	20.69	20.56		
10	16QAM	25	25	20.56	20.71	20.62		
10	16QAM	50	0	20.53	20.61	20.58		
10	64QAM	1	0	20.63	20.68	20.42	22	2
10	64QAM	1	25	20.57	20.77	20.55		
10	64QAM	1	49	20.61	20.72	20.45		
10	64QAM	25	0	19.62	19.66	19.71	21	3
10	64QAM	25	12	19.55	19.64	19.55		
10	64QAM	25	25	19.44	19.55	19.57		
10	64QAM	50	0	19.58	19.56	19.51		
10	256QAM	1	0	17.59	17.63	17.65	19	5
10	256QAM	1	25	17.48	17.56	17.52		
10	256QAM	1	49	17.48	17.59	17.57		
10	256QAM	25	0	17.48	17.52	17.44	19	5
10	256QAM	25	12	17.56	17.59	17.55		
10	256QAM	25	25	17.47	17.50	17.53		
10	256QAM	50	0	17.55	17.61	17.59		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.57	22.66	22.51	24	0
5	QPSK	1	12	22.51	22.61	22.43		
5	QPSK	1	24	22.48	22.52	22.41		
5	QPSK	12	0	21.58	21.60	21.51	23	1
5	QPSK	12	7	21.46	21.55	21.50		
5	QPSK	12	13	21.43	21.53	21.42		
5	QPSK	25	0	21.49	21.45	21.51		
5	16QAM	1	0	21.49	21.59	21.48	23	1
5	16QAM	1	12	21.41	21.52	21.44		
5	16QAM	1	24	21.42	21.61	21.47		
5	16QAM	12	0	20.74	20.74	20.59	22	2
5	16QAM	12	7	20.52	20.69	20.56		
5	16QAM	12	13	20.55	20.64	20.64		
5	16QAM	25	0	20.58	20.67	20.62		
5	64QAM	1	0	20.63	20.72	20.42	22	2
5	64QAM	1	12	20.64	20.77	20.64		
5	64QAM	1	24	20.65	20.69	20.49		
5	64QAM	12	0	19.54	19.70	19.67	21	3
5	64QAM	12	7	19.51	19.66	19.55		
5	64QAM	12	13	19.53	19.58	19.65		
5	64QAM	25	0	19.53	19.61	19.58		
5	256QAM	1	0	17.65	17.67	17.67	19	5
5	256QAM	1	12	17.45	17.57	17.52		
5	256QAM	1	24	17.48	17.61	17.54		
5	256QAM	12	0	17.51	17.52	17.51	19	5
5	256QAM	12	7	17.56	17.57	17.52		
5	256QAM	12	13	17.55	17.56	17.52		
5	256QAM	25	0	17.53	17.57	17.52		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44215	44240		
Frequency (MHz)				3680	3682.5	3685		
20	QPSK	1	0	22.84	22.86	22.78	24	0
20	QPSK	1	49	22.79	22.76	22.62		
20	QPSK	1	99	22.72	22.77	22.73		
20	QPSK	50	0	21.73	21.80	21.74	23	1
20	QPSK	50	24	21.61	21.65	21.70		
20	QPSK	50	50	21.67	21.70	21.64		
20	QPSK	100	0	21.62	21.74	21.65		
20	16QAM	1	0	21.58	21.67	21.66	23	1
20	16QAM	1	49	21.62	21.68	21.63		
20	16QAM	1	99	21.66	21.75	21.66		
20	16QAM	50	0	20.84	20.91	20.80	22	2
20	16QAM	50	24	20.68	20.76	20.65		
20	16QAM	50	50	20.75	20.84	20.68		
20	16QAM	100	0	20.77	20.82	20.75		
20	64QAM	1	0	20.79	20.84	20.69	22	2
20	64QAM	1	49	20.73	20.87	20.68		
20	64QAM	1	99	20.69	20.85	20.64		
20	64QAM	50	0	19.75	19.81	19.70	21	3
20	64QAM	50	24	19.60	19.76	19.63		
20	64QAM	50	50	19.64	19.72	19.62		
20	64QAM	100	0	19.62	19.74	19.56		
20	256QAM	1	0	17.67	17.72	17.66	19	5
20	256QAM	1	49	17.56	17.58	17.52		
20	256QAM	1	99	17.51	17.56	17.50		
20	256QAM	50	0	17.56	17.61	17.57	19	5
20	256QAM	50	24	17.57	17.58	17.53		
20	256QAM	50	50	17.62	17.59	17.60		
20	256QAM	100	0	17.55	17.60	17.56		
Channel				44165	44215	44265	Tune-up limit	MPR
Frequency (MHz)				3657.5	3682.5	3687.5	(dBm)	(dB)
15	QPSK	1	0	22.69	22.78	22.63	24	0
15	QPSK	1	37	22.67	22.62	22.56		
15	QPSK	1	74	22.62	22.71	22.59		
15	QPSK	36	0	21.65	21.69	21.67	23	1
15	QPSK	36	20	21.53	21.53	21.54		
15	QPSK	36	39	21.57	21.64	21.56		
15	QPSK	75	0	21.54	21.66	21.54		
15	16QAM	1	0	21.46	21.56	21.54	23	1
15	16QAM	1	37	21.46	21.55	21.54		
15	16QAM	1	74	21.59	21.63	21.52		
15	16QAM	36	0	20.68	20.81	20.68	22	2
15	16QAM	36	20	20.57	20.70	20.59		
15	16QAM	36	39	20.63	20.75	20.52		
15	16QAM	75	0	20.70	20.71	20.63		
15	64QAM	1	0	20.70	20.72	20.57	22	2
15	64QAM	1	37	20.68	20.72	20.54		
15	64QAM	1	74	20.63	20.78	20.55		
15	64QAM	36	0	19.65	19.76	19.58	21	3
15	64QAM	36	20	19.48	19.65	19.53		
15	64QAM	36	39	19.56	19.67	19.54		
15	64QAM	75	0	19.51	19.59	19.51		
15	256QAM	1	0	17.59	17.64	17.53	19	5
15	256QAM	1	37	17.43	17.45	17.40		
15	256QAM	1	74	17.41	17.51	17.36		
15	256QAM	36	0	17.52	17.55	17.51	19	5
15	256QAM	36	20	17.49	17.46	17.38		
15	256QAM	36	39	17.53	17.54	17.55		
15	256QAM	75	0	17.43	17.51	17.50		
Channel				44140	44215	44290	Tune-up limit	MPR
Frequency (MHz)				3655	3682.5	3670	(dBm)	(dB)
10	QPSK	1	0	22.71	22.78	22.68	24	0
10	QPSK	1	25	22.72	22.66	22.54		
10	QPSK	1	49	22.67	22.73	22.67		
10	QPSK	25	0	21.62	21.73	21.62	23	1
10	QPSK	25	12	21.53	21.60	21.59		
10	QPSK	25	25	21.51	21.59	21.48		
10	QPSK	50	0	21.55	21.68	21.52		
10	16QAM	1	0	21.44	21.60	21.55	23	1
10	16QAM	1	25	21.48	21.55	21.56		
10	16QAM	1	49	21.59	21.60	21.57		
10	16QAM	25	0	20.76	20.80	20.67	22	2
10	16QAM	25	12	20.54	20.71	20.54		
10	16QAM	25	25	20.66	20.68	20.56		
10	16QAM	50	0	20.66	20.73	20.64		
10	64QAM	1	0	20.71	20.68	20.58	22	2
10	64QAM	1	25	20.58	20.73	20.62		
10	64QAM	1	49	20.59	20.79	20.58		
10	64QAM	25	0	19.71	19.70	19.64	21	3
10	64QAM	25	12	19.54	19.67	19.58		
10	64QAM	25	25	19.50	19.61	19.53		
10	64QAM	50	0	19.55	19.67	19.52		
10	256QAM	1	0	17.56	17.58	17.51	19	5
10	256QAM	1	25	17.48	17.52	17.37		
10	256QAM	1	49	17.45	17.49	17.36		
10	256QAM	25	0	17.47	17.51	17.46	19	5
10	256QAM	25	12	17.46	17.44	17.43		
10	256QAM	25	25	17.47	17.54	17.48		
10	256QAM	50	0	17.39	17.54	17.48		
Channel				44115	44215	44315	Tune-up limit	MPR
Frequency (MHz)				3652.5	3682.5	3712.5	(dBm)	(dB)
5	QPSK	1	0	22.80	22.73	22.63	24	0
5	QPSK	1	12	22.73	22.63	22.49		
5	QPSK	1	24	22.57	22.64	22.66		
5	QPSK	12	0	21.66	21.73	21.65	23	1
5	QPSK	12	7	21.51	21.56	21.55		
5	QPSK	12	13	21.55	21.62	21.49		
5	QPSK	25	0	21.53	21.60	21.57		
5	16QAM	1	0	21.43	21.53	21.61	23	1
5	16QAM	1	12	21.55	21.54	21.49		
5	16QAM	1	24	21.54	21.66	21.59		
5	16QAM	12	0	20.68	20.81	20.76	22	2
5	16QAM	12	7	20.59	20.67	20.55		
5	16QAM	12	13	20.59	20.77	20.62		
5	16QAM	25	0	20.61	20.69	20.65		
5	64QAM	1	0	20.69	20.78	20.59	22	2
5	64QAM	1	12	20.63	20.82	20.56		
5	64QAM	1	24	20.58	20.78	20.54		
5	64QAM	12	0	19.71	19.73	19.64	21	3
5	64QAM	12	7	19.53	19.62	19.56		
5	64QAM	12	13	19.49	19.66	19.57		
5	64QAM	25	0	19.52	19.63	19.46		
5	256QAM	1	0	17.61	17.66	17.51	19	5
5	256QAM	1	12	17.48	17.49	17.38		
5	256QAM	1	24	17.43	17.45	17.44		
5	256QAM	12	0	17.46	17.52	17.49	19	5
5	256QAM	12	7	17.41	17.47	17.44		
5	256QAM	12	13	17.48	17.54	17.53		
5	256QAM	25	0	17.47	17.52	17.47		

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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	22.68	22.87	22.65	22.71	24	0
20	QPSK	1	49	22.67	22.81	22.71	22.71		
20	QPSK	1	99	22.71	22.83	22.73	22.75		
20	QPSK	50	0	21.70	21.85	21.74	21.70	23	1
20	QPSK	50	24	21.58	21.74	21.66	21.64		
20	QPSK	50	50	21.60	21.71	21.63	21.60		
20	QPSK	100	0	21.60	21.77	21.68	21.64		
20	16QAM	1	0	21.61	21.77	21.64	21.61	23	1
20	16QAM	1	49	21.60	21.78	21.63	21.55		
20	16QAM	1	99	21.57	21.80	21.59	21.65		
20	16QAM	50	0	20.94	20.99	20.91	20.85	22	2
20	16QAM	50	24	20.79	20.94	20.79	20.74		
20	16QAM	50	50	20.78	20.92	20.83	20.81		
20	16QAM	100	0	20.81	20.93	20.84	20.71		
20	64QAM	1	0	20.80	20.89	20.78	20.72	22	2
20	64QAM	1	49	20.80	20.94	20.86	20.77		
20	64QAM	1	99	20.85	20.84	20.83	20.81		
20	64QAM	50	0	19.78	19.88	19.82	19.79	21	3
20	64QAM	50	24	19.63	19.74	19.78	19.71		
20	64QAM	50	50	19.69	19.82	19.72	19.70		
20	64QAM	100	0	19.72	19.82	19.76	19.75		
20	256QAM	1	0	17.80	17.92	17.78	17.85	19	5
20	256QAM	1	49	17.69	17.87	17.64	17.80		
20	256QAM	1	99	17.74	17.77	17.73	17.79		
20	256QAM	50	0	17.75	17.79	17.70	17.74	19	5
20	256QAM	50	24	17.67	17.83	17.64	17.77		
20	256QAM	50	50	17.75	17.81	17.71	17.72		
20	256QAM	100	0	17.69	17.79	17.72	17.71		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	22.60	22.82	22.58	22.60	24	0
15	QPSK	1	37	22.52	22.76	22.63	22.58		
15	QPSK	1	74	22.57	22.72	22.63	22.69		
15	QPSK	36	0	21.56	21.76	21.67	21.60	23	1
15	QPSK	36	20	21.44	21.59	21.61	21.54		
15	QPSK	36	39	21.45	21.56	21.48	21.53		
15	QPSK	75	0	21.53	21.67	21.55	21.57		
15	16QAM	1	0	21.57	21.62	21.56	21.47	23	1
15	16QAM	1	37	21.55	21.73	21.49	21.46		
15	16QAM	1	74	21.45	21.71	21.50	21.58		
15	16QAM	36	0	20.87	20.89	20.83	20.80	22	2
15	16QAM	36	20	20.70	20.87	20.68	20.61		
15	16QAM	36	39	20.72	20.87	20.78	20.71		
15	16QAM	75	0	20.72	20.89	20.71	20.64		
15	64QAM	1	0	20.74	20.81	20.71	20.64	22	2
15	64QAM	1	37	20.69	20.90	20.77	20.61		
15	64QAM	1	74	20.80	20.74	20.70	20.66		
15	64QAM	36	0	19.65	19.76	19.70	19.73	21	3
15	64QAM	36	20	19.54	19.61	19.68	19.65		
15	64QAM	36	39	19.56	19.78	19.64	19.60		
15	64QAM	75	0	19.66	19.74	19.65	19.61		
15	256QAM	1	0	17.72	17.76	17.65	17.72	19	5
15	256QAM	1	37	17.59	17.77	17.56	17.69		
15	256QAM	1	74	17.68	17.72	17.68	17.70		
15	256QAM	36	0	17.70	17.74	17.55	17.59	19	5
15	256QAM	36	20	17.57	17.68	17.51	17.66		
15	256QAM	36	39	17.61	17.68	17.60	17.60		
15	256QAM	75	0	17.58	17.67	17.58	17.66		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3552	3607.5	3642.5	3695	(dBm)	(dB)
10	QPSK	1	0	22.62	22.78	22.54	22.67	24	0
10	QPSK	1	25	22.51	22.76	22.64	22.62		
10	QPSK	1	49	22.62	22.71	22.63	22.62		
10	QPSK	25	0	21.59	21.69	21.62	21.57	23	1
10	QPSK	25	12	21.43	21.59	21.62	21.49		
10	QPSK	25	25	21.53	21.63	21.51	21.48		
10	QPSK	50	0	21.50	21.70	21.58	21.57		
10	16QAM	1	0	21.56	21.62	21.60	21.56	23	1
10	16QAM	1	25	21.49	21.68	21.51	21.40		
10	16QAM	1	49	21.48	21.73	21.46	21.52		
10	16QAM	25	0	20.82	20.91	20.85	20.70	22	2
10	16QAM	25	12	20.65	20.88	20.72	20.59		
10	16QAM	25	25	20.69	20.79	20.76	20.69		
10	16QAM	50	0	20.67	20.81	20.79	20.67		
10	64QAM	1	0	20.71	20.76	20.63	20.60	22	2
10	64QAM	1	25	20.74	20.82	20.74	20.72		
10	64QAM	1	49	20.72	20.75	20.77	20.69		
10	64QAM	25	0	19.64	19.72	19.68	19.64	21	3
10	64QAM	25	12	19.59	19.63	19.71	19.63		
10	64QAM	25	25	19.55	19.68	19.57	19.55		
10	64QAM	50	0	19.63	19.69	19.68	19.66		
10	256QAM	1	0	17.69	17.86	17.68	17.81	19	5
10	256QAM	1	25	17.62	17.76	17.60	17.65		
10	256QAM	1	49	17.58	17.66	17.66	17.75		
10	256QAM	25	0	17.63	17.68	17.56	17.60	19	5
10	256QAM	25	12	17.61	17.70	17.53	17.70		
10	256QAM	25	25	17.61	17.71	17.67	17.63		
10	256QAM	50	0	17.60	17.69	17.64	17.58		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3550.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	22.53	22.73	22.59	22.57	24	0
5	QPSK	1	12	22.63	22.76	22.58	22.56		
5	QPSK	1	24	22.56	22.74	22.59	22.68		
5	QPSK	12	0	21.55	21.75	21.58	21.60	23	1
5	QPSK	12	7	21.47	21.61	21.59	21.49		
5	QPSK	12	13	21.54	21.58	21.49	21.50		
5	QPSK	25	0	21.54	21.63	21.58	21.55		
5	16QAM	1	0	21.46	21.65	21.51	21.51	23	1
5	16QAM	1	12	21.44	21.74	21.53	21.50		
5	16QAM	1	24	21.47	21.66	21.52	21.51		
5	16QAM	12	0	20.89	20.94	20.80	20.78	22	2
5	16QAM	12	7	20.72	20.84	20.72	20.64		
5	16QAM	12	13	20.72	20.83	20.76	20.68		
5	16QAM	25	0	20.66	20.85	20.77	20.65		
5	64QAM	1	0	20.75	20.78	20.64	20.65	22	2
5	64QAM	1	12	20.70	20.86	20.71	20.67		
5	64QAM	1	24	20.72	20.76	20.72	20.77		
5	64QAM	12	0	19.72	19.81	19.73	19.72	21	3
5	64QAM	12	7	19.55	19.60	19.64	19.66		
5	64QAM	12	13	19.59	19.77	19.58	19.63		
5	64QAM	25	0	19.62	19.68	19.68	19.64		
5	256QAM	1	0	17.75	17.83	17.66	17.72	19	5
5	256QAM	1	12	17.63	17.77	17.49	17.68		
5	256QAM	1	24	17.64	17.62	17.60	17.70		
5	256QAM	12	0	17.61	17.69	17.57	17.65	19	5
5	256QAM	12	7	17.61	17.68	17.56	17.72		
5	256QAM	12	13	17.61	17.73	17.58	17.59		
5	256QAM	25	0	17.58	17.75	17.58	17.57		

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BW [MHz]	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	18.50	18.56	18.52	19.6	0
20	QPSK	1	49	18.43	18.43	18.45		
20	QPSK	1	99	18.36	18.42	18.44		
20	QPSK	50	0	18.39	18.50	18.48	19.6	0
20	QPSK	50	24	18.39	18.46	18.37		
20	QPSK	50	50	18.41	18.41	18.40		
20	QPSK	100	0	18.41	18.47	18.45		
20	16QAM	1	0	18.42	18.45	18.41	19.6	0
20	16QAM	1	49	18.37	18.41	18.34		
20	16QAM	1	99	18.29	18.37	18.40		
20	16QAM	50	0	18.30	18.45	18.43	19.6	0
20	16QAM	50	24	18.33	18.36	18.27		
20	16QAM	50	50	18.35	18.39	18.37		
20	16QAM	100	0	18.38	18.44	18.33		
20	64QAM	1	0	18.46	18.46	18.45	19.6	0
20	64QAM	1	49	18.39	18.39	18.38		
20	64QAM	1	99	18.32	18.40	18.33		
20	64QAM	50	0	18.28	18.39	18.38	19.6	0
20	64QAM	50	24	18.33	18.41	18.30		
20	64QAM	50	50	18.40	18.37	18.38		
20	64QAM	100	0	18.41	18.36	18.44		
20	256QAM	1	0	18.35	18.45	18.39	19.5	0.1
20	256QAM	1	49	18.23	18.28	18.33		
20	256QAM	1	99	18.15	18.20	18.24		
20	256QAM	50	0	18.26	18.40	18.32	19.5	0.1
20	256QAM	50	24	18.18	18.24	18.15		
20	256QAM	50	50	18.30	18.28	18.26		
20	256QAM	100	0	18.23	18.30	18.29		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.45	18.52	18.47	19.6	0
15	QPSK	1	37	18.31	18.36	18.41		
15	QPSK	1	74	18.28	18.32	18.43		
15	QPSK	36	0	18.31	18.39	18.39	19.6	0
15	QPSK	36	20	18.37	18.44	18.31		
15	QPSK	36	39	18.31	18.30	18.39		
15	QPSK	75	0	18.29	18.36	18.39		
15	16QAM	1	0	18.39	18.35	18.40	19.6	0
15	16QAM	1	37	18.36	18.40	18.31		
15	16QAM	1	74	18.19	18.28	18.35		
15	16QAM	36	0	18.18	18.34	18.33	19.6	0
15	16QAM	36	20	18.30	18.28	18.26		
15	16QAM	36	39	18.23	18.35	18.35		
15	16QAM	75	0	18.33	18.39	18.25		
15	64QAM	1	0	18.45	18.36	18.44	19.6	0
15	64QAM	1	37	18.32	18.36	18.35		
15	64QAM	1	74	18.28	18.30	18.23		
15	64QAM	36	0	18.26	18.37	18.31	19.6	0
15	64QAM	36	20	18.30	18.37	18.28		
15	64QAM	36	39	18.39	18.26	18.35		
15	64QAM	75	0	18.41	18.25	18.37		
15	256QAM	1	0	18.32	18.39	18.28	19.5	0.1
15	256QAM	1	37	18.23	18.16	18.24		
15	256QAM	1	74	18.03	18.16	18.13		
15	256QAM	36	0	18.16	18.35	18.21	19.5	0.1
15	256QAM	36	20	18.08	18.16	18.04		
15	256QAM	36	39	18.20	18.19	18.25		
15	256QAM	75	0	18.16	18.26	18.22		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.39	18.50	18.44	19.6	0
10	QPSK	1	25	18.38	18.41	18.40		
10	QPSK	1	49	18.31	18.38	18.39		
10	QPSK	25	0	18.30	18.47	18.41	19.6	0
10	QPSK	25	12	18.30	18.35	18.31		
10	QPSK	25	25	18.35	18.36	18.34		
10	QPSK	50	0	18.32	18.36	18.42		
10	16QAM	1	0	18.38	18.34	18.36	19.6	0
10	16QAM	1	25	18.30	18.34	18.33		
10	16QAM	1	49	18.17	18.30	18.39		
10	16QAM	25	0	18.21	18.38	18.42	19.6	0
10	16QAM	25	12	18.31	18.25	18.26		
10	16QAM	25	25	18.30	18.33	18.31		
10	16QAM	50	0	18.29	18.40	18.31		
10	64QAM	1	0	18.37	18.44	18.41	19.6	0
10	64QAM	1	25	18.35	18.27	18.26		
10	64QAM	1	49	18.20	18.33	18.30		
10	64QAM	25	0	18.19	18.28	18.37	19.6	0
10	64QAM	25	12	18.24	18.40	18.28		
10	64QAM	25	25	18.31	18.25	18.36		
10	64QAM	50	0	18.33	18.35	18.37		
10	256QAM	1	0	18.31	18.37	18.36	19.5	0.1
10	256QAM	1	25	18.23	18.25	18.23		
10	256QAM	1	49	18.06	18.09	18.19		
10	256QAM	25	0	18.23	18.38	18.32	19.5	0.1
10	256QAM	25	12	18.11	18.18	18.04		
10	256QAM	25	25	18.28	18.22	18.20		
10	256QAM	50	0	18.11	18.21	18.22		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.48	18.49	18.43	19.6	0
5	QPSK	1	12	18.39	18.40	18.45		
5	QPSK	1	24	18.32	18.32	18.35		
5	QPSK	12	0	18.28	18.39	18.38	19.6	0
5	QPSK	12	7	18.33	18.35	18.30		
5	QPSK	12	13	18.36	18.39	18.39		
5	QPSK	25	0	18.41	18.43	18.36		
5	16QAM	1	0	18.42	18.38	18.41	19.6	0
5	16QAM	1	12	18.30	18.29	18.32		
5	16QAM	1	24	18.28	18.27	18.40		
5	16QAM	12	0	18.28	18.43	18.42	19.6	0
5	16QAM	12	7	18.24	18.25	18.18		
5	16QAM	12	13	18.24	18.27	18.28		
5	16QAM	25	0	18.34	18.33	18.32		
5	64QAM	1	0	18.35	18.38	18.40	19.6	0
5	64QAM	1	12	18.26	18.32	18.27		
5	64QAM	1	24	18.27	18.33	18.26		
5	64QAM	12	0	18.26	18.32	18.30	19.6	0
5	64QAM	12	7	18.24	18.33	18.22		
5	64QAM	12	13	18.29	18.30	18.36		
5	64QAM	25	0	18.35	18.33	18.33		
5	256QAM	1	0	18.24	18.39	18.34	19.5	0.1
5	256QAM	1	12	18.13	18.18	18.26		
5	256QAM	1	24	18.11	18.18	18.15		
5	256QAM	12	0	18.25	18.31	18.24	19.5	0.1
5	256QAM	12	7	18.17	18.22	18.05		
5	256QAM	12	13	18.24	18.21	18.16		
5	256QAM	25	0	18.22	18.25	18.24		

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BW [MHz]	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	20.66	20.66	20.56		
20	QPSK	1	49	20.48	20.47	20.45	22	0
20	QPSK	1	99	20.54	20.53	20.48		
20	QPSK	50	0	20.55	20.62	20.56		
20	QPSK	50	24	20.48	20.54	20.47	22	0
20	QPSK	50	50	20.42	20.48	20.45		
20	QPSK	100	0	20.58	20.60	20.49		
20	16QAM	1	0	20.54	20.56	20.47		
20	16QAM	1	49	20.46	20.39	20.44	22	0
20	16QAM	1	99	20.36	20.52	20.38		
20	16QAM	50	0	20.50	20.49	20.58		
20	16QAM	50	24	20.38	20.41	20.34	22	0
20	16QAM	50	50	20.47	20.39	20.45		
20	16QAM	100	0	20.52	20.45	20.47		
20	64QAM	1	0	20.58	20.51	20.55		
20	64QAM	1	49	20.47	20.38	20.37	22	0
20	64QAM	1	99	20.41	20.54	20.34		
20	64QAM	50	0	19.62	19.54	19.68		
20	64QAM	50	24	19.39	19.60	19.41	21	1
20	64QAM	50	50	19.51	19.53	19.54		
20	64QAM	100	0	19.58	19.57	19.56		
20	256QAM	1	0	17.65	17.67	17.59		
20	256QAM	1	49	17.50	17.54	17.49	19	3
20	256QAM	1	99	17.55	17.54	17.48		
20	256QAM	50	0	17.57	17.58	17.58		
20	256QAM	50	24	17.37	17.47	17.42	19	3
20	256QAM	50	50	17.48	17.46	17.59		
20	256QAM	100	0	17.63	17.58	17.47		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.59	20.63	20.47		
15	QPSK	1	37	20.46	20.47	20.34	22	0
15	QPSK	1	74	20.54	20.48	20.46		
15	QPSK	36	0	20.51	20.51	20.46		
15	QPSK	36	20	20.37	20.43	20.42	22	0
15	QPSK	36	39	20.37	20.42	20.36		
15	QPSK	75	0	20.53	20.58	20.39		
15	16QAM	1	0	20.54	20.53	20.43		
15	16QAM	1	37	20.41	20.31	20.38	22	0
15	16QAM	1	74	20.34	20.43	20.37		
15	16QAM	36	0	20.45	20.39	20.49		
15	16QAM	36	20	20.33	20.39	20.27	22	0
15	16QAM	36	39	20.36	20.35	20.39		
15	16QAM	75	0	20.43	20.35	20.36		
15	64QAM	1	0	20.52	20.49	20.48		
15	64QAM	1	37	20.44	20.36	20.30	22	0
15	64QAM	1	74	20.40	20.52	20.25		
15	64QAM	36	0	19.60	19.49	19.65		
15	64QAM	36	20	19.29	19.53	19.40	21	1
15	64QAM	36	39	19.44	19.47	19.46		
15	64QAM	75	0	19.46	19.46	19.50		
15	256QAM	1	0	17.54	17.67	17.58		
15	256QAM	1	37	17.42	17.51	17.45	19	3
15	256QAM	1	74	17.46	17.54	17.48		
15	256QAM	36	0	17.46	17.57	17.56		
15	256QAM	36	20	17.27	17.41	17.40	19	3
15	256QAM	36	39	17.37	17.41	17.53		
15	256QAM	75	0	17.57	17.53	17.43		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.66	20.59	20.54		
10	QPSK	1	25	20.41	20.38	20.34	22	0
10	QPSK	1	49	20.46	20.45	20.39		
10	QPSK	25	0	20.53	20.57	20.56		
10	QPSK	25	12	20.39	20.42	20.43	22	0
10	QPSK	25	25	20.32	20.41	20.42		
10	QPSK	50	0	20.51	20.48	20.44		
10	16QAM	1	0	20.51	20.44	20.35		
10	16QAM	1	25	20.41	20.28	20.36	22	0
10	16QAM	1	49	20.32	20.41	20.32		
10	16QAM	25	0	20.40	20.48	20.54		
10	16QAM	25	12	20.28	20.40	20.24	22	0
10	16QAM	25	25	20.46	20.35	20.44		
10	16QAM	50	0	20.44	20.43	20.35		
10	64QAM	1	0	20.57	20.50	20.48		
10	64QAM	1	25	20.46	20.34	20.26	22	0
10	64QAM	1	49	20.30	20.45	20.22		
10	64QAM	25	0	19.53	19.44	19.56		
10	64QAM	25	12	19.28	19.60	19.39	21	1
10	64QAM	25	25	19.51	19.44	19.52		
10	64QAM	50	0	19.49	19.51	19.50		
10	256QAM	1	0	17.59	17.61	17.48		
10	256QAM	1	25	17.44	17.47	17.39	19	3
10	256QAM	1	49	17.54	17.45	17.46		
10	256QAM	25	0	17.51	17.49	17.56		
10	256QAM	25	12	17.35	17.46	17.39	19	3
10	256QAM	25	25	17.48	17.42	17.50		
10	256QAM	50	0	17.60	17.49	17.36		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.61	20.57	20.44		
5	QPSK	1	12	20.39	20.37	20.42	22	0
5	QPSK	1	24	20.45	20.50	20.43		
5	QPSK	12	0	20.45	20.50	20.53		
5	QPSK	12	7	20.41	20.47	20.45	22	0
5	QPSK	12	13	20.32	20.42	20.38		
5	QPSK	25	0	20.58	20.51	20.40		
5	16QAM	1	0	20.48	20.54	20.43		
5	16QAM	1	12	20.44	20.28	20.34	22	0
5	16QAM	1	24	20.34	20.42	20.31		
5	16QAM	12	0	20.40	20.39	20.53		
5	16QAM	12	7	20.28	20.40	20.29	22	0
5	16QAM	12	13	20.46	20.28	20.40		
5	16QAM	25	0	20.41	20.33	20.43		
5	64QAM	1	0	20.47	20.41	20.53		
5	64QAM	1	12	20.37	20.36	20.34	22	0
5	64QAM	1	24	20.36	20.52	20.26		
5	64QAM	12	0	19.53	19.49	19.58		
5	64QAM	12	7	19.38	19.53	19.34	21	1
5	64QAM	12	13	19.50	19.42	19.42		
5	64QAM	25	0	19.53	19.49	19.51		
5	256QAM	1	0	17.55	17.65	17.52		
5	256QAM	1	12	17.42	17.49	17.40	19	3
5	256QAM	1	24	17.51	17.49	17.43		
5	256QAM	12	0	17.51	17.50	17.48		
5	256QAM	12	7	17.33	17.37	17.40	19	3
5	256QAM	12	13	17.38	17.43	17.49		
5	256QAM	25	0	17.54	17.46	17.45		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.29	22.39	22.34		
20	QPSK	1	49	22.15	22.24	22.17	23.6	0
20	QPSK	1	99	22.23	22.25	22.26		
20	QPSK	50	0	22.33	22.35	22.22		
20	QPSK	50	24	22.23	22.16	22.26	23.6	0
20	QPSK	50	50	22.22	22.24	22.23		
20	QPSK	100	0	22.31	22.33	22.23		
20	16QAM	1	0	22.25	22.26	22.29		
20	16QAM	1	49	22.02	22.07	22.12	23.6	0
20	16QAM	1	99	22.08	22.21	22.16		
20	16QAM	50	0	22.26	22.24	22.19		
20	16QAM	50	24	22.15	22.18	22.12	23.6	0
20	16QAM	50	50	22.16	22.06	22.22		
20	16QAM	100	0	22.16	22.29	22.21		
20	64QAM	1	0	22.27	22.28	22.21		
20	64QAM	1	49	22.05	22.08	22.20	23.6	0
20	64QAM	1	99	22.03	22.21	22.26		
20	64QAM	50	0	22.21	22.17	22.15		
20	64QAM	50	24	22.18	22.07	22.03	23.6	0
20	64QAM	50	50	22.12	22.17	22.18		
20	64QAM	100	0	22.12	22.20	22.16		
20	256QAM	1	0	20.45	20.51	20.44		
20	256QAM	1	49	20.23	20.35	20.32	22	1.6
20	256QAM	1	99	20.35	20.24	20.36		
20	256QAM	50	0	20.49	20.51	20.31		
20	256QAM	50	24	20.22	20.33	20.24	22	1.6
20	256QAM	50	50	20.30	20.30	20.26		
20	256QAM	100	0	20.41	20.38	20.42		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.23	22.28	22.29		
15	QPSK	1	37	22.11	22.17	22.13	23.6	0
15	QPSK	1	74	22.19	22.16	22.23		
15	QPSK	36	0	22.22	22.23	22.08		
15	QPSK	36	20	22.13	22.09	22.13	23.6	0
15	QPSK	36	39	22.11	22.15	22.16		
15	QPSK	75	0	22.18	22.25	22.14		
15	16QAM	1	0	22.18	22.17	22.19		
15	16QAM	1	37	21.95	21.95	22.02	23.6	0
15	16QAM	1	74	22.02	22.15	22.02		
15	16QAM	36	0	22.12	22.18	22.08		
15	16QAM	36	20	22.10	22.05	22.03	23.6	0
15	16QAM	36	39	22.13	21.93	22.10		
15	16QAM	75	0	22.04	22.20	22.17		
15	64QAM	1	0	22.22	22.19	22.19		
15	64QAM	1	37	21.98	21.97	22.08	23.6	0
15	64QAM	1	74	21.96	22.14	22.15		
15	64QAM	36	0	22.18	22.11	22.13		
15	64QAM	36	20	22.08	21.97	21.99	23.6	0
15	64QAM	36	39	22.03	22.10	22.11		
15	64QAM	75	0	22.07	22.08	22.14		
15	256QAM	1	0	20.36	20.47	20.30		
15	256QAM	1	37	20.19	20.31	20.26	22	1.6
15	256QAM	1	74	20.26	20.10	20.27		
15	256QAM	36	0	20.45	20.47	20.20		
15	256QAM	36	20	20.20	20.22	20.18	22	1.6
15	256QAM	36	39	20.24	20.25	20.17		
15	256QAM	75	0	20.27	20.34	20.30		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.17	22.25	22.28		
10	QPSK	1	25	22.03	22.10	22.14	23.6	0
10	QPSK	1	49	22.19	22.22	22.12		
10	QPSK	25	0	22.26	22.29	22.13		
10	QPSK	25	12	22.18	22.09	22.17	23.6	0
10	QPSK	25	25	22.11	22.22	22.09		
10	QPSK	50	0	22.18	22.20	22.13		
10	16QAM	1	0	22.21	22.20	22.15		
10	16QAM	1	25	21.94	21.95	22.03	23.6	0
10	16QAM	1	49	22.06	22.11	22.03		
10	16QAM	25	0	22.19	22.19	22.05		
10	16QAM	25	12	22.08	22.07	22.09	23.6	0
10	16QAM	25	25	22.12	22.04	22.12		
10	16QAM	50	0	22.11	22.21	22.15		
10	64QAM	1	0	22.20	22.15	22.08		
10	64QAM	1	25	21.99	21.99	22.07	23.6	0
10	64QAM	1	49	21.90	22.17	22.23		
10	64QAM	25	0	22.11	22.08	22.05		
10	64QAM	25	12	22.10	21.99	21.97	23.6	0
10	64QAM	25	25	22.00	22.04	22.13		
10	64QAM	50	0	22.08	22.13	22.10		
10	256QAM	1	0	20.36	20.38	20.31		
10	256QAM	1	25	20.12	20.31	20.23	22	1.6
10	256QAM	1	49	20.25	20.13	20.28		
10	256QAM	25	0	20.35	20.45	20.28		
10	256QAM	25	12	20.17	20.25	20.17	22	1.6
10	256QAM	25	25	20.16	20.23	20.13		
10	256QAM	50	0	20.31	20.35	20.34		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.25	22.28	22.22		
5	QPSK	1	12	22.10	22.15	22.11	23.6	0
5	QPSK	1	24	22.17	22.21	22.18		
5	QPSK	12	0	22.22	22.26	22.14		
5	QPSK	12	7	22.16	22.08	22.20	23.6	0
5	QPSK	12	13	22.15	22.13	22.18		
5	QPSK	25	0	22.26	22.30	22.14		
5	16QAM	1	0	22.22	22.15	22.19		
5	16QAM	1	12	21.95	22.02	22.06	23.6	0
5	16QAM	1	24	22.01	22.08	22.08		
5	16QAM	12	0	22.19	22.20	22.14		
5	16QAM	12	7	22.08	22.11	22.05	23.6	0
5	16QAM	12	13	22.13	21.97	22.12		
5	16QAM	25	0	22.04	22.26	22.15		
5	64QAM	1	0	22.14	22.16	22.10		
5	64QAM	1	12	21.98	21.98	22.12	23.6	0
5	64QAM	1	24	21.98	22.13	22.21		
5	64QAM	12	0	22.10	22.10	22.08		
5	64QAM	12	7	22.13	22.03	21.96	23.6	0
5	64QAM	12	13	22.10	22.10	22.13		
5	64QAM	25	0	22.01	22.09	22.06		
5	256QAM	1	0	20.41	20.39	20.30		
5	256QAM	1	12	20.15	20.22	20.29	22	1.6
5	256QAM	1	24	20.32	20.12	20.30		
5	256QAM	12	0	20.47	20.49	20.21		
5	256QAM	12	7	20.16	20.25	20.12	22	1.6
5	256QAM	12	13	20.25	20.19	20.23		
5	256QAM	25	0	20.28	20.32	20.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.62	20.66	20.70	20.65	20.68	22	0
20	QPSK	1	49	20.50	20.54	20.59	20.52	20.56		
20	QPSK	1	99	20.48	20.57	20.57	20.53	20.55		
20	QPSK	50	0	20.60	20.63	20.64	20.64	20.62	22	0
20	QPSK	50	24	20.50	20.50	20.57	20.56	20.52		
20	QPSK	50	50	20.54	20.50	20.53	20.55	20.58		
20	QPSK	100	0	20.53	20.62	20.62	20.58	20.60		
20	16QAM	1	0	20.60	20.61	20.59	20.58	20.64	22	0
20	16QAM	1	49	20.41	20.49	20.47	20.48	20.44		
20	16QAM	1	99	20.36	20.47	20.55	20.46	20.54		
20	16QAM	50	0	20.56	20.59	20.58	20.63	20.53	22	0
20	16QAM	50	24	20.40	20.41	20.52	20.45	20.49		
20	16QAM	50	50	20.53	20.47	20.50	20.47	20.46		
20	16QAM	100	0	20.47	20.58	20.55	20.51	20.54		
20	64QAM	1	0	20.51	20.64	20.58	20.63	20.61	22	0
20	64QAM	1	49	20.38	20.49	20.49	20.45	20.49		
20	64QAM	1	99	20.37	20.49	20.56	20.42	20.50		
20	64QAM	50	0	19.57	19.69	19.66	19.71	19.68	21	1
20	64QAM	50	24	19.47	19.49	19.61	19.47	19.52		
20	64QAM	50	50	19.46	19.53	19.62	19.54	19.60		
20	64QAM	100	0	19.56	19.63	19.64	19.66	19.61		
20	256QAM	1	0	17.62	17.68	17.67	17.68	17.67	19	3
20	256QAM	1	49	17.55	17.53	17.55	17.53	17.58		
20	256QAM	1	99	17.43	17.59	17.57	17.53	17.60		
20	256QAM	50	0	17.60	17.66	17.68	17.60	17.64	19	3
20	256QAM	50	24	17.49	17.48	17.53	17.51	17.50		
20	256QAM	50	50	17.56	17.55	17.51	17.61	17.62		
20	256QAM	100	0	17.57	17.64	17.67	17.56	17.65		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.51	20.65	20.62	20.64	20.57	22	0
15	QPSK	1	37	20.46	20.53	20.54	20.43	20.47		
15	QPSK	1	74	20.37	20.52	20.45	20.51	20.49		
15	QPSK	36	0	20.48	20.53	20.61	20.54	20.59	22	0
15	QPSK	36	20	20.42	20.40	20.46	20.50	20.49		
15	QPSK	36	39	20.45	20.40	20.52	20.44	20.54		
15	QPSK	75	0	20.43	20.58	20.55	20.53	20.50		
15	16QAM	1	0	20.49	20.55	20.55	20.58	20.59	22	0
15	16QAM	1	37	20.41	20.39	20.47	20.37	20.33		
15	16QAM	1	74	20.26	20.38	20.44	20.40	20.49		
15	16QAM	36	0	20.48	20.49	20.56	20.59	20.45	22	0
15	16QAM	36	20	20.36	20.36	20.45	20.39	20.40		
15	16QAM	36	39	20.50	20.36	20.49	20.43	20.34		
15	16QAM	75	0	20.45	20.48	20.49	20.39	20.49		
15	64QAM	1	0	20.39	20.59	20.52	20.54	20.54	22	0
15	64QAM	1	37	20.28	20.48	20.42	20.38	20.48		
15	64QAM	1	74	20.29	20.46	20.53	20.38	20.41		
15	64QAM	36	0	19.50	19.58	19.62	19.69	19.65	21	1
15	64QAM	36	20	19.36	19.39	19.58	19.40	19.41		
15	64QAM	36	39	19.44	19.50	19.57	19.53	19.58		
15	64QAM	75	0	19.53	19.57	19.55	19.54	19.56		
15	256QAM	1	0	17.56	17.59	17.56	17.63	17.64	19	3
15	256QAM	1	37	17.53	17.47	17.53	17.47	17.55		
15	256QAM	1	74	17.31	17.54	17.54	17.50	17.55		
15	256QAM	36	0	17.58	17.65	17.68	17.56	17.62	19	3
15	256QAM	36	20	17.42	17.39	17.47	17.49	17.41		
15	256QAM	36	39	17.46	17.50	17.43	17.58	17.60		
15	256QAM	75	0	17.55	17.53	17.57	17.45	17.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.50	20.65	20.60	20.54	20.65	22	0
10	QPSK	1	25	20.43	20.48	20.54	20.45	20.53		
10	QPSK	1	49	20.40	20.49	20.56	20.46	20.55		
10	QPSK	25	0	20.58	20.56	20.61	20.64	20.61	22	0
10	QPSK	25	12	20.47	20.39	20.54	20.50	20.47		
10	QPSK	25	25	20.50	20.50	20.43	20.54	20.54		
10	QPSK	50	0	20.45	20.53	20.53	20.53	20.51		
10	16QAM	1	0	20.58	20.56	20.58	20.55	20.63	22	0
10	16QAM	1	25	20.34	20.49	20.46	20.42	20.34		
10	16QAM	1	49	20.31	20.38	20.48	20.40	20.49		
10	16QAM	25	0	20.51	20.58	20.57	20.60	20.47	22	0
10	16QAM	25	12	20.34	20.34	20.43	20.45	20.43		
10	16QAM	25	25	20.53	20.36	20.43	20.41	20.41		
10	16QAM	50	0	20.35	20.49	20.53	20.44	20.51		
10	64QAM	1	0	20.45	20.61	20.56	20.61	20.51	22	0
10	64QAM	1	25	20.28	20.40	20.38	20.35	20.39		
10	64QAM	1	49	20.32	20.42	20.45	20.35	20.39		
10	64QAM	25	0	19.48	19.60	19.57	19.61	19.58	21	1
10	64QAM	25	12	19.43	19.46	19.60	19.39	19.46		
10	64QAM	25	25	19.34	19.50	19.58	19.52	19.56		
10	64QAM	50	0	19.51	19.53	19.56	19.61	19.58		
10	256QAM	1	0	17.62	17.60	17.59	17.67	17.64	19	3
10	256QAM	1	25	17.53	17.49	17.43	17.44	17.49		
10	256QAM	1	49	17.38	17.53	17.54	17.44	17.49		
10	256QAM	25	0	17.60	17.64	17.60	17.49	17.59	19	3
10	256QAM	25	12	17.37	17.38	17.45	17.49	17.44		
10	256QAM	25	25	17.55	17.51	17.51	17.53	17.53		
10	256QAM	50	0	17.53	17.55	17.67	17.48	17.57		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.59	20.55	20.65	20.57	20.60	22	0
5	QPSK	1	12	20.41	20.46	20.58	20.47	20.47		
5	QPSK	1	24	20.38	20.53	20.48	20.43	20.54		
5	QPSK	12	0	20.49	20.62	20.57	20.53	20.58	22	0
5	QPSK	12	7	20.42	20.43	20.52	20.51	20.47		
5	QPSK	12	13	20.45	20.39	20.50	20.44	20.53		
5	QPSK	25	0	20.51	20.59	20.56	20.48	20.53		
5	16QAM	1	0	20.49	20.57	20.50	20.51	20.58	22	0
5	16QAM	1	12	20.38	20.45	20.42	20.46	20.32		
5	16QAM	1	24	20.32	20.41	20.43	20.40	20.45		
5	16QAM	12	0	20.46	20.55	20.56	20.56	20.51	22	0
5	16QAM	12	7	20.37	20.36	20.45	20.41	20.41		
5	16QAM	12	13	20.49	20.46	20.39	20.36	20.43		
5	16QAM	25	0	20.44	20.53	20.48	20.44	20.43	22	0
5	64QAM	1	0	20.50	20.58	20.48	20.62	20.58		
5	64QAM	1	12	20.36	20.47	20.38	20.44	20.41		
5	64QAM	1	24	20.31	20.49	20.44	20.37	20.49		
5	64QAM	12	0	19.56	19.58	19.63	19.59	19.61	21	1
5	64QAM	12	7	19.46	19.44	19.56	19.46	19.49		
5	64QAM	12	13	19.38	19.48	19.60	19.43	19.49		
5	64QAM	25	0	19.53	19.62	19.60	19.56	19.58		
5	256QAM	1	0	17.61	17.57	17.58	17.56	17.58	19	3
5	256QAM	1	12	17.52	17.46	17.48	17.45	17.52		
5	256QAM	1	24	17.37	17.47	17.50	17.45	17.57		
5	256QAM	12	0	17.50	17.64	17.66	17.55	17.56	19	3
5	256QAM	12	7	17.42	17.38	17.51	17.42	17.48		
5	256QAM	12	13	17.53	17.49	17.50	17.60	17.61		
5	256QAM	25	0	17.47	17.56	17.67	17.46	17.60		

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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	22.40	22.39	22.44	22.42	22.36	23.6	0
20	QPSK	1	49	22.22	22.23	22.27	22.30	22.21		
20	QPSK	1	99	22.31	22.30	22.29	22.32	22.20		
20	QPSK	50	0	22.32	22.38	22.41	22.32	22.26	23.6	0
20	QPSK	50	24	22.30	22.28	22.28	22.29	22.28		
20	QPSK	50	50	22.33	22.26	22.32	22.31	22.19		
20	QPSK	100	0	22.30	22.37	22.40	22.33	22.35		
20	16QAM	1	0	22.36	22.30	22.38	22.37	22.22	23.6	0
20	16QAM	1	49	22.15	22.12	22.20	22.25	22.15		
20	16QAM	1	99	22.26	22.21	22.26	22.30	22.12		
20	16QAM	50	0	22.29	22.30	22.35	22.28	22.24	23.6	0
20	16QAM	50	24	22.25	22.26	22.22	22.22	22.17		
20	16QAM	50	50	22.25	22.21	22.19	22.29	22.10		
20	16QAM	100	0	22.25	22.24	22.36	22.30	22.25		
20	64QAM	1	0	22.33	22.35	22.31	22.35	22.34	23.6	0
20	64QAM	1	49	22.08	22.11	22.19	22.24	22.13		
20	64QAM	1	99	22.21	22.17	22.25	22.28	22.06		
20	64QAM	50	0	22.22	22.28	22.29	22.28	22.12	23.6	0
20	64QAM	50	24	22.20	22.24	22.20	22.16	22.20		
20	64QAM	50	50	22.28	22.15	22.22	22.21	22.10		
20	64QAM	100	0	22.21	22.26	22.32	22.29	22.32		
20	256QAM	1	0	20.53	20.54	20.56	20.47	20.45	22	1.6
20	256QAM	1	49	20.28	20.35	20.39	20.41	20.31		
20	256QAM	1	99	20.39	20.46	20.34	20.47	20.35		
20	256QAM	50	0	20.44	20.52	20.55	20.37	20.39	22	1.6
20	256QAM	50	24	20.39	20.36	20.42	20.36	20.37		
20	256QAM	50	50	20.48	20.37	20.37	20.40	20.34		
20	256QAM	100	0	20.35	20.48	20.51	20.44	20.43		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.36	22.28	22.39	22.30	22.33	23.6	0
15	QPSK	1	37	22.15	22.14	22.20	22.23	22.10		
15	QPSK	1	74	22.28	22.21	22.20	22.21	22.09		
15	QPSK	36	0	22.20	22.30	22.30	22.26	22.12	23.6	0
15	QPSK	36	20	22.19	22.24	22.22	22.26	22.25		
15	QPSK	36	39	22.25	22.15	22.28	22.18	22.05		
15	QPSK	75	0	22.23	22.24	22.30	22.27	22.28		
15	16QAM	1	0	22.26	22.25	22.31	22.24	22.15	23.6	0
15	16QAM	1	37	22.12	22.01	22.08	22.16	22.04		
15	16QAM	1	74	22.19	22.15	22.12	22.23	22.09		
15	16QAM	36	0	22.17	22.19	22.22	22.23	22.20	23.6	0
15	16QAM	36	20	22.17	22.15	22.15	22.15	22.11		
15	16QAM	36	39	22.17	22.12	22.14	22.17	22.02		
15	16QAM	75	0	22.20	22.18	22.33	22.24	22.18		
15	64QAM	1	0	22.29	22.23	22.18	22.22	22.22	23.6	0
15	64QAM	1	37	22.05	22.03	22.07	22.20	21.99		
15	64QAM	1	74	22.09	22.04	22.12	22.25	21.99		
15	64QAM	36	0	22.18	22.23	22.22	22.15	22.00	23.6	0
15	64QAM	36	20	22.10	22.16	22.08	22.11	22.09		
15	64QAM	36	39	22.14	22.11	22.17	22.14	22.02		
15	64QAM	75	0	22.09	22.24	22.29	22.17	22.21		
15	256QAM	1	0	20.41	20.46	20.51	20.37	20.33	22	1.6
15	256QAM	1	37	20.24	20.22	20.26	20.38	20.26		
15	256QAM	1	74	20.34	20.43	20.22	20.35	20.25		
15	256QAM	36	0	20.37	20.41	20.53	20.31	20.34	22	1.6
15	256QAM	36	20	20.34	20.22	20.37	20.25	20.35		
15	256QAM	36	39	20.41	20.26	20.24	20.36	20.26		
15	256QAM	75	0	20.23	20.35	20.47	20.40	20.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.33	22.33	22.37	22.32	22.22	23.6	0
10	QPSK	1	25	22.13	22.15	22.14	22.22	22.14		
10	QPSK	1	49	22.28	22.19	22.16	22.28	22.11		
10	QPSK	25	0	22.24	22.34	22.28	22.28	22.15	23.6	0
10	QPSK	25	12	22.19	22.25	22.25	22.17	22.24		
10	QPSK	25	25	22.27	22.18	22.28	22.26	22.07		
10	QPSK	50	0	22.22	22.33	22.32	22.30	22.24	23.6	0
10	16QAM	1	0	22.28	22.17	22.31	22.29	22.13		
10	16QAM	1	25	22.06	22.00	22.08	22.17	22.10		
10	16QAM	1	49	22.16	22.10	22.14	22.22	22.08		
10	16QAM	25	0	22.24	22.17	22.25	22.19	22.15	23.6	0
10	16QAM	25	12	22.20	22.22	22.08	22.10	22.08		
10	16QAM	25	25	22.14	22.14	22.11	22.19	22.07		
10	16QAM	50	0	22.21	22.19	22.23	22.24	22.14	23.6	0
10	64QAM	1	0	22.21	22.32	22.19	22.24	22.27		
10	64QAM	1	25	21.94	22.04	22.07	22.19	22.05		
10	64QAM	1	49	22.16	22.12	22.19	22.18	21.92		
10	64QAM	25	0	22.16	22.18	22.23	22.15	21.99	23.6	0
10	64QAM	25	12	22.17	22.13	22.12	22.12	22.16		
10	64QAM	25	25	22.16	22.11	22.10	22.15	21.98		
10	64QAM	50	0	22.18	22.23	22.30	22.27	22.30	23.6	0
10	256QAM	1	0	20.46	20.43	20.45	20.37	20.31	22	1.6
10	256QAM	1	25	20.20	20.29	20.31	20.30	20.28		
10	256QAM	1	49	20.33	20.39	20.22	20.42	20.30		
10	256QAM	25	0	20.41	20.40	20.42	20.27	20.35	22	1.6
10	256QAM	25	12	20.32	20.32	20.35	20.30	20.30		
10	256QAM	25	25	20.44	20.23	20.26	20.35	20.26		
10	256QAM	50	0	20.26	20.41	20.47	20.41	20.38		
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	22.33	22.27	22.38	22.34	22.22	23.6	0
5	QPSK	1	12	22.17	22.13	22.13	22.27	22.13		
5	QPSK	1	24	22.27	22.20	22.26	22.25	22.14		
5	QPSK	12	0	22.28	22.35	22.28	22.23	22.22	23.6	0
5	QPSK	12	7	22.23	22.17	22.19	22.25	22.17		
5	QPSK	12	13	22.20	22.19	22.21	22.25	22.13		
5	QPSK	25	0	22.26	22.30	22.35	22.19	22.30	23.6	0
5	16QAM	1	0	22.22	22.16	22.27	22.32	22.19		
5	16QAM	1	12	22.10	22.01	22.17	22.20	22.02		
5	16QAM	1	24	22.21	22.10	22.14	22.25	22.09		
5	16QAM	12	0	22.24	22.27	22.29	22.25	22.14	23.6	0
5	16QAM	12	7	22.19	22.21	22.14	22.09	22.04		
5	16QAM	12	13	22.18	22.17	22.12	22.26	21.98		
5	16QAM	25	0	22.13	22.16	22.33	22.20	22.20	23.6	0
5	64QAM	1	0	22.27	22.24	22.28	22.22	22.26		
5	64QAM	1	12	22.04	22.05	22.09	22.11	22.02		
5	64QAM	1	24	22.14	22.10	22.15	22.19	21.93		
5	64QAM	12	0	22.09	22.24	22.21	22.24	22.10	23.6	0
5	64QAM	12	7	22.16	22.21	22.17	22.10	22.14		
5	64QAM	12	13	22.25	22.08	22.19	22.07	22.05		
5	64QAM	25	0	22.16	22.23	22.23	22.19	22.22		
5	256QAM	1	0	20.46	20.50	20.47	20.37	20.36	22	1.6
5	256QAM	1	12	20.19	20.32	20.34	20.35	20.19		
5	256QAM	1	24	20.27	20.38	20.21	20.45	20.31		
5	256QAM	12	0	20.36	20.48	20.48	20.32	20.30	22	1.6
5	256QAM	12	7	20.29	20.23	20.36	20.30	20.32		
5	256QAM	12	13	20.44	20.25	20.27	20.32	20.25		
5	256QAM	25	0	20.21	20.35	20.44	20.42	20.38		

Reduced Power Mode for DSI6

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	32.09	32.26	32.52	33.50	23.09	23.26	23.52	24.50
GPRS 1 Tx slot	32.08	32.24	32.50	33.50	23.08	23.24	23.50	24.50
GPRS 2 Tx slots	29.98	30.29	30.39	31.00	23.98	24.29	24.39	25.00
GPRS 3 Tx slots	28.41	28.74	28.85	30.00	24.15	24.48	24.59	25.74
GPRS 4 Tx slots	26.94	27.09	27.40	28.00	23.94	24.09	24.40	25.00
EDGE 1 Tx slot	26.74	26.80	26.82	28.00	17.74	17.80	17.82	19.00
EDGE 2 Tx slots	25.52	25.52	25.41	26.50	19.52	19.52	19.41	20.50
EDGE 3 Tx slots	24.16	24.15	24.00	25.00	19.90	19.89	19.74	20.74
EDGE 4 Tx slots	22.12	22.22	22.13	23.00	19.12	19.22	19.13	20.00

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	22.16	22.25	22.13	24.00
3GPP Rel 99	RMC 12.2Kbps	22.28	22.32	22.18	24.00
3GPP Rel 6	HSDPA Subtest-1	21.25	21.31	21.23	23.00
3GPP Rel 6	HSDPA Subtest-2	21.34	21.28	21.18	23.00
3GPP Rel 6	HSDPA Subtest-3	20.78	20.76	20.74	22.50
3GPP Rel 6	HSDPA Subtest-4	20.76	20.82	20.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.30	21.34	21.16	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.26	21.37	21.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.74	20.80	20.65	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.79	20.78	20.69	22.50
3GPP Rel 6	HSUPA Subtest-1	21.27	21.28	21.14	23.00
3GPP Rel 6	HSUPA Subtest-2	19.22	19.29	19.16	21.00
3GPP Rel 6	HSUPA Subtest-3	20.32	20.33	20.13	22.00
3GPP Rel 6	HSUPA Subtest-4	19.29	19.26	19.20	21.00
3GPP Rel 6	HSUPA Subtest-5	21.33	21.30	21.19	23.00

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	22.70	22.75	22.68	24	0
10	QPSK	1	25	22.57	22.69	22.61		
10	QPSK	1	49	22.57	22.65	22.59		
10	QPSK	25	0	21.75	21.78	21.68	23	1
10	QPSK	25	12	21.59	21.73	21.63		
10	QPSK	25	25	21.55	21.61	21.60		
10	QPSK	50	0	21.67	21.75	21.67		
10	16QAM	1	0	21.64	21.71	21.62	23	1
10	16QAM	1	25	21.44	21.66	21.49		
10	16QAM	1	49	21.52	21.48	21.47		
10	16QAM	25	0	20.77	20.75	20.72	22	2
10	16QAM	25	12	20.62	20.74	20.64		
10	16QAM	25	25	20.52	20.64	20.54		
10	16QAM	50	0	20.73	20.75	20.63		
10	64QAM	1	0	20.61	20.70	20.67	22	2
10	64QAM	1	25	20.40	20.70	20.50		
10	64QAM	1	49	20.51	20.44	20.46		
10	64QAM	25	0	19.73	19.79	19.64	21	3
10	64QAM	25	12	19.63	19.75	19.62		
10	64QAM	25	25	19.55	19.56	19.55		
10	64QAM	50	0	19.65	19.71	19.63		
10	256QAM	1	0	17.81	17.74	17.69	19	5
10	256QAM	1	25	17.63	17.68	17.65		
10	256QAM	1	49	17.53	17.67	17.63		
10	256QAM	25	0	17.63	17.81	17.67	19	5
10	256QAM	25	12	17.60	17.68	17.62		
10	256QAM	25	25	17.45	17.63	17.49		
10	256QAM	50	0	17.55	17.44	17.45		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.57	22.71	22.53	24	0
5	QPSK	1	12	22.48	22.57	22.50		
5	QPSK	1	24	22.51	22.53	22.50		
5	QPSK	12	0	21.63	21.72	21.55	23	1
5	QPSK	12	7	21.46	21.66	21.52		
5	QPSK	12	13	21.46	21.56	21.54		
5	QPSK	25	0	21.55	21.66	21.59		
5	16QAM	1	0	21.61	21.67	21.49	23	1
5	16QAM	1	12	21.37	21.60	21.41		
5	16QAM	1	24	21.48	21.35	21.39		
5	16QAM	12	0	20.71	20.61	20.62	22	2
5	16QAM	12	7	20.51	20.64	20.50		
5	16QAM	12	13	20.39	20.54	20.46		
5	16QAM	25	0	20.67	20.67	20.56		
5	64QAM	1	0	20.53	20.60	20.63	22	2
5	64QAM	1	12	20.27	20.61	20.43		
5	64QAM	1	24	20.45	20.30	20.40		
5	64QAM	12	0	19.65	19.69	19.50	21	3
5	64QAM	12	7	19.53	19.67	19.55		
5	64QAM	12	13	19.45	19.53	19.45		
5	64QAM	25	0	19.56	19.66	19.55		
5	256QAM	1	0	17.73	17.59	17.57	19	5
5	256QAM	1	12	17.54	17.62	17.58		
5	256QAM	1	24	17.39	17.61	17.59		
5	256QAM	12	0	17.58	17.70	17.56	19	5
5	256QAM	12	7	17.56	17.62	17.53		
5	256QAM	12	13	17.36	17.53	17.42		
5	256QAM	25	0	17.43	17.38	17.38		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.64	22.66	22.61	24	0
3	QPSK	1	8	22.48	22.59	22.47		
3	QPSK	1	14	22.47	22.54	22.51		
3	QPSK	8	0	21.61	21.74	21.61	23	1
3	QPSK	8	4	21.51	21.61	21.53		
3	QPSK	8	7	21.43	21.46	21.49		
3	QPSK	15	0	21.64	21.68	21.57		
3	16QAM	1	0	21.56	21.62	21.57	23	1
3	16QAM	1	8	21.31	21.60	21.34		
3	16QAM	1	14	21.42	21.41	21.42		
3	16QAM	8	0	20.69	20.71	20.65	22	2
3	16QAM	8	4	20.47	20.64	20.53		
3	16QAM	8	7	20.41	20.55	20.47		
3	16QAM	15	0	20.67	20.71	20.60		
3	64QAM	1	0	20.58	20.57	20.53	22	2
3	64QAM	1	8	20.33	20.57	20.35		
3	64QAM	1	14	20.46	20.33	20.36		
3	64QAM	8	0	19.68	19.70	19.56	21	3
3	64QAM	8	4	19.51	19.66	19.53		
3	64QAM	8	7	19.42	19.52	19.42		
3	64QAM	15	0	19.58	19.59	19.48		
3	256QAM	1	0	17.73	17.70	17.56	19	5
3	256QAM	1	8	17.49	17.65	17.60		
3	256QAM	1	14	17.38	17.54	17.58		
3	256QAM	8	0	17.59	17.72	17.60	19	5
3	256QAM	8	4	17.53	17.61	17.57		
3	256QAM	8	7	17.36	17.59	17.44		
3	256QAM	15	0	17.43	17.38	17.35		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.56	22.62	22.61	24	0
1.4	QPSK	1	3	22.46	22.64	22.49		
1.4	QPSK	1	5	22.45	22.57	22.56		
1.4	QPSK	3	0	22.43	22.54	22.46		
1.4	QPSK	3	1	22.37	22.55	22.44		
1.4	QPSK	3	3	22.30	22.49	22.45		
1.4	QPSK	6	0	21.62	21.69	21.56	23	1
1.4	16QAM	1	0	21.55	21.65	21.51	23	1
1.4	16QAM	1	3	21.31	21.61	21.36		
1.4	16QAM	1	5	21.45	21.34	21.38		
1.4	16QAM	3	0	21.55	21.62	21.43		
1.4	16QAM	3	1	21.44	21.54	21.46		
1.4	16QAM	3	3	21.25	21.51	21.32		
1.4	16QAM	6	0	20.59	20.64	20.57	22	2
1.4	64QAM	1	0	20.53	20.66	20.56	22	2
1.4	64QAM	1	3	20.29	20.59	20.42		
1.4	64QAM	1	5	20.45	20.39	20.33		
1.4	64QAM	3	0	20.44	20.59	20.43		
1.4	64QAM	3	1	20.40	20.57	20.53		
1.4	64QAM	3	3	20.23	20.50	20.39		
1.4	64QAM	6	0	19.57	19.63	19.55	21	3
1.4	256QAM	1	0	17.73	17.66	17.57	19	5
1.4	256QAM	1	3	17.59	17.64	17.58		
1.4	256QAM	1	5	17.43	17.56	17.59		
1.4	256QAM	3	0	17.53	17.72	17.59		
1.4	256QAM	3	1	17.53	17.64	17.56		
1.4	256QAM	3	3	17.39	17.50	17.40		
1.4	256QAM	6	0	17.41	17.36	17.34	19	5

Band 7 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.90	20.94	20.89	22.1	0
20	QPSK	1	49	20.86	20.89	20.85		
20	QPSK	1	99	20.82	20.79	20.76		
20	QPSK	50	0	19.93	19.96	19.84	21.5	0.6
20	QPSK	50	24	19.86	19.92	19.82		
20	QPSK	50	50	19.76	19.80	19.72		
20	QPSK	100	0	19.90	19.92	19.89		
20	16QAM	1	0	19.88	19.90	19.70	21.5	0.6
20	16QAM	1	49	19.73	19.79	19.71		
20	16QAM	1	99	19.71	19.65	19.57		
20	16QAM	50	0	18.98	18.91	18.82	20.5	1.6
20	16QAM	50	24	18.90	18.92	18.78		
20	16QAM	50	50	18.77	18.77	18.72		
20	16QAM	100	0	18.87	18.98	18.95		
20	64QAM	1	0	18.88	18.88	18.74	20.5	1.6
20	64QAM	1	49	18.73	18.78	18.70		
20	64QAM	1	99	18.76	18.65	18.60		
20	64QAM	50	0	17.89	17.93	17.82	19.5	2.6
20	64QAM	50	24	17.86	17.88	17.88		
20	64QAM	50	50	17.75	17.76	17.72		
20	64QAM	100	0	17.95	17.93	17.85		
20	256QAM	1	0	15.98	15.99	15.79	17.5	4.6
20	256QAM	1	49	15.82	15.90	15.87		
20	256QAM	1	99	15.79	15.75	15.69		
20	256QAM	50	0	15.92	15.90	15.83	17.5	4.6
20	256QAM	50	24	15.88	15.96	15.69		
20	256QAM	50	50	15.71	15.80	15.75		
20	256QAM	100	0	15.75	15.65	15.60		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.79	20.86	20.78	22.1	0
15	QPSK	1	37	20.78	20.95	20.80		
15	QPSK	1	74	20.71	20.75	20.67		
15	QPSK	36	0	19.88	19.92	19.79	21.5	0.6
15	QPSK	36	20	19.74	19.81	19.74		
15	QPSK	36	39	19.67	19.69	19.66		
15	QPSK	75	0	19.77	19.85	19.85		
15	16QAM	1	0	19.79	19.80	19.65	21.5	0.6
15	16QAM	1	37	19.65	19.72	19.65		
15	16QAM	1	74	19.68	19.52	19.66		
15	16QAM	36	0	18.86	18.83	18.68	20.5	1.6
15	16QAM	36	20	18.82	18.87	18.73		
15	16QAM	36	39	18.69	18.65	18.68		
15	16QAM	75	0	18.76	18.84	18.85		
15	64QAM	1	0	18.78	18.80	18.66	20.5	1.6
15	64QAM	1	37	18.58	18.64	18.57		
15	64QAM	1	74	18.63	18.56	18.55		
15	64QAM	36	0	17.83	17.86	17.77	19.5	2.6
15	64QAM	36	20	17.77	17.74	17.79		
15	64QAM	36	39	17.69	17.62	17.57		
15	64QAM	75	0	17.89	17.80	17.74		
15	256QAM	1	0	15.88	15.86	15.72	17.5	4.6
15	256QAM	1	37	15.76	15.85	15.83		
15	256QAM	1	74	15.74	15.61	15.60		
15	256QAM	36	0	15.81	15.76	15.70	17.5	4.6
15	256QAM	36	20	15.77	15.90	15.56		
15	256QAM	36	39	15.58	15.66	15.63		
15	256QAM	75	0	15.68	15.53	15.53		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.84	20.85	20.78	22.1	0
10	QPSK	1	25	20.82	20.79	20.71		
10	QPSK	1	49	20.74	20.65	20.68		
10	QPSK	25	0	19.83	19.83	19.72	21.5	0.6
10	QPSK	25	12	19.72	19.82	19.72		
10	QPSK	25	25	19.71	19.71	19.58		
10	QPSK	50	0	19.87	19.85	19.77		
10	16QAM	1	0	19.77	19.83	19.60	21.5	0.6
10	16QAM	1	25	19.61	19.70	19.62		
10	16QAM	1	49	19.66	19.50	19.53		
10	16QAM	25	0	18.91	18.79	18.68	20.5	1.6
10	16QAM	25	12	18.78	18.83	18.66		
10	16QAM	25	25	18.71	18.71	18.64		
10	16QAM	50	0	18.83	18.93	18.91		
10	64QAM	1	0	18.73	18.81	18.63	20.5	1.6
10	64QAM	1	25	18.66	18.74	18.66		
10	64QAM	1	49	18.63	18.53	18.56		
10	64QAM	25	0	17.82	17.89	17.73	19.5	2.6
10	64QAM	25	12	17.82	17.83	17.81		
10	64QAM	25	25	17.62	17.69	17.66		
10	64QAM	50	0	17.88	17.87	17.76		
10	256QAM	1	0	15.92	15.89	15.67	17.5	4.6
10	256QAM	1	25	15.67	15.78	15.77		
10	256QAM	1	49	15.74	15.65	15.63		
10	256QAM	25	0	15.79	15.77	15.70	17.5	4.6
10	256QAM	25	12	15.75	15.73	15.55		
10	256QAM	25	25	15.59	15.72	15.69		
10	256QAM	50	0	15.64	15.60	15.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.78	20.88	20.82	22.1	0
5	QPSK	1	12	20.75	20.85	20.73		
5	QPSK	1	24	20.77	20.66	20.63		
5	QPSK	12	0	19.80	19.82	19.71	21.5	0.6
5	QPSK	12	7	19.81	19.82	19.71		
5	QPSK	12	13	19.66	19.73	19.66		
5	QPSK	25	0	19.80	19.79	19.78		
5	16QAM	1	0	19.74	19.85	19.58	21.5	0.6
5	16QAM	1	12	19.61	19.71	19.60		
5	16QAM	1	24	19.66	19.53	19.55		
5	16QAM	12	0	18.84	18.78	18.74	20.5	1.6
5	16QAM	12	7	18.77	18.87	18.66		
5	16QAM	12	13	18.62	18.62	18.59		
5	16QAM	25	0	18.78	18.95	18.82		
5	64QAM	1	0	18.81	18.79	18.70	20.5	1.6
5	64QAM	1	12	18.64	18.65	18.57		
5	64QAM	1	24	18.74	18.53	18.55		
5	64QAM	12	0	17.86	17.89	17.74	19.5	2.6
5	64QAM	12	7	17.73	17.79	17.82		
5	64QAM	12	13	17.66	17.68	17.64		
5	64QAM	25	0	17.91	17.90	17.70		
5	256QAM	1	0	15.86	15.95	15.67	17.5	4.6
5	256QAM	1	12	15.79	15.86	15.82		
5	256QAM	1	24	15.66	15.60	15.62		
5	256QAM	12	0	15.78	15.85	15.78	17.5	4.6
5	256QAM	12	7	15.81	15.90	15.61		
5	256QAM	12	13	15.60	15.72	15.65		
5	256QAM	25	0	15.66	15.51	15.59		

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.45	22.50	22.43	24	0
10	QPSK	1	25	22.41	22.46	22.39		
10	QPSK	1	49	22.32	22.36	22.36		
10	QPSK	25	0	21.44	21.55	21.46	23	1
10	QPSK	25	12	21.45	21.48	21.45		
10	QPSK	25	25	21.28	21.35	21.36		
10	QPSK	50	0	21.47	21.52	21.44		
10	16QAM	1	0	21.31	21.46	21.40	23	1
10	16QAM	1	25	21.39	21.40	21.38		
10	16QAM	1	49	21.13	21.26	21.25		
10	16QAM	25	0	20.45	20.58	20.43	22	2
10	16QAM	25	12	20.51	20.53	20.43		
10	16QAM	25	25	20.33	20.32	20.31		
10	16QAM	50	0	20.51	20.47	20.45		
10	64QAM	1	0	20.32	20.42	20.34	22	2
10	64QAM	1	25	20.36	20.35	20.34		
10	64QAM	1	49	20.09	20.25	20.30		
10	64QAM	25	0	19.39	19.54	19.42	21	3
10	64QAM	25	12	19.40	19.53	19.49		
10	64QAM	25	25	19.31	19.32	19.36		
10	64QAM	50	0	19.49	19.53	19.42		
10	256QAM	1	0	17.47	17.61	17.48	19	5
10	256QAM	1	25	17.45	17.50	17.50		
10	256QAM	1	49	17.29	17.33	17.40		
10	256QAM	25	0	17.50	17.57	17.43	19	5
10	256QAM	25	12	17.30	17.40	17.36		
10	256QAM	25	25	17.38	17.35	17.32		
10	256QAM	50	0	17.10	17.23	17.21		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.40	22.37	22.36	24	0
5	QPSK	1	12	22.27	22.40	22.35		
5	QPSK	1	24	22.19	22.27	22.24		
5	QPSK	12	0	21.35	21.45	21.42	23	1
5	QPSK	12	7	21.37	21.37	21.42		
5	QPSK	12	13	21.17	21.28	21.30		
5	QPSK	25	0	21.33	21.47	21.41		
5	16QAM	1	0	21.23	21.39	21.30	23	1
5	16QAM	1	12	21.27	21.35	21.30		
5	16QAM	1	24	21.16	21.14	21.11		
5	16QAM	12	0	20.31	20.49	20.38	22	2
5	16QAM	12	7	20.37	20.46	20.36		
5	16QAM	12	13	20.25	20.27	20.24		
5	16QAM	25	0	20.41	20.37	20.33		
5	64QAM	1	0	20.19	20.31	20.21	22	2
5	64QAM	1	12	20.23	20.29	20.21		
5	64QAM	1	24	20.05	20.16	20.17		
5	64QAM	12	0	19.32	19.39	19.29	21	3
5	64QAM	12	7	19.33	19.44	19.37		
5	64QAM	12	13	19.16	19.26	19.27		
5	64QAM	25	0	19.42	19.39	19.30		
5	256QAM	1	0	17.38	17.55	17.34	19	5
5	256QAM	1	12	17.39	17.45	17.35		
5	256QAM	1	24	17.19	17.25	17.35		
5	256QAM	12	0	17.43	17.53	17.34	19	5
5	256QAM	12	7	17.25	17.33	17.27		
5	256QAM	12	13	17.29	17.32	17.27		
5	256QAM	25	0	17.00	17.15	17.10		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.36	22.42	22.36	24	0
3	QPSK	1	8	22.38	22.35	22.32		
3	QPSK	1	14	22.17	22.33	22.29		
3	QPSK	8	0	21.35	21.41	21.34	23	1
3	QPSK	8	4	21.39	21.37	21.39		
3	QPSK	8	7	21.17	21.26	21.23		
3	QPSK	15	0	21.33	21.43	21.30		
3	16QAM	1	0	21.21	21.35	21.33	23	1
3	16QAM	1	8	21.30	21.25	21.24		
3	16QAM	1	14	21.22	21.23	21.22		
3	16QAM	8	0	20.39	20.54	20.29	22	2
3	16QAM	8	4	20.46	20.42	20.32		
3	16QAM	8	7	20.19	20.23	20.24		
3	16QAM	15	0	20.46	20.36	20.33		
3	64QAM	1	0	20.23	20.34	20.26	22	2
3	64QAM	1	8	20.30	20.22	20.28		
3	64QAM	1	14	20.04	20.15	20.27		
3	64QAM	8	0	19.29	19.42	19.28	21	3
3	64QAM	8	4	19.30	19.38	19.34		
3	64QAM	8	7	19.24	19.28	19.30		
3	64QAM	15	0	19.45	19.49	19.30		
3	256QAM	1	0	17.39	17.47	17.40	19	5
3	256QAM	1	8	17.34	17.37	17.40		
3	256QAM	1	14	17.16	17.22	17.30		
3	256QAM	8	0	17.46	17.47	17.31	19	5
3	256QAM	8	4	17.24	17.26	17.23		
3	256QAM	8	7	17.34	17.31	17.22		
3	256QAM	15	0	17.16	17.18	17.13		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.38	22.42	22.30	24	0
1.4	QPSK	1	3	22.31	22.39	22.34		
1.4	QPSK	1	5	22.24	22.30	22.31		
1.4	QPSK	3	0	22.26	22.36	22.18		
1.4	QPSK	3	1	22.20	22.26	22.30		
1.4	QPSK	3	3	22.16	22.21	22.18		
1.4	QPSK	6	0	21.38	21.46	21.37	23	1
1.4	16QAM	1	0	21.25	21.34	21.34	23	1
1.4	16QAM	1	3	21.25	21.37	21.23		
1.4	16QAM	1	5	21.05	21.12	21.22		
1.4	16QAM	3	0	21.30	21.39	21.29		
1.4	16QAM	3	1	21.19	21.21	21.25		
1.4	16QAM	3	3	21.21	21.31	21.13		
1.4	16QAM	6	0	20.48	20.38	20.34	22	2
1.4	64QAM	1	0	20.27	20.32	20.30	22	2
1.4	64QAM	1	3	20.22	20.25	20.21		
1.4	64QAM	1	5	20.02	20.21	20.26		
1.4	64QAM	3	0	20.40	20.34	20.22		
1.4	64QAM	3	1	20.18	20.27	20.20		
1.4	64QAM	3	3	20.17	20.20	20.07		
1.4	64QAM	6	0	19.40	19.49	19.32	21	3
1.4	256QAM	1	0	17.37	17.53	17.41	19	5
1.4	256QAM	1	3	17.33	17.44	17.37		
1.4	256QAM	1	5	17.18	17.24	17.32		
1.4	256QAM	3	0	17.37	17.52	17.39		
1.4	256QAM	3	1	17.21	17.36	17.24		
1.4	256QAM	3	3	17.31	17.29	17.17		
1.4	256QAM	6	0	17.00	17.16	17.14	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.60		24	0
10	QPSK	1	25		22.55			
10	QPSK	1	49		22.50			
10	QPSK	25	0		21.61		23	1
10	QPSK	25	12		21.51			
10	QPSK	25	25		21.52			
10	QPSK	50	0		21.60			
10	16QAM	1	0		21.57		23	1
10	16QAM	1	25		21.43			
10	16QAM	1	49		21.44			
10	16QAM	25	0		20.65		22	2
10	16QAM	25	12		20.50			
10	16QAM	25	25		20.53			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.59		22	2
10	64QAM	1	25		20.45			
10	64QAM	1	49		20.45			
10	64QAM	25	0		19.56		21	3
10	64QAM	25	12		19.47			
10	64QAM	25	25		19.56			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.56		19	5
10	256QAM	1	25		17.54			
10	256QAM	1	49		17.55			
10	256QAM	25	0		17.61		19	5
10	256QAM	25	12		17.59			
10	256QAM	25	25		17.48			
10	256QAM	50	0		17.50			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.46	22.52	22.50	24	0
5	QPSK	1	12	22.47	22.52	22.46		
5	QPSK	1	24	22.37	22.37	22.40		
5	QPSK	12	0	21.46	21.52	21.53	23	1
5	QPSK	12	7	21.45	21.41	21.46		
5	QPSK	12	13	21.40	21.39	21.45		
5	QPSK	25	0	21.47	21.49	21.45		
5	16QAM	1	0	21.52	21.47	21.49	23	1
5	16QAM	1	12	21.34	21.37	21.30		
5	16QAM	1	24	21.33	21.33	21.31		
5	16QAM	12	0	20.50	20.58	20.58	22	2
5	16QAM	12	7	20.38	20.47	20.41		
5	16QAM	12	13	20.45	20.49	20.41		
5	16QAM	25	0	20.47	20.48	20.49		
5	64QAM	1	0	20.45	20.52	20.45	22	2
5	64QAM	1	12	20.36	20.41	20.40		
5	64QAM	1	24	20.35	20.38	20.33		
5	64QAM	12	0	19.46	19.50	19.48	21	3
5	64QAM	12	7	19.36	19.42	19.37		
5	64QAM	12	13	19.45	19.49	19.43		
5	64QAM	25	0	19.47	19.52	19.52		
5	256QAM	1	0	17.51	17.46	17.42	19	5
5	256QAM	1	12	17.48	17.50	17.48		
5	256QAM	1	24	17.45	17.51	17.50		
5	256QAM	12	0	17.56	17.58	17.50	19	5
5	256QAM	12	7	17.50	17.54	17.50		
5	256QAM	12	13	17.37	17.33	17.44		
5	256QAM	25	0	17.43	17.46	17.36		

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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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.33	22.46	22.36	24	0
10	QPSK	1	25	22.26	22.32	22.31		
10	QPSK	1	49	22.22	22.28	22.22		
10	QPSK	25	0	21.29	21.42	21.33	23	1
10	QPSK	25	12	21.33	21.36	21.35		
10	QPSK	25	25	21.24	21.20	21.24		
10	QPSK	50	0	21.33	21.43	21.31		
10	16QAM	1	0	21.22	21.39	21.30	23	1
10	16QAM	1	25	21.27	21.32	21.29		
10	16QAM	1	49	21.09	21.19	21.12		
10	16QAM	25	0	20.32	20.49	20.36	22	2
10	16QAM	25	12	20.39	20.41	20.30		
10	16QAM	25	25	20.29	20.17	20.23		
10	16QAM	50	0	20.46	20.41	20.40		
10	64QAM	1	0	20.24	20.29	20.29	22	2
10	64QAM	1	25	20.29	20.24	20.26		
10	64QAM	1	49	20.04	20.15	20.19		
10	64QAM	25	0	19.28	19.44	19.36	21	3
10	64QAM	25	12	19.36	19.44	19.38		
10	64QAM	25	25	19.18	19.28	19.22		
10	64QAM	50	0	19.45	19.40	19.28		
10	256QAM	1	0	17.41	17.49	17.40	19	5
10	256QAM	1	25	17.41	17.46	17.40		
10	256QAM	1	49	17.20	17.21	17.30		
10	256QAM	25	0	17.39	17.42	17.31	19	5
10	256QAM	25	12	17.19	17.35	17.23		
10	256QAM	25	25	17.27	17.28	17.22		
10	256QAM	50	0	17.07	17.18	17.08		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.20	22.37	22.32	24	0
5	QPSK	1	12	22.15	22.20	22.25		
5	QPSK	1	24	22.08	22.18	22.16		
5	QPSK	12	0	21.14	21.31	21.22	23	1
5	QPSK	12	7	21.27	21.32	21.27		
5	QPSK	12	13	21.14	21.10	21.11		
5	QPSK	25	0	21.25	21.35	21.26		
5	16QAM	1	0	21.14	21.27	21.16	23	1
5	16QAM	1	12	21.20	21.21	21.20		
5	16QAM	1	24	21.02	21.08	21.06		
5	16QAM	12	0	20.18	20.46	20.30	22	2
5	16QAM	12	7	20.28	20.29	20.15		
5	16QAM	12	13	20.18	20.05	20.10		
5	16QAM	25	0	20.32	20.37	20.33		
5	64QAM	1	0	20.12	20.25	20.19	22	2
5	64QAM	1	12	20.24	20.14	20.16		
5	64QAM	1	24	20.00	20.09	20.12		
5	64QAM	12	0	19.23	19.36	19.31	21	3
5	64QAM	12	7	19.27	19.33	19.30		
5	64QAM	12	13	19.04	19.19	19.10		
5	64QAM	25	0	19.34	19.28	19.22		
5	256QAM	1	0	17.37	17.45	17.32	19	5
5	256QAM	1	12	17.28	17.33	17.36		
5	256QAM	1	24	17.10	17.18	17.15		
5	256QAM	12	0	17.34	17.37	17.19	19	5
5	256QAM	12	7	17.11	17.27	17.11		
5	256QAM	12	13	17.20	17.15	17.08		
5	256QAM	25	0	17.00	17.08	17.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.81	22.82	22.81	24	0
15	QPSK	1	37	22.64	22.75	22.73		
15	QPSK	1	74	22.71	22.77	22.72		
15	QPSK	36	0	21.89	21.91	21.72	23	1
15	QPSK	36	20	21.65	21.80	21.69		
15	QPSK	36	39	21.62	21.68	21.68		
15	QPSK	75	0	21.82	21.85	21.77		
15	16QAM	1	0	21.76	21.83	21.69	23	1
15	16QAM	1	37	21.53	21.82	21.64		
15	16QAM	1	74	21.63	21.63	21.62		
15	16QAM	36	0	20.92	20.84	20.85	22	2
15	16QAM	36	20	20.75	20.87	20.71		
15	16QAM	36	39	20.68	20.68	20.67		
15	16QAM	75	0	20.85	20.80	20.79		
15	64QAM	1	0	20.69	20.77	20.80	22	2
15	64QAM	1	37	20.54	20.84	20.62		
15	64QAM	1	74	20.56	20.53	20.60		
15	64QAM	36	0	19.80	19.94	19.75	21	3
15	64QAM	36	20	19.71	19.86	19.73		
15	64QAM	36	39	19.69	19.68	19.69		
15	64QAM	75	0	19.75	19.79	19.67		
15	256QAM	1	0	17.92	17.90	17.84	19	5
15	256QAM	1	37	17.79	17.79	17.72		
15	256QAM	1	74	17.66	17.79	17.72		
15	256QAM	36	0	17.67	17.94	17.72	19	5
15	256QAM	36	20	17.70	17.80	17.67		
15	256QAM	36	39	17.53	17.76	17.60		
15	256QAM	75	0	17.62	17.49	17.54		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.70	22.69	22.72	24	0
10	QPSK	1	25	22.53	22.60	22.67		
10	QPSK	1	49	22.57	22.70	22.58		
10	QPSK	25	0	21.80	21.80	21.58	23	1
10	QPSK	25	12	21.51	21.66	21.62		
10	QPSK	25	25	21.49	21.63	21.54		
10	QPSK	50	0	21.72	21.80	21.73		
10	16QAM	1	0	21.63	21.71	21.63	23	1
10	16QAM	1	25	21.39	21.77	21.61		
10	16QAM	1	49	21.57	21.53	21.51		
10	16QAM	25	0	20.81	20.80	20.79	22	2
10	16QAM	25	12	20.72	20.84	20.59		
10	16QAM	25	25	20.53	20.58	20.56		
10	16QAM	50	0	20.77	20.71	20.76		
10	64QAM	1	0	20.58	20.73	20.75	22	2
10	64QAM	1	25	20.47	20.75	20.54		
10	64QAM	1	49	20.44	20.44	20.50		
10	64QAM	25	0	19.75	19.89	19.66	21	3
10	64QAM	25	12	19.65	19.75	19.67		
10	64QAM	25	25	19.65	19.55	19.59		
10	64QAM	50	0	19.71	19.66	19.58		
10	256QAM	1	0	17.84	17.76	17.71	19	5
10	256QAM	1	25	17.72	17.68	17.61		
10	256QAM	1	49	17.53	17.64	17.64		
10	256QAM	25	0	17.63	17.79	17.62	19	5
10	256QAM	25	12	17.60	17.75	17.64		
10	256QAM	25	25	17.43	17.72	17.49		
10	256QAM	50	0	17.48	17.38	17.42		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.67	22.72	22.67	24	0
5	QPSK	1	12	22.51	22.62	22.64		
5	QPSK	1	24	22.61	22.65	22.59		
5	QPSK	12	0	21.75	21.77	21.57	23	1
5	QPSK	12	7	21.56	21.70	21.65		
5	QPSK	12	13	21.54	21.60	21.53		
5	QPSK	25	0	21.76	21.73	21.73		
5	16QAM	1	0	21.70	21.76	21.57	23	1
5	16QAM	1	12	21.39	21.79	21.52		
5	16QAM	1	24	21.53	21.58	21.52		
5	16QAM	12	0	20.80	20.69	20.78	22	2
5	16QAM	12	7	20.71	20.79	20.61		
5	16QAM	12	13	20.54	20.65	20.55		
5	16QAM	25	0	20.75	20.74	20.69		
5	64QAM	1	0	20.64	20.73	20.66	22	2
5	64QAM	1	12	20.48	20.74	20.50		
5	64QAM	1	24	20.44	20.38	20.52		
5	64QAM	12	0	19.74	19.90	19.67	21	3
5	64QAM	12	7	19.61	19.72	19.63		
5	64QAM	12	13	19.63	19.59	19.54		
5	64QAM	25	0	19.70	19.75	19.59		
5	256QAM	1	0	17.78	17.87	17.78	19	5
5	256QAM	1	12	17.65	17.73	17.64		
5	256QAM	1	24	17.54	17.71	17.65		
5	256QAM	12	0	17.55	17.88	17.62	19	5
5	256QAM	12	7	17.61	17.69	17.55		
5	256QAM	12	13	17.44	17.70	17.46		
5	256QAM	25	0	17.59	17.37	17.44		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.71	22.75	22.77	24	0
3	QPSK	1	8	22.53	22.67	22.62		
3	QPSK	1	14	22.68	22.63	22.62		
3	QPSK	8	0	21.75	21.80	21.64	23	1
3	QPSK	8	4	21.57	21.69	21.61		
3	QPSK	8	7	21.49	21.53	21.55		
3	QPSK	15	0	21.75	21.80	21.63		
3	16QAM	1	0	21.66	21.77	21.54	23	1
3	16QAM	1	8	21.45	21.78	21.60		
3	16QAM	1	14	21.57	21.54	21.50		
3	16QAM	8	0	20.77	20.71	20.71	22	2
3	16QAM	8	4	20.67	20.77	20.64		
3	16QAM	8	7	20.55	20.54	20.57		
3	16QAM	15	0	20.80	20.73	20.70		
3	64QAM	1	0	20.65	20.73	20.66	22	2
3	64QAM	1	8	20.44	20.80	20.59		
3	64QAM	1	14	20.48	20.49	20.46		
3	64QAM	8	0	19.67	19.84	19.62	21	3
3	64QAM	8	4	19.58	19.75	19.63		
3	64QAM	8	7	19.62	19.58	19.61		
3	64QAM	15	0	19.71	19.70	19.53		
3	256QAM	1	0	17.87	17.81	17.75	19	5
3	256QAM	1	8	17.75	17.66	17.67		
3	256QAM	1	14	17.57	17.68	17.63		
3	256QAM	8	0	17.57	17.88	17.61	19	5
3	256QAM	8	4	17.62	17.74	17.61		
3	256QAM	8	7	17.49	17.65	17.54		
3	256QAM	15	0	17.50	17.44	17.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.73	22.71	22.69	24	0
1.4	QPSK	1	3	22.60	22.62	22.67		
1.4	QPSK	1	5	22.67	22.71	22.66		
1.4	QPSK	3	0	22.64	22.67	22.57		
1.4	QPSK	3	1	22.46	22.57	22.63		
1.4	QPSK	3	3	22.54	22.67	22.59		
1.4	QPSK	6	0	21.75	21.70	21.66	23	1
1.4	16QAM	1	0	21.61	21.79	21.57	23	1
1.4	16QAM	1	3	21.48	21.67	21.54		
1.4	16QAM	1	5	21.51	21.52	21.52		
1.4	16QAM	3	0	21.70	21.65	21.63		
1.4	16QAM	3	1	21.54	21.65	21.51		
1.4	16QAM	3	3	21.34	21.61	21.42		
1.4	16QAM	6	0	20.81	20.76	20.65	22	2
1.4	64QAM	1	0	20.66	20.69	20.71	22	2
1.4	64QAM	1	3	20.46	20.71	20.49		
1.4	64QAM	1	5	20.46	20.47	20.51		
1.4	64QAM	3	0	20.74	20.67	20.53		
1.4	64QAM	3	1	20.58	20.59	20.63		
1.4	64QAM	3	3	20.32	20.59	20.37		
1.4	64QAM	6	0	19.67	19.73	19.57	21	3
1.4	256QAM	1	0	17.86	17.84	17.70	19	5
1.4	256QAM	1	3	17.73	17.72	17.65		
1.4	256QAM	1	5	17.54	17.66	17.61		
1.4	256QAM	3	0	17.52	17.80	17.60		
1.4	256QAM	3	1	17.60	17.70	17.59		
1.4	256QAM	3	3	17.39	17.62	17.55		
1.4	256QAM	6	0	17.55	17.41	17.49	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.90	20.99	20.88	22.5	0
20	QPSK	1	49	20.91	20.81	20.70		
20	QPSK	1	99	20.85	20.85	20.94		
20	QPSK	50	0	20.41	20.54	20.42	22	0.5
20	QPSK	50	24	20.41	20.30	20.19		
20	QPSK	50	50	20.32	20.31	20.34		
20	QPSK	100	0	20.30	20.48	20.35		
20	16QAM	1	0	20.36	20.31	20.25	22	0.5
20	16QAM	1	49	20.37	20.40	20.42		
20	16QAM	1	99	20.35	20.30	20.38		
20	16QAM	50	0	19.36	19.38	19.51	21	1.5
20	16QAM	50	24	19.43	19.27	19.19		
20	16QAM	50	50	19.38	19.38	19.35		
20	16QAM	100	0	19.34	19.44	19.41		
20	64QAM	1	0	19.46	19.30	19.25	21	1.5
20	64QAM	1	49	19.33	19.35	19.38		
20	64QAM	1	99	19.33	19.39	19.27		
20	64QAM	50	0	18.49	18.46	18.48	20	2.5
20	64QAM	50	24	18.41	18.26	18.24		
20	64QAM	50	50	18.25	18.26	18.42		
20	64QAM	100	0	18.31	18.46	18.47		
20	256QAM	1	0	16.50	16.57	16.34	18	4.5
20	256QAM	1	49	16.43	16.21	16.16		
20	256QAM	1	99	16.28	16.34	16.30		
20	256QAM	50	0	16.29	16.49	16.37	18	4.5
20	256QAM	50	24	16.37	16.25	16.34		
20	256QAM	50	50	16.32	16.36	16.41		
20	256QAM	100	0	16.22	16.27	16.38		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	20.76	20.92	20.78	22.5	0
15	QPSK	1	37	20.87	20.73	20.66		
15	QPSK	1	74	20.78	20.71	20.80		
15	QPSK	36	0	20.35	20.48	20.34	22	0.5
15	QPSK	36	20	20.30	20.23	20.14		
15	QPSK	36	39	20.22	20.16	20.20		
15	QPSK	75	0	20.21	20.35	20.24		
15	16QAM	1	0	20.31	20.20	20.17	22	0.5
15	16QAM	1	37	20.33	20.36	20.38		
15	16QAM	1	74	20.22	20.25	20.24		
15	16QAM	36	0	19.33	19.29	19.36	21	1.5
15	16QAM	36	20	19.31	19.18	19.06		
15	16QAM	36	39	19.27	19.29	19.28		
15	16QAM	75	0	19.22	19.34	19.26		
15	64QAM	1	0	19.31	19.21	19.22	21	1.5
15	64QAM	1	37	19.20	19.27	19.34		
15	64QAM	1	74	19.22	19.36	19.21		
15	64QAM	36	0	18.45	18.42	18.45	20	2.5
15	64QAM	36	20	18.32	18.15	18.13		
15	64QAM	36	39	18.14	18.12	18.36		
15	64QAM	75	0	18.21	18.31	18.36		
15	256QAM	1	0	16.41	16.48	16.22	18	4.5
15	256QAM	1	37	16.32	16.10	16.08		
15	256QAM	1	74	16.21	16.28	16.22		
15	256QAM	36	0	16.19	16.45	16.28	18	4.5
15	256QAM	36	20	16.26	16.13	16.20		
15	256QAM	36	39	16.26	16.22	16.36		
15	256QAM	75	0	16.08	16.24	16.30		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	20.75	20.84	20.76	22.5	0
10	QPSK	1	25	20.79	20.67	20.58		
10	QPSK	1	49	20.73	20.77	20.87		
10	QPSK	25	0	20.30	20.48	20.37	22	0.5
10	QPSK	25	12	20.35	20.22	20.15		
10	QPSK	25	25	20.27	20.21	20.22		
10	QPSK	50	0	20.25	20.36	20.20		
10	16QAM	1	0	20.25	20.24	20.11	22	0.5
10	16QAM	1	25	20.30	20.34	20.37		
10	16QAM	1	49	20.22	20.22	20.24		
10	16QAM	25	0	19.27	19.33	19.46	21	1.5
10	16QAM	25	12	19.35	19.23	19.13		
10	16QAM	25	25	19.31	19.35	19.31		
10	16QAM	50	0	19.24	19.37	19.37		
10	64QAM	1	0	19.41	19.22	19.16	21	1.5
10	64QAM	1	25	19.30	19.27	19.26		
10	64QAM	1	49	19.28	19.25	19.23		
10	64QAM	25	0	18.44	18.43	18.42	20	2.5
10	64QAM	25	12	18.37	18.19	18.18		
10	64QAM	25	25	18.21	18.14	18.37		
10	64QAM	50	0	18.24	18.36	18.32		
10	256QAM	1	0	16.35	16.51	16.25	18	4.5
10	256QAM	1	25	16.38	16.13	16.04		
10	256QAM	1	49	16.16	16.29	16.22		
10	256QAM	25	0	16.20	16.38	16.25	18	4.5
10	256QAM	25	12	16.24	16.13	16.22		
10	256QAM	25	25	16.22	16.29	16.29		
10	256QAM	50	0	16.17	16.14	16.27		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	20.78	20.87	20.74	22.5	0
5	QPSK	1	12	20.81	20.67	20.66		
5	QPSK	1	24	20.77	20.80	20.80		
5	QPSK	12	0	20.33	20.50	20.28	22	0.5
5	QPSK	12	7	20.30	20.26	20.12		
5	QPSK	12	13	20.28	20.22	20.31		
5	QPSK	25	0	20.23	20.41	20.26		
5	16QAM	1	0	20.26	20.23	20.17	22	0.5
5	16QAM	1	12	20.23	20.26	20.37		
5	16QAM	1	24	20.21	20.17	20.26		
5	16QAM	12	0	19.30	19.25	19.42	21	1.5
5	16QAM	12	7	19.35	19.19	19.15		
5	16QAM	12	13	19.26	19.31	19.31		
5	16QAM	25	0	19.31	19.31	19.26		
5	64QAM	1	0	19.42	19.17	19.11	21	1.5
5	64QAM	1	12	19.28	19.29	19.24		
5	64QAM	1	24	19.18	19.32	19.20		
5	64QAM	12	0	18.42	18.39	18.33	20	2.5
5	64QAM	12	7	18.32	18.19	18.14		
5	64QAM	12	13	18.13	18.14	18.36		
5	64QAM	25	0	18.24	18.42	18.34		
5	256QAM	1	0	16.43	16.43	16.23	18	4.5
5	256QAM	1	12	16.31	16.10	16.05		
5	256QAM	1	24	16.24	16.30	16.22		
5	256QAM	12	0	16.14	16.37	16.28	18	4.5
5	256QAM	12	7	16.30	16.17	16.29		
5	256QAM	12	13	16.18	16.25	16.27		
5	256QAM	25	0	16.14	16.18	16.33		

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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	22.38	22.47	22.33	24.1	0
20	QPSK	1	49	22.34	22.33	22.36		
20	QPSK	1	99	22.28	22.37	22.38		
20	QPSK	50	0	22.30	22.41	22.29	24.1	0
20	QPSK	50	24	22.25	22.32	22.37		
20	QPSK	50	50	22.17	22.26	22.25		
20	QPSK	100	0	22.25	22.37	22.30		
20	16QAM	1	0	22.13	22.26	22.26	24.1	0
20	16QAM	1	49	22.17	22.29	22.23		
20	16QAM	1	99	22.27	22.26	22.27		
20	16QAM	50	0	22.22	22.19	22.28	24	0.1
20	16QAM	50	24	22.07	22.17	22.21		
20	16QAM	50	50	22.17	22.29	22.11		
20	16QAM	100	0	22.26	22.26	22.09		
20	64QAM	1	0	22.03	22.20	22.24	24	0.1
20	64QAM	1	49	22.03	22.15	22.08		
20	64QAM	1	99	22.18	22.24	22.21		
20	64QAM	50	0	21.26	21.31	21.25	23	1.1
20	64QAM	50	24	21.22	21.26	21.31		
20	64QAM	50	50	21.20	21.29	21.20		
20	64QAM	100	0	21.21	21.33	21.20		
20	256QAM	1	0	19.26	19.30	19.27	21	3.1
20	256QAM	1	49	19.27	19.28	19.27		
20	256QAM	1	99	19.28	19.31	19.30		
20	256QAM	50	0	19.23	19.22	19.13	21	3.1
20	256QAM	50	24	19.12	19.20	19.25		
20	256QAM	50	50	19.10	19.09	19.11		
20	256QAM	100	0	19.17	19.30	19.31		
Channel				37825	38000	38175	Tune-up limit	MPR
Frequency (MHz)				2577.5	2595	2612.5	(dBm)	(dB)
15	QPSK	1	0	22.37	22.41	22.23	24.1	0
15	QPSK	1	37	22.26	22.29	22.36		
15	QPSK	1	74	22.21	22.26	22.39		
15	QPSK	36	0	22.29	22.41	22.26	24.1	0
15	QPSK	36	20	22.22	22.28	22.32		
15	QPSK	36	39	22.10	22.27	22.25		
15	QPSK	75	0	22.20	22.33	22.27		
15	16QAM	1	0	22.23	22.16	22.16	24.1	0
15	16QAM	1	37	22.16	22.19	22.24		
15	16QAM	1	74	22.25	22.19	22.22		
15	16QAM	36	0	22.14	22.13	22.27	24	0.1
15	16QAM	36	20	22.27	22.10	22.19		
15	16QAM	36	39	22.14	22.25	22.07		
15	16QAM	75	0	22.17	22.20	22.08		
15	64QAM	1	0	22.08	22.17	22.18	24	0.1
15	64QAM	1	37	22.23	22.16	22.04		
15	64QAM	1	74	22.13	22.23	22.16		
15	64QAM	36	0	21.25	21.29	21.19	23	1.1
15	64QAM	36	20	21.14	21.25	21.26		
15	64QAM	36	39	21.15	21.26	21.17		
15	64QAM	75	0	21.19	21.29	21.14		
15	256QAM	1	0	19.26	19.20	19.19	21	3.1
15	256QAM	1	37	19.24	19.23	19.18		
15	256QAM	1	74	19.24	19.30	19.22		
15	256QAM	36	0	19.23	19.20	19.10	21	3.1
15	256QAM	36	20	19.06	19.14	19.18		
15	256QAM	36	39	19.05	19.03	19.06		
15	256QAM	75	0	19.16	19.20	19.20		
Channel				37800	38000	38200	Tune-up limit	MPR
Frequency (MHz)				2575	2595	2615	(dBm)	(dB)
10	QPSK	1	0	22.35	22.39	22.23	24.1	0
10	QPSK	1	25	22.34	22.30	22.35		
10	QPSK	1	49	22.29	22.36	22.35		
10	QPSK	25	0	22.29	22.37	22.24	24.1	0
10	QPSK	25	12	22.22	22.32	22.35		
10	QPSK	25	25	22.35	22.17	22.19		
10	QPSK	50	0	22.23	22.36	22.28		
10	16QAM	1	0	22.13	22.19	22.25	24.1	0
10	16QAM	1	25	22.25	22.28	22.23		
10	16QAM	1	49	22.19	22.23	22.22		
10	16QAM	25	0	22.13	22.15	22.22	24	0.1
10	16QAM	25	12	22.05	22.09	22.20		
10	16QAM	25	25	22.10	22.25	22.08		
10	16QAM	50	0	22.24	22.18	22.04		
10	64QAM	1	0	22.01	22.14	22.13	24	0.1
10	64QAM	1	25	22.20	22.04	22.13		
10	64QAM	1	49	22.19	22.20	22.13		
10	64QAM	25	0	21.24	21.27	21.15	23	1.1
10	64QAM	25	12	21.21	21.22	21.26		
10	64QAM	25	25	21.09	21.29	21.17		
10	64QAM	50	0	21.11	21.28	21.21		
10	256QAM	1	0	19.22	19.22	19.19	21	3.1
10	256QAM	1	25	19.22	19.18	19.21		
10	256QAM	1	49	19.28	19.20	19.21		
10	256QAM	25	0	19.15	19.23	19.04	21	3.1
10	256QAM	25	12	19.03	19.10	19.26		
10	256QAM	25	25	19.06	19.01	19.09		
10	256QAM	50	0	19.08	19.23	19.29		
Channel				37775	38000	38225	Tune-up limit	MPR
Frequency (MHz)				2572.5	2595	2617.5	(dBm)	(dB)
5	QPSK	1	0	22.29	22.46	22.25	24.1	0
5	QPSK	1	12	22.35	22.24	22.31		
5	QPSK	1	24	22.24	22.29	22.29		
5	QPSK	12	0	22.25	22.34	22.21	24.1	0
5	QPSK	12	7	22.14	22.21	22.26		
5	QPSK	12	13	22.26	22.24	22.17		
5	QPSK	25	0	22.17	22.26	22.26		
5	16QAM	1	0	22.13	22.27	22.21	24.1	0
5	16QAM	1	12	22.14	22.18	22.23		
5	16QAM	1	24	22.22	22.26	22.19		
5	16QAM	12	0	22.21	22.15	22.22	24	0.1
5	16QAM	12	7	22.06	22.07	22.13		
5	16QAM	12	13	22.09	22.22	22.08		
5	16QAM	25	0	22.16	22.22	22.05		
5	64QAM	1	0	22.06	22.09	22.20	24	0.1
5	64QAM	1	12	22.25	22.10	22.06		
5	64QAM	1	24	22.09	22.21	22.17		
5	64QAM	12	0	21.22	21.22	21.25	23	1.1
5	64QAM	12	7	21.21	21.19	21.31		
5	64QAM	12	13	21.10	21.29	21.17		
5	64QAM	25	0	21.16	21.27	21.19		
5	256QAM	1	0	19.21	19.26	19.20	21	3.1
5	256QAM	1	12	19.22	19.19	19.18		
5	256QAM	1	24	19.23	19.29	19.30		
5	256QAM	12	0	19.16	19.23	19.03	21	3.1
5	256QAM	12	7	19.10	19.12	19.16		
5	256QAM	12	13	19.05	19.08	19.09		
5	256QAM	25	0	19.09	19.25	19.20		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.96	20.99	21.02	20.98	20.94	22.5	0
20	QPSK	1	49	20.90	20.97	20.90	20.81	20.93		
20	QPSK	1	99	21.01	20.95	20.92	20.97	20.96		
20	QPSK	50	0	20.48	20.50	20.58	20.51	20.40	22	0.5
20	QPSK	50	24	20.40	20.49	20.37	20.31	20.46		
20	QPSK	50	50	20.47	20.40	20.39	20.42	20.42		
20	QPSK	100	0	20.47	20.44	20.54	20.50	20.45		
20	16QAM	1	0	20.37	20.50	20.37	20.37	20.40	22	0.5
20	16QAM	1	49	20.57	20.45	20.48	20.51	20.45		
20	16QAM	1	99	20.52	20.41	20.40	20.46	20.48		
20	16QAM	50	0	19.48	19.51	19.52	19.56	19.37	21	1.5
20	16QAM	50	24	19.43	19.49	19.41	19.25	19.46		
20	16QAM	50	50	19.42	19.43	19.43	19.42	19.45		
20	16QAM	100	0	19.52	19.43	19.52	19.51	19.40		
20	64QAM	1	0	19.32	19.53	19.42	19.32	19.43	21	1.5
20	64QAM	1	49	19.63	19.45	19.49	19.49	19.41		
20	64QAM	1	99	19.55	19.45	19.45	19.42	19.49		
20	64QAM	50	0	18.42	18.54	18.53	18.52	18.39	20	2.5
20	64QAM	50	24	18.45	18.50	18.38	18.36	18.41		
20	64QAM	50	50	18.44	18.34	18.34	18.47	18.39		
20	64QAM	100	0	18.53	18.46	18.50	18.51	18.50		
20	256QAM	1	0	16.48	16.55	16.63	16.48	16.38	18	4.5
20	256QAM	1	49	16.45	16.53	16.31	16.27	16.48		
20	256QAM	1	99	16.46	16.38	16.44	16.36	16.42		
20	256QAM	50	0	16.46	16.40	16.57	16.49	16.47	18	4.5
20	256QAM	50	24	16.32	16.48	16.36	16.39	16.44		
20	256QAM	50	50	16.57	16.41	16.43	16.51	16.49		
20	256QAM	100	0	16.53	16.37	16.35	16.45	16.42		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.67	20.89	20.90	20.85	20.90	23	0
15	QPSK	1	37	20.83	20.92	20.81	20.76	20.84		
15	QPSK	1	74	20.88	20.83	20.83	20.91	20.88		
15	QPSK	36	0	20.35	20.42	20.49	20.47	20.35	22	0.5
15	QPSK	36	20	20.35	20.44	20.22	20.26	20.31		
15	QPSK	36	39	20.38	20.31	20.26	20.33	20.29		
15	QPSK	75	0	20.43	20.33	20.47	20.38	20.35		
15	16QAM	1	0	20.26	20.35	20.23	20.32	20.34	22	0.5
15	16QAM	1	37	20.50	20.33	20.35	20.41	20.42		
15	16QAM	1	74	20.45	20.29	20.29	20.36	20.45		
15	16QAM	36	0	19.36	19.44	19.43	19.52	19.23	21	1.5
15	16QAM	36	20	19.34	19.34	19.29	19.13	19.33		
15	16QAM	36	39	19.28	19.38	19.30	19.33	19.32		
15	16QAM	75	0	19.41	19.32	19.42	19.47	19.31		
15	64QAM	1	0	19.29	19.47	19.27	19.20	19.32	21	1.5
15	64QAM	1	37	19.60	19.41	19.35	19.41	19.33		
15	64QAM	1	74	19.45	19.40	19.34	19.33	19.46		
15	64QAM	36	0	18.29	18.50	18.43	18.40	18.30	20	2.5
15	64QAM	36	20	18.31	18.39	18.24	18.29	18.36		
15	64QAM	36	39	18.36	18.23	18.26	18.38	18.24		
15	64QAM	75	0	18.48	18.43	18.39	18.43	18.40		
15	256QAM	1	0	16.40	16.46	16.59	16.44	16.26	18	4.5
15	256QAM	1	37	16.33	16.45	16.17	16.18	16.34		
15	256QAM	1	74	16.42	16.34	16.40	16.30	16.29		
15	256QAM	36	0	16.39	16.35	16.48	16.44	16.37	18	4.5
15	256QAM	36	20	16.25	16.37	16.31	16.27	16.34		
15	256QAM	36	39	16.53	16.29	16.36	16.43	16.36		
15	256QAM	75	0	16.48	16.32	16.20	16.30	16.32		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.90	20.89	20.96	20.84	20.89	23	0
10	QPSK	1	25	20.81	20.89	20.78	20.78	20.83		
10	QPSK	1	49	20.96	20.86	20.82	20.93	20.93		
10	QPSK	25	0	20.44	20.47	20.46	20.44	20.35	22	0.5
10	QPSK	25	12	20.30	20.41	20.34	20.25	20.35		
10	QPSK	25	25	20.32	20.32	20.35	20.27	20.30		
10	QPSK	50	0	20.43	20.39	20.46	20.44	20.40		
10	16QAM	1	0	20.24	20.44	20.25	20.32	20.30	22	0.5
10	16QAM	1	25	20.50	20.38	20.37	20.45	20.35		
10	16QAM	1	49	20.44	20.34	20.31	20.32	20.40		
10	16QAM	25	0	19.40	19.39	19.38	19.44	19.29	21	1.5
10	16QAM	25	12	19.37	19.37	19.32	19.15	19.42		
10	16QAM	25	25	19.29	19.28	19.40	19.31	19.35		
10	16QAM	50	0	19.38	19.37	19.43	19.39	19.35		
10	64QAM	1	0	19.27	19.41	19.27	19.24	19.30	21	1.5
10	64QAM	1	25	19.52	19.33	19.39	19.35	19.33		
10	64QAM	1	49	19.40	19.40	19.37	19.27	19.44		
10	64QAM	25	0	18.28	18.41	18.38	18.43	18.33	20	2.5
10	64QAM	25	12	18.41	18.36	18.33	18.22	18.36		
10	64QAM	25	25	18.35	18.31	18.31	18.34	18.33		
10	64QAM	50	0	18.44	18.42	18.46	18.48	18.35		
10	256QAM	1	0	16.36	16.50	16.53	16.34	16.31	18	4.5
10	256QAM	1	25	16.41	16.45	16.21	16.14	16.35		
10	256QAM	1	49	16.37	16.27	16.34	16.25	16.30		
10	256QAM	25	0	16.35	16.27	16.46	16.43	16.39	18	4.5
10	256QAM	25	12	16.19	16.33	16.29	16.34	16.32		
10	256QAM	25	25	16.53	16.30	16.32	16.40	16.44		
10	256QAM	50	0	16.49	16.30	16.26	16.35	16.32		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	20.92	20.89	20.90	20.92	20.88	23	0
5	QPSK	1	12	20.82	20.85	20.84	20.75	20.89		
5	QPSK	1	24	20.87	20.91	20.83	20.86	20.86		
5	QPSK	12	0	20.33	20.38	20.46	20.36	20.30	22	0.5
5	QPSK	12	7	20.38	20.37	20.31	20.18	20.39		
5	QPSK	12	13	20.43	20.27	20.32	20.34	20.37		
5	QPSK	25	0	20.36	20.36	20.46	20.45	20.41		
5	16QAM	1	0	20.25	20.39	20.23	20.26	20.28	22	0.5
5	16QAM	1	12	20.43	20.35	20.35	20.42	20.33		
5	16QAM	1	24	20.43	20.26	20.36	20.33	20.43		
5	16QAM	12	0	19.41	19.42	19.39	19.46	19.34	21	1.5
5	16QAM	12	7	19.33	19.46	19.28	19.10	19.31		
5	16QAM	12	13	19.32	19.35	19.35	19.29	19.33		
5	16QAM	25	0	19.44	19.38	19.42	19.38	19.34		
5	64QAM	1	0	19.28	19.39	19.29	19.25	19.32	21	1.5
5	64QAM	1	12	19.57	19.42	19.40	19.35	19.34		
5	64QAM	1	24	19.44	19.35	19.38	19.30	19.37		
5	64QAM	12	0	18.38	18.40	18.46	18.48	18.31	20	2.5
5	64QAM	12	7	18.33	18.36	18.31	18.22	18.34		
5	64QAM	12	13	18.41	18.30	18.25	18.34	18.30		
5	64QAM	25	0	18.39	18.40	18.40	18.43	18.45		
5	256QAM	1	0	16.33	16.41	16.54	16.45	16.25	18	4.5
5	256QAM	1	12	16.31	16.45	16.22	16.12	16.45		
5	256QAM	1	24	16.32	16.33	16.33	16.25	16.34		
5	256QAM	12	0	16.42	16.29	16.52	16.34	16.41	18	4.5
5	256QAM	12	7	16.18	16.40	16.32	16.32	16.35		
5	256QAM	12	13	16.54	16.30	16.37	16.41	16.37		
5	256QAM	25	0	16.44	16.31	16.30	16.32	16.30		

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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	22.45	22.46	22.50	22.47	22.44	24.1	0
20	QPSK	1	49	22.37	22.42	22.45	22.46	22.34		
20	QPSK	1	99	22.44	22.40	22.48	22.45	22.43		
20	QPSK	50	0	22.33	22.40	22.46	22.39	22.40	24.1	0
20	QPSK	50	24	22.29	22.33	22.44	22.45	22.22		
20	QPSK	50	50	22.40	22.31	22.38	22.35	22.43		
20	QPSK	100	0	22.36	22.38	22.46	22.44	22.43		
20	16QAM	1	0	22.29	22.27	22.41	22.40	22.22	24.1	0
20	16QAM	1	49	22.35	22.20	22.36	22.34	22.35		
20	16QAM	1	99	22.27	22.31	22.35	22.32	22.34		
20	16QAM	50	0	22.30	22.29	22.29	22.31	22.22	24	0.1
20	16QAM	50	24	22.27	22.22	22.26	22.32	22.14		
20	16QAM	50	50	22.27	22.25	22.37	22.25	22.29		
20	16QAM	100	0	22.15	22.30	22.36	22.22	22.25		
20	64QAM	1	0	22.07	22.14	22.33	22.28	22.03	24	0.1
20	64QAM	1	49	22.19	22.18	22.22	22.16	22.31		
20	64QAM	1	99	22.20	22.24	22.29	22.25	22.26		
20	64QAM	50	0	21.40	21.33	21.40	21.34	21.39	23	1.1
20	64QAM	50	24	21.26	21.27	21.36	21.40	21.22		
20	64QAM	50	50	21.38	21.33	21.34	21.30	21.38		
20	64QAM	100	0	21.18	21.35	21.37	21.32	21.32		
20	256QAM	1	0	19.38	19.34	19.39	19.32	19.40	21	3.1
20	256QAM	1	49	19.31	19.31	19.38	19.31	19.24		
20	256QAM	1	99	19.37	19.35	19.41	19.38	19.32		
20	256QAM	50	0	19.25	19.29	19.32	19.28	19.29	21	3.1
20	256QAM	50	24	19.13	19.18	19.30	19.35	19.17		
20	256QAM	50	50	19.24	19.16	19.23	19.24	19.37		
20	256QAM	100	0	19.25	19.23	19.37	19.37	19.34		
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	22.41	22.36	22.44	22.42	22.36	24.1	0
15	QPSK	1	37	22.31	22.37	22.30	22.36	22.19		
15	QPSK	1	74	22.29	22.35	22.44	22.33	22.30		
15	QPSK	36	0	22.27	22.33	22.42	22.29	22.26	24.1	0
15	QPSK	36	20	22.19	22.22	22.33	22.33	22.12		
15	QPSK	36	39	22.33	22.19	22.26	22.24	22.30		
15	QPSK	75	0	22.32	22.24	22.33	22.34	22.38		
15	16QAM	1	0	22.20	22.20	22.33	22.28	22.13	24.1	0
15	16QAM	1	37	22.26	22.17	22.25	22.27	22.30		
15	16QAM	1	74	22.15	22.16	22.21	22.22	22.29		
15	16QAM	36	0	22.20	22.17	22.21	22.18	22.13	24	0.1
15	16QAM	36	20	22.12	22.19	22.22	22.29	22.06		
15	16QAM	36	39	22.17	22.20	22.24	22.18	22.15		
15	16QAM	75	0	22.04	22.25	22.22	22.18	22.18		
15	64QAM	1	0	22.10	22.16	22.24	22.16	22.17	24	0.1
15	64QAM	1	37	22.11	22.15	22.13	22.03	22.17		
15	64QAM	1	74	22.12	22.13	22.18	22.14	22.21		
15	64QAM	36	0	21.37	21.29	21.26	21.27	21.28	23	1.1
15	64QAM	36	20	21.12	21.15	21.26	21.32	21.12		
15	64QAM	36	39	21.25	21.23	21.26	21.19	21.29		
15	64QAM	75	0	21.12	21.23	21.29	21.18	21.27		
15	256QAM	1	0	19.30	19.28	19.32	19.22	19.31	21	3.1
15	256QAM	1	37	19.26	19.25	19.24	19.19	19.14		
15	256QAM	1	74	19.27	19.26	19.33	19.30	19.22		
15	256QAM	36	0	19.11	19.16	19.19	19.23	19.19	21	3.1
15	256QAM	36	20	19.04	19.14	19.22	19.27	19.13		
15	256QAM	36	39	19.14	19.07	19.09	19.19	19.24		
15	256QAM	75	0	19.10	19.15	19.24	19.27	19.25		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.32	22.40	22.46	22.36	22.35	24.1	0
10	QPSK	1	25	22.32	22.32	22.32	22.40	22.26		
10	QPSK	1	49	22.35	22.26	22.40	22.38	22.34		
10	QPSK	25	0	22.20	22.32	22.37	22.26	22.37	24.1	0
10	QPSK	25	12	22.25	22.23	22.36	22.30	22.11		
10	QPSK	25	25	22.26	22.25	22.25	22.22	22.37		
10	QPSK	50	0	22.31	22.30	22.35	22.40	22.33		
10	16QAM	1	0	22.25	22.24	22.28	22.37	22.10	24.1	0
10	16QAM	1	25	22.30	22.16	22.24	22.22	22.29		
10	16QAM	1	49	22.23	22.18	22.29	22.24	22.22		
10	16QAM	25	0	22.18	22.17	22.15	22.21	22.17	24	0.1
10	16QAM	25	12	22.17	22.15	22.14	22.29	22.02		
10	16QAM	25	25	22.19	22.15	22.26	22.18	22.20		
10	16QAM	50	0	22.08	22.20	22.32	22.14	22.13		
10	64QAM	1	0	22.09	22.01	22.20	22.16	22.00	24	0.1
10	64QAM	1	25	22.06	22.10	22.18	22.07	22.21		
10	64QAM	1	49	22.13	22.21	22.18	22.22	22.18		
10	64QAM	25	0	21.34	21.23	21.30	21.31	21.30	23	1.1
10	64QAM	25	12	21.16	21.13	21.22	21.34	21.16		
10	64QAM	25	25	21.32	21.26	21.25	21.21	21.26		
10	64QAM	50	0	21.12	21.30	21.30	21.26	21.20		
10	256QAM	1	0	19.27	19.28	19.30	19.20	19.29	21	3.1
10	256QAM	1	25	19.23	19.18	19.33	19.16	19.20		
10	256QAM	1	49	19.25	19.26	19.27	19.29	19.19		
10	256QAM	25	0	19.14	19.25	19.27	19.13	19.24	21	3.1
10	256QAM	25	12	19.01	19.03	19.22	19.24	19.07		
10	256QAM	25	25	19.12	19.07	19.16	19.13	19.31		
10	256QAM	50	0	19.14	19.20	19.29	19.29	19.30		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	22.35	22.39	22.41	22.42	22.40	24.1	0
5	QPSK	1	12	22.31	22.27	22.30	22.39	22.30		
5	QPSK	1	24	22.29	22.30	22.44	22.34	22.37		
5	QPSK	12	0	22.21	22.33	22.39	22.29	22.29	24.1	0
5	QPSK	12	7	22.19	22.25	22.40	22.40	22.14		
5	QPSK	12	13	22.30	22.27	22.31	22.32	22.32		
5	QPSK	25	0	22.29	22.24	22.43	22.36	22.31		
5	16QAM	1	0	22.24	22.15	22.29	22.36	22.17	24.1	0
5	16QAM	1	12	22.28	22.30	22.29	22.24	22.21		
5	16QAM	1	24	22.14	22.19	22.21	22.28	22.30		
5	16QAM	12	0	22.16	22.25	22.16	22.20	22.12	24	0.1
5	16QAM	12	7	22.15	22.12	22.15	22.29	22.06		
5	16QAM	12	13	22.14	22.15	22.32	22.17	22.18		
5	16QAM	25	0	22.01	22.21	22.32	22.13	22.15		
5	64QAM	1	0	22.05	22.05	22.18	22.24	22.12	24	0.1
5	64QAM	1	12	22.14	22.14	22.10	22.10	22.27		
5	64QAM	1	24	22.15	22.09	22.17	22.19	22.12		
5	64QAM	12	0	21.31	21.21	21.29	21.26	21.33	23	1.1
5	64QAM	12	7	21.23	21.18	21.32	21.26	21.18		
5	64QAM	12	13	21.32	21.28	21.26	21.24	21.25		
5	64QAM	25	0	21.10	21.27	21.23	21.26	21.19		
5	256QAM	1	0	19.27	19.30	19.25	19.27	19.28	21	3.1
5	256QAM	1	12	19.27	19.25	19.34	19.20	19.16		
5	256QAM	1	24	19.31	19.29	19.30	19.31	19.23		
5	256QAM	12	0	19.18	19.17	19.19	19.15	19.26	21	3.1
5	256QAM	12	7	19.04	19.06	19.15	19.20	19.07		
5	256QAM	12	13	19.19	19.09	19.11	19.19	19.30		
5	256QAM	25	0	19.21	19.18	19.29	19.32	19.24		

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	32.13	32.27	32.27	33.50	23.13	23.27	23.27	24.50
GPRS 1 Tx slot	31.99	32.19	32.19	33.50	22.99	23.19	23.19	24.50
GPRS 2 Tx slots	29.96	30.23	30.12	31.50	23.96	24.23	24.12	25.50
GPRS 3 Tx slots	28.38	28.55	28.46	29.50	24.12	24.29	24.20	25.24
GPRS 4 Tx slots	26.76	27.02	26.92	28.00	23.76	24.02	23.92	25.00
EDGE 1 Tx slot	26.12	26.15	26.12	27.00	17.12	17.15	17.12	18.00
EDGE 2 Tx slots	25.01	25.03	24.94	26.00	19.01	19.03	18.94	20.00
EDGE 3 Tx slots	23.40	23.48	23.54	24.50	19.14	19.22	19.28	20.24
EDGE 4 Tx slots	21.48	21.72	21.69	22.50	18.48	18.72	18.69	19.50

GSM1900 Ant 1 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	25.79	25.94	25.79	27.00	16.79	16.94	16.79	18.00
GPRS 1 Tx slot	25.75	25.98	25.76	27.00	16.75	16.98	16.76	18.00
GPRS 2 Tx slots	22.88	23.01	22.95	24.00	16.88	17.01	16.95	18.00
GPRS 3 Tx slots	21.00	21.03	20.97	22.20	16.74	16.77	16.71	17.94
GPRS 4 Tx slots	20.13	20.17	20.15	21.00	17.13	17.17	17.15	18.00
EDGE 1 Tx slot	23.56	23.52	23.41	24.50	14.56	14.52	14.41	15.50
EDGE 2 Tx slots	22.39	22.26	22.17	23.00	16.39	16.26	16.17	17.00
EDGE 3 Tx slots	20.76	20.76	20.62	22.00	16.50	16.50	16.36	17.74
EDGE 4 Tx slots	18.95	18.95	18.90	20.00	15.95	15.95	15.90	17.00

Band		WCDMA II Ant 1 DSI6			Tune-up Limit (dBm)	WCDMA IV Ant 1 DSI6			Tune-up Limit (dBm)	WCDMA V Ant 1 DSI6			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	17.15	17.18	17.12	18.40	18.48	18.50	18.46	19.90	22.65	22.66	22.61	24.00
3GPP Rel 99	RMC 12.2Kbps	17.20	17.22	17.18	18.40	18.52	18.56	18.54	19.90	22.68	22.71	22.65	24.00
3GPP Rel 6	HSDPA Subtest-1	16.14	16.24	16.14	17.40	17.56	17.55	17.56	18.90	21.65	21.77	21.60	23.00
3GPP Rel 6	HSDPA Subtest-2	16.14	16.20	16.22	17.40	17.48	17.56	17.57	18.90	21.69	21.71	21.68	23.00
3GPP Rel 6	HSDPA Subtest-3	15.65	15.67	15.70	16.90	16.96	17.06	16.99	18.40	21.20	21.25	21.18	22.50
3GPP Rel 6	HSDPA Subtest-4	15.69	15.77	15.68	16.90	17.00	17.02	17.07	18.40	21.16	21.20	21.16	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.15	16.27	16.21	17.40	17.57	17.60	17.54	18.90	21.69	21.75	21.60	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.16	16.26	16.16	17.40	17.50	17.52	17.51	18.90	21.63	21.72	21.63	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.68	15.74	15.72	16.90	16.98	17.10	17.05	18.40	21.19	21.23	21.14	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.71	15.71	15.69	16.90	16.98	17.03	16.98	18.40	21.16	21.15	21.12	22.50
3GPP Rel 6	HSUPA Subtest-1	16.21	16.27	16.17	17.40	17.51	17.57	17.60	18.90	21.65	21.65	21.69	23.00
3GPP Rel 6	HSUPA Subtest-2	14.16	14.19	14.20	15.40	15.51	15.61	15.57	16.90	19.64	19.66	19.66	21.00
3GPP Rel 6	HSUPA Subtest-3	15.25	15.17	15.13	16.40	16.56	16.57	16.54	17.90	20.71	20.75	20.66	22.00
3GPP Rel 6	HSUPA Subtest-4	14.17	14.24	14.14	15.40	15.56	15.55	15.48	16.90	19.71	19.73	19.62	21.00
3GPP Rel 6	HSUPA Subtest-5	16.26	16.23	16.16	17.40	17.54	17.52	17.56	18.90	21.66	21.73	21.59	23.00

Band 2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.92	15.98	15.94		
20	QPSK	1	49	15.83	15.80	15.73	17	0
20	QPSK	1	99	15.79	15.83	15.82		
20	QPSK	50	0	15.84	15.94	15.83		
20	QPSK	50	24	15.80	15.86	15.75	17	0
20	QPSK	50	50	15.79	15.79	15.84		
20	QPSK	100	0	15.84	15.91	15.86		
20	16QAM	1	0	15.83	15.89	15.84		
20	16QAM	1	49	15.69	15.76	15.58	17	0
20	16QAM	1	99	15.64	15.67	15.73		
20	16QAM	50	0	15.71	15.83	15.74		
20	16QAM	50	24	15.75	15.81	15.65	17	0
20	16QAM	50	50	15.74	15.74	15.74		
20	16QAM	100	0	15.70	15.85	15.77		
20	64QAM	1	0	15.78	15.90	15.82		
20	64QAM	1	49	15.68	15.75	15.65	17	0
20	64QAM	1	99	15.73	15.72	15.78		
20	64QAM	50	0	15.79	15.88	15.70		
20	64QAM	50	24	15.72	15.81	15.62	17	0
20	64QAM	50	50	15.72	15.68	15.70		
20	64QAM	100	0	15.78	15.76	15.76		
20	256QAM	1	0	15.87	15.85	15.90		
20	256QAM	1	49	15.77	15.65	15.64	17	0
20	256QAM	1	99	15.65	15.65	15.73		
20	256QAM	50	0	15.75	15.84	15.78		
20	256QAM	50	24	15.68	15.76	15.61	17	0
20	256QAM	50	50	15.71	15.64	15.71		
20	256QAM	100	0	15.78	15.86	15.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.82	15.87	15.87		
15	QPSK	1	37	15.77	15.68	15.71	17	0
15	QPSK	1	74	15.72	15.72	15.71		
15	QPSK	36	0	15.83	15.94	15.77		
15	QPSK	36	20	15.70	15.85	15.65	17	0
15	QPSK	36	39	15.79	15.75	15.84		
15	QPSK	75	0	15.84	15.84	15.81		
15	16QAM	1	0	15.79	15.84	15.83		
15	16QAM	1	37	15.66	15.69	15.47	17	0
15	16QAM	1	74	15.55	15.63	15.63		
15	16QAM	36	0	15.60	15.72	15.71		
15	16QAM	36	20	15.73	15.74	15.56	17	0
15	16QAM	36	39	15.64	15.64	15.62		
15	16QAM	75	0	15.58	15.81	15.70		
15	64QAM	1	0	15.69	15.78	15.76		
15	64QAM	1	37	15.56	15.64	15.53	17	0
15	64QAM	1	74	15.61	15.66	15.76		
15	64QAM	36	0	15.68	15.86	15.70		
15	64QAM	36	20	15.65	15.71	15.53	17	0
15	64QAM	36	39	15.62	15.59	15.65		
15	64QAM	75	0	15.70	15.66	15.70		
15	256QAM	1	0	15.78	15.82	15.82		
15	256QAM	1	37	15.65	15.65	15.55	17	0
15	256QAM	1	74	15.64	15.61	15.63		
15	256QAM	36	0	15.64	15.77	15.69		
15	256QAM	36	20	15.56	15.72	15.49	17	0
15	256QAM	36	39	15.70	15.56	15.60		
15	256QAM	75	0	15.69	15.76	15.76		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.89	15.87	15.85		
10	QPSK	1	25	15.77	15.79	15.70	17	0
10	QPSK	1	49	15.70	15.73	15.77		
10	QPSK	25	0	15.83	15.83	15.78		
10	QPSK	25	12	15.68	15.79	15.74	17	0
10	QPSK	25	25	15.69	15.73	15.68		
10	QPSK	50	0	15.74	15.88	15.86		
10	16QAM	1	0	15.73	15.84	15.73		
10	16QAM	1	25	15.60	15.75	15.52	17	0
10	16QAM	1	49	15.62	15.67	15.72		
10	16QAM	25	0	15.71	15.74	15.70		
10	16QAM	25	12	15.72	15.70	15.72	17	0
10	16QAM	25	25	15.70	15.67	15.70		
10	16QAM	50	0	15.59	15.80	15.75		
10	64QAM	1	0	15.76	15.84	15.76		
10	64QAM	1	25	15.65	15.74	15.56	17	0
10	64QAM	1	49	15.59	15.70	15.76		
10	64QAM	25	0	15.77	15.81	15.59		
10	64QAM	25	12	15.68	15.77	15.58	17	0
10	64QAM	25	25	15.65	15.68	15.69		
10	64QAM	50	0	15.71	15.75	15.67		
10	256QAM	1	0	15.83	15.81	15.79		
10	256QAM	1	25	15.73	15.59	15.57	17	0
10	256QAM	1	49	15.60	15.64	15.65		
10	256QAM	25	0	15.71	15.76	15.73		
10	256QAM	25	12	15.66	15.64	15.57	17	0
10	256QAM	25	25	15.60	15.56	15.59		
10	256QAM	50	0	15.69	15.81	15.73		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.82	15.88	15.84		
5	QPSK	1	12	15.75	15.71	15.61	17	0
5	QPSK	1	24	15.77	15.73	15.82		
5	QPSK	12	0	15.78	15.90	15.81		
5	QPSK	12	7	15.69	15.79	15.63	17	0
5	QPSK	12	13	15.74	15.68	15.75		
5	QPSK	25	0	15.76	15.85	15.76		
5	16QAM	1	0	15.74	15.88	15.83		
5	16QAM	1	12	15.66	15.73	15.52	17	0
5	16QAM	1	24	15.61	15.65	15.70		
5	16QAM	12	0	15.59	15.77	15.74		
5	16QAM	12	7	15.63	15.71	15.60	17	0
5	16QAM	12	13	15.62	15.71	15.72		
5	16QAM	25	0	15.61	15.85	15.76		
5	64QAM	1	0	15.78	15.87	15.74		
5	64QAM	1	12	15.58	15.71	15.56	17	0
5	64QAM	1	24	15.66	15.65	15.77		
5	64QAM	12	0	15.75	15.79	15.68		
5	64QAM	12	7	15.65	15.69	15.56	17	0
5	64QAM	12	13	15.69	15.63	15.63		
5	64QAM	25	0	15.74	15.74	15.74		
5	256QAM	1	0	15.77	15.83	15.90		
5	256QAM	1	12	15.77	15.63	15.56	17	0
5	256QAM	1	24	15.63	15.59	15.71		
5	256QAM	12	0	15.72	15.82	15.68		
5	256QAM	12	7	15.60	15.73	15.57	17	0
5	256QAM	12	13	15.61	15.58	15.69		
5	256QAM	25	0	15.69	15.82	15.78		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.87	15.90	15.93		
3	QPSK	1	8	15.80	15.69	15.66	17	0
3	QPSK	1	14	15.71	15.79	15.77		
3	QPSK	8	0	15.79	15.84	15.74		
3	QPSK	8	4	15.79	15.84	15.66	17	0
3	QPSK	8	7	15.68	15.73	15.74		
3	QPSK	15	0	15.75	15.87	15.82		
3	16QAM	1	0	15.77	15.78	15.77		
3	16QAM	1	8	15.66	15.74	15.46	17	0
3	16QAM	1	14	15.61	15.61	15.72		
3	16QAM	8	0	15.62	15.73	15.70		
3	16QAM	8	4	15.71	15.73	15.53	17	0
3	16QAM	8	7	15.63	15.67	15.63		
3	16QAM	15	0	15.68	15.74	15.67		
3	64QAM	1	0	15.77	15.86	15.78		
3	64QAM	1	8	15.57	15.73	15.58	17	0
3	64QAM	1	14	15.62	15.62	15.72		
3	64QAM	8	0	15.77	15.83	15.65		
3	64QAM	8	4	15.61	15.78	15.56	17	0
3	64QAM	8	7	15.69	15.62	15.65		
3	64QAM	15	0	15.77	15.64	15.67		
3	256QAM	1	0	15.84	15.79	15.82		
3	256QAM	1	8	15.68	15.63	15.53	17	0
3	256QAM	1	14	15.55	15.57	15.62		
3	256QAM	8	0	15.73	15.79	15.67		
3	256QAM	8	4	15.59	15.68	15.50	17	0
3	256QAM	8	7	15.60	15.58	15.67		
3	256QAM	15	0	15.67	15.81	15.67		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.86	15.94	15.94		
1.4	QPSK	1	3	15.74	15.74	15.62		
1.4	QPSK	1	5	15.71	15.75	15.80	17	0
1.4	QPSK	3	0	15.76	15.85	15.75		
1.4	QPSK	3	1	15.73	15.85	15.75		
1.4	QPSK	3	3	15.72	15.69	15.79		
1.4	QPSK	6	0	15.83	15.84	15.81	17	0
1.4	16QAM	1	0	15.72	15.85	15.82		
1.4	16QAM	1	3	15.65	15.67	15.55		
1.4	16QAM	1	5	15.61	15.61	15.63	17	0
1.4	16QAM	3	0	15.69	15.77	15.63		
1.4	16QAM	3	1	15.70	15.76	15.59		
1.4	16QAM	3	3	15.68	15.69	15.70		
1.4	16QAM	6	0	15.65	15.79	15.73	17	0
1.4	64QAM	1	0	15.78	15.87	15.71		
1.4	64QAM	1	3	15.66	15.68	15.56		
1.4	64QAM	1	5	15.62	15.63	15.74	17	0
1.4	64QAM	3	0	15.74	15.77	15.67		
1.4	64QAM	3	1	15.67	15.71	15.52		
1.4	64QAM	3	3	15.63	15.66	15.64		
1.4	64QAM	6	0	15.74	15.67	15.66	17	0
1.4	256QAM	1	0	15.77	15.74	15.83		
1.4	256QAM	1	3	15.69	15.60	15.53		
1.4	256QAM	1	5	15.61	15.58	15.73	17	0
1.4	256QAM	3	0	15.70	15.76	15.75		
1.4	256QAM	3	1	15.58	15.64	15.52		
1.4	256QAM	3	3	15.67	15.58	15.68		
1.4	256QAM	6	0	15.74	15.81	15.76	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	17.93	18.05	18.04		
20	QPSK	1	49	17.86	17.91	17.92	19.3	0
20	QPSK	1	99	17.88	17.88	17.82		
20	QPSK	50	0	17.77	17.99	17.87		
20	QPSK	50	24	17.79	17.86	17.86	19.3	0
20	QPSK	50	50	17.77	17.88	17.89		
20	QPSK	100	0	17.96	17.96	17.91		
20	16QAM	1	0	17.98	17.91	17.91		
20	16QAM	1	49	17.78	17.76	17.80	19.3	0
20	16QAM	1	99	17.75	17.76	17.73		
20	16QAM	50	0	17.70	17.87	17.83		
20	16QAM	50	24	17.72	17.75	17.90	19.3	0
20	16QAM	50	50	17.65	17.83	17.83		
20	16QAM	100	0	17.86	17.94	17.76		
20	64QAM	1	0	17.91	17.98	17.91		
20	64QAM	1	49	17.69	17.92	17.85	19.3	0
20	64QAM	1	99	17.87	17.71	17.77		
20	64QAM	50	0	17.73	17.96	17.82		
20	64QAM	50	24	17.81	17.77	17.81	19.3	0
20	64QAM	50	50	17.78	17.84	17.84		
20	64QAM	100	0	17.81	17.87	17.78		
20	256QAM	1	0	16.23	16.19	16.22		
20	256QAM	1	49	15.98	16.10	16.10	17.5	1.8
20	256QAM	1	99	16.06	16.05	16.04		
20	256QAM	50	0	16.01	16.12	16.14		
20	256QAM	50	24	15.94	16.02	16.03	17.5	1.8
20	256QAM	50	50	15.95	16.17	16.04		
20	256QAM	100	0	16.16	16.13	16.11		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.86	17.94	17.99		
15	QPSK	1	37	17.82	17.87	17.83	19.3	0
15	QPSK	1	74	17.85	17.82	17.75		
15	QPSK	36	0	17.68	17.97	17.74		
15	QPSK	36	20	17.69	17.77	17.75	19.3	0
15	QPSK	36	39	17.67	17.80	17.82		
15	QPSK	75	0	17.90	17.90	17.78		
15	16QAM	1	0	17.87	17.86	17.88		
15	16QAM	1	37	17.65	17.71	17.73	19.3	0
15	16QAM	1	74	17.71	17.69	17.70		
15	16QAM	36	0	17.57	17.83	17.70		
15	16QAM	36	20	17.68	17.65	17.79	19.3	0
15	16QAM	36	39	17.59	17.80	17.77		
15	16QAM	75	0	17.80	17.87	17.64		
15	64QAM	1	0	17.80	17.85	17.82		
15	64QAM	1	37	17.66	17.84	17.78	19.3	0
15	64QAM	1	74	17.82	17.60	17.66		
15	64QAM	36	0	17.71	17.86	17.74		
15	64QAM	36	20	17.77	17.70	17.73	19.3	0
15	64QAM	36	39	17.70	17.73	17.79		
15	64QAM	75	0	17.79	17.83	17.74		
15	256QAM	1	0	16.11	16.05	16.14		
15	256QAM	1	37	15.84	15.98	16.00	17.5	1.8
15	256QAM	1	74	15.96	15.96	15.97		
15	256QAM	36	0	15.88	16.04	16.02		
15	256QAM	36	20	15.81	15.96	15.99	17.5	1.8
15	256QAM	36	39	15.84	16.05	15.95		
15	256QAM	75	0	16.04	16.01	16.05		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.88	17.91	17.85		
10	QPSK	1	25	17.82	17.81	17.81	19.3	0
10	QPSK	1	49	17.83	17.85	17.74		
10	QPSK	25	0	17.73	17.96	17.84		
10	QPSK	25	12	17.67	17.75	17.81	19.3	0
10	QPSK	25	25	17.67	17.77	17.76		
10	QPSK	50	0	17.89	17.94	17.85		
10	16QAM	1	0	17.87	17.83	17.78		
10	16QAM	1	25	17.66	17.71	17.73	19.3	0
10	16QAM	1	49	17.72	17.68	17.67		
10	16QAM	25	0	17.63	17.78	17.74		
10	16QAM	25	12	17.58	17.66	17.80	19.3	0
10	16QAM	25	25	17.58	17.79	17.77		
10	16QAM	50	0	17.79	17.90	17.64		
10	64QAM	1	0	17.80	17.88	17.85		
10	64QAM	1	25	17.57	17.80	17.73	19.3	0
10	64QAM	1	49	17.77	17.68	17.73		
10	64QAM	25	0	17.65	17.80	17.73		
10	64QAM	25	12	17.73	17.64	17.77	19.3	0
10	64QAM	25	25	17.70	17.76	17.73		
10	64QAM	50	0	17.70	17.78	17.73		
10	256QAM	1	0	16.14	16.09	16.13		
10	256QAM	1	25	15.93	16.02	16.06	17.5	1.8
10	256QAM	1	49	15.92	15.95	15.94		
10	256QAM	25	0	15.94	16.03	16.02		
10	256QAM	25	12	15.87	15.92	15.90	17.5	1.8
10	256QAM	25	25	15.91	16.09	15.95		
10	256QAM	50	0	16.09	16.07	16.00		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.85	18.01	17.94		
5	QPSK	1	12	17.81	17.78	17.84	19.3	0
5	QPSK	1	24	17.83	17.76	17.68		
5	QPSK	12	0	17.67	17.96	17.79		
5	QPSK	12	7	17.75	17.83	17.79	19.3	0
5	QPSK	12	13	17.73	17.80	17.85		
5	QPSK	25	0	17.86	17.95	17.85		
5	16QAM	1	0	17.84	17.88	17.80		
5	16QAM	1	12	17.70	17.67	17.67	19.3	0
5	16QAM	1	24	17.68	17.67	17.69		
5	16QAM	12	0	17.67	17.79	17.76		
5	16QAM	12	7	17.64	17.72	17.84	19.3	0
5	16QAM	12	13	17.59	17.73	17.71		
5	16QAM	25	0	17.82	17.82	17.72		
5	64QAM	1	0	17.82	17.95	17.80		
5	64QAM	1	12	17.56	17.80	17.77	19.3	0
5	64QAM	1	24	17.78	17.68	17.69		
5	64QAM	12	0	17.70	17.91	17.71		
5	64QAM	12	7	17.69	17.59	17.72	19.3	0
5	64QAM	12	13	17.74	17.72	17.71		
5	64QAM	25	0	17.78	17.74	17.75		
5	256QAM	1	0	16.12	16.12	16.16		
5	256QAM	1	12	15.96	16.01	16.00	17.5	1.8
5	256QAM	1	24	15.96	16.01	15.91		
5	256QAM	12	0	15.96	16.05	16.00		
5	256QAM	12	7	15.85	15.94	15.94	17.5	1.8
5	256QAM	12	13	15.85	16.14	15.97		
5	256QAM	25	0	16.10	16.03	15.99		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.81	17.93	17.97		
3	QPSK	1	8	17.75	17.79	17.86	19.3	0
3	QPSK	1	14	17.80	17.78	17.69		
3	QPSK	8	0	17.67	17.93	17.81		
3	QPSK	8	4	17.71	17.73	17.78	19.3	0
3	QPSK	8	7	17.71	17.85	17.78		
3	QPSK	15	0	17.83	17.84	17.84		
3	16QAM	1	0	17.88	17.81	17.87		
3	16QAM	1	8	17.75	17.70	17.75	19.3	0
3	16QAM	1	14	17.62	17.64	17.68		
3	16QAM	8	0	17.56	17.76	17.70		
3	16QAM	8	4	17.58	17.71	17.88	19.3	0
3	16QAM	8	7	17.56	17.77	17.74		
3	16QAM	15	0	17.75	17.82	17.64		
3	64QAM	1	0	17.82	17.88	17.77		
3	64QAM	1	8	17.61	17.89	17.74	19.3	0
3	64QAM	1	14	17.81	17.60	17.65		
3	64QAM	8	0	17.61	17.90	17.70		
3	64QAM	8	4	17.78	17.64	17.76	19.3	0
3	64QAM	8	7	17.74	17.73	17.73		
3	64QAM	15	0	17.75	17.79	17.73		
3	256QAM	1	0	16.15	16.13	16.19		
3	256QAM	1	8	15.93	16.04	16.06	17.5	1.8
3	256QAM	1	14	16.03	16.01	15.96		
3	256QAM	8	0	15.89	16.03	16.11		
3	256QAM	8	4	15.88	15.91	15.92	17.5	1.8
3	256QAM	8	7	15.83	16.13	16.01		
3	256QAM	15	0	16.03	16.00	15.99		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.82	18.01	17.96		
1.4	QPSK	1	3	17.78	17.84	17.86		
1.4	QPSK	1	5	17.77	17.77	17.74	19.3	0
1.4	QPSK	3	0	17.71	17.86	17.84		
1.4	QPSK	3	1	17.69	17.75	17.81		
1.4	QPSK	3	3	17.64	17.80	17.78		
1.4	QPSK	6	0	17.93	17.91	17.88	19.3	0
1.4	16QAM	1	0	17.93	17.83	17.85		
1.4	16QAM	1	3	17.68	17.63	17.68		
1.4	16QAM	1	5	17.70	17.64	17.66	19.3	0
1.4	16QAM	3	0	17.56	17.83	17.78		
1.4	16QAM	3	1	17.66	17.61	17.81		
1.4	16QAM	3	3	17.53	17.69	17.74		
1.4	16QAM	6	0	17.76	17.89	17.69	19.3	0
1.4	64QAM	1	0	17.89	17.95	17.87		
1.4	64QAM	1	3	17.61	17.78	17.76		
1.4	64QAM	1	5	17.80	17.60	17.64	19.3	0
1.4	64QAM	3	0	17.62	17.82	17.70		
1.4	64QAM	3	1	17.74	17.68	17.79		
1.4	64QAM	3	3	17.74	17.76	17.72		
1.4	64QAM	6	0	17.77	17.81	17.69	19.3	0
1.4	256QAM	1	0	16.20	16.16	16.14		
1.4	256QAM	1	3	15.86	16.05	16.03		
1.4	256QAM	1	5	15.98	15.99	15.97	17.5	1.8
1.4	256QAM	3	0	15.94	16.03	16.10		
1.4	256QAM	3	1	15.82	15.94	15.93		
1.4	256QAM	3	3	15.85	16.06	15.95		
1.4	256QAM	6	0	16.13	16.05	15.97	17.5	1.8

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.65	22.70	22.61		
10	QPSK	1	25	22.60	22.58	22.49	24	0
10	QPSK	1	49	22.62	22.66	22.54		
10	QPSK	25	0	21.64	21.69	21.67		
10	QPSK	25	12	21.64	21.58	21.43	23	1
10	QPSK	25	25	21.63	21.64	21.56		
10	QPSK	50	0	21.63	21.67	21.65		
10	16QAM	1	0	21.51	21.59	21.61		
10	16QAM	1	25	21.56	21.46	21.34	23	1
10	16QAM	1	49	21.54	21.50	21.52		
10	16QAM	25	0	20.68	20.74	20.73		
10	16Q

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.48	22.50	22.46	24	0
10	QPSK	1	25	22.40	22.44	22.35		
10	QPSK	1	49	22.38	22.39	22.41		
10	QPSK	25	0	21.46	21.52	21.48	23	1
10	QPSK	25	12	21.36	21.46	21.40		
10	QPSK	25	25	21.40	21.40	21.44		
10	QPSK	50	0	21.45	21.49	21.47		
10	16QAM	1	0	21.36	21.47	21.41	23	1
10	16QAM	1	25	21.31	21.35	21.37		
10	16QAM	1	49	21.30	21.33	21.40		
10	16QAM	25	0	20.40	20.53	20.43	22	2
10	16QAM	25	12	20.40	20.42	20.41		
10	16QAM	25	25	20.46	20.43	20.45		
10	16QAM	50	0	20.48	20.46	20.49		
10	64QAM	1	0	20.40	20.46	20.38	22	2
10	64QAM	1	25	20.26	20.39	20.37		
10	64QAM	1	49	20.28	20.27	20.42		
10	64QAM	25	0	19.45	19.52	19.51	21	3
10	64QAM	25	12	19.40	19.51	19.34		
10	64QAM	25	25	19.36	19.39	19.41		
10	64QAM	50	0	19.46	19.51	19.43		
10	256QAM	1	0	17.51	17.54	17.53	19	5
10	256QAM	1	25	17.30	17.41	17.40		
10	256QAM	1	49	17.36	17.39	17.45		
10	256QAM	25	0	17.48	17.47	17.53	19	5
10	256QAM	25	12	17.38	17.42	17.39		
10	256QAM	25	25	17.25	17.37	17.41		
10	256QAM	50	0	17.24	17.33	17.36		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.34	22.43	22.41	24	0
5	QPSK	1	12	22.34	22.34	22.22		
5	QPSK	1	24	22.25	22.27	22.36		
5	QPSK	12	0	21.38	21.45	21.34	23	1
5	QPSK	12	7	21.25	21.40	21.28		
5	QPSK	12	13	21.26	21.35	21.31		
5	QPSK	25	0	21.32	21.42	21.38		
5	16QAM	1	0	21.22	21.41	21.29	23	1
5	16QAM	1	12	21.19	21.30	21.32		
5	16QAM	1	24	21.25	21.29	21.30		
5	16QAM	12	0	20.37	20.48	20.35	22	2
5	16QAM	12	7	20.27	20.29	20.30		
5	16QAM	12	13	20.33	20.37	20.38		
5	16QAM	25	0	20.45	20.34	20.36		
5	64QAM	1	0	20.25	20.40	20.33	22	2
5	64QAM	1	12	20.22	20.24	20.34		
5	64QAM	1	24	20.18	20.13	20.30		
5	64QAM	12	0	19.39	19.45	19.44	21	3
5	64QAM	12	7	19.37	19.46	19.19		
5	64QAM	12	13	19.29	19.26	19.36		
5	64QAM	25	0	19.35	19.45	19.31		
5	256QAM	1	0	17.44	17.50	17.49	19	5
5	256QAM	1	12	17.17	17.32	17.26		
5	256QAM	1	24	17.32	17.28	17.39		
5	256QAM	12	0	17.36	17.42	17.41	19	5
5	256QAM	12	7	17.26	17.30	17.35		
5	256QAM	12	13	17.11	17.26	17.35		
5	256QAM	25	0	17.14	17.19	17.21		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.39	22.36	22.32	24	0
3	QPSK	1	8	22.31	22.37	22.23		
3	QPSK	1	14	22.25	22.24	22.37		
3	QPSK	8	0	21.42	21.39	21.35	23	1
3	QPSK	8	4	21.22	21.39	21.27		
3	QPSK	8	7	21.29	21.33	21.41		
3	QPSK	15	0	21.41	21.35	21.38		
3	16QAM	1	0	21.28	21.35	21.30	23	1
3	16QAM	1	8	21.23	21.24	21.23		
3	16QAM	1	14	21.16	21.21	21.31		
3	16QAM	8	0	20.32	20.43	20.38	22	2
3	16QAM	8	4	20.30	20.27	20.33		
3	16QAM	8	7	20.41	20.34	20.36		
3	16QAM	15	0	20.36	20.32	20.35		
3	64QAM	1	0	20.34	20.41	20.30	22	2
3	64QAM	1	8	20.18	20.32	20.27		
3	64QAM	1	14	20.17	20.24	20.29		
3	64QAM	8	0	19.35	19.45	19.42	21	3
3	64QAM	8	4	19.35	19.45	19.20		
3	64QAM	8	7	19.32	19.35	19.37		
3	64QAM	15	0	19.41	19.47	19.35		
3	256QAM	1	0	17.39	17.41	17.44	19	5
3	256QAM	1	8	17.21	17.31	17.33		
3	256QAM	1	14	17.23	17.25	17.31		
3	256QAM	8	0	17.43	17.35	17.38	19	5
3	256QAM	8	4	17.34	17.36	17.28		
3	256QAM	8	7	17.18	17.27	17.29		
3	256QAM	15	0	17.19	17.20	17.24		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.39	22.37	22.35	24	0
1.4	QPSK	1	3	22.31	22.41	22.25		
1.4	QPSK	1	5	22.34	22.24	22.38		
1.4	QPSK	3	0	22.34	22.24	22.24		
1.4	QPSK	3	1	22.17	22.27	22.11		
1.4	QPSK	3	3	22.28	22.10	22.33		
1.4	QPSK	6	0	21.35	21.44	21.35	23	1
1.4	16QAM	1	0	21.28	21.39	21.30	23	1
1.4	16QAM	1	3	21.18	21.23	21.30		
1.4	16QAM	1	5	21.21	21.26	21.35		
1.4	16QAM	3	0	21.31	21.34	21.24		
1.4	16QAM	3	1	21.19	21.26	21.20		
1.4	16QAM	3	3	21.10	21.17	21.18		
1.4	16QAM	6	0	20.34	20.37	20.39	22	2
1.4	64QAM	1	0	20.30	20.35	20.28	22	2
1.4	64QAM	1	3	20.15	20.33	20.32		
1.4	64QAM	1	5	20.15	20.20	20.36		
1.4	64QAM	3	0	20.21	20.25	20.33		
1.4	64QAM	3	1	20.20	20.27	20.21		
1.4	64QAM	3	3	20.11	20.18	20.25		
1.4	64QAM	6	0	19.34	19.39	19.30	21	3
1.4	256QAM	1	0	17.39	17.50	17.39	19	5
1.4	256QAM	1	3	17.17	17.31	17.36		
1.4	256QAM	1	5	17.30	17.28	17.36		
1.4	256QAM	3	0	17.33	17.41	17.44		
1.4	256QAM	3	1	17.32	17.28	17.26		
1.4	256QAM	3	3	17.13	17.31	17.31		
1.4	256QAM	6	0	17.16	17.28	17.29	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.43		24	0
10	QPSK	1	25		22.40			
10	QPSK	1	49		22.38			
10	QPSK	25	0		21.48		23	1
10	QPSK	25	12		21.46			
10	QPSK	25	25		21.34			
10	QPSK	50	0		21.46			
10	16QAM	1	0		21.39		23	1
10	16QAM	1	25		21.44			
10	16QAM	1	49		21.24			
10	16QAM	25	0		20.51		22	2
10	16QAM	25	12		20.43			
10	16QAM	25	25		20.39			
10	16QAM	50	0		20.43			
10	64QAM	1	0		20.43		22	2
10	64QAM	1	25		20.40			
10	64QAM	1	49		20.21			
10	64QAM	25	0		19.47		21	3
10	64QAM	25	12		19.48			
10	64QAM	25	25		19.38			
10	64QAM	50	0		19.49			
10	256QAM	1	0		17.45		19	5
10	256QAM	1	25		17.44			
10	256QAM	1	49		17.39			
10	256QAM	25	0		17.45		19	5
10	256QAM	25	12		17.39			
10	256QAM	25	25		17.39			
10	256QAM	50	0		17.26			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.32	22.34	22.33	24	0
5	QPSK	1	12	22.32	22.36	22.32		
5	QPSK	1	24	22.30	22.24	22.35		
5	QPSK	12	0	21.39	21.44	21.35	23	1
5	QPSK	12	7	21.37	21.40	21.36		
5	QPSK	12	13	21.25	21.21	21.21		
5	QPSK	25	0	21.42	21.42	21.39		
5	16QAM	1	0	21.34	21.24	21.31	23	1
5	16QAM	1	12	21.34	21.39	21.37		
5	16QAM	1	24	21.18	21.12	21.20		
5	16QAM	12	0	20.39	20.45	20.39	22	2
5	16QAM	12	7	20.39	20.40	20.39		
5	16QAM	12	13	20.30	20.30	20.26		
5	16QAM	25	0	20.34	20.28	20.32		
5	64QAM	1	0	20.36	20.38	20.33	22	2
5	64QAM	1	12	20.28	20.37	20.28		
5	64QAM	1	24	20.14	20.08	20.16		
5	64QAM	12	0	19.40	19.44	19.36	21	3
5	64QAM	12	7	19.38	19.38	19.42		
5	64QAM	12	13	19.32	19.24	19.29		
5	64QAM	25	0	19.45	19.42	19.44		
5	256QAM	1	0	17.35	17.40	17.41	19	5
5	256QAM	1	12	17.37	17.41	17.33		
5	256QAM	1	24	17.36	17.31	17.28		
5	256QAM	12	0	17.33	17.34	17.39	19	5
5	256QAM	12	7	17.26	17.28	17.31		
5	256QAM	12	13	17.36	17.36	17.25		
5	256QAM	25	0	17.12	17.11	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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.34	22.38	22.33	24	0
10	QPSK	1	25	22.32	22.35	22.25		
10	QPSK	1	49	22.30	22.26	22.28		
10	QPSK	25	0	21.35	21.45	21.37	23	1
10	QPSK	25	12	21.30	21.39	21.31		
10	QPSK	25	25	21.33	21.33	21.30		
10	QPSK	50	0	21.31	21.37	21.35		
10	16QAM	1	0	21.29	21.41	21.29	23	1
10	16QAM	1	25	21.24	21.25	21.27		
10	16QAM	1	49	21.23	21.30	21.31		
10	16QAM	25	0	20.37	20.47	20.35	22	2
10	16QAM	25	12	20.27	20.37	20.38		
10	16QAM	25	25	20.38	20.39	20.34		
10	16QAM	50	0	20.35	20.34	20.45		
10	64QAM	1	0	20.28	20.43	20.26	22	2
10	64QAM	1	25	20.17	20.32	20.25		
10	64QAM	1	49	20.15	20.21	20.35		
10	64QAM	25	0	19.41	19.45	19.44	21	3
10	64QAM	25	12	19.35	19.45	19.30		
10	64QAM	25	25	19.30	19.34	19.32		
10	64QAM	50	0	19.40	19.48	19.32		
10	256QAM	1	0	17.47	17.50	17.49	19	5
10	256QAM	1	25	17.24	17.37	17.27		
10	256QAM	1	49	17.32	17.34	17.31		
10	256QAM	25	0	17.43	17.38	17.47	19	5
10	256QAM	25	12	17.26	17.35	17.28		
10	256QAM	25	25	17.11	17.25	17.27		
10	256QAM	50	0	17.17	17.25	17.29		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.31	22.35	22.28	24	0
5	QPSK	1	12	22.23	22.25	22.11		
5	QPSK	1	24	22.18	22.18	22.20		
5	QPSK	12	0	21.28	21.39	21.34	23	1
5	QPSK	12	7	21.21	21.25	21.24		
5	QPSK	12	13	21.27	21.20	21.16		
5	QPSK	25	0	21.17	21.27	21.30		
5	16QAM	1	0	21.16	21.27	21.22	23	1
5	16QAM	1	12	21.15	21.20	21.22		
5	16QAM	1	24	21.13	21.20	21.25		
5	16QAM	12	0	20.28	20.42	20.20	22	2
5	16QAM	12	7	20.19	20.26	20.32		
5	16QAM	12	13	20.33	20.33	20.23		
5	16QAM	25	0	20.23	20.21	20.35		
5	64QAM	1	0	20.16	20.29	20.16	22	2
5	64QAM	1	12	20.13	20.29	20.17		
5	64QAM	1	24	20.06	20.11	20.28		
5	64QAM	12	0	19.38	19.36	19.34	21	3
5	64QAM	12	7	19.23	19.30	19.22		
5	64QAM	12	13	19.21	19.20	19.27		
5	64QAM	25	0	19.30	19.36	19.19		
5	256QAM	1	0	17.39	17.41	17.35	19	5
5	256QAM	1	12	17.14	17.31	17.22		
5	256QAM	1	24	17.21	17.21	17.18		
5	256QAM	12	0	17.36	17.30	17.33	19	5
5	256QAM	12	7	17.20	17.24	17.17		
5	256QAM	12	13	17.02	17.15	17.20		
5	256QAM	25	0	17.11	17.12	17.18		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.71	22.77	22.61	24	0
15	QPSK	1	37	22.70	22.67	22.49		
15	QPSK	1	74	22.70	22.75	22.56		
15	QPSK	36	0	21.69	21.80	21.67	23	1
15	QPSK	36	20	21.72	21.67	21.46		
15	QPSK	36	39	21.64	21.70	21.65		
15	QPSK	75	0	21.63	21.76	21.74		
15	16QAM	1	0	21.56	21.59	21.62	23	1
15	16QAM	1	37	21.57	21.50	21.38		
15	16QAM	1	74	21.64	21.53	21.59		
15	16QAM	36	0	20.68	20.79	20.82	22	2
15	16QAM	36	20	20.68	20.70	20.54		
15	16QAM	36	39	20.61	20.67	20.65		
15	16QAM	75	0	20.76	20.76	20.62		
15	64QAM	1	0	20.56	20.71	20.67	22	2
15	64QAM	1	37	20.57	20.46	20.29		
15	64QAM	1	74	20.53	20.55	20.57		
15	64QAM	36	0	19.70	19.77	19.67	21	3
15	64QAM	36	20	19.78	19.71	19.46		
15	64QAM	36	39	19.75	19.72	19.53		
15	64QAM	75	0	19.68	19.76	19.78		
15	256QAM	1	0	17.78	17.82	17.72	19	5
15	256QAM	1	37	17.74	17.59	17.51		
15	256QAM	1	74	17.71	17.58	17.68		
15	256QAM	36	0	17.78	17.78	17.73	19	5
15	256QAM	36	20	17.49	17.59	17.58		
15	256QAM	36	39	17.66	17.45	17.30		
15	256QAM	75	0	17.55	17.51	17.52		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.56	22.67	22.55	24	0
10	QPSK	1	25	22.58	22.64	22.39		
10	QPSK	1	49	22.62	22.66	22.47		
10	QPSK	25	0	21.58	21.65	21.58	23	1
10	QPSK	25	12	21.62	21.59	21.37		
10	QPSK	25	25	21.49	21.57	21.57		
10	QPSK	50	0	21.49	21.64	21.69		
10	16QAM	1	0	21.50	21.48	21.49	23	1
10	16QAM	1	25	21.47	21.42	21.29		
10	16QAM	1	49	21.61	21.47	21.51		
10	16QAM	25	0	20.59	20.69	20.73	22	2
10	16QAM	25	12	20.56	20.55	20.43		
10	16QAM	25	25	20.51	20.55	20.61		
10	16QAM	50	0	20.62	20.66	20.57		
10	64QAM	1	0	20.43	20.66	20.56	22	2
10	64QAM	1	25	20.47	20.35	20.22		
10	64QAM	1	49	20.45	20.47	20.51		
10	64QAM	25	0	19.57	19.71	19.52	21	3
10	64QAM	25	12	19.66	19.64	19.31		
10	64QAM	25	25	19.70	19.69	19.48		
10	64QAM	50	0	19.61	19.68	19.64		
10	256QAM	1	0	17.74	17.67	17.65	19	5
10	256QAM	1	25	17.61	17.51	17.42		
10	256QAM	1	49	17.58	17.49	17.57		
10	256QAM	25	0	17.66	17.63	17.60	19	5
10	256QAM	25	12	17.39	17.46	17.45		
10	256QAM	25	25	17.52	17.36	17.18		
10	256QAM	50	0	17.51	17.42	17.39		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.66	22.66	22.48	24	0
5	QPSK	1	12	22.62	22.57	22.37		
5	QPSK	1	24	22.59	22.65	22.41		
5	QPSK	12	0	21.64	21.69	21.54	23	1
5	QPSK	12	7	21.69	21.61	21.40		
5	QPSK	12	13	21.51	21.58	21.50		
5	QPSK	25	0	21.60	21.67	21.71		
5	16QAM	1	0	21.51	21.45	21.55	23	1
5	16QAM	1	12	21.51	21.37	21.28		
5	16QAM	1	24	21.52	21.42	21.55		
5	16QAM	12	0	20.57	20.65	20.78	22	2
5	16QAM	12	7	20.58	20.62	20.42		
5	16QAM	12	13	20.53	20.60	20.61		
5	16QAM	25	0	20.62	20.72	20.54		
5	64QAM	1	0	20.46	20.64	20.62	22	2
5	64QAM	1	12	20.49	20.32	20.26		
5	64QAM	1	24	20.45	20.46	20.51		
5	64QAM	12	0	19.63	19.67	19.54	21	3
5	64QAM	12	7	19.71	19.64	19.34		
5	64QAM	12	13	19.64	19.59	19.41		
5	64QAM	25	0	19.58	19.71	19.70		
5	256QAM	1	0	17.66	17.69	17.69	19	5
5	256QAM	1	12	17.66	17.47	17.38		
5	256QAM	1	24	17.57	17.51	17.55		
5	256QAM	12	0	17.70	17.65	17.63	19	5
5	256QAM	12	7	17.46	17.47	17.50		
5	256QAM	12	13	17.59	17.39	17.25		
5	256QAM	25	0	17.43	17.47	17.39		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.59	22.70	22.49	24	0
3	QPSK	1	8	22.65	22.62	22.35		
3	QPSK	1	14	22.58	22.71	22.42		
3	QPSK	8	0	21.54	21.68	21.63	23	1
3	QPSK	8	4	21.66	21.64	21.38		
3	QPSK	8	7	21.56	21.57	21.56		
3	QPSK	15	0	21.50	21.65	21.64		
3	16QAM	1	0	21.44	21.52	21.56	23	1
3	16QAM	1	8	21.52	21.42	21.33		
3	16QAM	1	14	21.51	21.40	21.44		
3	16QAM	8	0	20.58	20.72	20.71	22	2
3	16QAM	8	4	20.55	20.57	20.51		
3	16QAM	8	7	20.55	20.53	20.55		
3	16QAM	15	0	20.62	20.64	20.57		
3	64QAM	1	0	20.44	20.67	20.57	22	2
3	64QAM	1	8	20.53	20.40	20.21		
3	64QAM	1	14	20.46	20.50	20.52		
3	64QAM	8	0	19.63	19.70	19.59	21	3
3	64QAM	8	4	19.68	19.64	19.36		
3	64QAM	8	7	19.62	19.57	19.49		
3	64QAM	15	0	19.64	19.62	19.67		
3	256QAM	1	0	17.74	17.72	17.61	19	5
3	256QAM	1	8	17.63	17.55	17.45		
3	256QAM	1	14	17.63	17.48	17.65		
3	256QAM	8	0	17.69	17.67	17.63	19	5
3	256QAM	8	4	17.42	17.47	17.50		
3	256QAM	8	7	17.60	17.37	17.24		
3	256QAM	15	0	17.41	17.42	17.44		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.62	22.64	22.47	24	0
1.4	QPSK	1	3	22.62	22.57	22.44		
1.4	QPSK	1	5	22.59	22.61	22.50		
1.4	QPSK	3	0	22.53	22.51	22.39		
1.4	QPSK	3	1	22.55	22.48	22.38		
1.4	QPSK	3	3	22.55	22.53	22.42		
1.4	QPSK	6	0	21.48	21.67	21.59	23	1
1.4	16QAM	1	0	21.52	21.55	21.50	23	1
1.4	16QAM	1	3	21.42	21.36	21.27		
1.4	16QAM	1	5	21.52	21.47	21.45		
1.4	16QAM	3	0	21.41	21.63	21.53		
1.4	16QAM	3	1	21.41	21.48	21.46		
1.4	16QAM	3	3	21.28	21.29	21.20		
1.4	16QAM	6	0	20.61	20.71	20.51	22	2
1.4	64QAM	1	0	20.42	20.64	20.55	22	2
1.4	64QAM	1	3	20.49	20.35	20.24		
1.4	64QAM	1	5	20.39	20.52	20.51		
1.4	64QAM	3	0	20.50	20.61	20.41		
1.4	64QAM	3	1	20.32	20.59	20.42		
1.4	64QAM	3	3	20.41	20.28	20.21		
1.4	64QAM	6	0	19.54	19.62	19.74	21	3
1.4	256QAM	1	0	17.74	17.74	17.63	19	5
1.4	256QAM	1	3	17.69	17.51	17.44		
1.4	256QAM	1	5	17.61	17.51	17.53		
1.4	256QAM	3	0	17.64	17.65	17.70		
1.4	256QAM	3	1	17.44	17.55	17.45		
1.4	256QAM	3	3	17.63	17.34	17.47		
1.4	256QAM	6	0	17.51	17.43	17.42	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.04	18.10	18.06	19.3	0
20	QPSK	1	49	17.89	18.00	17.94		
20	QPSK	1	99	17.91	17.92	17.91		
20	QPSK	50	0	17.90	18.05	17.97	19.3	0
20	QPSK	50	24	17.85	17.89	17.96		
20	QPSK	50	50	17.84	17.99	17.91		
20	QPSK	100	0	18.00	18.02	17.96		
20	16QAM	1	0	18.02	17.99	18.05	19.3	0
20	16QAM	1	49	17.87	17.90	17.89		
20	16QAM	1	99	17.81	17.81	17.82		
20	16QAM	50	0	17.82	18.01	17.96	19.3	0
20	16QAM	50	24	17.84	17.83	17.95		
20	16QAM	50	50	17.76	17.91	17.88		
20	16QAM	100	0	17.99	17.98	17.90		
20	64QAM	1	0	17.96	18.08	18.02	19.3	0
20	64QAM	1	49	17.78	17.95	17.94		
20	64QAM	1	99	17.89	17.85	17.85		
20	64QAM	50	0	17.80	18.03	17.90	19.3	0
20	64QAM	50	24	17.84	17.79	17.86		
20	64QAM	50	50	17.82	17.89	17.91		
20	64QAM	100	0	17.94	17.96	17.87		
20	256QAM	1	0	16.26	16.28	16.28	17.5	1.8
20	256QAM	1	49	16.04	16.23	16.13		
20	256QAM	1	99	16.09	16.11	16.16		
20	256QAM	50	0	16.08	16.24	16.22	17.5	1.8
20	256QAM	50	24	16.01	16.05	16.12		
20	256QAM	50	50	16.06	16.23	16.08		
20	256QAM	100	0	16.18	16.24	16.21		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.98	18.00	17.99	19.3	0
15	QPSK	1	37	17.79	17.98	17.86		
15	QPSK	1	74	17.87	17.81	17.88		
15	QPSK	36	0	17.86	17.93	17.86	19.3	0
15	QPSK	36	20	17.83	17.87	17.93		
15	QPSK	36	39	17.80	17.90	17.82		
15	QPSK	75	0	17.93	17.94	17.91		
15	16QAM	1	0	17.98	17.96	17.92	19.3	0
15	16QAM	1	37	17.77	17.78	17.81		
15	16QAM	1	74	17.79	17.76	17.69		
15	16QAM	36	0	17.78	17.97	17.90	19.3	0
15	16QAM	36	20	17.72	17.74	17.88		
15	16QAM	36	39	17.64	17.85	17.80		
15	16QAM	75	0	17.96	17.92	17.78		
15	64QAM	1	0	17.89	18.00	17.99	19.3	0
15	64QAM	1	37	17.73	17.90	17.85		
15	64QAM	1	74	17.77	17.77	17.77		
15	64QAM	36	0	17.68	17.99	17.78	19.3	0
15	64QAM	36	20	17.78	17.97	17.82		
15	64QAM	36	39	17.77	17.86	17.79		
15	64QAM	75	0	17.89	17.89	17.78		
15	256QAM	1	0	16.20	16.18	16.21	17.5	1.8
15	256QAM	1	37	15.93	16.13	16.01		
15	256QAM	1	74	15.95	16.02	16.04		
15	256QAM	36	0	16.03	16.14	16.15	17.5	1.8
15	256QAM	36	20	15.95	15.95	16.06		
15	256QAM	36	39	15.94	16.10	15.96		
15	256QAM	75	0	16.16	16.14	16.11		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.91	17.97	17.98	19.3	0
10	QPSK	1	25	17.83	17.86	17.82		
10	QPSK	1	49	17.78	17.86	17.78		
10	QPSK	25	0	17.82	18.02	17.93	19.3	0
10	QPSK	25	12	17.82	17.81	17.89		
10	QPSK	25	25	17.70	17.88	17.83		
10	QPSK	50	0	17.92	17.99	17.83		
10	16QAM	1	0	17.96	17.88	17.96	19.3	0
10	16QAM	1	25	17.79	17.87	17.94		
10	16QAM	1	49	17.71	17.78	17.77		
10	16QAM	25	0	17.74	17.91	17.86	19.3	0
10	16QAM	25	12	17.81	17.81	17.82		
10	16QAM	25	25	17.63	17.87	17.76		
10	16QAM	50	0	17.97	17.93	17.76		
10	64QAM	1	0	17.89	17.96	17.90	19.3	0
10	64QAM	1	25	17.64	17.82	17.84		
10	64QAM	1	49	17.78	17.79	17.72		
10	64QAM	25	0	17.70	17.93	17.79	19.3	0
10	64QAM	25	12	17.81	17.67	17.78		
10	64QAM	25	25	17.68	17.84	17.88		
10	64QAM	50	0	17.86	17.94	17.78		
10	256QAM	1	0	16.18	16.21	16.20	17.5	1.8
10	256QAM	1	25	15.94	16.16	16.01		
10	256QAM	1	49	16.06	16.06	16.07		
10	256QAM	25	0	15.97	16.14	16.17	17.5	1.8
10	256QAM	25	12	15.95	15.99	16.07		
10	256QAM	25	25	15.96	16.20	16.00		
10	256QAM	50	0	16.11	16.12	16.12		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.93	18.00	18.03	19.3	0
5	QPSK	1	12	17.77	17.93	17.87		
5	QPSK	1	24	17.85	17.83	17.79		
5	QPSK	12	0	17.78	17.93	17.85	19.3	0
5	QPSK	12	7	17.77	17.81	17.84		
5	QPSK	12	13	17.74	17.89	17.81		
5	QPSK	25	0	17.88	17.91	17.94		
5	16QAM	1	0	17.92	17.86	18.02	19.3	0
5	16QAM	1	12	17.80	17.80	17.80		
5	16QAM	1	24	17.70	17.68	17.72		
5	16QAM	12	0	17.73	17.88	17.92	19.3	0
5	16QAM	12	7	17.81	17.77	17.85		
5	16QAM	12	13	17.71	17.82	17.85		
5	16QAM	25	0	17.90	17.95	17.82		
5	64QAM	1	0	17.89	17.94	17.98	19.3	0
5	64QAM	1	12	17.73	17.86	17.92		
5	64QAM	1	24	17.84	17.79	17.82		
5	64QAM	12	0	17.72	17.93	17.79	19.3	0
5	64QAM	12	7	17.71	17.73	17.78		
5	64QAM	12	13	17.74	17.79	17.79		
5	64QAM	25	0	17.91	17.94	17.78		
5	256QAM	1	0	16.23	16.21	16.19	17.5	1.8
5	256QAM	1	12	15.99	16.14	16.01		
5	256QAM	1	24	16.03	16.00	16.05		
5	256QAM	12	0	16.04	16.17	16.12	17.5	1.8
5	256QAM	12	7	15.93	15.99	16.07		
5	256QAM	12	13	16.02	16.20	16.05		
5	256QAM	25	0	16.15	16.11	16.18		
Channel				131867	132322	132777	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.94	17.97	17.96	19.3	0
3	QPSK	1	8	17.84	17.97	17.81		
3	QPSK	1	14	17.79	17.80	17.88		
3	QPSK	8	0	17.84	17.99	17.90	19.3	0
3	QPSK	8	4	17.77	17.79	17.85		
3	QPSK	8	7	17.78	17.88	17.87		
3	QPSK	15	0	17.87	17.88	17.91		
3	16QAM	1	0	17.97	17.90	18.02	19.3	0
3	16QAM	1	8	17.74	17.80	17.80		
3	16QAM	1	14	17.68	17.76	17.79		
3	16QAM	8	0	17.79	17.98	17.89	19.3	0
3	16QAM	8	4	17.81	17.76	17.92		
3	16QAM	8	7	17.66	17.78	17.79		
3	16QAM	15	0	17.88	17.96	17.80		
3	64QAM	1	0	17.93	18.04	17.93	19.3	0
3	64QAM	1	8	17.67	17.90	17.84		
3	64QAM	1	14	17.79	17.78	17.80		
3	64QAM	8	0	17.70	18.00	17.84	19.3	0
3	64QAM	8	4	17.79	17.71	17.80		
3	64QAM	8	7	17.68	17.76	17.78		
3	64QAM	15	0	17.88	17.88	17.84		
3	256QAM	1	0	16.19	16.21	16.14	17.5	1.8
3	256QAM	1	8	15.96	16.19	16.08		
3	256QAM	1	14	16.00	16.05	16.06		
3	256QAM	8	0	16.02	16.11	16.19	17.5	1.8
3	256QAM	8	4	15.97	16.00	16.10		
3	256QAM	8	7	15.95	16.20	16.04		
3	256QAM	15	0	16.06	16.19	16.18		
Channel				131879	132322	132865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.93	18.06	18.01	19.3	0
1.4	QPSK	1	3	17.79	17.97	17.89		
1.4	QPSK	1	5	17.82	17.88	17.79		
1.4	QPSK	3	0	17.85	17.95	17.92		
1.4	QPSK	3	1	17.79	17.86	17.88		
1.4	QPSK	3	3	17.79	17.91	17.78		
1.4	QPSK	6	0	17.95	17.92	17.87	19.3	0
1.4	16QAM	1	0	17.96	17.97	17.96	19.3	0
1.4	16QAM	1	3	17.84	17.76	17.81		
1.4	16QAM	1	5	17.75	17.73	17.77		
1.4	16QAM	3	0	17.75	17.92	17.87		
1.4	16QAM	3	1	17.81	17.89	17.90		
1.4	16QAM	3	3	17.68	17.88	17.82		
1.4	16QAM	6	0	17.89	17.92	17.80	19.3	0
1.4	64QAM	1	0	17.91	17.97	17.97	19.3	0
1.4	64QAM	1	3	17.72	17.85	17.84		
1.4	64QAM	1	5	17.85	17.80	17.83		
1.4	64QAM	3	0	17.67	18.00	17.87		
1.4	64QAM	3	1	17.78	17.69	17.79		
1.4	64QAM	3	3	17.76	17.92	17.88		
1.4	64QAM	6	0	17.81	17.92	17.76	19.3	0
1.4	256QAM	1	0	16.15	16.16	16.16	17.5	1.8
1.4	256QAM	1	3	15.98	16.11	16.04		
1.4	256QAM	1	5	16.03	16.02	16.08		
1.4	256QAM	3	0	15.95	16.20	16.09		
1.4	256QAM	3	1	15.95	16.03	16.01		
1.4	256QAM	3	3	15.97	16.16	16.06		
1.4	256QAM	6	0	16.08	16.19	16.13	17.5	1.8

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BW [MHz]	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	19.23	19.37	19.22	20.5	0
20	QPSK	1	49	19.18	19.11	19.20		
20	QPSK	1	99	19.18	19.13	19.17		
20	QPSK	50	0	19.19	19.27	19.26		
20	QPSK	50	24	19.16	19.22	19.13		
20	QPSK	50	50	19.11	19.24	19.17		
20	QPSK	100	0	19.18	19.24	19.19		
20	16QAM	1	0	19.12	19.22	19.24		
20	16QAM	1	49	19.08	19.05	19.13		
20	16QAM	1	99	19.09	19.10	19.13		
20	16QAM	50	0	19.12	19.26	19.22		
20	16QAM	50	24	19.13	19.09	18.99		
20	16QAM	50	50	19.18	19.14	19.13		
20	16QAM	100	0	19.16	19.20	19.10		
20	64QAM	1	0	19.28	19.21	19.20		
20	64QAM	1	49	19.08	19.12	19.10		
20	64QAM	1	99	19.02	19.08	19.09		
20	64QAM	50	0	18.79	18.87	18.69		
20	64QAM	50	24	18.89	18.64	18.68		
20	64QAM	50	50	18.60	18.58	18.65		
20	64QAM	100	0	18.75	18.85	18.76		
20	256QAM	1	0	16.75	16.88	16.70		
20	256QAM	1	49	16.74	16.72	16.60		
20	256QAM	1	99	16.58	16.68	16.76		
20	256QAM	50	0	16.76	16.76	16.67		
20	256QAM	50	24	16.68	16.70	16.56		
20	256QAM	50	50	16.67	16.73	16.69		
20	256QAM	100	0	16.71	16.71	16.73		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.13	19.27	19.20	20.5	0
15	QPSK	1	37	19.11	19.06	19.11		
15	QPSK	1	74	19.17	19.03	19.14		
15	QPSK	36	0	19.10	19.23	19.21		
15	QPSK	36	20	19.09	19.16	19.02		
15	QPSK	36	39	19.03	19.14	19.11		
15	QPSK	75	0	19.13	19.21	19.11		
15	16QAM	1	0	19.11	19.16	19.13		
15	16QAM	1	37	19.03	18.96	19.05		
15	16QAM	1	74	18.99	18.99	19.08		
15	16QAM	36	0	19.08	19.21	19.21		
15	16QAM	36	20	19.06	19.04	18.98		
15	16QAM	36	39	19.11	19.05	19.09		
15	16QAM	75	0	19.04	19.09	19.00		
15	64QAM	1	0	19.18	19.17	19.18		
15	64QAM	1	37	19.01	19.02	19.04		
15	64QAM	1	74	19.00	19.06	19.00		
15	64QAM	36	0	18.73	18.79	18.63		
15	64QAM	36	20	18.62	18.60	18.61		
15	64QAM	36	39	18.54	18.52	18.64		
15	64QAM	75	0	18.75	18.82	18.69		
15	256QAM	1	0	16.72	16.82	16.64		
15	256QAM	1	37	16.66	16.70	16.54		
15	256QAM	1	74	16.46	16.65	16.69		
15	256QAM	36	0	16.67	16.66	16.66		
15	256QAM	36	20	16.68	16.58	16.53		
15	256QAM	36	39	16.56	16.72	16.64		
15	256QAM	75	0	16.62	16.69	16.61		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.22	19.31	19.13	20.5	0
10	QPSK	1	25	19.14	19.05	19.12		
10	QPSK	1	49	19.13	19.05	19.09		
10	QPSK	25	0	19.18	19.16	19.17		
10	QPSK	25	12	19.06	19.11	19.05		
10	QPSK	25	25	19.06	19.18	19.12		
10	QPSK	50	0	19.18	19.22	19.14		
10	16QAM	1	0	19.09	19.14	19.22		
10	16QAM	1	25	18.99	18.96	19.09		
10	16QAM	1	49	19.05	19.01	19.13		
10	16QAM	25	0	19.11	19.16	19.17		
10	16QAM	25	12	19.07	19.04	18.88		
10	16QAM	25	25	19.08	19.09	19.02		
10	16QAM	50	0	19.10	19.16	19.04		
10	64QAM	1	0	19.21	19.15	19.18		
10	64QAM	1	25	19.02	19.01	19.01		
10	64QAM	1	49	18.94	19.01	19.03		
10	64QAM	25	0	18.77	18.81	18.61		
10	64QAM	25	12	18.59	18.56	18.56		
10	64QAM	25	25	18.54	18.54	18.55		
10	64QAM	50	0	18.71	18.80	18.67		
10	256QAM	1	0	16.68	16.80	16.65		
10	256QAM	1	25	16.74	16.68	16.58		
10	256QAM	1	49	16.56	16.62	16.74		
10	256QAM	25	0	16.68	16.67	16.64		
10	256QAM	25	12	16.62	16.69	16.48		
10	256QAM	25	25	16.59	16.63	16.65		
10	256QAM	50	0	16.70	16.67	16.65		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.15	19.29	19.16	20.5	0
5	QPSK	1	12	19.11	19.02	19.14		
5	QPSK	1	24	19.15	19.05	19.13		
5	QPSK	12	0	19.11	19.16	19.25		
5	QPSK	12	7	19.14	19.20	19.05		
5	QPSK	12	13	19.01	19.14	19.08		
5	QPSK	25	0	19.17	19.15	19.18		
5	16QAM	1	0	19.09	19.12	19.24		
5	16QAM	1	12	19.03	19.04	19.08		
5	16QAM	1	24	18.97	19.03	19.07		
5	16QAM	12	0	19.00	19.18	19.15		
5	16QAM	12	7	19.13	19.02	18.99		
5	16QAM	12	13	19.16	19.09	19.06		
5	16QAM	25	0	19.15	19.09	19.06		
5	64QAM	1	0	19.25	19.21	19.17		
5	64QAM	1	12	19.05	19.10	19.04		
5	64QAM	1	24	18.96	19.05	19.09		
5	64QAM	12	0	18.78	18.79	18.68		
5	64QAM	12	7	18.64	18.63	18.67		
5	64QAM	12	13	18.58	18.54	18.64		
5	64QAM	25	0	18.68	18.80	18.70		
5	256QAM	1	0	16.72	16.86	16.63		
5	256QAM	1	12	16.69	16.64	16.57		
5	256QAM	1	24	16.54	16.63	16.66		
5	256QAM	12	0	16.71	16.73	16.65		
5	256QAM	12	7	16.56	16.69	16.55		
5	256QAM	12	13	16.59	16.68	16.60		
5	256QAM	25	0	16.59	16.69	16.69		

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BW [MHz]	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	20.88	21.00	20.88	22.1	0
20	QPSK	1	49	20.89	20.76	20.82		
20	QPSK	1	99	20.83	20.84	20.84		
20	QPSK	50	0	20.80	20.97	20.80		
20	QPSK	50	24	20.88	20.85	20.78		
20	QPSK	50	50	20.74	20.79	20.76		
20	QPSK	100	0	20.89	20.93	20.90		
20	16QAM	1	0	20.79	20.83	20.97		
20	16QAM	1	49	20.87	20.71	20.82		
20	16QAM	1	99	20.68	20.72	20.70		
20	16QAM	50	0	20.84	20.89	20.86		
20	16QAM	50	24	20.82	20.72	20.84		
20	16QAM	50	50	20.79	20.72	20.70		
20	16QAM	100	0	20.79	20.78	20.74		
20	64QAM	1	0	20.95	20.88	20.89		
20	64QAM	1	49	20.77	20.70	20.62		
20	64QAM	1	99	20.79	20.66	20.70		
20	64QAM	50	0	20.76	20.93	20.81		
20	64QAM	50	24	20.77	20.73	20.73		
20	64QAM	50	50	20.70	20.78	20.67		
20	64QAM	100	0	20.93	20.88	20.84		
20	256QAM	1	0	19.76	19.85	19.74		
20	256QAM	1	49	19.72	19.50	19.63		
20	256QAM	1	99	19.63	19.57	19.60		
20	256QAM	50	0	19.58	19.69	19.67		
20	256QAM	50	24	19.51	19.67	19.61		
20	256QAM	50	50	19.60	19.57	19.54		
20	256QAM	100	0	19.79	19.75	19.66		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.77	20.91	20.83	22.1	0
15	QPSK	1	37	20.79	20.64	20.76		
15	QPSK	1	74	20.71	20.74	20.74		
15	QPSK	36	0	20.72	20.90	20.75		
15	QPSK	36	20	20.78	20.83	20.73		
15	QPSK	36	39	20.66	20.79	20.66		
15	QPSK	75	0	20.81	20.88	20.79		
15	16QAM	1	0	20.77	20.83	20.87		
15	16QAM	1	37	20.84	20.63	20.77		
15	16QAM	1	74	20.56	20.63	20.66		
15	16QAM	36	0	20.80	20.82	20.77		
15	16QAM	36	20	20.77	20.66	20.63		
15	16QAM	36	39	20.68	20.71	20.69		
15	16QAM	75	0	20.73	20.67	20.63		
15	64QAM	1	0	20.91	20.86	20.85		
15	64QAM	1	37	20.75	20.62	20.61		
15	64QAM	1	74	20.72	20.64	20.60		
15	64QAM	36	0	20.67	20.84	20.70		
15	64QAM	36	20	20.77	20.72	20.68		
15	64QAM	36	39	20.61	20.77	20.58		
15	64QAM	75	0	20.82	20.79	20.82		
15	256QAM	1	0	19.74	19.80	19.64		
15	256QAM	1	37	19.66	19.46	19.61		
15	256QAM	1	74	19.53	19.56	19.48		
15	256QAM	36	0	19.57	19.60	19.57		
15	256QAM	36	20	19.46	19.57	19.50		
15	256QAM	36	39	19.55	19.48	19.49		
15	256QAM	75	0	19.78	19.73	19.57		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.76	20.94	20.87	22.1	0
10	QPSK	1	25	20.85	20.67	20.72		
10	QPSK	1	49	20.72	20.79	20.82		
10	QPSK	25	0	20.72	20.88	20.70		
10	QPSK	25	12	20.84	20.75	20.75		
10	QPSK	25	25	20.67	20.76	20.68		
10	QPSK	50	0	20.79	20.88	20.81		
10	16QAM	1	0	20.70	20.79	20.93		
10	16QAM	1	25	20.84	20.60	20.77		
10	16QAM	1	49	20.66	20.67	20.58		
10	16QAM	25	0	20.73	20.79	20.85		
10	16QAM	25	12	20.81	20.64	20.78		
10	16QAM	25	25	20.72	20.65	20.64		
10	16QAM	50	0	20.74	20.71	20.63		
10	64QAM	1	0	20.86	20.87	20.85		
10	64QAM	1	25	20.75	20.65	20.55		
10	64QAM	1	49	20.75	20.66	20.58		
10	64QAM	25	0	20.70	20.86	20.76		
10	64QAM	25	12	20.69	20.68	20.64		
10	64QAM	25	25	20.69	20.69	20.61		
10	64QAM	50	0	20.90	20.86	20.81		
10	256QAM	1	0	19.71	19.82	19.66		
10	256QAM	1	25	19.68	19.41	19.55		
10	256QAM	1	49	19.51	19.51	19.48		
10	256QAM	25	0	19.48	19.61	19.66		
10	256QAM	25	12	19.48	19.61	19.52		
10	256QAM	25	25	19.60	19.54	19.48		
10	256QAM	50	0	19.68	19.64	19.58		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.80	20.89	20.77	22.1	0
5	QPSK	1	12	20.85	20.72	20.72		
5	QPSK	1	24	20.73	20.79	20.73		
5	QPSK	12	0	20.77	20.91	20.79		
5	QPSK	12	7	20.77	20.82	20.75		
5	QPSK	12	13	20.71	20.77	20.68		
5	QPSK	25	0	20.88	20.84	20.90		
5	16QAM	1	0	20.71	20.76	20.91		
5	16QAM	1	12	20.86	20.64	20.73		
5	16QAM	1	24	20.63	20.69	20.58		
5	16QAM	12	0	20.74	20.86	20.85		
5	16QAM	12	7	20.76	20.70	20.77		
5	16QAM	12	13	20.78	20.65	20.61		
5	16QAM	25	0	20.71	20.69	20.71		
5	64QAM	1	0	20.89	20.79	20.88		
5	64QAM	1	12	20.67	20.67	20.51		
5	64QAM	1	24	20.76	20.61	20.59		
5	64QAM	12	0	20.75	20.89	20.78		
5	64QAM	12	7	20.74	20.67	20.73		
5	64QAM	12	13	20.67	20.76	20.59		
5	64QAM	25	0	20.86	20.78	20.76		
5	256QAM	1	0	19.72	19.84	19.70		
5	256QAM	1	12	19.62	19.42	19.56		
5	256QAM	1	24	19.57	19.57	19.52		
5	256QAM	12	0	19.51	19.59	19.66		
5	256QAM	12	7	19.50	19.56	19.56		
5	256QAM	12	13	19.51	19.50	19.45		
5	256QAM	25	0	19.72	19.64	19.65		

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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	19.33	19.36	19.40	19.35	19.37	20.5	0
20	QPSK	1	49	19.19	19.20	19.26	19.27	19.23		
20	QPSK	1	99	19.26	19.24	19.23	19.25	19.25		
20	QPSK	50	0	19.31	19.31	19.37	19.33	19.26	20.5	0
20	QPSK	50	24	19.20	19.23	19.29	19.20	19.28		
20	QPSK	50	50	19.25	19.24	19.32	19.28	19.29		
20	QPSK	100	0	19.26	19.30	19.33	19.32	19.32		
20	16QAM	1	0	19.27	19.25	19.30	19.33	19.36	20.5	0
20	16QAM	1	49	19.07	19.19	19.19	19.22	19.13		
20	16QAM	1	99	19.24	19.21	19.15	19.22	19.20		
20	16QAM	50	0	19.22	19.19	19.32	19.27	19.19	20.5	0
20	16QAM	50	24	19.12	19.21	19.22	19.09	19.22		
20	16QAM	50	50	19.18	19.23	19.28	19.21	19.28		
20	16QAM	100	0	19.25	19.20	19.31	19.20	19.22		
20	64QAM	1	0	19.22	19.35	19.29	19.33	19.30	20.5	0
20	64QAM	1	49	19.12	19.18	19.25	19.20	19.17		
20	64QAM	1	99	19.17	19.15	19.17	19.23	19.21		
20	64QAM	50	0	18.78	18.92	18.93	18.81	18.92	20	0.5
20	64QAM	50	24	18.67	18.78	18.74	18.75	18.74		
20	64QAM	50	50	18.76	18.69	18.67	18.76	18.80		
20	64QAM	100	0	18.83	18.84	18.89	18.81	18.72		
20	256QAM	1	0	16.78	16.82	16.94	16.80	16.83	18	2.5
20	256QAM	1	49	16.72	16.80	16.82	16.72	16.76		
20	256QAM	1	99	16.81	16.70	16.74	16.81	16.79		
20	256QAM	50	0	16.81	16.86	16.88	16.79	16.80	18	2.5
20	256QAM	50	24	16.73	16.76	16.80	16.65	16.72		
20	256QAM	50	50	16.80	16.74	16.88	16.73	16.76		
20	256QAM	100	0	16.77	16.75	16.79	16.83	16.86		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	19.25	19.24	19.30	19.29	19.29	20.5	0
15	QPSK	1	37	19.04	19.19	19.15	19.18	19.09		
15	QPSK	1	74	19.19	19.19	19.20	19.14	19.19		
15	QPSK	36	0	19.26	19.27	19.33	19.25	19.19	20.5	0
15	QPSK	36	20	19.11	19.10	19.24	19.15	19.19		
15	QPSK	36	39	19.15	19.10	19.20	19.20	19.16		
15	QPSK	75	0	19.21	19.26	19.19	19.22	19.24		
15	16QAM	1	0	19.19	19.17	19.17	19.24	19.24	20.5	0
15	16QAM	1	37	18.95	19.13	19.11	19.14	19.05		
15	16QAM	1	74	19.17	19.17	19.09	19.13	19.11		
15	16QAM	36	0	19.18	19.15	19.24	19.14	19.07	20.5	0
15	16QAM	36	20	19.05	19.08	19.17	19.00	19.08		
15	16QAM	36	39	19.10	19.10	19.23	19.09	19.19		
15	16QAM	75	0	19.20	19.13	19.18	19.16	19.17		
15	64QAM	1	0	19.12	19.28	19.16	19.19	19.26	20.5	0
15	64QAM	1	37	19.05	19.11	19.21	19.14	19.12		
15	64QAM	1	74	19.03	19.11	19.14	19.12	19.07		
15	64QAM	36	0	18.72	18.85	18.80	18.70	18.84	20	0.5
15	64QAM	36	20	18.61	18.66	18.67	18.69	18.63		
15	64QAM	36	39	18.66	18.55	18.60	18.62	18.67		
15	64QAM	75	0	18.78	18.76	18.83	18.76	18.61		
15	256QAM	1	0	16.71	16.70	16.89	16.67	16.71	18	2.5
15	256QAM	1	37	16.67	16.71	16.69	16.63	16.70		
15	256QAM	1	74	16.70	16.60	16.61	16.71	16.70		
15	256QAM	36	0	16.68	16.81	16.74	16.72	16.68	18	2.5
15	256QAM	36	20	16.66	16.72	16.67	16.54	16.60		
15	256QAM	36	39	16.68	16.66	16.82	16.60	16.63		
15	256QAM	75	0	16.64	16.67	16.72	16.75	16.74		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	19.30	19.26	19.32	19.24	19.30	20.5	0
10	QPSK	1	25	19.12	19.24	19.15	19.20	19.11		
10	QPSK	1	49	19.20	19.12	19.16	19.22	19.14		
10	QPSK	25	0	19.27	19.25	19.23	19.24	19.23	20.5	0
10	QPSK	25	12	19.07	19.16	19.19	19.16	19.22		
10	QPSK	25	25	19.13	19.13	19.22	19.13	19.17		
10	QPSK	50	0	19.12	19.20	19.26	19.27	19.22		
10	16QAM	1	0	19.19	19.18	19.25	19.27	19.31	20.5	0
10	16QAM	1	25	19.00	19.04	19.11	19.17	19.05		
10	16QAM	1	49	19.09	19.07	19.02	19.15	19.07		
10	16QAM	25	0	19.08	19.04	19.28	19.19	19.13	20.5	0
10	16QAM	25	12	19.01	19.16	19.12	18.97	19.10		
10	16QAM	25	25	19.08	19.16	19.14	19.11	19.24		
10	16QAM	50	0	19.12	19.06	19.28	19.11	19.10		
10	64QAM	1	0	19.14	19.20	19.23	19.29	19.15	20.5	0
10	64QAM	1	25	18.97	19.10	19.20	19.12	19.03		
10	64QAM	1	49	19.08	19.02	19.08	19.20	19.18		
10	64QAM	25	0	18.75	18.78	18.87	18.72	18.87	20	0.5
10	64QAM	25	12	18.52	18.72	18.62	18.64	18.61		
10	64QAM	25	25	18.64	18.56	18.52	18.71	18.73		
10	64QAM	50	0	18.74	18.77	18.77	18.69	18.64		
10	256QAM	1	0	16.75	16.77	16.84	16.72	16.69	18	2.5
10	256QAM	1	25	16.58	16.72	16.76	16.62	16.63		
10	256QAM	1	49	16.68	16.58	16.63	16.68	16.69		
10	256QAM	25	0	16.69	16.77	16.80	16.66	16.69	18	2.5
10	256QAM	25	12	16.60	16.66	16.70	16.54	16.68		
10	256QAM	25	25	16.67	16.68	16.80	16.59	16.73		
10	256QAM	50	0	16.67	16.64	16.72	16.69	16.78		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	(dBm)	(dB)
5	QPSK	1	0	19.25	19.21	19.29	19.21	19.33	20.5	0
5	QPSK	1	12	19.14	19.25	19.18	19.22	19.15		
5	QPSK	1	24	19.16	19.17	19.15	19.18	19.16		
5	QPSK	12	0	19.21	19.17	19.33	19.20	19.16	20.5	0
5	QPSK	12	7	19.07	19.20	19.20	19.09	19.24		
5	QPSK	12	13	19.21	19.20	19.26	19.17	19.21		
5	QPSK	25	0	19.11	19.26	19.28	19.18	19.23	20.5	0
5	16QAM	1	0	19.23	19.19	19.21	19.30	19.30		
5	16QAM	1	12	18.93	19.14	19.07	19.12	19.03		
5	16QAM	1	24	19.13	19.10	19.01	19.16	19.06		
5	16QAM	12	0	19.11	19.10	19.19	19.12	19.13	20.5	0
5	16QAM	12	7	19.00	19.16	19.08	19.06	19.14		
5	16QAM	12	13	19.10	19.16	19.15	19.09	19.14		
5	16QAM	25	0	19.13	19.14	19.25	19.09	19.15		
5	64QAM	1	0	19.11	19.27	19.16	19.23	19.25	20.5	0
5	64QAM	1	12	19.00	19.09	19.12	19.10	19.04		
5	64QAM	1	24	19.05	19.01	19.11	19.18	19.13		
5	64QAM	12	0	18.74	18.88	18.82	18.67	18.87	20	0.5
5	64QAM	12	7	18.58	18.64	18.71	18.63	18.64		
5	64QAM	12	13	18.73	18.62	18.60	18.63	18.73		
5	64QAM	25	0	18.78	18.74	18.82	18.74	18.63		
5	256QAM	1	0	16.65	16.78	16.82	16.75	16.69	18	2.5
5	256QAM	1	12	16.57	16.67	16.74	16.59	16.72		
5	256QAM	1	24	16.76	16.61	16.67	16.68	16.67		
5	256QAM	12	0	16.72	16.82	16.73	16.72	16.74	18	2.5
5	256QAM	12	7	16.69	16.65	16.75	16.56	16.57		
5	256QAM	12	13	16.70	16.67	16.78	16.69	16.62		
5	256QAM	25	0	16.63	16.66	16.73	16.73	16.74		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.95	20.98	21.03	21.00	20.96	22.1	0
20	QPSK	1	49	20.86	20.92	20.86	20.83	20.90		
20	QPSK	1	99	20.81	20.84	20.85	20.87	20.89		
20	QPSK	50	0	20.86	20.88	21.00	20.88	20.92	22.1	0
20	QPSK	50	24	20.83	20.89	20.90	20.87	20.89		
20	QPSK	50	50	20.78	20.85	20.89	20.84	20.84		
20	QPSK	100	0	20.84	20.94	20.96	20.94	20.84		
20	16QAM	1	0	20.87	20.89	20.92	20.99	20.92	22.1	0
20	16QAM	1	49	20.79	20.90	20.76	20.83	20.87		
20	16QAM	1	99	20.75	20.74	20.73	20.81	20.79		
20	16QAM	50	0	20.80	20.85	20.90	20.87	20.87	22.1	0
20	16QAM	50	24	20.78	20.86	20.81	20.86	20.79		
20	16QAM	50	50	20.73	20.83	20.77	20.80	20.82		
20	16QAM	100	0	20.82	20.82	20.90	20.85	20.75		
20	64QAM	1	0	20.92	20.97	20.91	20.93	20.88	22.1	0
20	64QAM	1	49	20.77	20.89	20.81	20.74	20.82		
20	64QAM	1	99	20.72	20.80	20.73	20.80	20.80		
20	64QAM	50	0	20.79	20.82	20.96	20.85	20.88	22.1	0
20	64QAM	50	24	20.78	20.86	20.83	20.77	20.79		
20	64QAM	50	50	20.72	20.79	20.89	20.77	20.76		
20	64QAM	100	0	20.78	20.93	20.89	20.85	20.80		
20	256QAM	1	0	19.71	19.81	19.86	19.78	19.72	21	1.1
20	256QAM	1	49	19.69	19.72	19.60	19.68	19.72		
20	256QAM	1	99	19.63	19.65	19.62	19.68	19.66		
20	256QAM	50	0	19.66	19.62	19.76	19.69	19.74	21	1.1
20	256QAM	50	24	19.63	19.63	19.70	19.64	19.70		
20	256QAM	50	50	19.60	19.69	19.67	19.62	19.69		
20	256QAM	100	0	19.61	19.80	19.81	19.75	19.59		
Channel				39725	40173	40620	41068	41515	Tune-up limit	MPR
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)	(dB)
15	QPSK	1	0	20.91	20.90	20.90	20.91	20.88	22.1	0
15	QPSK	1	37	20.76	20.88	20.77	20.70	20.78		
15	QPSK	1	74	20.74	20.70	20.80	20.80	20.75		
15	QPSK	36	0	20.72	20.78	20.88	20.82	20.82	22.1	0
15	QPSK	36	20	20.68	20.80	20.80	20.80	20.84		
15	QPSK	36	39	20.67	20.81	20.81	20.79	20.75		
15	QPSK	75	0	20.79	20.85	20.88	20.82	20.77		
15	16QAM	1	0	20.79	20.83	20.82	20.95	20.84	22.1	0
15	16QAM	1	37	20.67	20.85	20.65	20.75	20.77		
15	16QAM	1	74	20.61	20.60	20.83	20.69	20.70		
15	16QAM	36	0	20.75	20.72	20.76	20.80	20.75	22.1	0
15	16QAM	36	20	20.73	20.74	20.73	20.82	20.66		
15	16QAM	36	39	20.64	20.77	20.69	20.69	20.74		
15	16QAM	75	0	20.68	20.75	20.77	20.79	20.71		
15	64QAM	1	0	20.80	20.92	20.86	20.79	20.76	22.1	0
15	64QAM	1	37	20.63	20.81	20.77	20.68	20.77		
15	64QAM	1	74	20.63	20.67	20.59	20.72	20.73		
15	64QAM	36	0	20.76	20.75	20.92	20.72	20.75	22.1	0
15	64QAM	36	20	20.74	20.80	20.73	20.68	20.68		
15	64QAM	36	39	20.65	20.68	20.76	20.64	20.64		
15	64QAM	75	0	20.66	20.79	20.76	20.76	20.69		
15	256QAM	1	0	19.68	19.75	19.79	19.73	19.67	21	1.1
15	256QAM	1	37	19.55	19.69	19.50	19.55	19.64		
15	256QAM	1	74	19.50	19.60	19.53	19.57	19.54		
15	256QAM	36	0	19.54	19.50	19.67	19.59	19.65	21	1.1
15	256QAM	36	20	19.54	19.52	19.66	19.59	19.62		
15	256QAM	36	39	19.47	19.59	19.61	19.53	19.58		
15	256QAM	75	0	19.58	19.71	19.72	19.63	19.52		
Channel				39700	40160	40620	41080	41540	Tune-up limit	MPR
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)	(dB)
10	QPSK	1	0	20.91	20.86	20.99	20.87	20.82	22.1	0
10	QPSK	1	25	20.71	20.78	20.83	20.76	20.86		
10	QPSK	1	49	20.72	20.78	20.74	20.82	20.81		
10	QPSK	25	0	20.72	20.85	20.87	20.75	20.85	22.1	0
10	QPSK	25	12	20.70	20.77	20.80	20.81	20.85		
10	QPSK	25	25	20.69	20.71	20.84	20.78	20.75		
10	QPSK	50	0	20.74	20.83	20.82	20.91	20.81		
10	16QAM	1	0	20.73	20.85	20.78	20.90	20.82	22.1	0
10	16QAM	1	25	20.64	20.82	20.65	20.68	20.74		
10	16QAM	1	49	20.61	20.63	20.59	20.66	20.65		
10	16QAM	25	0	20.75	20.81	20.76	20.76	20.78	22.1	0
10	16QAM	25	12	20.69	20.79	20.72	20.73	20.74		
10	16QAM	25	25	20.59	20.76	20.73	20.68	20.67		
10	16QAM	50	0	20.72	20.72	20.85	20.71	20.71		
10	64QAM	1	0	20.84	20.94	20.85	20.82	20.79	22.1	0
10	64QAM	1	25	20.68	20.80	20.66	20.71	20.71		
10	64QAM	1	49	20.66	20.70	20.59	20.70	20.76		
10	64QAM	25	0	20.74	20.78	20.85	20.76	20.74	22.1	0
10	64QAM	25	12	20.65	20.81	20.76	20.66	20.70		
10	64QAM	25	25	20.57	20.74	20.83	20.69	20.62		
10	64QAM	50	0	20.64	20.84	20.78	20.75	20.67		
10	256QAM	1	0	19.62	19.74	19.73	19.73	19.66	21	1.1
10	256QAM	1	25	19.62	19.57	19.56	19.62	19.65		
10	256QAM	1	49	19.52	19.61	19.57	19.61	19.59		
10	256QAM	25	0	19.51	19.49	19.69	19.59	19.59	21	1.1
10	256QAM	25	12	19.54	19.52	19.65	19.61	19.56		
10	256QAM	25	25	19.55	19.56	19.63	19.55	19.60		
10	256QAM	50	0	19.55	19.77	19.67	19.66	19.51		
Channel				39675	40148	40620	41093	41565	Tune-up limit	MPR
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	(dBm)	(dB)
5	QPSK	1	0	20.90	20.88	20.95	20.97	20.87	22.1	0
5	QPSK	1	12	20.73	20.84	20.81	20.68	20.76		
5	QPSK	1	24	20.70	20.76	20.81	20.81	20.85		
5	QPSK	12	0	20.80	20.78	20.88	20.75	20.86	22.1	0
5	QPSK	12	7	20.76	20.86	20.79	20.73	20.81		
5	QPSK	12	13	20.69	20.79	20.75	20.77	20.74		
5	QPSK	25	0	20.79	20.91	20.85	20.89	20.77	22.1	0
5	16QAM	1	0	20.73	20.80	20.84	20.85	20.81		
5	16QAM	1	12	20.74	20.87	20.64	20.80	20.74		
5	16QAM	1	24	20.62	20.60	20.63	20.66	20.72		
5	16QAM	12	0	20.72	20.75	20.82	20.81	20.74	22.1	0
5	16QAM	12	7	20.72	20.79	20.74	20.75	20.71		
5	16QAM	12	13	20.67	20.78	20.70	20.71	20.70		
5	16QAM	25	0	20.78	20.71	20.86	20.73	20.67	22.1	0
5	64QAM	1	0	20.82	20.92	20.78	20.84	20.79		
5	64QAM	1	12	20.69	20.84	20.68	20.67	20.69		
5	64QAM	1	24	20.60	20.72	20.64	20.74	20.73		
5	64QAM	12	0	20.65	20.74	20.91	20.82	20.85	22.1	0
5	64QAM	12	7	20.75	20.77	20.73	20.65	20.75		
5	64QAM	12	13	20.63	20.69	20.79	20.65	20.65		
5	64QAM	25	0	20.68	20.84	20.78	20.77	20.66	22.1	0
5	256QAM	1	0	19.68	19.72	19.82	19.65	19.63	21	1.1
5	256QAM	1	12	19.63	19.64	19.56	19.57	19.59		
5	256QAM	1	24	19.49	19.61	19.53	19.64	19.55		
5	256QAM	12	0	19.54	19.56	19.71	19.58	19.64	21	1.1
5	256QAM	12	7	19.57	19.58	19.65	19.52	19.56		
5	256QAM	12	13	19.52	19.63	19.54	19.51	19.61		
5	256QAM	25	0	19.54	19.73	19.71	19.61	19.51		

GSM1900 Ant 2 DS6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.85	28.99	28.82	30.50	19.85	19.99	19.82	21.50
GPRS 1 Tx slot	28.79	28.94	28.80	30.50	19.79	19.94	19.80	21.50
GPRS 2 Tx slots	26.11	26.55	26.50	27.50	20.11	20.55	20.50	21.50
GPRS 3 Tx slots	25.05	24.78	24.74	26.00	20.79	20.52	20.48	21.74
GPRS 4 Tx slots	23.49	23.07	23.00	24.00	20.49	20.07	20.00	21.00
EDGE 1 Tx slot	24.67	24.58	24.55	25.50	15.67	15.58	15.55	16.50
EDGE 2 Tx slots	23.57	23.31	23.26	24.50	17.57	17.31	17.26	18.50
EDGE 3 Tx slots	21.86	21.81	21.68	22.50	17.60	17.55	17.42	18.24
EDGE 4 Tx slots	20.02	20.02	19.98	21.00	17.02	17.02	16.98	18.00

Band		WCDMA II Ant 2 DS6			Tune-up Limit (dBm)	WCDMA IV Ant 2 DS6			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	21.26	21.31	21.25	22.80	21.80	21.84	21.82	22.80
3GPP Rel 99	RMC 12.2Kbps	21.30	21.34	21.28	22.80	21.85	21.90	21.87	22.80
3GPP Rel 6	HSDPA Subtest-1	20.31	20.31	20.33	21.80	20.81	20.88	20.82	21.80
3GPP Rel 6	HSDPA Subtest-2	20.24	20.32	20.28	21.80	20.90	20.90	20.88	21.80
3GPP Rel 6	HSDPA Subtest-3	19.85	19.88	19.76	21.30	20.39	20.36	20.43	21.30
3GPP Rel 6	HSDPA Subtest-4	19.81	19.80	19.78	21.30	20.30	20.42	20.37	21.30
3GPP Rel 8	DC-HSDPA Subtest-1	20.34	20.40	20.28	21.80	20.91	20.84	20.88	21.80
3GPP Rel 8	DC-HSDPA Subtest-2	20.31	20.36	20.25	21.80	20.84	20.95	20.90	21.80
3GPP Rel 8	DC-HSDPA Subtest-3	19.81	19.85	19.83	21.30	20.32	20.36	20.32	21.30
3GPP Rel 8	DC-HSDPA Subtest-4	19.75	19.80	19.81	21.30	20.30	20.37	20.35	21.30
3GPP Rel 6	HSUPA Subtest-1	20.27	20.28	20.33	21.80	20.88	20.92	20.86	21.80
3GPP Rel 6	HSUPA Subtest-2	18.28	18.36	18.28	19.80	18.86	18.88	18.87	19.80
3GPP Rel 6	HSUPA Subtest-3	19.25	19.36	19.29	20.80	19.87	19.94	19.84	20.80
3GPP Rel 6	HSUPA Subtest-4	18.30	18.40	18.33	19.80	18.87	18.94	18.85	19.80
3GPP Rel 6	HSUPA Subtest-5	20.36	20.34	20.23	21.80	20.88	20.93	20.84	21.80

Band 2 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	22.60	22.63	22.58	24	0
20	QPSK	1	49	22.48	22.53	22.46		
20	QPSK	1	99	22.52	22.54	22.54		
20	QPSK	50	0	21.64	21.67	21.60		
20	QPSK	50	24	21.48	21.49	21.52	23	1
20	QPSK	50	50	21.52	21.53	21.46		
20	QPSK	100	0	21.66	21.66	21.62		
20	16QAM	1	0	21.54	21.61	21.56		
20	16QAM	1	49	21.37	21.38	21.53	23	1
20	16QAM	1	99	21.50	21.43	21.44		
20	16QAM	50	0	20.66	20.64	20.54		
20	16QAM	50	24	20.49	20.50	20.47	22	2
20	16QAM	50	50	20.52	20.57	20.43		
20	16QAM	100	0	20.52	20.63	20.67		
20	16QAM	1	0	20.60	20.66	20.60		
20	64QAM	1	49	20.40	20.42	20.53	22	2
20	64QAM	1	99	20.47	20.39	20.45		
20	64QAM	50	0	19.68	19.73	19.58		
20	64QAM	50	24	19.52	19.48	19.54	21	3
20	64QAM	50	50	19.50	19.57	19.41		
20	64QAM	100	0	19.51	19.64	19.59		
20	256QAM	1	0	17.67	17.71	17.58		
20	256QAM	1	49	17.50	17.52	17.48	19	5
20	256QAM	1	99	17.53	17.57	17.43		
20	256QAM	50	0	17.58	17.62	17.62		
20	256QAM	50	24	17.51	17.60	17.53	19	5
20	256QAM	50	50	17.53	17.40	17.45		
20	256QAM	100	0	17.55	17.43	17.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.54	22.51	22.51	24	0
15	QPSK	1	37	22.49	22.42	22.39		
15	QPSK	1	74	22.38	22.42	22.36		
15	QPSK	36	0	21.60	21.56	21.51		
15	QPSK	36	20	21.41	21.34	21.44	23	1
15	QPSK	36	39	21.46	21.40	21.33		
15	QPSK	75	0	21.41	21.59	21.50		
15	16QAM	1	0	21.49	21.53	21.41		
15	16QAM	1	37	21.32	21.24	21.42	23	1
15	16QAM	1	74	21.40	21.34	21.36		
15	16QAM	36	0	20.54	20.53	20.49		
15	16QAM	36	20	20.42	20.36	20.36	22	2
15	16QAM	36	39	20.38	20.51	20.37		
15	16QAM	75	0	20.47	20.58	20.61		
15	64QAM	1	0	20.48	20.56	20.42		
15	64QAM	1	37	20.31	20.35	20.39	22	2
15	64QAM	1	74	20.43	20.29	20.40		
15	64QAM	36	0	19.62	19.67	19.44		
15	64QAM	36	20	19.38	19.39	19.36	21	3
15	64QAM	36	39	19.38	19.54	19.28		
15	64QAM	75	0	19.41	19.52	19.48		
15	256QAM	1	0	17.56	17.67	17.48		
15	256QAM	1	37	17.42	17.38	17.47	19	5
15	256QAM	1	74	17.44	17.45	17.38		
15	256QAM	36	0	17.47	17.49	17.50		
15	256QAM	36	20	17.45	17.55	17.47	19	5
15	256QAM	36	39	17.20	17.33	17.41		
15	256QAM	75	0	17.43	17.35	17.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.45	22.50	22.53	24	0
10	QPSK	1	25	22.34	22.46	22.34		
10	QPSK	1	49	22.42	22.49	22.42		
10	QPSK	25	0	21.58	21.57	21.46		
10	QPSK	25	12	21.42	21.39	21.48	23	1
10	QPSK	25	25	21.45	21.45	21.38		
10	QPSK	50	0	21.45	21.63	21.57		
10	16QAM	1	0	21.45	21.51	21.46		
10	16QAM	1	25	21.32	21.33	21.39	23	1
10	16QAM	1	49	21.36	21.40	21.30		
10	16QAM	25	0	20.61	20.57	20.50		
10	16QAM	25	12	20.43	20.41	20.40	22	2
10	16QAM	25	25	20.47	20.53	20.39		
10	16QAM	50	0	20.38	20.54	20.60		
10	64QAM	1	0	20.52	20.62	20.40		
10	64QAM	1	25	20.27	20.35	20.43	22	2
10	64QAM	1	49	20.36	20.27	20.41		
10	64QAM	25	0	19.65	19.59	19.54		
10	64QAM	25	12	19.39	19.36	19.40	21	3
10	64QAM	25	25	19.37	19.50	19.37		
10	64QAM	50	0	19.44	19.53	19.55		
10	256QAM	1	0	17.57	17.46	17.46		
10	256QAM	1	25	17.44	17.47	17.33	19	5
10	256QAM	1	49	17.48	17.49	17.29		
10	256QAM	25	0	17.44	17.52	17.54		
10	256QAM	25	12	17.34	17.44	17.39	19	5
10	256QAM	25	25	17.25	17.29	17.48		
10	256QAM	50	0	17.47	17.39	17.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.50	22.50	22.51	24	0
5	QPSK	1	12	22.44	22.46	22.33		
5	QPSK	1	24	22.46	22.49	22.35		
5	QPSK	12	0	21.59	21.56	21.48		
5	QPSK	12	7	21.41	21.39	21.44	23	1
5	QPSK	12	13	21.37	21.43	21.34		
5	QPSK	25	0	21.50	21.54	21.53		
5	16QAM	1	0	21.49	21.58	21.46		
5	16QAM	1	12	21.34	21.36	21.48	23	1
5	16QAM	1	24	21.45	21.31	21.39		
5	16QAM	12	0	20.58	20.57	20.49		
5	16QAM	12	7	20.38	20.42	20.42	22	2
5	16QAM	12	13	20.44	20.54	20.39		
5	16QAM	25	0	20.45	20.57	20.61		
5	64QAM	1	0	20.54	20.59	20.42		
5	64QAM	1	12	20.27	20.31	20.48	22	2
5	64QAM	1	24	20.36	20.28	20.31		
5	64QAM	12	0	19.62	19.58	19.50		
5	64QAM	12	7	19.44	19.35	19.32	21	3
5	64QAM	12	13	19.39	19.49	19.35		
5	64QAM	25	0	19.47	19.57	19.47		
5	256QAM	1	0	17.54	17.65	17.45		
5	256QAM	1	12	17.39	17.46	17.39	19	5
5	256QAM	1	24	17.50	17.47	17.39		
5	256QAM	12	0	17.54	17.49	17.48		
5	256QAM	12	7	17.40	17.50	17.39	19	5
5	256QAM	12	13	17.21	17.28	17.42		
5	256QAM	25	0	17.47	17.33	17.38		
Channel				18575	18900	19225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.51	22.51	22.44	24	0
3	QPSK	1	8	22.34	22.40	22.37		
3	QPSK	1	14	22.47	22.49	22.35		
3	QPSK	8	0	21.57	21.58	21.48		
3	QPSK	8	4	21.37	21.36	21.39	23	1
3	QPSK	8	7	21.47	21.40	21.35		
3	QPSK	15	0	21.49	21.51	21.52		
3	16QAM	1	0	21.43	21.58	21.53		
3	16QAM	1	8	21.23	21.30	21.43	23	1
3	16QAM	1	14	21.39	21.37	21.29		
3	16QAM	8	0	20.58	20.55	20.43		
3	16QAM	8	4	20.37	20.43	20.40	22	2
3	16QAM	8	7	20.38	20.45	20.37		
3	16QAM	15	0	20.43	20.52	20.61		
3	64QAM	1	0	20.53	20.59	20.39		
3	64QAM	1	8	20.26	20.27	20.41	22	2
3	64QAM	1	14	20.33	20.32	20.30		
3	64QAM	8	0	19.56	19.66	19.52		
3	64QAM	8	4	19.40	19.37	19.32	21	3
3	64QAM	8	7	19.47	19.43	19.38		
3	64QAM	15	0	19.44	19.61	19.47		
3	256QAM	1	0	17.59	17.58	17.48		
3	256QAM	1	8	17.43	17.48	17.34	19	5
3	256QAM	1	14	17.39	17.45	17.39		
3	256QAM	8	0	17.48	17.49	17.55		
3	256QAM	8	4	17.37	17.55	17.44	19	5
3	256QAM	8	7	17.20	17.33	17.42		
3	256QAM	15	0	17.43	17.39	17.41		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.52	22.59	22.44	24	0
1.4	QPSK	1	3	22.34	22.43	22.37		
1.4	QPSK	1	5	22.38	22.50	22.34		
1.4	QPSK	3	0	22.40	22.49	22.41		
1.4	QPSK	3	1	22.28	22.39	22.26		
1.4	QPSK	3	3	22.33	22.36	22.29		
1.4	QPSK	6	0	21.43	21.58	21.51	23	1
1.4	16QAM	1	0	21.39	21.48	21.43		
1.4	16QAM	1	3	21.29	21.28	21.43		
1.4	16QAM	1	5	21.37	21.31	21.41	23	1
1.4	16QAM	3	0	21.37	21.52	21.47		
1.4	16QAM	3	1	21.33	21.36	21.34		
1.4	16QAM	3	3	21.16	21.16	21.35		
1.4	16QAM	6	0	20.39	20.53	20.61	22	2
1.4	64QAM	1	0	20.50	20.53	20.37		
1.4	64QAM	1	3	20.26	20.29	20.42		
1.4	64QAM	1	5	20.42	20.29	20.31	22	2
1.4	64QAM	3	0	20.33	20.45	20.50		
1.4	64QAM	3	1	20.47	20.44	20.28		
1.4	64QAM	3	3	20.13	20.25	20.35		
1.4	64QAM	6	0	19.43	19.57	19.49	21	3
1.4	256QAM	1	0	17.63	17.58	17.52		
1.4	256QAM	1	3	17.47	17.42	17.42		
1.4	256QAM	1	5	17.46	17.42	17.30	19	5
1.4	256QAM	3	0	17.53	17.56	17.53		
1.4	256QAM	3	1	17.38	17.46	17.46		
1.4	256QAM	3	3	17.25	17.31	17.43		
1.4	256QAM	6	0	17.44	17.31	17.34	19	5

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.87	21.88	21.82	22.9	0
20	QPSK	1	49	21.71	21.76	21.71		
20	QPSK	1	99	21.83	21.79	21.81		
20	QPSK	50	0	21.71	21.87	21.77		
20	QPSK	50	24	21.76	21.80	21.75		
20	QPSK	50	50	21.63	21.76	21.66		
20	QPSK	100	0	21.77	21.74	21.73		
20	16QAM	1	0	21.76	21.80	21.85		
20	16QAM	1	49	21.61	21.72	21.59	22.9	0
20	16QAM	1	99	21.65	21.67	21.63		
20	16QAM	50	0	20.83	21.00	20.86		
20	16QAM	50	24	20.77	20.79	20.70	22	0.9
20	16QAM	50	50	20.86	20.89	20.81		
20	16QAM	100	0	20.87	20.95	20.92		
20	64QAM	1	0	20.77	20.84	20.87		
20	64QAM	1	49	20.88	20.84	20.77	22	0.9
20	64QAM	1	99	20.91	20.93	20.76		
20	64QAM	50	0	19.92	19.99	19.89		
20	64QAM	50	24	19.80	19.74	19.76	21	1.9
20	64QAM	50	50	19.91	19.93	19.67		
20	64QAM	100	0	19.77	19.86	19.82		
20	256QAM	1	0	17.96	18.00	18.01		
20	256QAM	1	49	17.85	17.80	17.74	19	3.9
20	256QAM	1	99	17.85	17.85	17.79		
20	256QAM	50	0	17.90	17.92	17.74		
20	256QAM	50	24	17.81	17.87	17.77	19	3.9
20	256QAM	50	50	17.73	17.74	17.76		
20	256QAM	100	0	17.80	17.86	17.82		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.80	21.81	21.73	22.9	0
15	QPSK	1	37	21.69	21.73	21.64		
15	QPSK	1	74	21.74	21.72	21.56		
15	QPSK	36	0	21.69	21.75	21.67		
15	QPSK	36	20	21.70	21.78	21.75	22.9	0
15	QPSK	36	39	21.52	21.73	21.65		
15	QPSK	75	0	21.67	21.66	21.70		
15	16QAM	1	0	21.72	21.79	21.80		
15	16QAM	1	37	21.52	21.70	21.51	22.9	0
15	16QAM	1	74	21.54	21.68	21.56		
15	16QAM	36	0	20.91	20.94	20.83		
15	16QAM	36	20	20.69	20.78	20.58	22	0.9
15	16QAM	36	39	20.83	20.78	20.75		
15	16QAM	75	0	20.75	20.95	20.89		
15	64QAM	1	0	20.76	20.81	20.77		
15	64QAM	1	37	20.79	20.72	20.79	22	0.9
15	64QAM	1	74	20.80	20.82	20.71		
15	64QAM	36	0	19.83	19.90	19.85		
15	64QAM	36	20	19.72	19.74	19.63	21	1.9
15	64QAM	36	39	19.88	19.83	19.58		
15	64QAM	75	0	19.72	19.85	19.78		
15	256QAM	1	0	17.93	17.95	17.94		
15	256QAM	1	37	17.82	17.78	17.88	19	3.9
15	256QAM	1	74	17.85	17.75	17.78		
15	256QAM	36	0	17.89	17.81	17.68		
15	256QAM	36	20	17.80	17.86	17.75	19	3.9
15	256QAM	36	39	17.68	17.65	17.66		
15	256QAM	75	0	17.77	17.81	17.74		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.81	21.77	21.74	22.9	0
10	QPSK	1	25	21.69	21.76	21.70		
10	QPSK	1	49	21.74	21.75	21.58		
10	QPSK	25	0	21.62	21.82	21.66		
10	QPSK	25	12	21.71	21.79	21.75	22.9	0
10	QPSK	25	25	21.52	21.68	21.56		
10	QPSK	50	0	21.70	21.77	21.61		
10	16QAM	1	0	21.65	21.74	21.77		
10	16QAM	1	25	21.55	21.63	21.49	22.9	0
10	16QAM	1	49	21.63	21.56	21.59		
10	16QAM	25	0	20.82	20.94	20.77		
10	16QAM	25	12	20.73	20.78	20.62	22	0.9
10	16QAM	25	25	20.75	20.85	20.80		
10	16QAM	50	0	20.86	20.85	20.82		
10	64QAM	1	0	20.74	20.83	20.87		
10	64QAM	1	25	20.82	20.79	20.74	22	0.9
10	64QAM	1	49	20.83	20.88	20.75		
10	64QAM	25	0	19.86	19.93	19.79		
10	64QAM	25	12	19.77	19.79	19.67	21	1.9
10	64QAM	25	25	19.86	19.89	19.67		
10	64QAM	50	0	19.74	19.83	19.71		
10	256QAM	1	0	17.92	17.88	17.92		
10	256QAM	1	25	17.80	17.71	17.68	19	3.9
10	256QAM	1	49	17.84	17.81	17.76		
10	256QAM	25	0	17.88	17.89	17.68		
10	256QAM	25	12	17.80	17.77	17.71	19	3.9
10	256QAM	25	25	17.65	17.72	17.74		
10	256QAM	50	0	17.70	17.75	17.73		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.79	21.85	21.75	22.9	0
5	QPSK	1	12	21.60	21.66	21.69		
5	QPSK	1	24	21.74	21.74	21.54		
5	QPSK	12	0	21.63	21.80	21.76	22.9	0
5	QPSK	12	7	21.73	21.76	21.65		
5	QPSK	12	13	21.61	21.68	21.60		
5	QPSK	25	0	21.70	21.69	21.61		
5	16QAM	1	0	21.64	21.76	21.84		
5	16QAM	1	12	21.54	21.71	21.48	22.9	0
5	16QAM	1	24	21.57	21.58	21.62		
5	16QAM	12	0	20.92	20.92	20.74		
5	16QAM	12	7	20.77	20.73	20.70	22	0.9
5	16QAM	12	13	20.82	20.84	20.79		
5	16QAM	25	0	20.84	20.85	20.82		
5	64QAM	1	0	20.71	20.80	20.86		
5	64QAM	1	12	20.84	20.83	20.71	22	0.9
5	64QAM	1	24	20.82	20.80	20.68		
5	64QAM	12	0	19.90	19.88	19.82		
5	64QAM	12	7	19.77	19.80	19.65	21	1.9
5	64QAM	12	13	19.80	19.86	19.55		
5	64QAM	25	0	19.71	19.76	19.77		
5	256QAM	1	0	17.89	17.92	17.94		
5	256QAM	1	12	17.74	17.79	17.68	19	3.9
5	256QAM	1	24	17.79	17.84	17.70		
5	256QAM	12	0	17.80	17.71	17.82		
5	256QAM	12	7	17.71	17.78	17.74	19	3.9
5	256QAM	12	13	17.68	17.73	17.70		
5	256QAM	25	0	17.73	17.75	17.73		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.75	21.84	21.70	22.9	0
3	QPSK	1	8	21.68	21.67	21.70		
3	QPSK	1	14	21.72	21.71	21.52		
3	QPSK	8	0	21.70	21.84	21.73	22.9	0
3	QPSK	8	4	21.67	21.74	21.66		
3	QPSK	8	7	21.53	21.74	21.57		
3	QPSK	15	0	21.70	21.76	21.65		
3	16QAM	1	0	21.66	21.79	21.82		
3	16QAM	1	8	21.54	21.64	21.53	22.9	0
3	16QAM	1	14	21.62	21.61	21.53		
3	16QAM	8	0	20.83	20.97	20.75		
3	16QAM	8	4	20.65	20.74	20.67	22	0.9
3	16QAM	8	7	20.80	20.82	20.75		
3	16QAM	15	0	20.85	20.88	20.88		
3	64QAM	1	0	20.75	20.80	20.75		
3	64QAM	1	8	20.79	20.81	20.67	22	0.9
3	64QAM	1	14	20.80	20.81	20.71		
3	64QAM	8	0	19.82	19.98	19.84		
3	64QAM	8	4	19.68	19.81	19.70	21	1.9
3	64QAM	8	7	19.85	19.88	19.62		
3	64QAM	15	0	19.70	19.83	19.71		
3	256QAM	1	0	17.90	17.89	18.00		
3	256QAM	1	8	17.80	17.79	17.69	19	3.9
3	256QAM	1	14	17.77	17.72	17.74		
3	256QAM	8	0	17.88	17.91	17.62		
3	256QAM	8	4	17.80	17.78	17.75	19	3.9
3	256QAM	8	7	17.73	17.63	17.73		
3	256QAM	15	0	17.75	17.81	17.72		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.76	21.79	21.75	22.9	0
1.4	QPSK	1	3	21.65	21.58	21.63		
1.4	QPSK	1	5	21.72	21.69	21.65		
1.4	QPSK	3	0	21.66	21.74	21.66		
1.4	QPSK	3	1	21.69	21.69	21.69		
1.4	QPSK	3	3	21.66	21.66	21.64		
1.4	QPSK	6	0	21.66	21.75	21.60	22.9	0
1.4	16QAM	1	0	21.70	21.76	21.75		
1.4	16QAM	1	3	21.59	21.60	21.55		
1.4	16QAM	1	5	21.57	21.65	21.58	22.9	0
1.4	16QAM	3	0	21.69	21.79	21.66		
1.4	16QAM	3	1	21.46	21.61	21.39		
1.4	16QAM	3	3	21.51	21.51	21.57		
1.4	16QAM	6	0	20.87	20.81	20.83	22	0.9
1.4	64QAM	1	0	20.72	20.83	20.79		
1.4	64QAM	1	3	20.79	20.78	20.66		
1.4	64QAM	1	5	20.78	20.83	20.83	22	0.9
1.4	64QAM	3	0	20.71	20.77	20.72		
1.4	64QAM	3	1	20.69	20.74	20.78		
1.4	64QAM	3	3	20.67	20.74	20.64		
1.4	64QAM	6	0	19.85	19.83	19.74	21	1.9
1.4	256QAM	1	0	17.94	17.90	17.90		
1.4	256QAM	1	3	17.72	17.75	17.61		
1.4	256QAM	1	5	17.85	17.83	17.71	19	3.9
1.4	256QAM	3	0	17.90	17.85	17.75		
1.4	256QAM	3	1	17.67	17.85	17.66		
1.4	256QAM	3	3	17.73	17.67	17.66		
1.4	256QAM	6	0	17.84	17.87	17.73	19	3.9

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	20.45	20.50	20.47	21.8	0
20	QPSK	1	49	20.42	20.47	20.36		
20	QPSK	1	99	20.39	20.45	20.44		
20	QPSK	50	0	20.33	20.47	20.41		
20	QPSK	50	24	20.36	20.46	20.35	21.8	0
20	QPSK	50	50	20.35	20.44	20.42		
20	QPSK	100	0	20.37	20.43	20.40		
20	16QAM	1	0	20.34	20.41	20.40		
20	16QAM	1	49	20.30	20.42	20.31	21.8	0
20	16QAM	1	99	20.29	20.33	20.35		
20	16QAM	50	0	20.23	20.39	20.34		
20	16QAM	50	24	20.25	20.44	20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.24	22.35	22.35	23.5	0
20	QPSK	1	49	22.09	22.31	22.25		
20	QPSK	1	99	22.17	22.30	22.26		
20	QPSK	50	0	21.24	21.33	21.23	22.5	1
20	QPSK	50	24	21.14	21.22	21.16		
20	QPSK	50	50	21.14	21.27	21.08		
20	QPSK	100	0	21.10	21.18	21.13		
20	16QAM	1	0	21.10	21.21	21.17		
20	16QAM	1	49	21.14	21.27	21.14	22.5	1
20	16QAM	1	99	21.13	21.27	21.08		
20	16QAM	50	0	20.38	20.51	20.39	21.5	2
20	16QAM	50	24	20.32	20.36	20.31		
20	16QAM	50	50	20.34	20.36	20.25		
20	16QAM	100	0	20.29	20.40	20.26		
20	64QAM	1	0	20.29	20.38	20.31	21.5	2
20	64QAM	1	49	20.34	20.41	20.30		
20	64QAM	1	99	20.26	20.46	20.33		
20	64QAM	50	0	19.30	19.45	19.35	20.5	3
20	64QAM	50	24	19.19	19.34	19.24		
20	64QAM	50	50	19.21	19.36	19.28		
20	64QAM	100	0	19.23	19.33	19.24		
20	256QAM	1	0	17.27	17.36	17.32	18.5	5
20	256QAM	1	49	17.16	17.24	17.23		
20	256QAM	1	99	17.17	17.27	17.24		
20	256QAM	50	0	17.18	17.28	17.17	18.5	5
20	256QAM	50	24	17.21	17.24	17.21		
20	256QAM	50	50	17.19	17.20	17.25		
20	256QAM	100	0	17.12	17.28	17.22		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.19	22.32	22.27	23.5	0
15	QPSK	1	37	22.05	22.17	22.13		
15	QPSK	1	74	22.04	22.23	22.17		
15	QPSK	36	0	21.19	21.21	21.10	22.5	1
15	QPSK	36	20	20.99	21.16	21.09		
15	QPSK	36	39	20.99	21.19	20.97		
15	QPSK	75	0	21.00	21.11	21.05		
15	16QAM	1	0	21.00	21.09	21.07	22.5	1
15	16QAM	1	37	21.02	21.18	21.05		
15	16QAM	1	74	21.05	21.11	21.01		
15	16QAM	36	0	20.32	20.36	20.33	21.5	2
15	16QAM	36	20	20.26	20.31	20.26		
15	16QAM	36	39	20.24	20.22	20.14		
15	16QAM	75	0	20.13	20.33	20.14		
15	64QAM	1	0	20.24	20.31	20.27	21.5	2
15	64QAM	1	37	20.20	20.33	20.15		
15	64QAM	1	74	20.16	20.37	20.21		
15	64QAM	36	0	19.19	19.35	19.22	20.5	3
15	64QAM	36	20	19.08	19.24	19.10		
15	64QAM	36	39	19.15	19.29	19.19		
15	64QAM	75	0	19.10	19.28	19.19		
15	256QAM	1	0	17.20	17.28	17.25	18.5	5
15	256QAM	1	37	17.08	17.09	17.13		
15	256QAM	1	74	17.06	17.11	17.11		
15	256QAM	36	0	17.12	17.22	17.05	18.5	5
15	256QAM	36	20	17.17	17.09	17.16		
15	256QAM	36	39	17.14	17.08	17.16		
15	256QAM	75	0	16.96	17.23	17.08		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.11	22.29	22.22	23.5	0
10	QPSK	1	25	22.03	22.18	22.14		
10	QPSK	1	49	22.04	22.19	22.14		
10	QPSK	25	0	21.12	21.19	21.17	22.5	1
10	QPSK	25	12	21.00	21.08	21.10		
10	QPSK	25	25	21.06	21.22	21.01		
10	QPSK	50	0	21.00	21.10	21.14		
10	16QAM	1	0	20.97	21.13	21.10	22.5	1
10	16QAM	1	25	21.05	21.14	21.10		
10	16QAM	1	49	21.09	21.14	20.98		
10	16QAM	25	0	20.28	20.37	20.33	21.5	2
10	16QAM	25	12	20.17	20.32	20.20		
10	16QAM	25	25	20.20	20.31	20.12		
10	16QAM	50	0	20.16	20.32	20.16		
10	64QAM	1	0	20.14	20.23	20.23	21.5	2
10	64QAM	1	25	20.25	20.36	20.18		
10	64QAM	1	49	20.19	20.38	20.22		
10	64QAM	25	0	19.19	19.38	19.28	20.5	3
10	64QAM	25	12	19.09	19.21	19.18		
10	64QAM	25	25	19.11	19.29	19.20		
10	64QAM	50	0	19.14	19.19	19.09		
10	256QAM	1	0	17.21	17.31	17.17	18.5	5
10	256QAM	1	25	17.04	17.16	17.13		
10	256QAM	1	49	17.02	17.21	17.16		
10	256QAM	25	0	17.07	17.15	17.02	18.5	5
10	256QAM	25	12	17.16	17.14	17.06		
10	256QAM	25	25	17.09	17.07	17.10		
10	256QAM	50	0	17.05	17.16	17.17		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.15	22.24	22.27	23.5	0
5	QPSK	1	12	21.94	22.20	22.17		
5	QPSK	1	24	22.13	22.20	22.20		
5	QPSK	12	0	21.13	21.21	21.17	22.5	1
5	QPSK	12	7	21.01	21.08	21.03		
5	QPSK	12	13	21.04	21.15	20.93		
5	QPSK	25	0	20.98	21.11	21.07		
5	16QAM	1	0	20.95	21.07	21.08	22.5	1
5	16QAM	1	12	21.08	21.12	21.02		
5	16QAM	1	24	21.02	21.20	20.95		
5	16QAM	12	0	20.30	20.46	20.35	21.5	2
5	16QAM	12	7	20.25	20.22	20.21		
5	16QAM	12	13	20.27	20.22	20.11		
5	16QAM	25	0	20.24	20.26	20.10		
5	64QAM	1	0	20.16	20.31	20.23	21.5	2
5	64QAM	1	12	20.23	20.33	20.16		
5	64QAM	1	24	20.21	20.34	20.19		
5	64QAM	12	0	19.26	19.37	19.20	20.5	3
5	64QAM	12	7	19.06	19.24	19.15		
5	64QAM	12	13	19.14	19.22	19.16		
5	64QAM	25	0	19.19	19.19	19.16		
5	256QAM	1	0	17.15	17.20	17.22	18.5	5
5	256QAM	1	12	17.05	17.16	17.13		
5	256QAM	1	24	17.08	17.13	17.10		
5	256QAM	12	0	17.14	17.13	17.02	18.5	5
5	256QAM	12	7	17.06	17.17	17.05		
5	256QAM	12	13	17.06	17.10	17.10		
5	256QAM	25	0	16.97	17.22	17.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.48	24.53	24.42	25.5	0
20	QPSK	1	49	24.45	24.51	24.30		
20	QPSK	1	99	24.33	24.51	24.36		
20	QPSK	50	0	24.29	24.37	24.16	25.5	0
20	QPSK	50	24	24.18	24.22	24.19		
20	QPSK	50	50	24.27	24.24	24.21		
20	QPSK	100	0	24.26	24.30	24.26		
20	16QAM	1	0	24.23	24.29	24.12	25.5	0
20	16QAM	1	49	24.15	24.25	24.15		
20	16QAM	1	99	24.11	24.17	24.20		
20	16QAM	50	0	23.14	23.38	23.22	24.5	1
20	16QAM	50	24	23.29	23.27	23.17		
20	16QAM	50	50	23.19	23.14	23.19		
20	16QAM	100	0	23.34	23.33	23.28		
20	64QAM	1	0	23.20	23.28	23.13	24.5	1
20	64QAM	1	49	23.09	23.31	23.21		
20	64QAM	1	99	23.07	23.30	23.23		
20	64QAM	50	0	22.31	22.39	22.23	23.5	2
20	64QAM	50	24	22.32	22.29	22.22		
20	64QAM	50	50	22.21	22.24	22.28		
20	64QAM	100	0	22.27	22.35	22.26		
20	256QAM	1	0	20.20	20.34	20.15	21.5	4
20	256QAM	1	49	20.20	20.38	20.18		
20	256QAM	1	99	20.15	20.16	20.27		
20	256QAM	50	0	20.28	20.31	20.23	21.5	4
20	256QAM	50	24	20.18	20.31	20.15		
20	256QAM	50	50	20.17	20.18	20.19		
20	256QAM	100	0	20.23	20.26	20.15		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.43	24.45	24.29	25.5	0
15	QPSK	1	37	24.31	24.49	24.23		
15	QPSK	1	74	24.21	24.43	24.29		
15	QPSK	36	0	24.25	24.26	24.08	25.5	0
15	QPSK	36	20	24.14	24.13	24.13		
15	QPSK	36	39	24.22	24.17	24.10		
15	QPSK	75	0	24.17	24.24	24.18		
15	16QAM	1	0	24.16	24.23	24.09	25.5	0
15	16QAM	1	37	24.11	24.13	24.10		
15	16QAM	1	74	23.99	24.10	24.15		
15	16QAM	36	0	23.07	23.25	23.10	24.5	1
15	16QAM	36	20	23.22	23.22	23.08		
15	16QAM	36	39	23.06	23.11	23.11		
15	16QAM	75	0	23.26	23.21	23.17		
15	64QAM	1	0	23.12	23.16	23.04	24.5	1
15	64QAM	1	37	22.97	23.25	23.14		
15	64QAM	1	74	23.02	23.21	23.19		
15	64QAM	36	0	22.29	22.25	22.14	23.5	2
15	64QAM	36	20	22.18	22.20	22.12		
15	64QAM	36	39	22.14	22.11	22.16		
15	64QAM	75	0	22.25	22.24	22.17		
15	256QAM	1	0	20.14	20.24	20.07	21.5	4
15	256QAM	1	37	20.09	20.25	20.15		
15	256QAM	1	74	20.09	20.02	20.16		
15	256QAM	36	0	20.22	20.24	20.15	21.5	4
15	256QAM	36	20	20.15	20.24	20.10		
15	256QAM	36	39	20.11	20.04	20.12		
15	256QAM	75	0	20.11	20.24	20.10		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.36	24.44	24.38	25.5	0
10	QPSK	1	25	24.34	24.45	24.20		
10	QPSK	1	49	24.27	24.46	24.32		
10	QPSK	25	0	24.21	24.24	24.11	25.5	0
10	QPSK	25	12	24.09	24.10	24.10		
10	QPSK	25	25	24.23	24.19	24.09		
10	QPSK	50	0	24.16	24.24	24.16		
10	16QAM	1	0	24.19	24.21	23.99	25.5	0
10	16QAM	1	25	24.06	24.14	24.10		
10	16QAM	1	49	23.98	24.04	24.14		
10	16QAM	25	0	23.05	23.25	23.14	24.5	1
10	16QAM	25	12	23.27	23.19	23.05		
10	16QAM	25	25	23.06	23.01	23.06		
10	16QAM	50	0	23.30	23.22	23.20		
10	64QAM	1	0	23.08	23.26	23.00	24.5	1
10	64QAM	1	25	22.96	23.28	23.14		
10	64QAM	1	49	22.96	23.19	23.13		
10	64QAM	25	0	22.24	22.28	22.13	23.5	2
10	64QAM	25	12	22.27	22.17	22.16		
10	64QAM	25	25	22.19	22.11	22.15		
10	64QAM	50	0	22.16	22.30	22.18		
10	256QAM	1	0	20.09	20.22	20.05	21.5	4
10	256QAM	1	25	20.10	20.25	20.08		
10	256QAM	1	49	20.11	20.14	20.18		
10	256QAM	25	0	20.24	20.27	20.16	21.5	4
10	256QAM	25	12	20.05	20.19	20.08		
10	256QAM	25	25	20.12	20.07	20.09		
10	256QAM	50	0	20.14	20.12	20.04		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.36	24.46	24.32	25.5	0
5	QPSK	1	12	24.37	24.49	24.24		
5	QPSK	1	24	24.29	24.40	24.23		
5	QPSK	12	0	24.26	24.30	24.13	25.5	0
5	QPSK	12	7	24.06	24.08	24.07		
5	QPSK	12	13	24.16	24.20	24.16		
5	QPSK	25	0	24.13	24.16	24.17		
5	16QAM	1	0	24.20	24.26	24.01	25.5	0
5	16QAM	1	12	24.12	24.19	24.04		
5	16QAM	1	24	24.05	24.04	24.18		
5	16QAM	12	0	23.06	23.32	23.11	24.5	1
5	16QAM	12	7	23.00	23.17	23.04		
5	16QAM	12	13	23.10	23.04	23.16		
5	16QAM	25	0	23.30	23.24	23.21		
5	64QAM	1	0	23.09	23.18	23.04	24.5	1
5	64QAM	1	12	23.02	23.18	23.08		
5	64QAM	1	24	23.03	23.24	23.20		
5	64QAM	12	0	22.20	22.31	22.13	23.5	2
5	64QAM	12	7	22.28	22.19	22.19		
5	64QAM	12	13	22.16	22.18	22.24		
5	64QAM	25	0	22.21	22.26	22.21		
5	256QAM	1	0	20.13	20.20	20.12	21.5	4
5	256QAM	1	12	20.11	20.24	20.12		
5	256QAM	1	24	20.02	20.06	20.21		
5	256QAM	12	0	20.15	20.27	20.11	21.5	4
5	256QAM	12	7	20.13	20.25	20.03		
5	256QAM	12	13	20.05	20.14	20.06		
5	256QAM	25	0	20.20	20.14	20.12		

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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	22.38	22.31	22.41	22.39	22.36	23.5	0
20	QPSK	1	49	22.31	22.22	22.35	22.33	22.27		
20	QPSK	1	99	22.31	22.16	22.37	22.33	22.26		
20	QPSK	50	0	21.21	21.29	21.37	21.24	21.28	22.5	1
20	QPSK	50	24	21.16	21.21	21.32	21.18	21.23		
20	QPSK	50	50	21.05	21.24	21.24	21.10	21.23		
20	QPSK	100	0	21.10	21.16	21.26	21.15	21.13		
20	16QAM	1	0	21.14	21.15	21.21	21.16	21.17	22.5	1
20	16QAM	1	49	21.09	21.22	21.29	21.13	21.16		
20	16QAM	1	99	21.11	21.20	21.22	21.18	21.21		
20	16QAM	50	0	20.36	20.36	20.42	20.37	20.33	21.5	2
20	16QAM	50	24	20.24	20.22	20.26	20.26	20.19		
20	16QAM	50	50	20.27	20.24	20.29	20.26	20.28		
20	16QAM	100	0	20.27	20.24	20.26	20.26	20.24		
20	64QAM	1	0	20.24	20.23	20.35	20.27	20.18	21.5	2
20	64QAM	1	49	20.23	20.28	20.31	20.31	20.20		
20	64QAM	1	99	20.27	20.26	20.36	20.29	20.20		
20	64QAM	50	0	19.33	19.22	19.38	19.30	19.27	20.5	3
20	64QAM	50	24	19.17	19.14	19.28	19.24	19.16		
20	64QAM	50	50	19.23	19.08	19.24	19.16	19.21		
20	64QAM	100	0	19.24	19.11	19.32	19.21	19.12		
20	256QAM	1	0	17.10	17.15	17.23	17.14	17.18	18.5	5
20	256QAM	1	49	16.98	17.06	17.07	17.03	17.07		
20	256QAM	1	99	17.04	17.07	17.12	17.07	17.14		
20	256QAM	50	0	17.04	17.09	17.14	17.00	17.11	18.5	5
20	256QAM	50	24	16.94	17.07	17.12	17.04	17.04		
20	256QAM	50	50	17.03	17.06	17.11	17.00	17.10		
20	256QAM	100	0	17.05	17.07	17.15	17.07	17.14		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.28	22.20	22.25	22.30	22.27	23.5	0
15	QPSK	1	37	22.20	22.08	22.30	22.24	22.18		
15	QPSK	1	74	22.25	22.12	22.22	22.28	22.17		
15	QPSK	36	0	21.10	21.21	21.32	21.17	21.20	22.5	1
15	QPSK	36	20	21.11	21.14	21.28	21.07	21.14		
15	QPSK	36	39	20.92	21.15	21.20	20.98	21.19		
15	QPSK	75	0	21.05	21.11	21.18	21.03	21.03		
15	16QAM	1	0	21.03	21.02	21.17	21.04	21.12	22.5	1
15	16QAM	1	37	20.96	21.08	21.25	21.02	21.12		
15	16QAM	1	74	21.00	21.08	21.09	21.04	21.06		
15	16QAM	36	0	20.24	20.22	20.36	20.32	20.26	21.5	2
15	16QAM	36	20	20.16	20.07	20.12	20.19	20.03		
15	16QAM	36	39	20.16	20.09	20.14	20.12	20.12		
15	16QAM	75	0	20.17	20.13	20.10	20.13	20.09		
15	64QAM	1	0	20.15	20.11	20.28	20.15	20.11	21.5	2
15	64QAM	1	37	20.18	20.16	20.15	20.24	20.07		
15	64QAM	1	74	20.15	20.22	20.20	20.14	20.15		
15	64QAM	36	0	19.18	19.06	19.30	19.22	19.15	20.5	3
15	64QAM	36	20	19.02	18.99	19.22	19.17	19.03		
15	64QAM	36	39	19.11	19.03	19.17	19.10	19.17		
15	64QAM	75	0	19.09	19.00	19.20	19.05	19.00		
15	256QAM	1	0	16.96	17.04	17.12	17.00	17.07	18.5	5
15	256QAM	1	37	16.87	17.00	16.91	16.90	16.92		
15	256QAM	1	74	16.95	17.00	17.03	16.99	17.01		
15	256QAM	36	0	16.91	16.96	17.05	16.91	17.04	18.5	5
15	256QAM	36	20	16.88	16.99	16.98	16.97	16.90		
15	256QAM	36	39	16.93	16.92	16.99	16.91	17.01		
15	256QAM	75	0	17.00	16.97	17.04	17.00	17.08		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.23	22.23	22.28	22.28	22.28	23.5	0
10	QPSK	1	25	22.23	22.12	22.30	22.24	22.14		
10	QPSK	1	49	22.26	22.09	22.21	22.27	22.21		
10	QPSK	25	0	21.10	21.17	21.21	21.16	21.18	22.5	1
10	QPSK	25	12	20.99	21.14	21.19	21.03	21.08		
10	QPSK	25	25	20.94	21.09	21.12	21.01	21.14		
10	QPSK	50	0	20.95	21.11	21.19	21.06	20.99		
10	16QAM	1	0	21.08	21.01	21.08	21.09	21.09	22.5	1
10	16QAM	1	25	21.04	21.08	21.18	20.99	21.11		
10	16QAM	1	49	21.00	21.09	21.15	21.10	21.16		
10	16QAM	25	0	20.24	20.28	20.31	20.27	20.27	21.5	2
10	16QAM	25	12	20.13	20.10	20.16	20.14	20.10		
10	16QAM	25	25	20.22	20.15	20.20	20.15	20.13		
10	16QAM	50	0	20.16	20.10	20.15	20.17	20.14		
10	64QAM	1	0	20.10	20.13	20.21	20.20	20.03	21.5	2
10	64QAM	1	25	20.08	20.19	20.20	20.24	20.13		
10	64QAM	1	49	20.18	20.17	20.23	20.23	20.14		
10	64QAM	25	0	19.20	19.07	19.26	19.15	19.16	20.5	3
10	64QAM	25	12	19.01	19.08	19.18	19.09	19.10		
10	64QAM	25	25	19.09	19.03	19.12	19.12	19.07		
10	64QAM	50	0	19.15	19.07	19.21	19.08	18.99		
10	256QAM	1	0	16.97	17.05	17.14	17.08	17.09	18.5	5
10	256QAM	1	25	16.82	16.99	16.97	16.95	17.02		
10	256QAM	1	49	16.94	16.93	16.97	17.01	16.99		
10	256QAM	25	0	16.92	16.94	17.05	16.88	17.02	18.5	5
10	256QAM	25	12	16.82	16.99	17.03	16.98	16.92		
10	256QAM	25	25	16.98	17.00	17.04	16.91	16.97		
10	256QAM	50	0	16.94	17.03	17.04	16.96	17.01		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	22.31	22.18	22.28	22.25	22.29	23.5	0
5	QPSK	1	12	22.18	22.13	22.30	22.18	22.15		
5	QPSK	1	24	22.25	22.01	22.31	22.22	22.17		
5	QPSK	12	0	21.07	21.14	21.27	21.10	21.19	22.5	1
5	QPSK	12	7	21.10	21.05	21.24	21.07	21.10		
5	QPSK	12	13	20.96	21.15	21.18	21.04	21.11		
5	QPSK	25	0	21.03	21.07	21.15	21.04	21.08		
5	16QAM	1	0	21.03	21.01	21.09	21.08	21.03	22.5	1
5	16QAM	1	12	21.03	21.13	21.18	21.00	21.12		
5	16QAM	1	24	20.96	21.05	21.14	21.07	21.14		
5	16QAM	12	0	20.21	20.27	20.31	20.24	20.17	21.5	2
5	16QAM	12	7	20.17	20.17	20.12	20.18	20.09		
5	16QAM	12	13	20.20	20.19	20.18	20.20	20.17		
5	16QAM	25	0	20.19	20.13	20.20	20.14	20.14		
5	64QAM	1	0	20.17	20.09	20.29	20.11	20.03	21.5	2
5	64QAM	1	12	20.14	20.15	20.23	20.22	20.15		
5	64QAM	1	24	20.20	20.18	20.26	20.17	20.08		
5	64QAM	12	0	19.28	19.06	19.34	19.23	19.22	20.5	3
5	64QAM	12	7	19.03	19.01	19.20	19.15	19.01		
5	64QAM	12	13	19.14	18.98	19.13	19.05	19.10		
5	64QAM	25	0	19.08	19.05	19.20	19.07	19.03		
5	256QAM	1	0	16.98	16.99	17.11	17.07	17.08	18.5	5
5	256QAM	1	12	16.84	16.93	17.00	16.99	17.01		
5	256QAM	1	24	16.98	16.96	17.04	17.00	17.05		
5	256QAM	12	0	16.95	16.94	17.04	16.89	17.05	18.5	5
5	256QAM	12	7	16.86	16.95	17.04	16.95	16.98		
5	256QAM	12	13	16.94	16.95	17.01	16.95	17.03		
5	256QAM	25	0	16.90	16.98	17.10	16.96	17.04		

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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	24.58	24.55	24.61	24.54	24.57	25.5	0
20	QPSK	1	49	24.55	24.51	24.57	24.43	24.53		
20	QPSK	1	99	24.57	24.46	24.55	24.50	24.50		
20	QPSK	50	0	24.36	24.34	24.45	24.28	24.43	25.5	0
20	QPSK	50	24	24.32	24.32	24.35	24.27	24.33		
20	QPSK	50	50	24.42	24.30	24.32	24.34	24.35		
20	QPSK	100	0	24.32	24.35	24.41	24.31	24.39		
20	16QAM	1	0	24.29	24.28	24.38	24.24	24.35	25.5	0
20	16QAM	1	49	24.32	24.27	24.34	24.27	24.24		
20	16QAM	1	99	24.36	24.24	24.31	24.28	24.26		
20	16QAM	50	0	23.35	23.28	23.50	23.29	23.40	24.5	1
20	16QAM	50	24	23.31	23.36	23.39	23.28	23.29		
20	16QAM	50	50	23.42	23.24	23.27	23.29	23.33		
20	16QAM	100	0	23.33	23.38	23.39	23.35	23.45		
20	64QAM	1	0	23.30	23.24	23.40	23.19	23.39	24.5	1
20	64QAM	1	49	23.31	23.22	23.39	23.33	23.28		
20	64QAM	1	99	23.33	23.19	23.32	23.27	23.31		
20	64QAM	50	0	22.37	22.39	22.51	22.32	22.48	23.5	2
20	64QAM	50	24	22.31	22.35	22.39	22.32	22.31		
20	64QAM	50	50	22.46	22.32	22.29	22.34	22.31		
20	64QAM	100	0	22.35	22.33	22.43	22.36	22.36		
20	256QAM	1	0	20.37	20.31	20.48	20.25	20.44	21.5	4
20	256QAM	1	49	20.36	20.33	20.41	20.27	20.35		
20	256QAM	1	99	20.40	20.28	20.30	20.30	20.36		
20	256QAM	50	0	20.35	20.39	20.41	20.33	20.35	21.5	4
20	256QAM	50	24	20.32	20.30	20.39	20.19	20.34		
20	256QAM	50	50	20.31	20.26	20.29	20.32	20.23		
20	256QAM	100	0	20.32	20.29	20.29	20.26	20.29		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.54	24.51	24.58	24.45	24.52	25.5	0
15	QPSK	1	37	24.49	24.42	24.43	24.36	24.44		
15	QPSK	1	74	24.49	24.35	24.49	24.38	24.39		
15	QPSK	36	0	24.28	24.29	24.33	24.20	24.37	25.5	0
15	QPSK	36	20	24.27	24.20	24.30	24.15	24.28		
15	QPSK	36	39	24.39	24.20	24.23	24.24	24.25		
15	QPSK	75	0	24.29	24.30	24.31	24.23	24.31		
15	16QAM	1	0	24.25	24.19	24.32	24.17	24.25	25.5	0
15	16QAM	1	37	24.30	24.15	24.29	24.21	24.13		
15	16QAM	1	74	24.29	24.21	24.28	24.26	24.14		
15	16QAM	36	0	23.31	23.18	23.40	23.16	23.36	24.5	1
15	16QAM	36	20	23.26	23.25	23.30	23.19	23.18		
15	16QAM	36	39	23.36	23.11	23.14	23.26	23.30		
15	16QAM	75	0	23.30	23.31	23.28	23.28	23.34		
15	64QAM	1	0	23.28	23.19	23.36	23.13	23.31	24.5	1
15	64QAM	1	37	23.26	23.16	23.31	23.22	23.20		
15	64QAM	1	74	23.24	23.13	23.27	23.21	23.28		
15	64QAM	36	0	22.26	22.28	22.47	22.24	22.43	23.5	2
15	64QAM	36	20	22.19	22.26	22.33	22.25	22.20		
15	64QAM	36	39	22.33	22.20	22.18	22.21	22.21		
15	64QAM	75	0	22.25	22.26	22.37	22.31	22.30		
15	256QAM	1	0	20.28	20.21	20.41	20.15	20.34	21.5	4
15	256QAM	1	37	20.32	20.23	20.27	20.21	20.30		
15	256QAM	1	74	20.33	20.18	20.19	20.28	20.26		
15	256QAM	36	0	20.32	20.25	20.28	20.28	20.31	21.5	4
15	256QAM	36	20	20.30	20.26	20.27	20.07	20.21		
15	256QAM	36	39	20.29	20.21	20.22	20.18	20.15		
15	256QAM	75	0	20.24	20.17	20.21	20.22	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	24.45	24.48	24.56	24.50	24.53	25.5	0
10	QPSK	1	25	24.50	24.44	24.48	24.34	24.43		
10	QPSK	1	49	24.52	24.37	24.46	24.42	24.37		
10	QPSK	25	0	24.24	24.23	24.40	24.15	24.35	25.5	0
10	QPSK	25	12	24.24	24.20	24.26	24.20	24.30		
10	QPSK	25	25	24.34	24.20	24.23	24.29	24.21		
10	QPSK	50	0	24.27	24.22	24.29	24.19	24.36		
10	16QAM	1	0	24.17	24.24	24.27	24.14	24.28	25.5	0
10	16QAM	1	25	24.24	24.21	24.32	24.13	24.12		
10	16QAM	1	49	24.29	24.17	24.17	24.25	24.15		
10	16QAM	25	0	23.30	23.25	23.47	23.20	23.29	24.5	1
10	16QAM	25	12	23.22	23.30	23.29	23.21	23.22		
10	16QAM	25	25	23.31	23.15	23.22	23.18	23.30		
10	16QAM	50	0	23.22	23.33	23.33	23.23	23.42		
10	64QAM	1	0	23.19	23.18	23.36	23.13	23.28	24.5	1
10	64QAM	1	25	23.29	23.09	23.28	23.22	23.26		
10	64QAM	1	49	23.23	23.12	23.20	23.22	23.27		
10	64QAM	25	0	22.25	22.31	22.39	22.28	22.45	23.5	2
10	64QAM	25	12	22.25	22.31	22.29	22.23	22.25		
10	64QAM	25	25	22.34	22.28	22.19	22.27	22.19		
10	64QAM	50	0	22.30	22.24	22.40	22.31	22.24		
10	256QAM	1	0	20.26	20.18	20.39	20.19	20.36	21.5	4
10	256QAM	1	25	20.29	20.21	20.27	20.17	20.23		
10	256QAM	1	49	20.33	20.14	20.20	20.27	20.26		
10	256QAM	25	0	20.26	20.37	20.37	20.24	20.27	21.5	4
10	256QAM	25	12	20.21	20.19	20.31	20.07	20.31		
10	256QAM	25	25	20.25	20.19	20.24	20.26	20.17		
10	256QAM	50	0	20.23	20.17	20.21	20.20	20.25		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	24.50	24.48	24.57	24.44	24.46	25.5	0
5	QPSK	1	12	24.41	24.39	24.55	24.32	24.47		
5	QPSK	1	24	24.44	24.33	24.42	24.44	24.37		
5	QPSK	12	0	24.28	24.31	24.40	24.15	24.39	25.5	0
5	QPSK	12	7	24.24	24.24	24.26	24.22	24.20		
5	QPSK	12	13	24.38	24.25	24.24	24.23	24.31		
5	QPSK	25	0	24.23	24.25	24.29	24.19	24.37		
5	16QAM	1	0	24.16	24.21	24.26	24.11	24.22	25.5	0
5	16QAM	1	12	24.25	24.21	24.26	24.13	24.12		
5	16QAM	1	24	24.33	24.17	24.19	24.19	24.16		
5	16QAM	12	0	23.29	23.16	23.47	23.25	23.37	24.5	1
5	16QAM	12	7	23.21	23.30	23.26	23.17	23.25		
5	16QAM	12	13	23.31	23.11	23.17	23.21	23.22		
5	16QAM	25	0	23.27	23.34	23.31	23.30	23.37		
5	64QAM	1	0	23.23	23.14	23.35	23.15	23.34	24.5	1
5	64QAM	1	12	23.25	23.19	23.33	23.24	23.17		
5	64QAM	1	24	23.21	23.16	23.25	23.22	23.20		
5	64QAM	12	0	22.34	22.33	22.48	22.20	22.41	23.5	2
5	64QAM	12	7	22.22	22.25	22.28	22.21	22.23		
5	64QAM	12	13	22.43	22.23	22.17	22.24	22.20		
5	64QAM	25	0	22.27	22.27	22.30	22.28	22.27		
5	256QAM	1	0	20.29	20.20	20.42	20.20	20.33	21.5	4
5	256QAM	1	12	20.28	20.22	20.37	20.14	20.31		
5	256QAM	1	24	20.37	20.18	20.23	20.23	20.26		
5	256QAM	12	0	20.33	20.37	20.34	20.23	20.31	21.5	4
5	256QAM	12	7	20.25	20.18	20.33	20.15	20.20		
5	256QAM	12	13	20.22	20.14	20.20	20.19	20.21		
5	256QAM	25	0	20.24	20.22	20.19	20.15	20.18		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3580	3575	3590		
20	QPSK	1	0	19.49	19.56	19.43	20.4	0
20	QPSK	1	49	19.35	19.42	19.42		
20	QPSK	1	99	19.44	19.40	19.34		
20	QPSK	50	0	19.47	19.52	19.43		
20	QPSK	50	24	19.43	19.32	19.39		
20	QPSK	50	50	19.40	19.43	19.25		
20	QPSK	100	0	19.41	19.47	19.43		
20	16QAM	1	0	19.37	19.42	19.43		
20	16QAM	1	49	19.32	19.29	19.38		
20	16QAM	1	99	19.35	19.26	19.22		
20	16QAM	50	0	19.29	19.45	19.22		
20	16QAM	50	24	19.38	19.33	19.26		
20	16QAM	50	50	19.31	19.35	19.23		
20	16QAM	100	0	19.34	19.32	19.37		
20	64QAM	1	0	19.37	19.41	19.34		
20	64QAM	1	49	19.32	19.33	19.29		
20	64QAM	1	99	19.24	19.36	19.23		
20	64QAM	50	0	19.27	19.36	19.26		
20	64QAM	50	24	19.31	19.26	19.18		
20	64QAM	50	50	19.24	19.35	19.14		
20	64QAM	100	0	19.38	19.36	19.34		
20	256QAM	1	0	18.14	18.07	18.02		
20	256QAM	1	49	18.02	18.11	17.96	19	1.4
20	256QAM	1	99	17.95	18.09	17.99		
20	256QAM	50	0	18.02	18.09	17.97		
20	256QAM	50	24	18.07	17.92	17.89		
20	256QAM	50	50	17.99	18.12	17.83		
20	256QAM	100	0	17.94	18.11	18.10		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3575	3592.5		
15	QPSK	1	0	19.37	19.44	19.38	20.4	0
15	QPSK	1	37	19.28	19.28	19.27		
15	QPSK	1	74	19.34	19.36	19.23		
15	QPSK	36	0	19.38	19.39	19.31		
15	QPSK	36	20	19.30	19.25	19.33		
15	QPSK	36	39	19.32	19.31	19.12		
15	QPSK	75	0	19.32	19.35	19.39		
15	16QAM	1	0	19.28	19.35	19.35		
15	16QAM	1	37	19.26	19.24	19.34		
15	16QAM	1	74	19.21	19.12	19.12		
15	16QAM	36	0	19.14	19.32	19.09		
15	16QAM	36	20	19.30	19.22	19.12		
15	16QAM	36	39	19.16	19.22	19.12		
15	16QAM	75	0	19.20	19.22	19.26		
15	64QAM	1	0	19.33	19.34	19.29		
15	64QAM	1	37	19.28	19.23	19.25		
15	64QAM	1	74	19.18	19.26	19.17		
15	64QAM	36	0	19.22	19.29	19.15		
15	64QAM	36	20	19.24	19.12	19.15		
15	64QAM	36	39	19.20	19.30	19.06		
15	64QAM	75	0	19.30	19.29	19.31		
15	256QAM	1	0	18.08	17.98	17.92		
15	256QAM	1	37	17.99	18.04	17.89	19	1.4
15	256QAM	1	74	17.82	18.05	17.93		
15	256QAM	36	0	17.91	17.96	17.88		
15	256QAM	36	20	17.93	17.78	17.78		
15	256QAM	36	39	17.86	18.04	17.76		
15	256QAM	75	0	17.81	17.99	17.99		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	19.35	19.42	19.36	20.4	0
10	QPSK	1	25	19.23	19.39	19.29		
10	QPSK	1	49	19.29	19.33	19.21		
10	QPSK	25	0	19.33	19.47	19.33		
10	QPSK	25	12	19.31	19.19	19.36		
10	QPSK	25	25	19.26	19.33	19.13		
10	QPSK	50	0	19.30	19.41	19.33		
10	16QAM	1	0	19.28	19.32	19.39		
10	16QAM	1	25	19.23	19.23	19.24		
10	16QAM	1	49	19.27	19.12	19.14		
10	16QAM	25	0	19.26	19.31	19.09		
10	16QAM	25	12	19.25	19.21	19.14		
10	16QAM	25	25	19.22	19.21	19.12		
10	16QAM	50	0	19.23	19.28	19.31		
10	64QAM	1	0	19.32	19.33	19.25		
10	64QAM	1	25	19.20	19.25	19.15		
10	64QAM	1	49	19.19	19.24	19.18		
10	64QAM	25	0	19.21	19.23	19.22		
10	64QAM	25	12	19.27	19.23	19.06		
10	64QAM	25	25	19.10	19.28	19.09		
10	64QAM	50	0	19.31	19.28	19.28		
10	256QAM	1	0	18.09	17.96	17.95		
10	256QAM	1	25	17.89	18.06	17.82	19	1.4
10	256QAM	1	49	17.85	18.05	17.87		
10	256QAM	25	0	17.90	18.05	17.90		
10	256QAM	25	12	18.01	17.84	17.84		
10	256QAM	25	25	17.87	18.07	17.79		
10	256QAM	50	0	17.79	18.01	17.95		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3575	3597.5		
5	QPSK	1	0	19.35	19.47	19.33	20.4	0
5	QPSK	1	12	19.23	19.28	19.33		
5	QPSK	1	24	19.39	19.27	19.21		
5	QPSK	12	0	19.40	19.39	19.32		
5	QPSK	12	7	19.28	19.19	19.28		
5	QPSK	12	13	19.35	19.37	19.20		
5	QPSK	25	0	19.31	19.36	19.33		
5	16QAM	1	0	19.32	19.32	19.37		
5	16QAM	1	12	19.29	19.16	19.29		
5	16QAM	1	24	19.23	19.14	19.13		
5	16QAM	12	0	19.17	19.41	19.18		
5	16QAM	12	7	19.34	19.24	19.12		
5	16QAM	12	13	19.17	19.24	19.11		
5	16QAM	25	0	19.28	19.27	19.33		
5	64QAM	1	0	19.26	19.38	19.26		
5	64QAM	1	12	19.25	19.28	19.16		
5	64QAM	1	24	19.20	19.32	19.12		
5	64QAM	12	0	19.16	19.30	19.23		
5	64QAM	12	7	19.25	19.23	19.04		
5	64QAM	12	13	19.12	19.24	19.03		
5	64QAM	25	0	19.31	19.30	19.22		
5	256QAM	1	0	18.01	17.99	17.98		
5	256QAM	1	12	17.99	18.07	17.91	19	1.4
5	256QAM	1	24	17.85	17.96	17.88		
5	256QAM	12	0	17.88	18.02	17.89		
5	256QAM	12	7	17.97	17.87	17.83		
5	256QAM	12	13	17.86	18.03	17.75		
5	256QAM	25	0	17.88	17.98	18.00		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3480	3500	3540		
20	QPSK	1	0	19.55	19.60	19.57	20.4	0
20	QPSK	1	49	19.48	19.52	19.47		
20	QPSK	1	99	19.47	19.52	19.44		
20	QPSK	50	0	19.51	19.57	19.49		
20	QPSK	50	24	19.49	19.44	19.42		
20	QPSK	50	50	19.45	19.51	19.39		
20	QPSK	100	0	19.54	19.55	19.50		
20	16QAM	1	0	19.44	19.52	19.53		
20	16QAM	1	49	19.36	19.41	19.43		
20	16QAM	1	99	19.41	19.38	19.30		
20	16QAM	50	0	19.41	19.52	19.36		
20	16QAM	50	24	19.41	19.40	19.34		
20	16QAM	50	50	19.37	19.41	19.30		
20	16QAM	100	0	19.45	19.44	19.41		
20	64QAM	1	0	19.51	19.50	19.43		
20	64QAM	1	49	19.39	19.44	19.38		
20	64QAM	1	99	19.33	19.41	19.32		
20	64QAM	50	0	19.36	19.44	19.38		
20	64QAM	50	24	19.38	19.40	19.32		
20	64QAM	50	50	19.38	19.43	19.26		
20	64QAM	100	0	19.47	19.49	19.43		
20	256QAM	1	0	18.21	18.17	18.15		
20	256QAM	1	49	18.10	18.15	18.10	19	1.4
20	256QAM	1	99	18.01	18.14	18.05		
20	256QAM	50	0	18.06	18.16	18.12		
20	256QAM	50	24	18.10	17.98	17.99		
20	256QAM	50	50	18.07	18.16	17.96		
20	256QAM	100	0	18.08	18.15	18.14		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.51	19.53	19.45	20.4	0
15	QPSK	1	37	19.42	19.49	19.39		
15	QPSK	1	74	19.35	19.43	19.39		
15	QPSK	36	0	19.43	19.48	19.39		
15	QPSK	36	20	19.40	19.29	19.28		
15	QPSK	36	39	19.34	19.37	19.36		
15	QPSK	75	0	19.50	19.46	19.44		
15	16QAM	1	0	19.30	19.42	19.49		
15	16QAM	1	37	19.24	19.34	19.30		
15	16QAM	1	74	19.27	19.29	19.20		
15	16QAM	36	0	19.31	19.48	19.29		
15	16QAM	36	20	19.29	19.31	19.21		
15	16QAM	36	39	19.28	19.38	19.16		
15	16QAM	75	0	19.33	19.33	19.32		
15	64QAM	1	0	19.46	19.46	19.39		
15	64QAM	1	37	19.35	19.31	19.27		
15	64QAM	1	74	19.23	19.27	19.25		
15	64QAM	36	0	19.25	19.34	19.32		
15	64QAM	36	20	19.24	19.26	19.25		
15	64QAM	36	39	19.34	19.32	19.15		
15	64QAM	75	0	19.32	19.37	19.35		
15	256QAM	1	0	18.08	18.06	18.11		
15	256QAM	1	37	18.00	18.01	17.99	19	1.4
15	256QAM	1	74	17.94	18.01	17.96		
15	256QAM	36	0	18.02	18.09	18.08		
15	256QAM	36	20	18.07	17.91	17.93	19	1.4
15	256QAM	36	39	17.98	18.12	17.90		
15	256QAM	75	0	18.00	18.07	18.04		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.46	19.55	19.53	20.4	0
10	QPSK	1	25	19.42	19.46	19.43		
10	QPSK	1	49	19.41	19.43	19.31		
10	QPSK	25	0	19.39	19.45	19.42		
10	QPSK	25	12	19.41	19.38	19.38		
10	QPSK	25	25	19.38	19.45	19.33		
10	QPSK	50	0	19.50	19.41	19.45		
10	16QAM	1	0	19.34	19.39	19.41		
10	16QAM	1	25	19.25	19.31	19.30		
10	16QAM	1	49	19.33	19.33	19.22		
10	16QAM	25	0	19.38	19.38	19.26		
10	16QAM	25	12	19.27	19.35	19.27		
10	16QAM	25	25	19.30	19.37	19.26		
10	16QAM	50	0	19.42	19.36	19.36		
10	64QAM	1	0	19.45	19.40	19.33		
10	64QAM	1	25	19.35	19.33	19.30		
10	64QAM	1	49	19.28	19.27	19.20		
10	64QAM	25	0	19.28	19.33	19.24		
10	64QAM	25	12	19.33	19.37	19.24		
10	64QAM	25	25	19.29	19.38	19.22		
10	64QAM	50	0	19.36	19.44	19.33		
10	256QAM	1	0	18.16	18.11	18.05		
10	256QAM	1	25	17.97	18.06	17.98	19	1.4
10	256QAM	1	49	17.90	18.06	17.97		
10	256QAM	25	0	18.00	18.11	18.04		
10	256QAM	25	12	18.03	17.91	17.95	19	1.4
10	256QAM	25	25	17.98	18.13	17.87		
10	256QAM	50	0	18.00	18.02	18.08		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.40	19.57	19.53	20.4	0
5	QPSK	1	12	19.37	19.42	19.34		
5	QPSK	1	24	19.42	19.44	19.31		
5	QPSK	12	0	19.40	19.43	19.34		
5	QPSK	12	7	19.36	19.35	19.39		
5	QPSK	12	13	19.37	19.36	19.32		
5	QPSK	25	0	19.50	19.47	19.41		
5	16QAM	1	0	19.37	19.42	19.41		
5	16QAM	1	12	19.22	19.32	19.33		
5	16QAM	1	24	19.36	19.28	19.27		
5	16QAM	12	0	19.33	19.48	19.27		
5	16QAM	12	7	19.37	19.27	19.27		
5	16QAM	12	13	19.28	19.32	19.17		
5	16QAM	25	0	19.36	19.35	19.37		
5	64QAM	1	0	19.41	19.42	19.37		
5	64QAM	1	12	19.33	19.35	19.28		
5	64QAM	1	24	19.28	19.36	19.29		
5	64QAM	12	0	19.30	19.41	19.32		
5	64QAM	12	7	19.30	19.34	19.29		
5	64QAM	12	13	19.29	19.35	19.21		
5	64QAM	25	0	19.43	19.42	19.29		
5	256QAM	1	0	18.10	18.06	18.00		
5	256QAM	1	12	17.98	18.03	17.99	19	1.4
5	256QAM	1	24	17.96	18.10	17.90		
5	256QAM	12	0	17.97	18.02	18.02		
5	256QAM	12	7	17.97	17.92	17.90		
5	256QAM	12	13	18.02	18.06	17.89		
5	256QAM	25	0	18.02	18.07	18.03		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44215	44240		
Frequency (MHz)				3680	3682.5	3685		
20	QPSK	1	0	19.46	19.59	19.48	20.4	0
20	QPSK	1	49	19.43	19.52	19.41		
20	QPSK	1	99	19.39	19.36	19.36		
20	QPSK	50	0	19.41	19.54	19.43	20.4	0
20	QPSK	50	24	19.43	19.47	19.45		
20	QPSK	50	50	19.43	19.43	19.46		
20	QPSK	100	0	19.46	19.52	19.45		
20	16QAM	1	0	19.38	19.46	19.43	20.4	0
20	16QAM	1	49	19.27	19.43	19.32		
20	16QAM	1	99	19.36	19.31	19.28		
20	16QAM	50	0	19.43	19.51	19.34	20.4	0
20	16QAM	50	24	19.36	19.43	19.28		
20	16QAM	50	50	19.37	19.23	19.30		
20	16QAM	100	0	19.36	19.43	19.40		
20	64QAM	1	0	19.51	19.39	19.41	20.4	0
20	64QAM	1	49	19.34	19.41	19.35		
20	64QAM	1	99	19.29	19.39	19.27		
20	64QAM	50	0	19.32	19.49	19.34	20.4	0
20	64QAM	50	24	19.40	19.43	19.37		
20	64QAM	50	50	19.36	19.31	19.30		
20	64QAM	100	0	19.31	19.45	19.38		
20	256QAM	1	0	18.20	18.15	18.15	19	1.4
20	256QAM	1	49	17.97	18.02	18.03		
20	256QAM	1	99	17.93	17.90	17.84		
20	256QAM	50	0	17.98	18.20	18.12	19	1.4
20	256QAM	50	24	18.05	18.04	18.10		
20	256QAM	50	50	17.89	18.09	18.00		
20	256QAM	100	0	18.13	18.11	18.01		
Channel				44165	44215	44265	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3682.5	3667.5		
15	QPSK	1	0	19.42	19.51	19.44	20.4	0
15	QPSK	1	37	19.33	19.40	19.26		
15	QPSK	1	74	19.25	19.31	19.23		
15	QPSK	36	0	19.31	19.48	19.29	20.4	0
15	QPSK	36	20	19.34	19.34	19.36		
15	QPSK	36	39	19.31	19.33	19.38		
15	QPSK	75	0	19.33	19.39	19.41		
15	16QAM	1	0	19.28	19.33	19.31	20.4	0
15	16QAM	1	37	19.18	19.38	19.20		
15	16QAM	1	74	19.29	19.21	19.14		
15	16QAM	36	0	19.36	19.46	19.26	20.4	0
15	16QAM	36	20	19.27	19.28	19.18		
15	16QAM	36	39	19.26	19.14	19.21		
15	16QAM	75	0	19.30	19.39	19.31		
15	64QAM	1	0	19.40	19.28	19.27	20.4	0
15	64QAM	1	37	19.19	19.33	19.28		
15	64QAM	1	74	19.21	19.31	19.14		
15	64QAM	36	0	19.25	19.35	19.26	20.4	0
15	64QAM	36	20	19.27	19.32	19.28		
15	64QAM	36	39	19.25	19.22	19.20		
15	64QAM	75	0	19.27	19.31	19.33		
15	256QAM	1	0	18.11	18.10	18.04	19	1.4
15	256QAM	1	37	17.87	17.95	17.91		
15	256QAM	1	74	17.81	17.86	17.76		
15	256QAM	36	0	17.93	18.14	18.03	19	1.4
15	256QAM	36	20	17.94	17.94	18.02		
15	256QAM	36	39	17.83	17.94	17.91		
15	256QAM	75	0	18.00	18.04	17.92		
Channel				44140	44215	44290	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3655	3682.5	3670		
10	QPSK	1	0	19.38	19.46	19.35	20.4	0
10	QPSK	1	25	19.38	19.42	19.32		
10	QPSK	1	49	19.30	19.29	19.29		
10	QPSK	25	0	19.35	19.50	19.37	20.4	0
10	QPSK	25	12	19.28	19.42	19.32		
10	QPSK	25	25	19.39	19.31	19.32		
10	QPSK	50	0	19.37	19.43	19.37		
10	16QAM	1	0	19.30	19.37	19.38	20.4	0
10	16QAM	1	25	19.20	19.33	19.24		
10	16QAM	1	49	19.26	19.21	19.24		
10	16QAM	25	0	19.30	19.38	19.21	20.4	0
10	16QAM	25	12	19.25	19.30	19.14		
10	16QAM	25	25	19.34	19.09	19.23		
10	16QAM	50	0	19.28	19.31	19.34		
10	64QAM	1	0	19.39	19.26	19.35	20.4	0
10	64QAM	1	25	19.22	19.37	19.30		
10	64QAM	1	49	19.25	19.28	19.22		
10	64QAM	25	0	19.20	19.44	19.27	20.4	0
10	64QAM	25	12	19.27	19.28	19.23		
10	64QAM	25	25	19.29	19.21	19.24		
10	64QAM	50	0	19.22	19.31	19.29		
10	256QAM	1	0	18.07	18.09	18.02	19	1.4
10	256QAM	1	25	17.90	17.99	17.89		
10	256QAM	1	49	17.84	17.80	17.74		
10	256QAM	25	0	17.85	18.13	18.00	19	1.4
10	256QAM	25	12	17.95	17.97	18.02		
10	256QAM	25	25	17.82	18.00	17.92		
10	256QAM	50	0	18.09	18.05	17.89		
Channel				44115	44215	44315	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3632.5	3682.5	3672.5		
5	QPSK	1	0	19.38	19.54	19.36	20.4	0
5	QPSK	1	12	19.32	19.39	19.34		
5	QPSK	1	24	19.27	19.28	19.31		
5	QPSK	12	0	19.35	19.44	19.34	20.4	0
5	QPSK	12	7	19.36	19.34	19.35		
5	QPSK	12	13	19.31	19.33	19.36		
5	QPSK	25	0	19.35	19.47	19.32		
5	16QAM	1	0	19.28	19.36	19.34	20.4	0
5	16QAM	1	12	19.21	19.28	19.22		
5	16QAM	1	24	19.22	19.26	19.21		
5	16QAM	12	0	19.30	19.40	19.28	20.4	0
5	16QAM	12	7	19.21	19.32	19.23		
5	16QAM	12	13	19.34	19.10	19.23		
5	16QAM	25	0	19.24	19.37	19.35		
5	64QAM	1	0	19.37	19.25	19.28	20.4	0
5	64QAM	1	12	19.23	19.35	19.20		
5	64QAM	1	24	19.26	19.34	19.15		
5	64QAM	12	0	19.18	19.39	19.27	20.4	0
5	64QAM	12	7	19.31	19.39	19.24		
5	64QAM	12	13	19.24	19.19	19.19		
5	64QAM	25	0	19.24	19.33	19.33		
5	256QAM	1	0	18.10	18.11	18.08	19	1.4
5	256QAM	1	12	17.85	17.89	17.97		
5	256QAM	1	24	17.89	17.80	17.76		
5	256QAM	12	0	17.94	18.08	17.97	19	1.4
5	256QAM	12	7	18.00	17.94	18.03		
5	256QAM	12	13	17.76	17.95	17.87		
5	256QAM	25	0	18.09	18.01	17.97		

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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	19.65	19.59	19.56	20.4	0
20	QPSK	1	49	19.47	19.56	19.49	19.47		
20	QPSK	1	99	19.44	19.49	19.43	19.42		
20	QPSK	50	0	19.52	19.62	19.53	19.45	20.4	0
20	QPSK	50	24	19.49	19.52	19.52	19.45		
20	QPSK	50	50	19.47	19.50	19.52	19.39		
20	QPSK	100	0	19.50	19.58	19.51	19.56		
20	16QAM	1	0	19.52	19.54	19.52	19.47	20.4	0
20	16QAM	1	49	19.35	19.55	19.41	19.42		
20	16QAM	1	99	19.40	19.43	19.34	19.42		
20	16QAM	50	0	19.49	19.62	19.42	19.35	20.4	0
20	16QAM	50	24	19.45	19.48	19.40	19.35		
20	16QAM	50	50	19.41	19.38	19.40	19.28		
20	16QAM	100	0	19.49	19.52	19.47	19.53		
20	64QAM	1	0	19.55	19.53	19.53	19.45	20.4	0
20	64QAM	1	49	19.42	19.53	19.44	19.41		
20	64QAM	1	99	19.39	19.49	19.34	19.33		
20	64QAM	50	0	19.42	19.52	19.43	19.40	20.4	0
20	64QAM	50	24	19.45	19.51	19.50	19.36		
20	64QAM	50	50	19.47	19.46	19.45	19.35		
20	64QAM	100	0	19.44	19.52	19.41	19.46		
20	256QAM	1	0	18.24	18.26	18.23	18.11	19	1.4
20	256QAM	1	49	18.05	18.16	18.07	18.03		
20	256QAM	1	99	18.04	18.04	17.97	18.00		
20	256QAM	50	0	18.08	18.27	18.16	18.06	19	1.4
20	256QAM	50	24	18.09	18.10	18.15	18.10		
20	256QAM	50	50	18.02	18.13	18.08	18.02		
20	256QAM	100	0	18.16	18.24	18.06	18.16		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.54	19.57	19.56	19.51	20.4	0
15	QPSK	1	37	19.33	19.42	19.38	19.34		
15	QPSK	1	74	19.38	19.39	19.37	19.37		
15	QPSK	36	0	19.39	19.58	19.46	19.40	20.4	0
15	QPSK	36	20	19.41	19.41	19.44	19.31		
15	QPSK	36	39	19.41	19.40	19.46	19.28		
15	QPSK	75	0	19.40	19.52	19.38	19.50		
15	16QAM	1	0	19.37	19.43	19.37	19.43	20.4	0
15	16QAM	1	37	19.23	19.44	19.27	19.31		
15	16QAM	1	74	19.27	19.30	19.30	19.32		
15	16QAM	36	0	19.38	19.52	19.39	19.27	20.4	0
15	16QAM	36	20	19.34	19.38	19.34	19.21		
15	16QAM	36	39	19.35	19.32	19.30	19.17		
15	16QAM	75	0	19.44	19.45	19.39	19.42		
15	64QAM	1	0	19.40	19.49	19.45	19.32	20.4	0
15	64QAM	1	37	19.29	19.40	19.34	19.33		
15	64QAM	1	74	19.35	19.42	19.26	19.23		
15	64QAM	36	0	19.35	19.48	19.36	19.36	20.4	0
15	64QAM	36	20	19.40	19.41	19.43	19.27		
15	64QAM	36	39	19.38	19.31	19.30	19.29		
15	64QAM	75	0	19.38	19.48	19.34	19.42		
15	256QAM	1	0	18.20	18.15	18.10	18.07	19	1.4
15	256QAM	1	37	18.01	18.10	18.00	17.98		
15	256QAM	1	74	17.96	17.97	17.84	17.87		
15	256QAM	36	0	17.94	18.22	18.09	17.98	19	1.4
15	256QAM	36	20	17.95	18.07	18.02	17.99		
15	256QAM	36	39	17.95	17.98	17.93	17.96		
15	256QAM	75	0	18.02	18.20	18.00	18.02		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.52	19.54	19.51	19.43	20.4	0
10	QPSK	1	25	19.40	19.52	19.41	19.40		
10	QPSK	1	49	19.29	19.40	19.35	19.38		
10	QPSK	25	0	19.39	19.54	19.43	19.35	20.4	0
10	QPSK	25	12	19.38	19.44	19.45	19.32		
10	QPSK	25	25	19.37	19.40	19.43	19.32		
10	QPSK	50	0	19.45	19.50	19.45	19.43		
10	16QAM	1	0	19.41	19.45	19.44	19.44	20.4	0
10	16QAM	1	25	19.28	19.43	19.36	19.30		
10	16QAM	1	49	19.34	19.33	19.30	19.29		
10	16QAM	25	0	19.42	19.47	19.35	19.23	20.4	0
10	16QAM	25	12	19.35	19.34	19.29	19.27		
10	16QAM	25	25	19.36	19.29	19.28	19.15		
10	16QAM	50	0	19.38	19.41	19.36	19.48		
10	64QAM	1	0	19.48	19.39	19.47	19.32	20.4	0
10	64QAM	1	25	19.33	19.46	19.34	19.31		
10	64QAM	1	49	19.34	19.41	19.29	19.22		
10	64QAM	25	0	19.38	19.49	19.39	19.36	20.4	0
10	64QAM	25	12	19.37	19.38	19.36	19.27		
10	64QAM	25	25	19.44	19.36	19.38	19.31		
10	64QAM	50	0	19.36	19.40	19.33	19.33		
10	256QAM	1	0	18.11	18.20	18.09	17.96	19	1.4
10	256QAM	1	25	18.02	18.11	17.92	17.94		
10	256QAM	1	49	17.95	17.94	17.84	17.95		
10	256QAM	25	0	18.05	18.18	18.06	17.92	19	1.4
10	256QAM	25	12	17.96	17.98	18.01	17.98		
10	256QAM	25	25	17.99	18.08	17.94	17.93		
10	256QAM	50	0	18.08	18.10	17.93	18.01		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652.5	3607	3645	3697.5		
5	QPSK	1	0	19.45	19.51	19.55	19.41	20.4	0
5	QPSK	1	12	19.42	19.42	19.44	19.38		
5	QPSK	1	24	19.36	19.43	19.29	19.38		
5	QPSK	12	0	19.44	19.56	19.40	19.30	20.4	0
5	QPSK	12	7	19.37	19.42	19.43	19.41		
5	QPSK	12	13	19.35	19.44	19.40	19.30		
5	QPSK	25	0	19.39	19.50	19.42	19.43		
5	16QAM	1	0	19.41	19.50	19.44	19.40	20.4	0
5	16QAM	1	12	19.24	19.41	19.32	19.37		
5	16QAM	1	24	19.35	19.37	19.24	19.28		
5	16QAM	12	0	19.38	19.49	19.30	19.27	20.4	0
5	16QAM	12	7	19.41	19.33	19.31	19.28		
5	16QAM	12	13	19.26	19.27	19.35	19.14		
5	16QAM	25	0	19.44	19.39	19.36	19.44		
5	64QAM	1	0	19.42	19.40	19.48	19.30	20.4	0
5	64QAM	1	12	19.38	19.48	19.38	19.32		
5	64QAM	1	24	19.29	19.35	19.22	19.20		
5	64QAM	12	0	19.29	19.44	19.36	19.34	20.4	0
5	64QAM	12	7	19.34	19.40	19.38	19.26		
5	64QAM	12	13	19.36	19.32	19.38	19.23		
5	64QAM	25	0	19.32	19.49	19.31	19.43		
5	256QAM	1	0	18.10	18.20	18.16	18.03	19	1.4
5	256QAM	1	12	17.96	18.08	17.94	17.90		
5	256QAM	1	24	17.92	17.91	17.86	17.87		
5	256QAM	12	0	17.98	18.17	18.13	18.01	19	1.4
5	256QAM	12	7	18.02	18.02	18.08	18.00		
5	256QAM	12	13	17.89	18.05	17.95	17.90		
5	256QAM	25	0	18.04	18.16	17.93	18.03		

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BW [MHz]	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	18.50	18.56	18.52	19.6	0
20	QPSK	1	49	18.43	18.43	18.45		
20	QPSK	1	99	18.36	18.42	18.44		
20	QPSK	50	0	18.39	18.50	18.48	19.6	0
20	QPSK	50	24	18.39	18.46	18.37		
20	QPSK	50	50	18.41	18.41	18.40		
20	QPSK	100	0	18.41	18.47	18.45		
20	16QAM	1	0	18.42	18.45	18.41	19.6	0
20	16QAM	1	49	18.37	18.41	18.34		
20	16QAM	1	99	18.29	18.37	18.40		
20	16QAM	50	0	18.30	18.45	18.43	19.6	0
20	16QAM	50	24	18.33	18.36	18.27		
20	16QAM	50	50	18.35	18.39	18.37		
20	16QAM	100	0	18.38	18.44	18.33		
20	64QAM	1	0	18.46	18.46	18.45	19.6	0
20	64QAM	1	49	18.39	18.39	18.38		
20	64QAM	1	99	18.32	18.40	18.33		
20	64QAM	50	0	18.28	18.39	18.38	19.6	0
20	64QAM	50	24	18.33	18.41	18.30		
20	64QAM	50	50	18.40	18.37	18.38		
20	64QAM	100	0	18.41	18.36	18.44		
20	256QAM	1	0	18.35	18.45	18.39	19.5	0.1
20	256QAM	1	49	18.23	18.28	18.33		
20	256QAM	1	99	18.15	18.20	18.24		
20	256QAM	50	0	18.26	18.40	18.32	19.5	0.1
20	256QAM	50	24	18.18	18.24	18.15		
20	256QAM	50	50	18.30	18.28	18.26		
20	256QAM	100	0	18.23	18.30	18.29		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.45	18.52	18.47	19.6	0
15	QPSK	1	37	18.31	18.36	18.41		
15	QPSK	1	74	18.28	18.32	18.43		
15	QPSK	36	0	18.31	18.39	18.39	19.6	0
15	QPSK	36	20	18.37	18.44	18.31		
15	QPSK	36	39	18.31	18.30	18.39		
15	QPSK	75	0	18.29	18.36	18.39		
15	16QAM	1	0	18.39	18.35	18.40	19.6	0
15	16QAM	1	37	18.36	18.40	18.31		
15	16QAM	1	74	18.19	18.28	18.35		
15	16QAM	36	0	18.18	18.34	18.33	19.6	0
15	16QAM	36	20	18.30	18.28	18.26		
15	16QAM	36	39	18.23	18.35	18.35		
15	16QAM	75	0	18.33	18.39	18.25		
15	64QAM	1	0	18.45	18.36	18.44	19.6	0
15	64QAM	1	37	18.32	18.36	18.35		
15	64QAM	1	74	18.28	18.30	18.23		
15	64QAM	36	0	18.26	18.37	18.31	19.6	0
15	64QAM	36	20	18.30	18.37	18.28		
15	64QAM	36	39	18.39	18.26	18.35		
15	64QAM	75	0	18.41	18.25	18.37		
15	256QAM	1	0	18.32	18.39	18.28	19.5	0.1
15	256QAM	1	37	18.23	18.16	18.24		
15	256QAM	1	74	18.03	18.16	18.13		
15	256QAM	36	0	18.16	18.35	18.21	19.5	0.1
15	256QAM	36	20	18.08	18.16	18.04		
15	256QAM	36	39	18.20	18.19	18.25		
15	256QAM	75	0	18.16	18.26	18.22		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.39	18.50	18.44	19.6	0
10	QPSK	1	25	18.38	18.41	18.40		
10	QPSK	1	49	18.31	18.38	18.39		
10	QPSK	25	0	18.30	18.47	18.41	19.6	0
10	QPSK	25	12	18.30	18.35	18.31		
10	QPSK	25	25	18.35	18.36	18.34		
10	QPSK	50	0	18.32	18.36	18.42		
10	16QAM	1	0	18.38	18.34	18.36	19.6	0
10	16QAM	1	25	18.30	18.34	18.33		
10	16QAM	1	49	18.17	18.30	18.39		
10	16QAM	25	0	18.21	18.38	18.42	19.6	0
10	16QAM	25	12	18.31	18.25	18.26		
10	16QAM	25	25	18.30	18.33	18.31		
10	16QAM	50	0	18.29	18.40	18.31		
10	64QAM	1	0	18.37	18.44	18.41	19.6	0
10	64QAM	1	25	18.35	18.27	18.26		
10	64QAM	1	49	18.20	18.33	18.30		
10	64QAM	25	0	18.19	18.28	18.37	19.6	0
10	64QAM	25	12	18.24	18.40	18.28		
10	64QAM	25	25	18.31	18.25	18.36		
10	64QAM	50	0	18.33	18.35	18.37		
10	256QAM	1	0	18.31	18.37	18.36	19.5	0.1
10	256QAM	1	25	18.23	18.25	18.23		
10	256QAM	1	49	18.06	18.09	18.19		
10	256QAM	25	0	18.23	18.38	18.32	19.5	0.1
10	256QAM	25	12	18.11	18.18	18.04		
10	256QAM	25	25	18.28	18.22	18.20		
10	256QAM	50	0	18.11	18.21	18.22		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.48	18.49	18.43	19.6	0
5	QPSK	1	12	18.39	18.40	18.45		
5	QPSK	1	24	18.32	18.32	18.35		
5	QPSK	12	0	18.28	18.39	18.38	19.6	0
5	QPSK	12	7	18.33	18.35	18.30		
5	QPSK	12	13	18.36	18.39	18.39		
5	QPSK	25	0	18.41	18.43	18.36		
5	16QAM	1	0	18.42	18.38	18.41	19.6	0
5	16QAM	1	12	18.30	18.29	18.32		
5	16QAM	1	24	18.28	18.27	18.40		
5	16QAM	12	0	18.28	18.43	18.42	19.6	0
5	16QAM	12	7	18.24	18.25	18.18		
5	16QAM	12	13	18.24	18.27	18.28		
5	16QAM	25	0	18.34	18.33	18.32		
5	64QAM	1	0	18.35	18.38	18.40	19.6	0
5	64QAM	1	12	18.26	18.32	18.27		
5	64QAM	1	24	18.27	18.33	18.26		
5	64QAM	12	0	18.26	18.32	18.30	19.6	0
5	64QAM	12	7	18.24	18.33	18.22		
5	64QAM	12	13	18.29	18.30	18.36		
5	64QAM	25	0	18.35	18.33	18.33		
5	256QAM	1	0	18.24	18.39	18.34	19.5	0.1
5	256QAM	1	12	18.13	18.18	18.26		
5	256QAM	1	24	18.11	18.18	18.15		
5	256QAM	12	0	18.25	18.31	18.24	19.5	0.1
5	256QAM	12	7	18.17	18.22	18.05		
5	256QAM	12	13	18.24	18.21	18.16		
5	256QAM	25	0	18.22	18.25	18.24		

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BW [MHz]	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	20.66	20.66	20.56		
20	QPSK	1	49	20.48	20.47	20.45	22	0
20	QPSK	1	99	20.54	20.53	20.48		
20	QPSK	50	0	20.55	20.62	20.56		
20	QPSK	50	24	20.48	20.54	20.47	22	0
20	QPSK	50	50	20.42	20.48	20.45		
20	QPSK	100	0	20.58	20.60	20.49		
20	16QAM	1	0	20.54	20.56	20.47		
20	16QAM	1	49	20.46	20.39	20.44	22	0
20	16QAM	1	99	20.36	20.52	20.38		
20	16QAM	50	0	20.50	20.49	20.58		
20	16QAM	50	24	20.38	20.41	20.34	22	0
20	16QAM	50	50	20.47	20.39	20.45		
20	16QAM	100	0	20.52	20.45	20.47		
20	64QAM	1	0	20.58	20.51	20.55		
20	64QAM	1	49	20.47	20.38	20.37	22	0
20	64QAM	1	99	20.41	20.54	20.34		
20	64QAM	50	0	19.62	19.54	19.68		
20	64QAM	50	24	19.39	19.60	19.41	21	1
20	64QAM	50	50	19.51	19.53	19.54		
20	64QAM	100	0	19.58	19.57	19.56		
20	256QAM	1	0	17.65	17.67	17.59		
20	256QAM	1	49	17.50	17.54	17.49	19	3
20	256QAM	1	99	17.55	17.54	17.48		
20	256QAM	50	0	17.57	17.58	17.58		
20	256QAM	50	24	17.37	17.47	17.42	19	3
20	256QAM	50	50	17.48	17.46	17.59		
20	256QAM	100	0	17.63	17.58	17.47		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.59	20.63	20.47		
15	QPSK	1	37	20.46	20.47	20.34	22	0
15	QPSK	1	74	20.54	20.48	20.46		
15	QPSK	36	0	20.51	20.51	20.46		
15	QPSK	36	20	20.37	20.43	20.42	22	0
15	QPSK	36	39	20.37	20.42	20.36		
15	QPSK	75	0	20.53	20.58	20.39		
15	16QAM	1	0	20.54	20.53	20.43		
15	16QAM	1	37	20.41	20.31	20.38	22	0
15	16QAM	1	74	20.34	20.43	20.37		
15	16QAM	36	0	20.45	20.39	20.49		
15	16QAM	36	20	20.33	20.39	20.27	22	0
15	16QAM	36	39	20.36	20.35	20.39		
15	16QAM	75	0	20.43	20.35	20.36		
15	64QAM	1	0	20.52	20.49	20.48		
15	64QAM	1	37	20.44	20.36	20.30	22	0
15	64QAM	1	74	20.40	20.52	20.25		
15	64QAM	36	0	19.60	19.49	19.65		
15	64QAM	36	20	19.29	19.53	19.40	21	1
15	64QAM	36	39	19.44	19.47	19.46		
15	64QAM	75	0	19.46	19.46	19.50		
15	256QAM	1	0	17.54	17.67	17.58		
15	256QAM	1	37	17.42	17.51	17.45	19	3
15	256QAM	1	74	17.46	17.54	17.48		
15	256QAM	36	0	17.46	17.57	17.56		
15	256QAM	36	20	17.27	17.41	17.40	19	3
15	256QAM	36	39	17.37	17.41	17.53		
15	256QAM	75	0	17.57	17.53	17.43		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.66	20.59	20.54		
10	QPSK	1	25	20.41	20.38	20.34	22	0
10	QPSK	1	49	20.46	20.45	20.39		
10	QPSK	25	0	20.53	20.57	20.56		
10	QPSK	25	12	20.39	20.42	20.43	22	0
10	QPSK	25	25	20.32	20.41	20.42		
10	QPSK	50	0	20.51	20.48	20.44		
10	16QAM	1	0	20.51	20.44	20.35		
10	16QAM	1	25	20.41	20.28	20.36	22	0
10	16QAM	1	49	20.32	20.41	20.32		
10	16QAM	25	0	20.40	20.48	20.54		
10	16QAM	25	12	20.28	20.40	20.24	22	0
10	16QAM	25	25	20.46	20.35	20.44		
10	16QAM	50	0	20.44	20.43	20.35		
10	64QAM	1	0	20.57	20.50	20.48		
10	64QAM	1	25	20.46	20.34	20.26	22	0
10	64QAM	1	49	20.30	20.45	20.22		
10	64QAM	25	0	19.53	19.44	19.56		
10	64QAM	25	12	19.28	19.60	19.39	21	1
10	64QAM	25	25	19.51	19.44	19.52		
10	64QAM	50	0	19.49	19.51	19.50		
10	256QAM	1	0	17.59	17.61	17.48		
10	256QAM	1	25	17.44	17.47	17.39	19	3
10	256QAM	1	49	17.54	17.45	17.46		
10	256QAM	25	0	17.51	17.49	17.56		
10	256QAM	25	12	17.35	17.46	17.39	19	3
10	256QAM	25	25	17.48	17.42	17.50		
10	256QAM	50	0	17.60	17.49	17.36		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.61	20.57	20.44		
5	QPSK	1	12	20.39	20.37	20.42	22	0
5	QPSK	1	24	20.45	20.50	20.43		
5	QPSK	12	0	20.45	20.50	20.53		
5	QPSK	12	7	20.41	20.47	20.45	22	0
5	QPSK	12	13	20.32	20.42	20.38		
5	QPSK	25	0	20.58	20.51	20.40		
5	16QAM	1	0	20.48	20.54	20.43		
5	16QAM	1	12	20.44	20.28	20.34	22	0
5	16QAM	1	24	20.34	20.42	20.31		
5	16QAM	12	0	20.40	20.39	20.53		
5	16QAM	12	7	20.28	20.40	20.29	22	0
5	16QAM	12	13	20.46	20.28	20.40		
5	16QAM	25	0	20.41	20.33	20.43		
5	64QAM	1	0	20.47	20.41	20.53		
5	64QAM	1	12	20.37	20.36	20.34	22	0
5	64QAM	1	24	20.36	20.52	20.26		
5	64QAM	12	0	19.53	19.49	19.58		
5	64QAM	12	7	19.38	19.53	19.34	21	1
5	64QAM	12	13	19.50	19.42	19.42		
5	64QAM	25	0	19.53	19.49	19.51		
5	256QAM	1	0	17.55	17.65	17.52		
5	256QAM	1	12	17.42	17.49	17.40	19	3
5	256QAM	1	24	17.51	17.49	17.43		
5	256QAM	12	0	17.51	17.50	17.48		
5	256QAM	12	7	17.33	17.37	17.40	19	3
5	256QAM	12	13	17.38	17.43	17.49		
5	256QAM	25	0	17.54	17.46	17.45		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.29	22.39	22.34		
20	QPSK	1	49	22.15	22.24	22.17	23.6	0
20	QPSK	1	99	22.23	22.25	22.26		
20	QPSK	50	0	22.33	22.35	22.22		
20	QPSK	50	24	22.23	22.16	22.26	23.6	0
20	QPSK	50	50	22.22	22.24	22.23		
20	QPSK	100	0	22.31	22.33	22.23		
20	16QAM	1	0	22.25	22.26	22.29		
20	16QAM	1	49	22.02	22.07	22.12	23.6	0
20	16QAM	1	99	22.08	22.21	22.16		
20	16QAM	50	0	22.26	22.24	22.19		
20	16QAM	50	24	22.15	22.18	22.12	23.6	0
20	16QAM	50	50	22.16	22.06	22.22		
20	16QAM	100	0	22.16	22.29	22.21		
20	64QAM	1	0	22.27	22.28	22.21		
20	64QAM	1	49	22.05	22.08	22.20	23.6	0
20	64QAM	1	99	22.03	22.21	22.26		
20	64QAM	50	0	22.21	22.17	22.15		
20	64QAM	50	24	22.18	22.07	22.03	23.6	0
20	64QAM	50	50	22.12	22.17	22.18		
20	64QAM	100	0	22.12	22.20	22.16		
20	256QAM	1	0	20.45	20.51	20.44		
20	256QAM	1	49	20.23	20.35	20.32	22	1.6
20	256QAM	1	99	20.35	20.24	20.36		
20	256QAM	50	0	20.49	20.51	20.31		
20	256QAM	50	24	20.22	20.33	20.24	22	1.6
20	256QAM	50	50	20.30	20.30	20.26		
20	256QAM	100	0	20.41	20.38	20.42		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.23	22.28	22.29		
15	QPSK	1	37	22.11	22.17	22.13	23.6	0
15	QPSK	1	74	22.19	22.16	22.23		
15	QPSK	36	0	22.22	22.23	22.08		
15	QPSK	36	20	22.13	22.09	22.13	23.6	0
15	QPSK	36	39	22.11	22.15	22.16		
15	QPSK	75	0	22.18	22.25	22.14		
15	16QAM	1	0	22.18	22.17	22.19		
15	16QAM	1	37	21.95	21.95	22.02	23.6	0
15	16QAM	1	74	22.02	22.15	22.02		
15	16QAM	36	0	22.12	22.18	22.08		
15	16QAM	36	20	22.10	22.05	22.03	23.6	0
15	16QAM	36	39	22.13	21.93	22.10		
15	16QAM	75	0	22.04	22.20	22.17		
15	64QAM	1	0	22.22	22.19	22.19		
15	64QAM	1	37	21.98	21.97	22.08	23.6	0
15	64QAM	1	74	21.96	22.14	22.15		
15	64QAM	36	0	22.18	22.11	22.13		
15	64QAM	36	20	22.08	21.97	21.99	23.6	0
15	64QAM	36	39	22.03	22.10	22.11		
15	64QAM	75	0	22.07	22.08	22.14		
15	256QAM	1	0	20.36	20.47	20.30		
15	256QAM	1	37	20.19	20.31	20.26	22	1.6
15	256QAM	1	74	20.26	20.10	20.27		
15	256QAM	36	0	20.45	20.47	20.20		
15	256QAM	36	20	20.20	20.22	20.18	22	1.6
15	256QAM	36	39	20.24	20.25	20.17		
15	256QAM	75	0	20.27	20.34	20.30		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.17	22.25	22.28		
10	QPSK	1	25	22.03	22.10	22.14	23.6	0
10	QPSK	1	49	22.19	22.22	22.12		
10	QPSK	25	0	22.26	22.29	22.13		
10	QPSK	25	12	22.18	22.09	22.17	23.6	0
10	QPSK	25	25	22.11	22.22	22.09		
10	QPSK	50	0	22.18	22.20	22.13		
10	16QAM	1	0	22.21	22.20	22.15		
10	16QAM	1	25	21.94	21.95	22.03	23.6	0
10	16QAM	1	49	22.06	22.11	22.03		
10	16QAM	25	0	22.19	22.19	22.05		
10	16QAM	25	12	22.08	22.07	22.09	23.6	0
10	16QAM	25	25	22.12	22.04	22.12		
10	16QAM	50	0	22.11	22.21	22.15		
10	64QAM	1	0	22.20	22.15	22.08		
10	64QAM	1	25	21.99	21.99	22.07	23.6	0
10	64QAM	1	49	21.90	22.17	22.23		
10	64QAM	25	0	22.11	22.08	22.05		
10	64QAM	25	12	22.10	21.99	21.97	23.6	0
10	64QAM	25	25	22.00	22.04	22.13		
10	64QAM	50	0	22.08	22.13	22.10		
10	256QAM	1	0	20.36	20.38	20.31		
10	256QAM	1	25	20.12	20.31	20.23	22	1.6
10	256QAM	1	49	20.25	20.13	20.28		
10	256QAM	25	0	20.35	20.45	20.28		
10	256QAM	25	12	20.17	20.25	20.17	22	1.6
10	256QAM	25	25	20.16	20.23	20.13		
10	256QAM	50	0	20.31	20.35	20.34		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.25	22.28	22.22		
5	QPSK	1	12	22.10	22.15	22.11	23.6	0
5	QPSK	1	24	22.17	22.21	22.18		
5	QPSK	12	0	22.22	22.26	22.14		
5	QPSK	12	7	22.16	22.08	22.20	23.6	0
5	QPSK	12	13	22.15	22.13	22.18		
5	QPSK	25	0	22.26	22.30	22.14		
5	16QAM	1	0	22.22	22.15	22.19		
5	16QAM	1	12	21.95	22.02	22.06	23.6	0
5	16QAM	1	24	22.01	22.08	22.08		
5	16QAM	12	0	22.19	22.20	22.14		
5	16QAM	12	7	22.08	22.11	22.05	23.6	0
5	16QAM	12	13	22.13	21.97	22.12		
5	16QAM	25	0	22.04	22.26	22.15		
5	64QAM	1	0	22.14	22.16	22.10		
5	64QAM	1	12	21.98	21.98	22.12	23.6	0
5	64QAM	1	24	21.98	22.13	22.21		
5	64QAM	12	0	22.10	22.10	22.08		
5	64QAM	12	7	22.13	22.03	21.96	23.6	0
5	64QAM	12	13	22.10	22.10	22.13		
5	64QAM	25	0	22.01	22.09	22.06		
5	256QAM	1	0	20.41	20.39	20.30		
5	256QAM	1	12	20.15	20.22	20.29	22	1.6
5	256QAM	1	24	20.32	20.12	20.30		
5	256QAM	12	0	20.47	20.49	20.21		
5	256QAM	12	7	20.16	20.25	20.12	22	1.6
5	256QAM	12	13	20.25	20.19	20.23		
5	256QAM	25	0	20.28	20.32	20.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.62	20.66	20.70	20.65	20.68	22	0
20	QPSK	1	49	20.50	20.54	20.59	20.52	20.56		
20	QPSK	1	99	20.48	20.57	20.57	20.53	20.55		
20	QPSK	50	0	20.60	20.63	20.64	20.64	20.62	22	0
20	QPSK	50	24	20.50	20.50	20.57	20.56	20.52		
20	QPSK	50	50	20.54	20.50	20.53	20.55	20.58		
20	QPSK	100	0	20.53	20.62	20.62	20.58	20.60		
20	16QAM	1	0	20.60	20.61	20.59	20.58	20.64	22	0
20	16QAM	1	49	20.41	20.49	20.47	20.48	20.44		
20	16QAM	1	99	20.36	20.47	20.55	20.46	20.54		
20	16QAM	50	0	20.56	20.59	20.58	20.63	20.53	22	0
20	16QAM	50	24	20.40	20.41	20.52	20.45	20.49		
20	16QAM	50	50	20.53	20.47	20.50	20.47	20.46		
20	16QAM	100	0	20.47	20.58	20.55	20.51	20.54		
20	64QAM	1	0	20.51	20.64	20.58	20.63	20.61	22	0
20	64QAM	1	49	20.38	20.49	20.49	20.45	20.49		
20	64QAM	1	99	20.37	20.49	20.56	20.42	20.50		
20	64QAM	50	0	19.57	19.69	19.66	19.71	19.68	21	1
20	64QAM	50	24	19.47	19.49	19.61	19.47	19.52		
20	64QAM	50	50	19.46	19.53	19.62	19.54	19.60		
20	64QAM	100	0	19.56	19.63	19.64	19.66	19.61		
20	256QAM	1	0	17.62	17.68	17.67	17.68	17.67	19	3
20	256QAM	1	49	17.55	17.53	17.55	17.53	17.58		
20	256QAM	1	99	17.43	17.59	17.57	17.53	17.60		
20	256QAM	50	0	17.60	17.66	17.68	17.60	17.64	19	3
20	256QAM	50	24	17.49	17.48	17.53	17.51	17.50		
20	256QAM	50	50	17.56	17.55	17.51	17.61	17.62		
20	256QAM	100	0	17.57	17.64	17.67	17.56	17.65		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.51	20.65	20.62	20.64	20.57	22	0
15	QPSK	1	37	20.46	20.53	20.54	20.43	20.47		
15	QPSK	1	74	20.37	20.52	20.45	20.51	20.49		
15	QPSK	36	0	20.48	20.53	20.61	20.54	20.59	22	0
15	QPSK	36	20	20.42	20.40	20.46	20.50	20.49		
15	QPSK	36	39	20.45	20.40	20.52	20.44	20.54		
15	QPSK	75	0	20.43	20.58	20.55	20.53	20.50		
15	16QAM	1	0	20.49	20.55	20.55	20.58	20.59	22	0
15	16QAM	1	37	20.41	20.39	20.47	20.37	20.33		
15	16QAM	1	74	20.26	20.38	20.44	20.40	20.49		
15	16QAM	36	0	20.48	20.49	20.56	20.59	20.45	22	0
15	16QAM	36	20	20.36	20.36	20.45	20.39	20.40		
15	16QAM	36	39	20.50	20.36	20.49	20.43	20.34		
15	16QAM	75	0	20.45	20.48	20.49	20.39	20.49		
15	64QAM	1	0	20.39	20.59	20.52	20.54	20.54	22	0
15	64QAM	1	37	20.28	20.48	20.42	20.38	20.48		
15	64QAM	1	74	20.29	20.46	20.53	20.38	20.41		
15	64QAM	36	0	19.50	19.58	19.62	19.69	19.65	21	1
15	64QAM	36	20	19.36	19.39	19.58	19.40	19.41		
15	64QAM	36	39	19.44	19.50	19.57	19.53	19.58		
15	64QAM	75	0	19.53	19.57	19.55	19.54	19.56		
15	256QAM	1	0	17.56	17.59	17.56	17.63	17.64	19	3
15	256QAM	1	37	17.53	17.47	17.53	17.47	17.55		
15	256QAM	1	74	17.31	17.54	17.54	17.50	17.55		
15	256QAM	36	0	17.58	17.65	17.68	17.56	17.62	19	3
15	256QAM	36	20	17.42	17.39	17.47	17.49	17.41		
15	256QAM	36	39	17.46	17.50	17.43	17.58	17.60		
15	256QAM	75	0	17.55	17.53	17.57	17.45	17.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.50	20.65	20.60	20.54	20.65	22	0
10	QPSK	1	25	20.43	20.48	20.54	20.45	20.53		
10	QPSK	1	49	20.40	20.49	20.56	20.46	20.55		
10	QPSK	25	0	20.58	20.56	20.61	20.64	20.61	22	0
10	QPSK	25	12	20.47	20.39	20.54	20.50	20.47		
10	QPSK	25	25	20.50	20.50	20.43	20.54	20.54		
10	QPSK	50	0	20.45	20.53	20.53	20.53	20.51		
10	16QAM	1	0	20.58	20.56	20.58	20.55	20.63	22	0
10	16QAM	1	25	20.34	20.49	20.46	20.42	20.34		
10	16QAM	1	49	20.31	20.38	20.48	20.40	20.49		
10	16QAM	25	0	20.51	20.58	20.57	20.60	20.47	22	0
10	16QAM	25	12	20.34	20.34	20.43	20.45	20.43		
10	16QAM	25	25	20.53	20.36	20.43	20.41	20.41		
10	16QAM	50	0	20.35	20.49	20.53	20.44	20.51		
10	64QAM	1	0	20.45	20.61	20.56	20.61	20.51	22	0
10	64QAM	1	25	20.28	20.40	20.38	20.35	20.39		
10	64QAM	1	49	20.32	20.42	20.45	20.35	20.39		
10	64QAM	25	0	19.48	19.60	19.57	19.61	19.58	21	1
10	64QAM	25	12	19.43	19.46	19.60	19.39	19.46		
10	64QAM	25	25	19.34	19.50	19.58	19.52	19.56		
10	64QAM	50	0	19.51	19.53	19.56	19.61	19.58		
10	256QAM	1	0	17.62	17.60	17.59	17.67	17.64	19	3
10	256QAM	1	25	17.53	17.49	17.43	17.44	17.49		
10	256QAM	1	49	17.38	17.53	17.54	17.44	17.49		
10	256QAM	25	0	17.60	17.64	17.60	17.49	17.59	19	3
10	256QAM	25	12	17.37	17.38	17.45	17.49	17.44		
10	256QAM	25	25	17.55	17.51	17.51	17.53	17.53		
10	256QAM	50	0	17.53	17.55	17.67	17.48	17.57		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.59	20.55	20.65	20.57	20.60	22	0
5	QPSK	1	12	20.41	20.46	20.58	20.47	20.47		
5	QPSK	1	24	20.38	20.53	20.48	20.43	20.54		
5	QPSK	12	0	20.49	20.62	20.57	20.53	20.58	22	0
5	QPSK	12	7	20.42	20.43	20.52	20.51	20.47		
5	QPSK	12	13	20.45	20.39	20.50	20.44	20.53		
5	QPSK	25	0	20.51	20.59	20.56	20.48	20.53		
5	16QAM	1	0	20.49	20.57	20.50	20.51	20.58	22	0
5	16QAM	1	12	20.38	20.45	20.42	20.46	20.32		
5	16QAM	1	24	20.32	20.41	20.43	20.40	20.45		
5	16QAM	12	0	20.46	20.55	20.56	20.56	20.51	22	0
5	16QAM	12	7	20.37	20.36	20.45	20.41	20.41		
5	16QAM	12	13	20.49	20.46	20.39	20.36	20.43		
5	16QAM	25	0	20.44	20.53	20.48	20.44	20.43	22	0
5	64QAM	1	0	20.50	20.58	20.48	20.62	20.58		
5	64QAM	1	12	20.36	20.47	20.38	20.44	20.41		
5	64QAM	1	24	20.31	20.49	20.44	20.37	20.49		
5	64QAM	12	0	19.56	19.58	19.63	19.59	19.61	21	1
5	64QAM	12	7	19.46	19.44	19.56	19.46	19.49		
5	64QAM	12	13	19.38	19.48	19.60	19.43	19.49		
5	64QAM	25	0	19.53	19.62	19.60	19.56	19.58		
5	256QAM	1	0	17.61	17.57	17.58	17.56	17.58	19	3
5	256QAM	1	12	17.52	17.46	17.48	17.45	17.52		
5	256QAM	1	24	17.37	17.47	17.50	17.45	17.57		
5	256QAM	12	0	17.50	17.64	17.66	17.55	17.56	19	3
5	256QAM	12	7	17.42	17.38	17.51	17.42	17.48		
5	256QAM	12	13	17.53	17.49	17.50	17.60	17.61		
5	256QAM	25	0	17.47	17.56	17.67	17.46	17.60		

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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	22.40	22.39	22.44	22.42	22.36	23.6	0
20	QPSK	1	49	22.22	22.23	22.27	22.30	22.21		
20	QPSK	1	99	22.31	22.30	22.29	22.32	22.20		
20	QPSK	50	0	22.32	22.38	22.41	22.32	22.26	23.6	0
20	QPSK	50	24	22.30	22.28	22.28	22.29	22.28		
20	QPSK	50	50	22.33	22.26	22.32	22.31	22.19		
20	QPSK	100	0	22.30	22.37	22.40	22.33	22.35		
20	16QAM	1	0	22.36	22.30	22.38	22.37	22.22	23.6	0
20	16QAM	1	49	22.15	22.12	22.20	22.25	22.15		
20	16QAM	1	99	22.26	22.21	22.26	22.30	22.12		
20	16QAM	50	0	22.29	22.30	22.35	22.28	22.24	23.6	0
20	16QAM	50	24	22.25	22.26	22.22	22.22	22.17		
20	16QAM	50	50	22.25	22.21	22.19	22.29	22.10		
20	16QAM	100	0	22.25	22.24	22.36	22.30	22.25		
20	64QAM	1	0	22.33	22.35	22.31	22.35	22.34	23.6	0
20	64QAM	1	49	22.08	22.11	22.19	22.24	22.13		
20	64QAM	1	99	22.21	22.17	22.25	22.28	22.06		
20	64QAM	50	0	22.22	22.28	22.29	22.28	22.12	23.6	0
20	64QAM	50	24	22.20	22.24	22.20	22.16	22.20		
20	64QAM	50	50	22.28	22.15	22.22	22.21	22.10		
20	64QAM	100	0	22.21	22.26	22.32	22.29	22.32		
20	256QAM	1	0	20.53	20.54	20.56	20.47	20.45	22	1.6
20	256QAM	1	49	20.28	20.35	20.39	20.41	20.31		
20	256QAM	1	99	20.39	20.46	20.34	20.47	20.35		
20	256QAM	50	0	20.44	20.52	20.55	20.37	20.39	22	1.6
20	256QAM	50	24	20.39	20.36	20.42	20.36	20.37		
20	256QAM	50	50	20.48	20.37	20.37	20.40	20.34		
20	256QAM	100	0	20.35	20.48	20.51	20.44	20.43		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.36	22.28	22.39	22.30	22.33	23.6	0
15	QPSK	1	37	22.15	22.14	22.20	22.23	22.10		
15	QPSK	1	74	22.28	22.21	22.20	22.21	22.09		
15	QPSK	36	0	22.20	22.30	22.30	22.26	22.12	23.6	0
15	QPSK	36	20	22.19	22.24	22.22	22.26	22.25		
15	QPSK	36	39	22.25	22.15	22.28	22.18	22.05		
15	QPSK	75	0	22.23	22.24	22.30	22.27	22.28		
15	16QAM	1	0	22.26	22.25	22.31	22.24	22.15	23.6	0
15	16QAM	1	37	22.12	22.01	22.08	22.16	22.04		
15	16QAM	1	74	22.19	22.15	22.12	22.23	22.09		
15	16QAM	36	0	22.17	22.19	22.22	22.23	22.20	23.6	0
15	16QAM	36	20	22.17	22.15	22.15	22.15	22.11		
15	16QAM	36	39	22.17	22.12	22.14	22.17	22.02		
15	16QAM	75	0	22.20	22.18	22.33	22.24	22.18		
15	64QAM	1	0	22.29	22.23	22.18	22.22	22.22	23.6	0
15	64QAM	1	37	22.05	22.03	22.07	22.20	21.99		
15	64QAM	1	74	22.09	22.04	22.12	22.25	21.99		
15	64QAM	36	0	22.18	22.23	22.22	22.15	22.00	23.6	0
15	64QAM	36	20	22.10	22.16	22.08	22.11	22.09		
15	64QAM	36	39	22.14	22.11	22.17	22.14	22.02		
15	64QAM	75	0	22.09	22.24	22.29	22.17	22.21		
15	256QAM	1	0	20.41	20.46	20.51	20.37	20.33	22	1.6
15	256QAM	1	37	20.24	20.22	20.26	20.38	20.26		
15	256QAM	1	74	20.34	20.43	20.22	20.35	20.25		
15	256QAM	36	0	20.37	20.41	20.53	20.31	20.34	22	1.6
15	256QAM	36	20	20.34	20.22	20.37	20.25	20.35		
15	256QAM	36	39	20.41	20.26	20.24	20.36	20.26		
15	256QAM	75	0	20.23	20.35	20.47	20.40	20.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.33	22.33	22.37	22.32	22.22	23.6	0
10	QPSK	1	25	22.13	22.15	22.14	22.22	22.14		
10	QPSK	1	49	22.28	22.19	22.16	22.28	22.11		
10	QPSK	25	0	22.24	22.34	22.28	22.28	22.15	23.6	0
10	QPSK	25	12	22.19	22.25	22.25	22.17	22.24		
10	QPSK	25	25	22.27	22.18	22.28	22.26	22.07		
10	QPSK	50	0	22.22	22.33	22.32	22.30	22.24	23.6	0
10	16QAM	1	0	22.28	22.17	22.31	22.29	22.13		
10	16QAM	1	25	22.06	22.00	22.08	22.17	22.10		
10	16QAM	1	49	22.16	22.10	22.14	22.22	22.08		
10	16QAM	25	0	22.24	22.17	22.25	22.19	22.15	23.6	0
10	16QAM	25	12	22.20	22.22	22.08	22.10	22.08		
10	16QAM	25	25	22.14	22.14	22.11	22.19	22.07		
10	16QAM	50	0	22.21	22.19	22.23	22.24	22.14	23.6	0
10	64QAM	1	0	22.21	22.32	22.19	22.24	22.27		
10	64QAM	1	25	21.94	22.04	22.07	22.19	22.05		
10	64QAM	1	49	22.16	22.12	22.19	22.18	21.92		
10	64QAM	25	0	22.16	22.18	22.23	22.15	21.99	23.6	0
10	64QAM	25	12	22.17	22.13	22.12	22.12	22.16		
10	64QAM	25	25	22.16	22.11	22.10	22.15	21.98		
10	64QAM	50	0	22.18	22.23	22.30	22.27	22.30	23.6	0
10	256QAM	1	0	20.46	20.43	20.45	20.37	20.31	22	1.6
10	256QAM	1	25	20.20	20.29	20.31	20.30	20.28		
10	256QAM	1	49	20.33	20.39	20.22	20.42	20.30		
10	256QAM	25	0	20.41	20.40	20.42	20.27	20.35	22	1.6
10	256QAM	25	12	20.32	20.32	20.35	20.30	20.30		
10	256QAM	25	25	20.44	20.23	20.26	20.35	20.26		
10	256QAM	50	0	20.26	20.41	20.47	20.41	20.38		
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	22.33	22.27	22.38	22.34	22.22	23.6	0
5	QPSK	1	12	22.17	22.13	22.13	22.27	22.13		
5	QPSK	1	24	22.27	22.20	22.26	22.25	22.14		
5	QPSK	12	0	22.28	22.35	22.28	22.23	22.22	23.6	0
5	QPSK	12	7	22.23	22.17	22.19	22.25	22.17		
5	QPSK	12	13	22.20	22.19	22.21	22.25	22.13		
5	QPSK	25	0	22.26	22.30	22.35	22.19	22.30	23.6	0
5	16QAM	1	0	22.22	22.16	22.27	22.32	22.19		
5	16QAM	1	12	22.10	22.01	22.17	22.20	22.02		
5	16QAM	1	24	22.21	22.10	22.14	22.25	22.09		
5	16QAM	12	0	22.24	22.27	22.29	22.25	22.14	23.6	0
5	16QAM	12	7	22.19	22.21	22.14	22.09	22.04		
5	16QAM	12	13	22.18	22.17	22.12	22.26	21.98		
5	16QAM	25	0	22.13	22.16	22.33	22.20	22.20	23.6	0
5	64QAM	1	0	22.27	22.24	22.28	22.22	22.26		
5	64QAM	1	12	22.04	22.05	22.09	22.11	22.02		
5	64QAM	1	24	22.14	22.10	22.15	22.19	21.93		
5	64QAM	12	0	22.09	22.24	22.21	22.24	22.10	23.6	0
5	64QAM	12	7	22.16	22.21	22.17	22.10	22.14		
5	64QAM	12	13	22.25	22.08	22.19	22.07	22.05		
5	64QAM	25	0	22.16	22.23	22.23	22.19	22.22		
5	256QAM	1	0	20.46	20.50	20.47	20.37	20.36	22	1.6
5	256QAM	1	12	20.19	20.32	20.34	20.35	20.19		
5	256QAM	1	24	20.27	20.38	20.21	20.45	20.31		
5	256QAM	12	0	20.36	20.48	20.48	20.32	20.30	22	1.6
5	256QAM	12	7	20.29	20.23	20.36	20.30	20.32		
5	256QAM	12	13	20.44	20.25	20.27	20.32	20.25		
5	256QAM	25	0	20.21	20.35	20.44	20.42	20.38		

Reduced Power Mode for DSI7

GSM850 Ant 0 DSI7	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	32.09	32.26	32.52	33.50	23.09	23.26	23.52	24.50
GPRS 1 Tx slot	32.08	32.24	32.50	33.50	23.08	23.24	23.50	24.50
GPRS 2 Tx slots	29.87	30.16	30.08	30.90	23.87	24.16	24.08	24.90
GPRS 3 Tx slots	27.76	27.88	27.85	29.10	23.50	23.62	23.59	24.84
GPRS 4 Tx slots	26.88	26.98	26.87	27.90	23.88	23.98	23.87	24.90
EDGE 1 Tx slot	26.74	26.80	26.62	28.00	17.74	17.80	17.62	19.00
EDGE 2 Tx slots	25.52	25.52	25.41	26.50	19.52	19.52	19.41	20.50
EDGE 3 Tx slots	24.16	24.15	24.00	25.00	19.90	19.89	19.74	20.74
EDGE 4 Tx slots	22.12	22.22	22.13	23.00	19.12	19.22	19.13	20.00

Band		WCDMA V Ant 0 DSI7			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		823.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.16	22.25	22.13	24.00
3GPP Rel 99	RMC 12.2Kbps	22.28	22.32	22.18	24.00
3GPP Rel 6	HSDPA Subtest-1	21.25	21.31	21.23	23.00
3GPP Rel 6	HSDPA Subtest-2	21.34	21.28	21.18	23.00
3GPP Rel 6	HSDPA Subtest-3	20.78	20.76	20.74	22.50
3GPP Rel 6	HSDPA Subtest-4	20.78	20.82	20.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.30	21.34	21.16	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.26	21.37	21.19	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.74	20.80	20.65	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.79	20.78	20.69	22.50
3GPP Rel 6	HSUPA Subtest-1	21.27	21.28	21.14	23.00
3GPP Rel 6	HSUPA Subtest-2	19.22	19.29	19.16	21.00
3GPP Rel 6	HSUPA Subtest-3	20.32	20.33	20.13	22.00
3GPP Rel 6	HSUPA Subtest-4	19.29	19.26	19.20	21.00
3GPP Rel 6	HSUPA Subtest-5	21.33	21.30	21.19	23.00

Band 5 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.70	22.75	22.68		
10	QPSK	1	25	22.57	22.69	22.61	24	0
10	QPSK	1	49	22.57	22.65	22.59		
10	QPSK	25	0	21.75	21.78	21.68		
10	QPSK	25	12	21.59	21.73	21.63	23	1
10	QPSK	25	25	21.55	21.61	21.60		
10	QPSK	50	0	21.67	21.73	21.67		
10	16QAM	1	0	21.64	21.71	21.62		
10	16QAM	1	25	21.44	21.66	21.49	23	1
10	16QAM	1	49	21.52	21.48	21.47		
10	16QAM	25	0	20.77	20.75	20.72		
10	16QAM	25	12	20.62	20.74	20.64	22	2
10	16QAM	25	25	20.52	20.64	20.54		
10	16QAM	50	0	20.73	20.75	20.63		
10	64QAM	1	0	20.61	20.70	20.67		
10	64QAM	1	25	20.40	20.70	20.50	22	2
10	64QAM	1	49	20.51	20.44	20.46		
10	64QAM	25	0	19.73	19.79	19.64		
10	64QAM	25	12	19.63	19.75	19.62	21	3
10	64QAM	25	25	19.55	19.56	19.55		
10	64QAM	50	0	19.65	19.71	19.63		
10	256QAM	1	0	17.81	17.74	17.69		
10	256QAM	1	25	17.63	17.68	17.65	19	5
10	256QAM	1	49	17.53	17.67	17.63		
10	256QAM	25	0	17.63	17.81	17.67		
10	256QAM	25	12	17.60	17.68	17.62	19	5
10	256QAM	25	25	17.45	17.63	17.49		
10	256QAM	50	0	17.55	17.44	17.45		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.57	22.71	22.53		
5	QPSK	1	12	22.48	22.57	22.50	24	0
5	QPSK	1	24	22.51	22.53	22.50		
5	QPSK	12	0	21.63	21.72	21.55		
5	QPSK	12	7	21.46	21.66	21.52	23	1
5	QPSK	12	13	21.46	21.56	21.54		
5	QPSK	25	0	21.55	21.66	21.59		
5	16QAM	1	0	21.61	21.67	21.49		
5	16QAM	1	12	21.37	21.60	21.41	23	1
5	16QAM	1	24	21.48	21.35	21.39		
5	16QAM	12	0	20.71	20.61	20.62		
5	16QAM	12	7	20.51	20.64	20.50	22	2
5	16QAM	12	13	20.39	20.54	20.46		
5	16QAM	25	0	20.67	20.67	20.56		
5	64QAM	1	0	20.53	20.60	20.63		
5	64QAM	1	12	20.27	20.61	20.43	22	2
5	64QAM	1	24	20.45	20.30	20.40		
5	64QAM	12	0	19.65	19.69	19.50		
5	64QAM	12	7	19.53	19.67	19.55	21	3
5	64QAM	12	13	19.45	19.53	19.45		
5	64QAM	25	0	19.56	19.66	19.55		
5	256QAM	1	0	17.73	17.59	17.57		
5	256QAM	1	12	17.54	17.62	17.58	19	5
5	256QAM	1	24	17.39	17.61	17.59		
5	256QAM	12	0	17.58	17.70	17.56		
5	256QAM	12	7	17.56	17.62	17.53	19	5
5	256QAM	12	13	17.36	17.53	17.42		
5	256QAM	25	0	17.43	17.38	17.38		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.64	22.66	22.61		
3	QPSK	1	8	22.48	22.59	22.47	24	0
3	QPSK	1	14	22.47	22.54	22.51		
3	QPSK	8	0	21.61	21.74	21.61		
3	QPSK	8	4	21.51	21.61	21.53	23	1
3	QPSK	8	7	21.43	21.48	21.49		
3	QPSK	15	0	21.64	21.68	21.57		
3	16QAM	1	0	21.56	21.62	21.57		
3	16QAM	1	8	21.31	21.60	21.34	23	1
3	16QAM	1	14	21.42	21.41	21.42		
3	16QAM	8	0	20.69	20.71	20.65		
3	16QAM	8	4	20.47	20.64	20.53	22	2
3	16QAM	8	7	20.41	20.55	20.47		
3	16QAM	15	0	20.67	20.71	20.60		
3	64QAM	1	0	20.58	20.57	20.53		
3	64QAM	1	8	20.33	20.57	20.35	22	2
3	64QAM	1	14	20.46	20.33	20.36		
3	64QAM	8	0	19.68	19.70	19.56		
3	64QAM	8	4	19.51	19.66	19.53	21	3
3	64QAM	8	7	19.42	19.52	19.42		
3	64QAM	15	0	19.58	19.59	19.48		
3	256QAM	1	0	17.73	17.79	17.56		
3	256QAM	1	8	17.49	17.65	17.60	19	5
3	256QAM	1	14	17.38	17.54	17.58		
3	256QAM	8	0	17.59	17.72	17.60		
3	256QAM	8	4	17.53	17.61	17.57	19	5
3	256QAM	8	7	17.36	17.59	17.44		
3	256QAM	15	0	17.43	17.38	17.35		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.56	22.62	22.61		
1.4	QPSK	1	3	22.46	22.64	22.49		
1.4	QPSK	1	5	22.45	22.57	22.56	24	0
1.4	QPSK	3	0	22.43	22.54	22.46		
1.4	QPSK	3	1	22.37	22.55	22.44		
1.4	QPSK	3	3	22.30	22.49	22.45		
1.4	QPSK	6	0	21.62	21.69	21.56	23	1
1.4	16QAM	1	0	21.55	21.65	21.51		
1.4	16QAM	1	3	21.31	21.61	21.36		
1.4	16QAM	1	5	21.45	21.34	21.38	23	1
1.4	16QAM	3	0	21.55	21.62	21.43		
1.4	16QAM	3	1	21.44	21.54	21.46		
1.4	16QAM	3	3	21.25	21.51	21.32		
1.4	16QAM	6	0	20.59	20.64	20.57	22	2
1.4	64QAM	1	0	20.53	20.66	20.56		
1.4	64QAM	1	3	20.29	20.59	20.42	22	2
1.4	64QAM	1	5	20.45	20.39	20.33		
1.4	64QAM	3	0	20.44	20.59	20.43		
1.4	64QAM	3	1	20.40	20.57	20.53		
1.4	64QAM	3	3	20.23	20.50	20.39		
1.4	64QAM	6	0	19.57	19.63	19.55	21	3
1.4	256QAM	1	0	17.73	17.66	17.57		
1.4	256QAM	1	3	17.59	17.64	17.58		
1.4	256QAM	1	5	17.43	17.56	17.59	19	5
1.4	256QAM	3	0	17.53	17.72	17.59		
1.4	256QAM	3	1	17.53	17.64	17.56		
1.4	256QAM	3	3	17.39	17.50	17.40		
1.4	256QAM	6	0	17.41	17.36	17.34	19	5

Band 7 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.90	20.94	20.89		
20	QPSK	1	49	20.86	20.89	20.85	21.9	0
20	QPSK	1	99	20.82	20.79	20.76		
20	QPSK	50	0	19.93	19.96	19.84		
20	QPSK	50	24	19.86	19.92	19.82	21.5	0.4
20	QPSK	50	50	19.76	19.80	19.72		
20	QPSK	100	0	19.90	19.92	19.89		
20	16QAM	1	0	19.88	19.90	19.70		
20	16QAM	1	49	19.73	19.79	19.71	21.5	0.4
20	16QAM	1	99	19.71	19.65	19.57		
20	16QAM	50	0	18.98	18.91	18.82		
20	16QAM	50	24	18.90	18.92	18.78	20.5	1.4
20	16QAM	50	50	18.77	18.77	18.72		
20	16QAM	100	0	18.87	18.98	18.95		
20	64QAM	1	0	18.88	18.88	18.74		
20	64QAM	1	49	18.73	18.78	18.70	20.5	1.4
20	64QAM	1	99	18.76	18.65	18.60		
20	64QAM	50	0	17.89	17.93	17.82		
20	64QAM	50	24	17.86	17.88	17.88	19.5	2.4
20	64QAM	50	50	17.75	17.76	17.72		
20	64QAM	100	0	17.95	17.93	17.85		
20	256QAM	1	0	15.98	15.99	15.79		
20	256QAM	1	49	15.82	15.90	15.87	17.5	4.4
20	256QAM	1	99	15.79	15.75	15.69		
20	256QAM	50	0	15.92	15.90	15.83		
20	256QAM	50	24	15.88	15.96	15.69	17.5	4.4
20	256QAM	50	50	15.71	15.80	15.75		
20	256QAM	100	0	15.75	15.65	15.60		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.79	20.86	20.78		
15	QPSK	1	37	20.78	20.85	20.80	21.9	0
15	QPSK	1	74	20.71	20.75	20.67		
15	QPSK	36	0	19.88	19.92	19.79		
15	QPSK	36	20	19.74	19.81	19.74	21.5	0.4
15	QPSK	36	39	19.67	19.69	19.66		
15	QPSK	75	0	19.77	19.85	19.85		
15	16QAM	1	0	19.79	19.80	19.65		
15	16QAM	1	37	19.65	19.72	19.65	21.5	0.4
15	16QAM	1	74	19.68	19.52	19.66		
15	16QAM	36	0	18.86	18.83	18.68		
15	16QAM	36	20	18.82	18.87	18.73	20.5	1.4
15	16QAM	36	39	18.69	18.65	18.68		
15	16QAM	75	0	18.76	18.84	18.85		
15	64QAM	1	0	18.78	18.80	18.66		
15	64QAM	1	37	18.58	18.64	18.57	20.5	1.4
15	64QAM	1	74	18.63	18.56	18.55		
15	64QAM	36	0	17.83	17.86	17.77		
15	64QAM	36	20	17.77	17.74	17.79	19.5	2.4
15	64QAM	36	39	17.69	17.62	17.57		
15	64QAM	75	0	17.89	17.80	17.74		
15	256QAM	1	0	15.88	15.86	15.72		
15	256QAM	1	37	15.76	15.85	15.83	17.5	4.4
15	256QAM	1	74	15.74	15.61	15.60		
15	256QAM	36	0	15.81	15.76	15.70		
15	256QAM	36	20	15.77	15.90	15.56	17.5	4.4
15	256QAM	36	39	15.58	15.66	15.63		
15	256QAM	75	0	15.68	15.53	15.53		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.84	20.85	20.78		
10	QPSK	1	25	20.82	20.79	20.71	21.9	0
10	QPSK	1	49	20.74	20.65	20.68		
10	QPSK	25	0	19.83	19.83	19.72		
10	QPSK	25	12	19.72	19.82	19.72	21.5	0.4
10	QPSK	25	25	19.71	19.71	19.58		
10	QPSK	50	0	19.87	19.85	19.77		
10	16QAM	1	0	19.77	19.83	19.60		
10	16QAM	1	25	19.61	19.70	19.62	21.5	0.4
10	16QAM	1	49	19.66	19.50	19.53		
10	16QAM	25	0	18.91	18.79	18.68		
10	16QAM	25	12	18.78	18.83	18.66	20.5	1.4
10	16QAM	25	25	18.71	18.71	18.64		
10	16QAM	50	0	18.83	18.93	18.91		
10	64QAM	1	0	18.73	18.81	18.63		
10	64QAM	1	25	18.66	18.74	18.66	20.5	1.4
10	64QAM	1	49	18.63	18.53	18.56		
10	64QAM	25	0	17.82	17.89	17.73		
10	64QAM	25	12	17.82	17.83	17.81	19.5	2.4
10	64QAM	25	25	17.62	17.69	17.66		
10	64QAM	50	0	17.88	17.87	17.76		
10	256QAM	1	0	15.92	15.89	15.67		
10	256QAM	1	25	15.67	15.78	15.77	17.5	4.4
10	256QAM	1	49	15.74	15.65	15.63		
10	256QAM	25	0	15.79	15.77	15.70		
10	256QAM	25	12	15.75	15.81	15.55	17.5	4.4
10	256QAM	25	25	15.59	15.72	15.69		
10	256QAM	50	0	15.64	15.60	15.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.78	20.88	20.82		
5	QPSK	1	12	20.75	20.85	20.73	21.9	0
5	QPSK	1	24	20.77	20.66	20.63		
5	QPSK	12	0	19.80	19.82	19.71		
5	QPSK	12	7	19.81	19.82	19.71	21.5	0.4
5	QPSK	12	13	19.66	19.73	19.66		
5	QPSK	25	0	19.80	19.79	19.78		
5	16QAM	1	0	19.74	19.85	19.58		
5	16QAM	1	12	19.61	19.71	19.60	21.5	0.4
5	16QAM	1	24	19.66	19.53	19.55		
5	16QAM	12	0	18.84	18.78	18.74		
5	16QAM	12	7	18.77	18.87	18.66	20.5	1.4
5	16QAM	12	13	18.68	18.62	18.59		
5	16QAM	25	0	18.78	18.95	18.82		
5	64QAM	1	0	18.81	18.79	18.70		
5	64QAM	1	12	18.64	18.65	18.57	20.5	1.4
5	64QAM	1	24	18.72	18.53	18.55		
5	64QAM	12	0	17.86	17.89	17.74		
5	64QAM	12	7	17.73	17.79	17.82	19.5	2.4
5	64QAM	12	13	17.66	17.68	17.64		
5	64QAM	25	0	17.91	17.90	17.70		
5	256QAM	1	0	15.86	15.95	15.67		
5	256QAM	1	12	15.79	15.86	15.82	17.5	4.4
5	256QAM	1	24	15.66	15.60	15.62		
5	256QAM	12	0	15.78	15.85	15.78		
5	256QAM	12	7	15.81	15.90	15.61	17.5	4.4
5	256QAM	12	13	15.60	15.72	15.65		
5	256QAM	25	0	15.66	15.51	15.59		

Band 12 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.45	22.50	22.43		
10	QPSK	1	25	22.41	22.46	22.39	24	0
10	QPSK	1	49	22.32	22.36	22.36		
10	QPSK	25	0	21.44	21.55	21.46		
10	QPSK	25	12	21.45	21.48	21.45	23	1
10	QPSK	25	25	21.28	21.35	21.36		
10	QPSK	50	0	21.47	21.52	21.44		
10	16QAM	1	0	21.31	21.46	21.40		
10	16QAM	1	25	21.39	21.40	21.38	23	1
10	16QAM	1	49	21.13	21.26	21.25		
10	16QAM	25	0	20.45	20.58	20.43		
10	16QAM	25	12	20.51	20.53	20.43	22	2
10	16QAM	25	25	20.33	20.32	20.31		
10	16QAM	50	0	20.51	20.47	20.45		
10	64QAM	1	0	20.32	20.42	20.34		
10	64QAM	1	25	20.36	20.35	20.34	22	2
10	64QAM	1	49	20.09	20.25	20.30		
10	64QAM	25	0	19.39	19.54	19.42		
10	64QAM	25	12	19.40	19.53	19.49	21	3
10	64QAM	25	25	19.31	19.32	19.36		
10	64QAM	50	0	19.49	19.53	19.42		
10	256QAM	1	0	17.47	17.61	17.48		
10	256QAM	1	25	17.45	17.50	17.50	19	5
10	256QAM	1	49	17.29	17.33	17.40		
10	256QAM	25	0	17.50	17.57	17.43		
10	256QAM	25	12	17.30	17.40	17.36	19	5
10	256QAM	25	25	17.38	17.35	17.32		
10	256QAM	50	0	17.10	17.23	17.21		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.40	22.37	22.36		
5	QPSK	1	12	22.27	22.40	22.35	24	0
5	QPSK	1	24	22.19	22.27	22.24		
5	QPSK	12	0	21.35	21.45	21.42		
5	QPSK	12	7	21.37	21.37	21.42	23	1
5	QPSK	12	13	21.17	21.28	21.30		
5	QPSK	25	0	21.33	21.47	21.41		
5	16QAM	1	0	21.23	21.39	21.30		
5	16QAM	1	12	21.27	21.35	21.30	23	1
5	16QAM	1	24	21.16	21.14	21.11		
5	16QAM	12	0	20.31	20.49	20.38		
5	16QAM	12	7	20.37	20.46	20.36	22	2
5	16QAM	12	13	20.25	20.27	20.24		
5	16QAM	25	0	20.41	20.37	20.33		
5	64QAM	1	0	20.19	20.31	20.21		
5	64QAM	1	12	20.23	20.29	20.21	22	2
5	64QAM	1	24	20.05	20.16	20.17		
5	64QAM	12	0	19.32	19.39	19.29		
5	64QAM	12	7	19.33	19.44	19.37	21	3
5	64QAM	12	13	19.16	19.26	19.27		
5	64QAM	25	0	19.42	19.39	19.30		
5	256QAM	1	0	17.38	17.55	17.34		
5	256QAM	1	12	17.39	17.45	17.35	19	5
5	256QAM	1	24	17.19	17.25	17.35		
5	256QAM	12	0	17.43	17.53	17.34		
5	256QAM	12	7	17.25	17.33	17.27	19	5
5	256QAM	12	13	17.29	17.32	17.27		
5	256QAM	25	0	17.00	17.15	17.10		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.36	22.42	22.36		
3	QPSK	1	8	22.38	22.35	22.32	24	0
3	QPSK	1	14	22.17	22.33	22.29		
3	QPSK	8	0	21.35	21.41	21.34		
3	QPSK	8	4	21.39	21.37	21.39	23	1
3	QPSK	8	7	21.17	21.26	21.23		
3	QPSK	15	0	21.33	21.43	21.30		
3	16QAM	1	0	21.21	21.35	21.33		
3	16QAM	1	8	21.30	21.25	21.24	23	1
3	16QAM	1	14	21.22	21.23	21.22		
3	16QAM	8	0	20.39	20.54	20.29		
3	16QAM	8	4	20.46	20.42	20.32	22	2
3	16QAM	8	7	20.19	20.23	20.24		
3	16QAM	15	0	20.46	20.36	20.33		
3	64QAM	1	0	20.23	20.34	20.26		
3	64QAM	1	8	20.30	20.22	20.28	22	2
3	64QAM	1	14	20.04	20.15	20.27		
3	64QAM	8	0	19.29	19.42	19.28		
3	64QAM	8	4	19.30	19.38	19.34	21	3
3	64QAM	8	7	19.24	19.28	19.30		
3	64QAM	15	0	19.45	19.49	19.30		
3	256QAM	1	0	17.39	17.47	17.40		
3	256QAM	1	8	17.34	17.37	17.40	19	5
3	256QAM	1	14	17.16	17.22	17.30		
3	256QAM	8	0	17.46	17.47	17.31		
3	256QAM	8	4	17.24	17.36	17.23	19	5
3	256QAM	8	7	17.34	17.31	17.22		
3	256QAM	15	0	17.16	17.18	17.13		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.38	22.42	22.30		
1.4	QPSK	1	3	22.31	22.39	22.34		
1.4	QPSK	1	5	22.24	22.30	22.31	24	0
1.4	QPSK	3	0	22.26	22.36	22.18		
1.4	QPSK	3	1	22.20	22.26	22.30		
1.4	QPSK	3	3	22.16	22.21	22.18		
1.4	QPSK	6	0	21.38	21.46	21.37	23	1
1.4	16QAM	1	0	21.25	21.34	21.34		
1.4	16QAM	1	3	21.25	21.37	21.23		
1.4	16QAM	1	5	21.05	21.12	21.22	23	1
1.4	16QAM	3	0	21.30	21.39	21.29		
1.4	16QAM	3	1	21.19	21.21	21.25		
1.4	16QAM	3	3	21.21	21.31	21.13		
1.4	16QAM	6	0	20.48	20.38	20.34	22	2
1.4	64QAM	1	0	20.27	20.32	20.30		
1.4	64QAM	1	3	20.22	20.25	20.21		
1.4	64QAM	1	5	20.02	20.21	20.26	22	2
1.4	64QAM	3	0	20.40	20.34	20.22		
1.4	64QAM	3	1	20.18	20.27	20.20		
1.4	64QAM	3	3	20.17	20.20	20.07		
1.4	64QAM	6	0	19.40	19.49	19.32	21	3
1.4	256QAM	1	0	17.37	17.53	17.41		
1.4	256QAM	1	3	17.33	17.44	17.37		
1.4	256QAM	1	5	17.18	17.24	17.32	19	5
1.4	256QAM	3	0	17.37	17.52	17.39		
1.4	256QAM	3	1	17.21	17.36	17.24		
1.4	256QAM	3	3	17.31	17.29	17.17		
1.4	256QAM	6	0	17.00	17.16	17.14	19	5

Band 13 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.60		24	0
10	QPSK	1	25		22.55			
10	QPSK	1	49		22.50			
10	QPSK	25	0		21.61		23	1
10	QPSK	25	12		21.51			
10	QPSK	25	25		21.52			
10	QPSK	50	0		21.60			
10	16QAM	1	0		21.57		23	1
10	16QAM	1	25		21.43			
10	16QAM	1	49		21.44			
10	16QAM	25	0		20.65		22	2
10	16QAM	25	12		20.50			
10	16QAM	25	25		20.53			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.59		22	2
10	64QAM	1	25		20.45			
10	64QAM	1	49		20.45			
10	64QAM	25	0		19.56		21	3
10	64QAM	25	12		19.47			
10	64QAM	25	25		19.56			
10	64QAM	50	0		19.61			
10	256QAM	1	0		17.96		19	5
10	256QAM	1	25		17.54			
10	256QAM	1	49		17.55			
10	256QAM	25	0		17.61		19	5
10	256QAM	25	12		17.59			
10	256QAM	25	25		17.48			
10	256QAM	50	0		17.50			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.46	22.52	22.50	24	0
5	QPSK	1	12	22.47	22.52	22.46		
5	QPSK	1	24	22.37	22.37	22.40		
5	QPSK	12	0	21.46	21.52	21.53	23	1
5	QPSK	12	7	21.45	21.41	21.46		
5	QPSK	12	13	21.40	21.39	21.45		
5	QPSK	25	0	21.47	21.49	21.45		
5	16QAM	1	0	21.52	21.47	21.49	23	1
5	16QAM	1	12	21.34	21.37	21.30		
5	16QAM	1	24	21.33	21.33	21.31		
5	16QAM	12	0	20.50	20.58	20.58	22	2
5	16QAM	12	7	20.38	20.47	20.41		
5	16QAM	12	13	20.45	20.49	20.41		
5	16QAM	25	0	20.47	20.48	20.49		
5	64QAM	1	0	20.45	20.52	20.45	22	2
5	64QAM	1	12	20.36	20.41	20.40		
5	64QAM	1	24	20.35	20.38	20.33		
5	64QAM	12	0	19.46	19.50	19.48	21	3
5	64QAM	12	7	19.36	19.42	19.37		
5	64QAM	12	13	19.45	19.49	19.43		
5	64QAM	25	0	19.47	19.52	19.52		
5	256QAM	1	0	17.51	17.46	17.42	19	5
5	256QAM	1	12	17.48	17.50	17.48		
5	256QAM	1	24	17.45	17.51	17.50		
5	256QAM	12	0	17.56	17.58	17.50	19	5
5	256QAM	12	7	17.50	17.54	17.50		
5	256QAM	12	13	17.37	17.33	17.44		
5	256QAM	25	0	17.43	17.46	17.36		

Band 17 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.33	22.46	22.36	24	0
10	QPSK	1	25	22.26	22.32	22.31		
10	QPSK	1	49	22.22	22.28	22.22		
10	QPSK	25	0	21.29	21.42	21.33	23	1
10	QPSK	25	12	21.33	21.36	21.35		
10	QPSK	25	25	21.24	21.20	21.24		
10	QPSK	50	0	21.33	21.43	21.31		
10	16QAM	1	0	21.22	21.39	21.30	23	1
10	16QAM	1	25	21.27	21.32	21.29		
10	16QAM	1	49	21.09	21.19	21.12		
10	16QAM	25	0	20.32	20.49	20.36	22	2
10	16QAM	25	12	20.39	20.41	20.30		
10	16QAM	25	25	20.29	20.17	20.23		
10	16QAM	50	0	20.46	20.41	20.40		
10	64QAM	1	0	20.24	20.29	20.29	22	2
10	64QAM	1	25	20.29	20.24	20.26		
10	64QAM	1	49	20.04	20.15	20.19		
10	64QAM	25	0	19.28	19.44	19.36	21	3
10	64QAM	25	12	19.36	19.44	19.38		
10	64QAM	25	25	19.18	19.28	19.22		
10	64QAM	50	0	19.45	19.40	19.28		
10	256QAM	1	0	17.41	17.49	17.40	19	5
10	256QAM	1	25	17.41	17.46	17.40		
10	256QAM	1	49	17.20	17.21	17.30		
10	256QAM	25	0	17.39	17.42	17.31	19	5
10	256QAM	25	12	17.19	17.35	17.23		
10	256QAM	25	25	17.27	17.28	17.22		
10	256QAM	50	0	17.07	17.18	17.08		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.20	22.37	22.32	24	0
5	QPSK	1	12	22.15	22.30	22.25		
5	QPSK	1	24	22.08	22.18	22.16		
5	QPSK	12	0	21.14	21.31	21.22	23	1
5	QPSK	12	7	21.27	21.32	21.27		
5	QPSK	12	13	21.14	21.10	21.11		
5	QPSK	25	0	21.25	21.35	21.26		
5	16QAM	1	0	21.14	21.27	21.16	23	1
5	16QAM	1	12	21.20	21.21	21.20		
5	16QAM	1	24	21.02	21.08	21.06		
5	16QAM	12	0	20.18	20.46	20.30	22	2
5	16QAM	12	7	20.28	20.29	20.15		
5	16QAM	12	13	20.18	20.05	20.10		
5	16QAM	25	0	20.32	20.37	20.33		
5	64QAM	1	0	20.12	20.25	20.19	22	2
5	64QAM	1	12	20.24	20.14	20.16		
5	64QAM	1	24	20.00	20.09	20.12		
5	64QAM	12	0	19.23	19.36	19.31	21	3
5	64QAM	12	7	19.27	19.33	19.30		
5	64QAM	12	13	19.04	19.19	19.10		
5	64QAM	25	0	19.34	19.28	19.22		
5	256QAM	1	0	17.37	17.45	17.32	19	5
5	256QAM	1	12	17.28	17.33	17.36		
5	256QAM	1	24	17.10	17.18	17.15		
5	256QAM	12	0	17.34	17.37	17.19	19	5
5	256QAM	12	7	17.11	17.27	17.11		
5	256QAM	12	13	17.20	17.15	17.08		
5	256QAM	25	0	17.00	17.08	17.15		

Band 26 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.81	22.82	22.81	24	0
15	QPSK	1	37	22.64	22.75	22.73		
15	QPSK	1	74	22.71	22.77	22.72		
15	QPSK	36	0	21.89	21.91	21.72	23	1
15	QPSK	36	20	21.65	21.80	21.69		
15	QPSK	36	39	21.62	21.68	21.68		
15	QPSK	75	0	21.82	21.85	21.77		
15	16QAM	1	0	21.76	21.83	21.69	23	1
15	16QAM	1	37	21.53	21.82	21.64		
15	16QAM	1	74	21.63	21.63	21.62		
15	16QAM	36	0	20.92	20.84	20.85	22	2
15	16QAM	36	20	20.75	20.87	20.71		
15	16QAM	36	39	20.68	20.68	20.67		
15	16QAM	75	0	20.85	20.80	20.79		
15	64QAM	1	0	20.69	20.77	20.80	22	2
15	64QAM	1	37	20.54	20.84	20.62		
15	64QAM	1	74	20.56	20.53	20.60		
15	64QAM	36	0	19.80	19.94	19.75	21	3
15	64QAM	36	20	19.71	19.86	19.73		
15	64QAM	36	39	19.69	19.68	19.69		
15	64QAM	75	0	19.75	19.79	19.67		
15	256QAM	1	0	17.92	17.90	17.84	19	5
15	256QAM	1	37	17.79	17.79	17.72		
15	256QAM	1	74	17.66	17.79	17.72		
15	256QAM	36	0	17.67	17.94	17.72	19	5
15	256QAM	36	20	17.70	17.80	17.67		
15	256QAM	36	39	17.53	17.76	17.60		
15	256QAM	75	0	17.62	17.49	17.54		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.70	22.69	22.72	24	0
10	QPSK	1	25	22.53	22.60	22.67		
10	QPSK	1	49	22.57	22.70	22.58		
10	QPSK	25	0	21.80	21.80	21.58	23	1
10	QPSK	25	12	21.51	21.66	21.62		
10	QPSK	25	25	21.49	21.63	21.54		
10	QPSK	50	0	21.72	21.80	21.73		
10	16QAM	1	0	21.63	21.71	21.63	23	1
10	16QAM	1	25	21.39	21.77	21.61		
10	16QAM	1	49	21.57	21.53	21.51		
10	16QAM	25	0	20.81	20.80	20.79	22	2
10	16QAM	25	12	20.72	20.84	20.59		
10	16QAM	25	25	20.53	20.58	20.56		
10	16QAM	50	0	20.77	20.71	20.76		
10	64QAM	1	0	20.58	20.73	20.75	22	2
10	64QAM	1	25	20.47	20.75	20.54		
10	64QAM	1	49	20.44	20.44	20.50		
10	64QAM	25	0	19.75	19.89	19.66	21	3
10	64QAM	25	12	19.65	19.75	19.67		
10	64QAM	25	25	19.65	19.55	19.59		
10	64QAM	50	0	19.71	19.66	19.58		
10	256QAM	1	0	17.84	17.76	17.71	19	5
10	256QAM	1	25	17.72	17.68	17.61		
10	256QAM	1	49	17.53	17.64	17.64		
10	256QAM	25	0	17.63	17.79	17.62	19	5
10	256QAM	25	12	17.60	17.75	17.64		
10	256QAM	25	25	17.43	17.72	17.49		
10	256QAM	50	0	17.48	17.38	17.42		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.67	22.72	22.67	24	0
5	QPSK	1	12	22.51	22.62	22.64		
5	QPSK	1	24	22.61	22.65	22.59		
5	QPSK	12	0	21.75	21.77	21.57	23	1
5	QPSK	12	7	21.56	21.70	21.65		
5	QPSK	12	13	21.54	21.60	21.53		
5	QPSK	25	0	21.76	21.73	21.73		
5	16QAM	1	0	21.70	21.76	21.57	23	1
5	16QAM	1	12	21.39	21.79	21.52		
5	16QAM	1	24	21.53	21.58	21.52		
5	16QAM	12	0	20.80	20.69	20.78	22	2
5	16QAM	12	7	20.71	20.79	20.61		
5	16QAM	12	13	20.54	20.65	20.55		
5	16QAM	25	0	20.75	20.74	20.69		
5	64QAM	1	0	20.64	20.73	20.66	22	2
5	64QAM	1	12	20.48	20.74	20.50		
5	64QAM	1	24	20.44	20.38	20.52		
5	64QAM	12	0	19.74	19.90	19.67	21	3
5	64QAM	12	7	19.61	19.72	19.63		
5	64QAM	12	13	19.63	19.59	19.54		
5	64QAM	25	0	19.70	19.75	19.59		
5	256QAM	1	0	17.78	17.87	17.78	19	5
5	256QAM	1	12	17.65	17.73	17.64		
5	256QAM	1	24	17.54	17.71	17.65		
5	256QAM	12	0	17.55	17.88	17.62	19	5
5	256QAM	12	7	17.61	17.69	17.55		
5	256QAM	12	13	17.44	17.70	17.46		
5	256QAM	25	0	17.59	17.37	17.44		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.71	22.75	22.77	24	0
3	QPSK	1	8	22.53	22.67	22.62		
3	QPSK	1	14	22.68	22.63	22.62		
3	QPSK	8	0	21.75	21.80	21.64	23	1
3	QPSK	8	4	21.57	21.69	21.61		
3	QPSK	8	7	21.49	21.53	21.55		
3	QPSK	15	0	21.75	21.80	21.63		
3	16QAM	1	0	21.66	21.77	21.54	23	1
3	16QAM	1	8	21.45	21.78	21.60		
3	16QAM	1	14	21.57	21.54	21.50		
3	16QAM	8	0	20.77	20.71	20.71	22	2
3	16QAM	8	4	20.67	20.77	20.64		
3	16QAM	8	7	20.55	20.54	20.57		
3	16QAM	15	0	20.80	20.73	20.70		
3	64QAM	1	0	20.65	20.73	20.66	22	2
3	64QAM	1	8	20.44	20.80	20.59		
3	64QAM	1	14	20.48	20.49	20.46		
3	64QAM	8	0	19.67	19.84	19.62	21	3
3	64QAM	8	4	19.58	19.75	19.63		
3	64QAM	8	7	19.62	19.58	19.61		
3	64QAM	15	0	19.71	19.70	19.53		
3	256QAM	1	0	17.87	17.81	17.75	19	5
3	256QAM	1	8	17.75	17.66	17.67		
3	256QAM	1	14	17.57	17.68	17.63		
3	256QAM	8	0	17.57	17.88	17.61	19	5
3	256QAM	8	4	17.62	17.74	17.61		
3	256QAM	8	7	17.49	17.65	17.54		
3	256QAM	15	0	17.50	17.44	17.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.73	22.71	22.69	24	0
1.4	QPSK	1	3	22.60	22.62	22.67		
1.4	QPSK	1	5	22.67	22.71	22.66		
1.4	QPSK	3	0	22.64	22.67	22.57		
1.4	QPSK	3	1	22.46	22.57	22.63		
1.4	QPSK	3	3	22.54	22.67	22.59		
1.4	QPSK	6	0	21.75	21.70	21.66	23	1
1.4	16QAM	1	0	21.61	21.79	21.57	23	1
1.4	16QAM	1	3	21.48	21.67	21.54		
1.4	16QAM	1	5	21.51	21.52	21.52		
1.4	16QAM	3	0	21.70	21.65	21.63		
1.4	16QAM	3	1	21.54	21.65	21.51		
1.4	16QAM	3	3	21.34	21.61	21.42		
1.4	16QAM	6	0	20.81	20.76	20.65	22	2
1.4	64QAM	1	0	20.66	20.69	20.71	22	2
1.4	64QAM	1	3	20.46	20.71	20.49		
1.4	64QAM	1	5	20.46	20.47	20.51		
1.4	64QAM	3	0	20.74	20.67	20.53		
1.4	64QAM	3	1	20.58	20.59	20.63		
1.4	64QAM	3	3	20.32	20.59	20.37		
1.4	64QAM	6	0	19.67	19.73	19.57	21	3
1.4	256QAM	1	0	17.86	17.84	17.70	19	5
1.4	256QAM	1	3	17.73	17.72	17.65		
1.4	256QAM	1	5	17.54	17.66	17.61		
1.4	256QAM	3	0	17.52	17.80	17.60		
1.4	256QAM	3	1	17.60	17.70	17.59		
1.4	256QAM	3	3	17.39	17.62	17.55		
1.4	256QAM	6	0	17.55	17.41	17.49	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.46	18.62	18.50	19.9	0
20	QPSK	1	49	18.39	18.52	18.42		
20	QPSK	1	99	18.37	18.48	18.49		
20	QPSK	50	0	18.45	18.50	18.42		
20	QPSK	50	24	18.39	18.45	18.39		
20	QPSK	50	50	18.39	18.45	18.43		
20	QPSK	100	0	18.43	18.52	18.46		
20	16QAM	1	0	18.42	18.39	18.51	19.9	0
20	16QAM	1	49	18.37	18.45	18.43		
20	16QAM	1	99	18.37	18.44	18.41		
20	16QAM	50	0	18.53	18.54	18.40	19.9	0
20	16QAM	50	24	18.36	18.42	18.41		
20	16QAM	50	50	18.22	18.39	18.31		
20	16QAM	100	0	18.42	18.39	18.40		
20	64QAM	1	0	18.35	18.42	18.37	19.9	0
20	64QAM	1	49	18.30	18.52	18.45		
20	64QAM	1	99	18.41	18.45	18.49		
20	64QAM	50	0	18.36	18.32	18.39	19.9	0
20	64QAM	50	24	18.27	18.35	18.31		
20	64QAM	50	50	18.34	18.40	18.31		
20	64QAM	100	0	18.35	18.48	18.38		
20	256QAM	1	0	16.60	16.62	16.62	18	1.9
20	256QAM	1	49	16.51	16.61	16.49		
20	256QAM	1	99	16.38	16.50	16.54		
20	256QAM	50	0	16.47	16.60	16.44	18	1.9
20	256QAM	50	24	16.48	16.47	16.47		
20	256QAM	50	50	16.39	16.55	16.55		
20	256QAM	100	0	16.57	16.57	16.52		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.43	18.60	18.40	19.9	0
15	QPSK	1	37	18.37	18.52	18.35		
15	QPSK	1	74	18.33	18.47	18.44		
15	QPSK	36	0	18.41	18.39	18.33	19.9	0
15	QPSK	36	20	18.35	18.42	18.33		
15	QPSK	36	39	18.29	18.45	18.34		
15	QPSK	75	0	18.41	18.44	18.46		
15	16QAM	1	0	18.30	18.38	18.46	19.9	0
15	16QAM	1	37	18.26	18.40	18.43		
15	16QAM	1	74	18.29	18.39	18.34		
15	16QAM	36	0	18.47	18.45	18.29	19.9	0
15	16QAM	36	20	18.27	18.39	18.39		
15	16QAM	36	39	18.18	18.39	18.20		
15	16QAM	75	0	18.36	18.36	18.37		
15	64QAM	1	0	18.25	18.41	18.31	19.9	0
15	64QAM	1	37	18.18	18.44	18.41		
15	64QAM	1	74	18.39	18.34	18.40		
15	64QAM	36	0	18.32	18.25	18.35	19.9	0
15	64QAM	36	20	18.25	18.30	18.21		
15	64QAM	36	39	18.33	18.33	18.27		
15	64QAM	75	0	18.31	18.47	18.35		
15	256QAM	1	0	16.59	16.57	16.51	18	1.9
15	256QAM	1	37	16.41	16.57	16.45		
15	256QAM	1	74	16.29	16.45	16.49		
15	256QAM	36	0	16.46	16.52	16.38	18	1.9
15	256QAM	36	20	16.38	16.47	16.44		
15	256QAM	36	39	16.36	16.44	16.45		
15	256QAM	75	0	16.51	16.45	16.41		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.36	18.55	18.42	19.9	0
10	QPSK	1	25	18.28	18.46	18.31		
10	QPSK	1	49	18.32	18.45	18.46		
10	QPSK	25	0	18.38	18.41	18.41	19.9	0
10	QPSK	25	12	18.37	18.37	18.29		
10	QPSK	25	25	18.27	18.37	18.34		
10	QPSK	50	0	18.33	18.51	18.44		
10	16QAM	1	0	18.36	18.37	18.40	19.9	0
10	16QAM	1	25	18.33	18.36	18.38		
10	16QAM	1	49	18.33	18.40	18.32		
10	16QAM	25	0	18.45	18.46	18.31	19.9	0
10	16QAM	25	12	18.36	18.33	18.40		
10	16QAM	25	25	18.11	18.36	18.30		
10	16QAM	50	0	18.41	18.39	18.37		
10	64QAM	1	0	18.27	18.37	18.30	19.9	0
10	64QAM	1	25	18.19	18.47	18.39		
10	64QAM	1	49	18.34	18.42	18.47		
10	64QAM	25	0	18.25	18.22	18.33	19.9	0
10	64QAM	25	12	18.21	18.32	18.28		
10	64QAM	25	25	18.29	18.30	18.28		
10	64QAM	50	0	18.24	18.40	18.26		
10	256QAM	1	0	16.56	16.55	16.60	18	1.9
10	256QAM	1	25	16.47	16.55	16.37		
10	256QAM	1	49	16.30	16.50	16.52		
10	256QAM	25	0	16.39	16.50	16.37	18	1.9
10	256QAM	25	12	16.46	16.39	16.43		
10	256QAM	25	25	16.36	16.44	16.44		
10	256QAM	50	0	16.50	16.57	16.44		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.35	18.59	18.49	19.9	0
5	QPSK	1	12	18.32	18.46	18.35		
5	QPSK	1	24	18.34	18.42	18.37		
5	QPSK	12	0	18.42	18.40	18.38	19.9	0
5	QPSK	12	7	18.38	18.39	18.31		
5	QPSK	12	13	18.31	18.36	18.31		
5	QPSK	25	0	18.36	18.41	18.37		
5	16QAM	1	0	18.40	18.34	18.51	19.9	0
5	16QAM	1	12	18.30	18.43	18.39		
5	16QAM	1	24	18.30	18.41	18.36		
5	16QAM	12	0	18.48	18.46	18.35	19.9	0
5	16QAM	12	7	18.36	18.31	18.37		
5	16QAM	12	13	18.17	18.31	18.30		
5	16QAM	25	0	18.38	18.34	18.40	19.9	0
5	64QAM	1	0	18.24	18.31	18.34		
5	64QAM	1	12	18.22	18.48	18.44		
5	64QAM	1	24	18.31	18.45	18.46		
5	64QAM	12	0	18.31	18.30	18.35	19.9	0
5	64QAM	12	7	18.22	18.35	18.20		
5	64QAM	12	13	18.27	18.37	18.24		
5	64QAM	25	0	18.28	18.37	18.32		
5	256QAM	1	0	16.54	16.60	16.57	18	1.9
5	256QAM	1	12	16.48	16.56	16.45		
5	256QAM	1	24	16.28	16.48	16.51		
5	256QAM	12	0	16.43	16.58	16.43	18	1.9
5	256QAM	12	7	16.47	16.42	16.37		
5	256QAM	12	13	16.27	16.43	16.54		
5	256QAM	25	0	16.46	16.49	16.46		

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BW [MHz]	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	20.08	20.17	20.16	21.5	0
20	QPSK	1	49	19.86	19.96	20.04		
20	QPSK	1	99	19.90	19.97	19.92		
20	QPSK	50	0	20.07	20.13	20.12	21.5	0
20	QPSK	50	24	19.93	20.07	19.99		
20	QPSK	50	50	19.91	19.99	20.00		
20	QPSK	100	0	19.98	20.12	19.97		
20	16QAM	1	0	19.91	19.97	19.95	21.5	0
20	16QAM	1	49	19.74	19.94	19.97		
20	16QAM	1	99	19.87	19.86	19.78		
20	16QAM	50	0	19.93	20.00	19.87	21.5	0
20	16QAM	50	24	19.87	19.93	19.89		
20	16QAM	50	50	19.83	19.83	19.76		
20	16QAM	100	0	19.96	19.90	19.88		
20	64QAM	1	0	19.98	19.96	20.01	21.5	0
20	64QAM	1	49	19.80	19.90	19.82		
20	64QAM	1	99	19.72	19.78	19.76		
20	64QAM	50	0	19.96	19.96	19.88	21.5	0
20	64QAM	50	24	19.88	19.89	19.81		
20	64QAM	50	50	19.77	19.87	19.91		
20	64QAM	100	0	19.92	19.86	19.92		
20	256QAM	1	0	19.51	19.66	19.65	21	0.5
20	256QAM	1	49	19.45	19.53	19.54		
20	256QAM	1	99	19.41	19.41	19.40		
20	256QAM	50	0	19.50	19.60	19.60	21	0.5
20	256QAM	50	24	19.46	19.51	19.56		
20	256QAM	50	50	19.42	19.43	19.44		
20	256QAM	100	0	19.48	19.49	19.49		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.01	20.05	20.07	21.5	0
15	QPSK	1	37	19.81	19.89	19.94		
15	QPSK	1	74	19.83	19.89	19.83		
15	QPSK	36	0	20.02	19.99	20.04	21.5	0
15	QPSK	36	20	19.86	19.97	19.96		
15	QPSK	36	39	19.80	19.93	19.90		
15	QPSK	75	0	19.90	20.03	19.85		
15	16QAM	1	0	19.78	19.85	19.89	21.5	0
15	16QAM	1	37	19.65	19.83	19.83		
15	16QAM	1	74	19.73	19.81	19.65		
15	16QAM	36	0	19.84	19.94	19.84	21.5	0
15	16QAM	36	20	19.77	19.88	19.76		
15	16QAM	36	39	19.81	19.75	19.66		
15	16QAM	75	0	19.93	19.81	19.77		
15	64QAM	1	0	19.88	19.86	19.91	21.5	0
15	64QAM	1	37	19.77	19.82	19.72		
15	64QAM	1	74	19.64	19.73	19.65		
15	64QAM	36	0	19.91	19.89	19.77	21.5	0
15	64QAM	36	20	19.79	19.79	19.68		
15	64QAM	36	39	19.73	19.84	19.85		
15	64QAM	75	0	19.83	19.82	19.87		
15	256QAM	1	0	19.46	19.53	19.60	21	0.5
15	256QAM	1	37	19.33	19.48	19.44		
15	256QAM	1	74	19.30	19.31	19.30		
15	256QAM	36	0	19.42	19.48	19.50	21	0.5
15	256QAM	36	20	19.37	19.48	19.47		
15	256QAM	36	39	19.30	19.39	19.35		
15	256QAM	75	0	19.40	19.45	19.38		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.98	20.14	20.09	21.5	0
10	QPSK	1	25	19.83	19.84	19.98		
10	QPSK	1	49	19.83	19.95	19.90		
10	QPSK	25	0	20.04	20.04	20.07	21.5	0
10	QPSK	25	12	19.87	20.04	19.94		
10	QPSK	25	25	19.81	19.92	19.88		
10	QPSK	50	0	19.86	20.08	19.84	21.5	0
10	16QAM	1	0	19.81	19.88	19.88		
10	16QAM	1	25	19.70	19.90	19.92		
10	16QAM	1	49	19.81	19.76	19.68		
10	16QAM	25	0	19.83	19.93	19.84	21.5	0
10	16QAM	25	12	19.83	19.86	19.82		
10	16QAM	25	25	19.71	19.73	19.73		
10	16QAM	50	0	19.86	19.82	19.75		
10	64QAM	1	0	19.87	19.94	19.98	21.5	0
10	64QAM	1	25	19.72	19.87	19.79		
10	64QAM	1	49	19.69	19.75	19.65		
10	64QAM	25	0	19.91	19.90	19.82	21.5	0
10	64QAM	25	12	19.86	19.82	19.68		
10	64QAM	25	25	19.70	19.74	19.83		
10	64QAM	50	0	19.82	19.78	19.86		
10	256QAM	1	0	19.49	19.58	19.61	21	0.5
10	256QAM	1	25	19.32	19.44	19.49		
10	256QAM	1	49	19.34	19.38	19.33		
10	256QAM	25	0	19.39	19.52	19.55	21	0.5
10	256QAM	25	12	19.43	19.42	19.52		
10	256QAM	25	25	19.34	19.30	19.35		
10	256QAM	50	0	19.35	19.42	19.41		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.00	20.11	20.07	21.5	0
5	QPSK	1	12	19.78	19.90	20.02		
5	QPSK	1	24	19.81	19.88	19.85		
5	QPSK	12	0	20.01	20.06	20.04	21.5	0
5	QPSK	12	7	19.80	20.03	19.90		
5	QPSK	12	13	19.84	19.96	19.93		
5	QPSK	25	0	19.92	20.03	19.93	21.5	0
5	16QAM	1	0	19.80	19.92	19.82		
5	16QAM	1	12	19.69	19.82	19.84		
5	16QAM	1	24	19.83	19.73	19.68		
5	16QAM	12	0	19.81	19.95	19.84	21.5	0
5	16QAM	12	7	19.82	19.83	19.78		
5	16QAM	12	13	19.76	19.70	19.63		
5	16QAM	25	0	19.84	19.86	19.82	21.5	0
5	64QAM	1	0	19.93	19.93	19.96		
5	64QAM	1	12	19.76	19.81	19.79		
5	64QAM	1	24	19.67	19.65	19.72		
5	64QAM	12	0	19.86	19.92	19.78	21.5	0
5	64QAM	12	7	19.80	19.85	19.68		
5	64QAM	12	13	19.69	19.74	19.86		
5	64QAM	25	0	19.80	19.75	19.81		
5	256QAM	1	0	19.48	19.54	19.60	21	0.5
5	256QAM	1	12	19.42	19.44	19.45		
5	256QAM	1	24	19.35	19.27	19.27		
5	256QAM	12	0	19.47	19.55	19.47	21	0.5
5	256QAM	12	7	19.39	19.44	19.43		
5	256QAM	12	13	19.29	19.39	19.37		
5	256QAM	25	0	19.44	19.45	19.42		

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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	18.59	18.58	18.65	18.60	18.62	19.9	0
20	QPSK	1	49	18.41	18.49	18.54	18.52	18.43		
20	QPSK	1	99	18.48	18.41	18.52	18.50	18.53		
20	QPSK	50	0	18.49	18.50	18.57	18.48	18.49		
20	QPSK	50	24	18.41	18.45	18.51	18.43	18.43		
20	QPSK	50	50	18.41	18.40	18.54	18.44	18.51		
20	QPSK	100	0	18.54	18.48	18.55	18.54	18.48		
20	16QAM	1	0	18.45	18.43	18.47	18.53	18.48	19.9	0
20	16QAM	1	49	18.47	18.39	18.49	18.48	18.53		
20	16QAM	1	99	18.46	18.42	18.46	18.46	18.52		
20	16QAM	50	0	18.58	18.56	18.62	18.50	18.57		
20	16QAM	50	24	18.34	18.41	18.53	18.43	18.43		
20	16QAM	50	50	18.44	18.31	18.49	18.42	18.49		
20	16QAM	100	0	18.45	18.49	18.49	18.47	18.46		
20	64QAM	1	0	18.33	18.42	18.44	18.40	18.44	19.9	0
20	64QAM	1	49	18.32	18.38	18.55	18.45	18.49		
20	64QAM	1	99	18.49	18.45	18.47	18.53	18.45		
20	64QAM	50	0	18.38	18.43	18.42	18.48	18.39	19.9	0
20	64QAM	50	24	18.36	18.38	18.39	18.39	18.45		
20	64QAM	50	50	18.38	18.42	18.42	18.42	18.44		
20	64QAM	100	0	18.34	18.41	18.51	18.42	18.40		
20	256QAM	1	0	16.71	16.69	16.70	16.72	16.70	18	1.9
20	256QAM	1	49	16.53	16.62	16.70	16.58	16.47		
20	256QAM	1	99	16.53	16.46	16.60	16.57	16.61		
20	256QAM	50	0	16.65	16.55	16.63	16.53	16.60	18	1.9
20	256QAM	50	24	16.49	16.57	16.58	16.59	16.58		
20	256QAM	50	50	16.55	16.48	16.62	16.60	16.60		
20	256QAM	100	0	16.68	16.60	16.68	16.59	16.59		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.55	18.57	18.55	18.50	18.61	20	0
15	QPSK	1	37	18.29	18.48	18.53	18.46	18.32		
15	QPSK	1	74	18.48	18.32	18.44	18.44	18.43		
15	QPSK	36	0	18.47	18.47	18.55	18.40	18.41	19.9	0
15	QPSK	36	20	18.40	18.35	18.44	18.34	18.40		
15	QPSK	36	39	18.36	18.34	18.51	18.36	18.45		
15	QPSK	75	0	18.51	18.37	18.45	18.49	18.41		
15	16QAM	1	0	18.43	18.32	18.36	18.48	18.48	19.9	0
15	16QAM	1	37	18.41	18.33	18.41	18.39	18.49		
15	16QAM	1	74	18.36	18.40	18.40	18.44	18.44		
15	16QAM	36	0	18.47	18.46	18.61	18.48	18.54	19.9	0
15	16QAM	36	20	18.25	18.40	18.51	18.37	18.32		
15	16QAM	36	39	18.35	18.21	18.46	18.40	18.40		
15	16QAM	75	0	18.35	18.46	18.41	18.39	18.39		
15	64QAM	1	0	18.23	18.37	18.36	18.38	18.43	19.9	0
15	64QAM	1	37	18.29	18.33	18.52	18.37	18.48		
15	64QAM	1	74	18.46	18.38	18.45	18.48	18.37		
15	64QAM	36	0	18.26	18.41	18.31	18.39	18.35	19.9	0
15	64QAM	36	20	18.28	18.30	18.35	18.30	18.44		
15	64QAM	36	39	18.35	18.40	18.39	18.38	18.40		
15	64QAM	75	0	18.32	18.34	18.41	18.37	18.39		
15	256QAM	1	0	16.62	16.66	16.62	16.63	16.63	18	1.9
15	256QAM	1	37	16.46	16.57	16.64	16.49	16.40		
15	256QAM	1	74	16.41	16.39	16.49	16.45	16.52		
15	256QAM	36	0	16.58	16.45	16.53	16.48	16.51	18	1.9
15	256QAM	36	20	16.39	16.55	16.57	16.50	16.48		
15	256QAM	36	39	16.52	16.47	16.60	16.59	16.55		
15	256QAM	75	0	16.56	16.54	16.60	16.55	16.58		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.50	18.51	18.55	18.58	18.58	20	0
10	QPSK	1	25	18.30	18.40	18.44	18.46	18.36		
10	QPSK	1	49	18.36	18.37	18.41	18.40	18.45		
10	QPSK	25	0	18.37	18.41	18.49	18.39	18.42	19.9	0
10	QPSK	25	12	18.33	18.41	18.43	18.35	18.37		
10	QPSK	25	25	18.32	18.31	18.43	18.40	18.45		
10	QPSK	50	0	18.53	18.46	18.50	18.46	18.48		
10	16QAM	1	0	18.45	18.37	18.37	18.53	18.37	19.9	0
10	16QAM	1	25	18.41	18.29	18.45	18.36	18.43		
10	16QAM	1	49	18.35	18.32	18.43	18.40	18.51		
10	16QAM	25	0	18.49	18.45	18.62	18.49	18.46	19.9	0
10	16QAM	25	12	18.32	18.34	18.49	18.42	18.38		
10	16QAM	25	25	18.35	18.20	18.46	18.41	18.49		
10	16QAM	50	0	18.39	18.46	18.39	18.46	18.42		
10	64QAM	1	0	18.33	18.37	18.43	18.30	18.41	19.9	0
10	64QAM	1	25	18.25	18.30	18.44	18.36	18.47		
10	64QAM	1	49	18.44	18.37	18.46	18.42	18.42		
10	64QAM	25	0	18.33	18.31	18.31	18.38	18.37	19.9	0
10	64QAM	25	12	18.32	18.31	18.31	18.36	18.38		
10	64QAM	25	25	18.26	18.41	18.37	18.40	18.33		
10	64QAM	50	0	18.30	18.29	18.40	18.37	18.38		
10	256QAM	1	0	16.62	16.68	16.61	16.68	16.62	18	1.9
10	256QAM	1	25	16.48	16.56	16.64	16.53	16.36		
10	256QAM	1	49	16.44	16.44	16.50	16.55	16.54		
10	256QAM	25	0	16.62	16.50	16.52	16.47	16.58	18	1.9
10	256QAM	25	12	16.38	16.46	16.49	16.54	16.56		
10	256QAM	25	25	16.50	16.45	16.59	16.50	16.54		
10	256QAM	50	0	16.63	16.53	16.67	16.56	16.48		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	18.52	18.55	18.55	18.54	18.60	20	0
5	QPSK	1	12	18.31	18.38	18.44	18.51	18.35		
5	QPSK	1	24	18.43	18.30	18.49	18.49	18.52		
5	QPSK	12	0	18.41	18.49	18.53	18.47	18.47	19.9	0
5	QPSK	12	7	18.36	18.42	18.41	18.39	18.33		
5	QPSK	12	13	18.30	18.35	18.45	18.34	18.50		
5	QPSK	25	0	18.48	18.38	18.44	18.53	18.42		
5	16QAM	1	0	18.38	18.35	18.47	18.52	18.38	19.9	0
5	16QAM	1	12	18.43	18.27	18.38	18.38	18.41		
5	16QAM	1	24	18.41	18.33	18.43	18.42	18.43		
5	16QAM	12	0	18.46	18.44	18.60	18.43	18.52	19.9	0
5	16QAM	12	7	18.31	18.35	18.49	18.38	18.33		
5	16QAM	12	13	18.35	18.20	18.46	18.32	18.47		
5	16QAM	25	0	18.39	18.42	18.37	18.42	18.36		
5	64QAM	1	0	18.25	18.41	18.43	18.34	18.39	19.9	0
5	64QAM	1	12	18.22	18.37	18.48	18.42	18.41		
5	64QAM	1	24	18.37	18.38	18.41	18.50	18.41		
5	64QAM	12	0	18.36	18.34	18.33	18.42	18.35	19.9	0
5	64QAM	12	7	18.26	18.35	18.27	18.28	18.34		
5	64QAM	12	13	18.29	18.33	18.32	18.35	18.41		
5	64QAM	25	0	18.31	18.31	18.40	18.39	18.29		
5	256QAM	1	0	16.68	16.60	16.59	16.61	16.66	18	1.9
5	256QAM	1	12	16.51	16.55	16.61	16.52	16.43		
5	256QAM	1	24	16.45	16.41	16.49	16.55	16.51		
5	256QAM	12	0	16.61	16.44	16.59	16.50	16.59	18	1.9
5	256QAM	12	7	16.39	16.49	16.56	16.49	16.52		
5	256QAM	12	13	16.51	16.44	16.50	16.53	16.54		
5	256QAM	25	0	16.56	16.53	16.57	16.56	16.52		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.13	20.16	20.20	20.19	20.15	21.5	0
20	QPSK	1	49	19.96	19.99	20.09	20.12	20.07		
20	QPSK	1	99	20.04	20.01	20.03	20.01	20.04		
20	QPSK	50	0	20.11	20.11	20.16	20.15	20.05		
20	QPSK	50	24	20.06	20.02	20.09	20.05	19.99		
20	QPSK	50	50	20.03	19.98	20.02	20.02	20.07		
20	QPSK	100	0	20.09	20.12	20.14	20.11	20.05		
20	16QAM	1	0	20.06	20.02	20.08	20.03	20.02	21.5	0
20	16QAM	1	49	19.94	19.94	20.02	20.05	19.95		
20	16QAM	1	99	19.96	19.94	19.95	19.87	19.87		
20	16QAM	50	0	19.95	19.99	20.06	20.01	19.96		
20	16QAM	50	24	19.94	19.89	20.01	19.92	19.85		
20	16QAM	50	50	19.96	19.89	19.96	19.88	19.90		
20	16QAM	100	0	19.99	20.02	20.02	19.96	19.93		
20	64QAM	1	0	20.05	20.10	20.03	20.06	19.99	21.5	0
20	64QAM	1	49	19.86	19.86	20.01	19.96	19.93		
20	64QAM	1	99	19.97	19.84	19.91	19.88	19.98		
20	64QAM	50	0	19.94	19.99	20.01	19.99	19.93		
20	64QAM	50	24	19.90	19.93	19.95	19.89	19.93		
20	64QAM	50	50	19.92	19.85	19.93	19.96	20.01		
20	64QAM	100	0	20.01	20.01	19.96	20.04	19.93		
20	256QAM	1	0	19.58	19.62	19.69	19.73	19.68	21	0.5
20	256QAM	1	49	19.46	19.51	19.64	19.65	19.59		
20	256QAM	1	99	19.48	19.47	19.54	19.49	19.53		
20	256QAM	50	0	19.60	19.61	19.70	19.67	19.61	21	0.5
20	256QAM	50	24	19.60	19.54	19.54	19.60	19.54		
20	256QAM	50	50	19.50	19.53	19.50	19.49	19.56		
20	256QAM	100	0	19.60	19.59	19.62	19.57	19.56		
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	20.06	20.14	20.17	20.14	20.10	22	0
15	QPSK	1	37	19.91	19.85	19.98	20.03	20.04		
15	QPSK	1	74	19.90	19.91	19.90	19.96	19.97		
15	QPSK	36	0	20.06	20.06	20.10	20.10	19.98	21.5	0
15	QPSK	36	20	19.94	19.96	19.99	19.94	19.89		
15	QPSK	36	39	19.95	19.94	19.89	19.98	19.99		
15	QPSK	75	0	20.01	19.99	20.11	20.03	20.02		
15	16QAM	1	0	20.00	19.96	19.98	19.89	19.99	21.5	0
15	16QAM	1	37	19.71	19.80	19.90	19.95	19.89		
15	16QAM	1	74	19.83	19.83	19.88	19.78	19.85		
15	16QAM	36	0	19.82	19.95	19.98	19.97	19.93	21.5	0
15	16QAM	36	20	19.81	19.78	19.94	19.80	19.78		
15	16QAM	36	39	19.88	19.84	19.86	19.77	19.81		
15	16QAM	75	0	19.93	19.97	19.96	19.82	19.89		
15	64QAM	1	0	19.93	20.05	19.94	19.95	19.96	21.5	0
15	64QAM	1	37	19.74	19.73	19.97	19.87	19.81		
15	64QAM	1	74	19.92	19.73	19.86	19.80	19.92		
15	64QAM	36	0	19.86	19.89	19.91	19.86	19.87	21.5	0
15	64QAM	36	20	19.83	19.91	19.82	19.85	19.79		
15	64QAM	36	39	19.86	19.75	19.84	19.89	19.98		
15	64QAM	75	0	19.99	19.93	19.90	19.95	19.84		
15	256QAM	1	0	19.48	19.50	19.59	19.63	19.59	21	0.5
15	256QAM	1	37	19.36	19.47	19.54	19.61	19.55		
15	256QAM	1	74	19.38	19.44	19.52	19.37	19.44		
15	256QAM	36	0	19.54	19.51	19.64	19.52	19.52	21	0.5
15	256QAM	36	20	19.52	19.42	19.52	19.57	19.51		
15	256QAM	36	39	19.43	19.44	19.43	19.42	19.47		
15	256QAM	75	0	19.51	19.49	19.49	19.52	19.53		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.10	20.04	20.11	20.11	20.04	22	0
10	QPSK	1	25	19.92	19.93	19.98	20.06	19.95		
10	QPSK	1	49	19.96	19.97	19.98	19.88	20.00		
10	QPSK	25	0	20.05	20.04	20.10	20.05	19.98	21.5	0
10	QPSK	25	12	19.98	19.89	20.05	20.02	19.87		
10	QPSK	25	25	19.96	19.94	19.89	19.96	19.97		
10	QPSK	50	0	20.05	20.02	20.02	20.04	19.95		
10	16QAM	1	0	20.01	19.89	20.02	19.95	19.94	21.5	0
10	16QAM	1	25	19.71	19.76	19.99	19.99	19.85		
10	16QAM	1	49	19.92	19.86	19.87	19.80	19.76		
10	16QAM	25	0	19.87	19.85	19.94	19.93	19.91	21.5	0
10	16QAM	25	12	19.86	19.84	19.93	19.86	19.76		
10	16QAM	25	25	19.93	19.83	19.94	19.83	19.82		
10	16QAM	50	0	19.94	19.95	19.92	19.84	19.86		
10	64QAM	1	0	19.92	20.02	19.98	20.03	19.92	21.5	0
10	64QAM	1	25	19.81	19.76	19.97	19.91	19.82		
10	64QAM	1	49	19.92	19.81	19.81	19.79	19.95		
10	64QAM	25	0	19.88	19.94	19.87	19.89	19.86	21.5	0
10	64QAM	25	12	19.81	19.85	19.92	19.76	19.83		
10	64QAM	25	25	19.89	19.77	19.83	19.86	19.87		
10	64QAM	50	0	19.91	19.95	19.84	19.90	19.80		
10	256QAM	1	0	19.55	19.50	19.62	19.61	19.58	21	0.5
10	256QAM	1	25	19.40	19.48	19.58	19.60	19.53		
10	256QAM	1	49	19.37	19.42	19.46	19.39	19.47		
10	256QAM	25	0	19.48	19.51	19.61	19.62	19.51	21	0.5
10	256QAM	25	12	19.48	19.48	19.47	19.54	19.46		
10	256QAM	25	25	19.47	19.41	19.46	19.35	19.45		
10	256QAM	50	0	19.54	19.55	19.60	19.46	19.46		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	20.11	20.12	20.13	20.08	20.10	22	0
5	QPSK	1	12	19.84	19.97	19.96	20.02	19.93		
5	QPSK	1	24	19.94	19.95	19.96	19.94	19.99		
5	QPSK	12	0	20.00	20.04	20.03	20.10	19.98	21.5	0
5	QPSK	12	7	20.00	19.92	20.07	20.00	19.87		
5	QPSK	12	13	19.97	19.92	19.98	19.94	19.99		
5	QPSK	25	0	19.98	20.10	20.04	20.01	20.02		
5	16QAM	1	0	19.99	19.94	19.95	19.90	19.95	21.5	0
5	16QAM	1	12	19.74	19.72	19.97	20.00	19.87		
5	16QAM	1	24	19.87	19.89	19.84	19.77	19.84		
5	16QAM	12	0	19.86	19.89	19.94	19.99	19.86	21.5	0
5	16QAM	12	7	19.82	19.86	19.90	19.82	19.73		
5	16QAM	12	13	19.91	19.83	19.84	19.86	19.77		
5	16QAM	25	0	19.93	19.89	19.94	19.93	19.90		
5	64QAM	1	0	20.02	20.04	19.90	20.04	19.96	21.5	0
5	64QAM	1	12	19.75	19.75	19.92	19.91	19.90		
5	64QAM	1	24	19.84	19.76	19.78	19.78	19.88		
5	64QAM	12	0	19.82	19.89	19.93	19.88	19.83	21.5	0
5	64QAM	12	7	19.78	19.82	19.92	19.85	19.85		
5	64QAM	12	13	19.78	19.77	19.82	19.87	19.89		
5	64QAM	25	0	19.93	19.97	19.85	20.01	19.84		
5	256QAM	1	0	19.49	19.49	19.57	19.63	19.58	21	0.5
5	256QAM	1	12	19.38	19.42	19.62	19.62	19.56		
5	256QAM	1	24	19.45	19.44	19.45	19.42	19.42		
5	256QAM	12	0	19.57	19.51	19.59	19.59	19.47	21	0.5
5	256QAM	12	7	19.56	19.47	19.44	19.50	19.49		
5	256QAM	12	13	19.36	19.42	19.47	19.40	19.48		
5	256QAM	25	0	19.49	19.47	19.56	19.49	19.51		

GSM850 Ant 1 DSI7	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.39	30.58	30.56	31.80	21.39	21.58	21.56	22.80
GPRS 1 Tx slot	30.34	30.51	30.46	31.80	21.34	21.51	21.46	22.80
GPRS 2 Tx slots	27.23	27.52	27.38	28.80	21.23	21.52	21.38	22.80
GPRS 3 Tx slots	25.85	26.08	25.96	27.00	21.59	21.82	21.70	22.74
GPRS 4 Tx slots	24.53	24.85	24.73	25.80	21.53	21.85	21.73	22.80
EDGE 1 Tx slot	26.12	26.15	26.12	27.00	17.12	17.15	17.12	18.00
EDGE 2 Tx slots	25.01	25.03	24.94	26.00	19.01	19.03	18.94	20.00
EDGE 3 Tx slots	23.40	23.48	23.54	24.50	19.14	19.22	19.28	20.24
EDGE 4 Tx slots	21.48	21.72	21.69	22.50	18.48	18.72	18.69	19.50

GSM1900 Ant 1 DSI7	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	22.24	22.29	22.16	23.30	13.24	13.29	13.16	14.30
GPRS 1 Tx slot	22.19	22.26	22.13	23.30	13.19	13.26	13.13	14.30
GPRS 2 Tx slots	19.22	19.30	19.27	20.30	13.22	13.30	13.27	14.30
GPRS 3 Tx slots	17.23	17.30	17.24	18.50	12.97	13.04	12.98	14.24
GPRS 4 Tx slots	16.27	16.33	16.31	17.30	13.27	13.33	13.31	14.30
EDGE 1 Tx slot	22.33	22.28	22.15	23.30	13.33	13.28	13.15	14.30
EDGE 2 Tx slots	19.64	19.54	19.50	20.30	13.64	13.54	13.50	14.30
EDGE 3 Tx slots	17.24	17.27	17.17	18.50	12.98	13.01	12.91	14.24
EDGE 4 Tx slots	16.23	16.23	16.22	17.30	13.23	13.23	13.22	14.30

Band		WCDMA II Ant 1 DSI7			Tune-up Limit (dBm)	WCDMA IV Ant 1 DSI7			Tune-up Limit (dBm)	WCDMA V Ant 1 DSI7			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	11.75	11.80	11.76	12.60	13.10	13.15	13.07	14.30	20.03	20.06	20.04	21.30
3GPP Rel 99	RMC 12.2Kbps	11.79	11.83	11.77	12.60	13.14	13.18	13.11	14.30	20.08	20.10	20.06	21.30
3GPP Rel 6	HSDPA Subtest-1	10.74	10.86	10.78	11.60	12.13	12.14	12.15	13.30	19.12	19.06	19.01	20.30
3GPP Rel 6	HSDPA Subtest-2	10.76	10.84	10.76	11.60	12.19	12.20	12.14	13.30	19.02	19.08	19.08	20.30
3GPP Rel 6	HSDPA Subtest-3	10.29	10.33	10.27	11.10	11.65	11.65	11.60	12.80	18.62	18.60	18.59	19.80
3GPP Rel 6	HSDPA Subtest-4	10.35	10.38	10.33	11.10	11.61	11.71	11.66	12.80	18.56	18.59	18.51	19.80
3GPP Rel 8	DC-HSDPA Subtest-1	10.82	10.80	10.79	11.60	12.17	12.13	12.10	13.30	19.11	19.16	19.04	20.30
3GPP Rel 8	DC-HSDPA Subtest-2	10.76	10.84	10.75	11.60	12.17	12.24	12.13	13.30	19.13	19.08	19.05	20.30
3GPP Rel 8	DC-HSDPA Subtest-3	10.23	10.29	10.28	11.10	11.61	11.70	11.60	12.80	18.56	18.66	18.55	19.80
3GPP Rel 8	DC-HSDPA Subtest-4	10.27	10.35	10.28	11.10	11.64	11.71	11.65	12.80	18.63	18.63	18.57	19.80
3GPP Rel 6	HSUPA Subtest-1	10.73	10.88	10.82	11.60	12.09	12.14	12.07	13.30	19.13	19.11	19.03	20.30
3GPP Rel 6	HSUPA Subtest-2	8.84	8.77	8.77	9.60	10.11	10.24	10.07	11.30	17.05	17.15	17.01	18.30
3GPP Rel 6	HSUPA Subtest-3	9.80	9.79	9.77	10.60	11.11	11.22	11.10	12.30	18.07	18.06	18.11	19.30
3GPP Rel 6	HSUPA Subtest-4	8.78	8.81	8.78	9.60	10.16	10.16	10.11	11.30	17.08	17.15	17.07	18.30
3GPP Rel 6	HSUPA Subtest-5	10.79	10.84	10.73	11.60	12.14	12.22	12.14	13.30	19.07	19.08	19.09	20.30

Band 2 Ant 1 DSI7

BW [MHz]	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	11.84	11.88	11.82		
20	QPSK	1	49	11.72	11.76	11.70	13.2	0
20	QPSK	1	99	11.73	11.77	11.67		
20	QPSK	50	0	11.75	11.86	11.82		
20	QPSK	50	24	11.71	11.77	11.76	13.2	0
20	QPSK	50	50	11.75	11.70	11.66		
20	QPSK	100	0	11.74	11.84	11.73		
20	16QAM	1	0	11.70	11.70	11.68		
20	16QAM	1	49	11.60	11.65	11.62	13.2	0
20	16QAM	1	99	11.66	11.53	11.54		
20	16QAM	50	0	11.59	11.69	11.67		
20	16QAM	50	24	11.60	11.66	11.60	13.2	0
20	16QAM	50	50	11.58	11.53	11.50		
20	16QAM	100	0	11.60	11.71	11.60		
20	64QAM	1	0	11.67	11.76	11.75		
20	64QAM	1	49	11.56	11.67	11.62	13.2	0
20	64QAM	1	99	11.57	11.56	11.57		
20	64QAM	50	0	11.61	11.68	11.74		
20	64QAM	50	24	11.63	11.68	11.64	13.2	0
20	64QAM	50	50	11.64	11.56	11.54		
20	64QAM	100	0	11.61	11.67	11.58		
20	256QAM	1	0	11.70	11.81	11.72		
20	256QAM	1	49	11.55	11.66	11.57	13.2	0
20	256QAM	1	99	11.58	11.53	11.49		
20	256QAM	50	0	11.65	11.69	11.71		
20	256QAM	50	24	11.63	11.66	11.67	13.2	0
20	256QAM	50	50	11.58	11.64	11.49		
20	256QAM	100	0	11.67	11.72	11.66		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	11.77	11.73	11.72		
15	QPSK	1	37	11.66	11.66	11.55	13.2	0
15	QPSK	1	74	11.59	11.53	11.61		
15	QPSK	36	0	11.57	11.68	11.76		
15	QPSK	36	20	11.54	11.64	11.60	13.2	0
15	QPSK	36	39	11.67	11.62	11.50		
15	QPSK	75	0	11.67	11.66	11.65		
15	16QAM	1	0	11.53	11.62	11.55		
15	16QAM	1	37	11.53	11.50	11.52	13.2	0
15	16QAM	1	74	11.54	11.45	11.42		
15	16QAM	36	0	11.45	11.58	11.58		
15	16QAM	36	20	11.51	11.58	11.42	13.2	0
15	16QAM	36	39	11.52	11.38	11.37		
15	16QAM	75	0	11.50	11.64	11.52		
15	64QAM	1	0	11.52	11.58	11.61		
15	64QAM	1	37	11.48	11.57	11.46	13.2	0
15	64QAM	1	74	11.48	11.43	11.48		
15	64QAM	36	0	11.48	11.61	11.59		
15	64QAM	36	20	11.50	11.61	11.50	13.2	0
15	64QAM	36	39	11.51	11.38	11.47		
15	64QAM	75	0	11.46	11.54	11.52		
15	256QAM	1	0	11.58	11.73	11.60		
15	256QAM	1	37	11.44	11.57	11.49	13.2	0
15	256QAM	1	74	11.45	11.43	11.36		
15	256QAM	36	0	11.57	11.55	11.53		
15	256QAM	36	20	11.52	11.55	11.54	13.2	0
15	256QAM	36	39	11.44	11.43	11.33		
15	256QAM	75	0	11.54	11.65	11.60		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	11.71	11.78	11.71		
10	QPSK	1	25	11.63	11.67	11.56	13.2	0
10	QPSK	1	49	11.66	11.57	11.55		
10	QPSK	25	0	11.68	11.71	11.69		
10	QPSK	25	12	11.61	11.67	11.59	13.2	0
10	QPSK	25	25	11.62	11.59	11.49		
10	QPSK	50	0	11.63	11.67	11.66		
10	16QAM	1	0	11.52	11.61	11.52		
10	16QAM	1	25	11.44	11.51	11.46	13.2	0
10	16QAM	1	49	11.55	11.44	11.42		
10	16QAM	25	0	11.51	11.52	11.58		
10	16QAM	25	12	11.50	11.52	11.52	13.2	0
10	16QAM	25	25	11.42	11.43	11.37		
10	16QAM	50	0	11.45	11.59	11.49		
10	64QAM	1	0	11.57	11.66	11.60		
10	64QAM	1	25	11.38	11.52	11.46	13.2	0
10	64QAM	1	49	11.43	11.46	11.40		
10	64QAM	25	0	11.55	11.53	11.66		
10	64QAM	25	12	11.53	11.52	11.51	13.2	0
10	64QAM	25	25	11.47	11.47	11.37		
10	64QAM	50	0	11.43	11.51	11.50		
10	256QAM	1	0	11.61	11.68	11.61		
10	256QAM	1	25	11.48	11.57	11.42	13.2	0
10	256QAM	1	49	11.40	11.45	11.40		
10	256QAM	25	0	11.48	11.63	11.56		
10	256QAM	25	12	11.48	11.51	11.50	13.2	0
10	256QAM	25	25	11.43	11.52	11.38		
10	256QAM	50	0	11.56	11.66	11.56		
Channel				18525	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	11.75	11.74	11.71		
5	QPSK	1	12	11.65	11.59	11.59	13.2	0
5	QPSK	1	24	11.57	11.56	11.57		
5	QPSK	12	0	11.61	11.78	11.71		
5	QPSK	12	7	11.60	11.64	11.64	13.2	0
5	QPSK	12	13	11.62	11.55	11.58		
5	QPSK	25	0	11.64	11.68	11.60		
5	16QAM	1	0	11.63	11.53	11.50		
5	16QAM	1	12	11.43	11.57	11.56	13.2	0
5	16QAM	1	24	11.56	11.36	11.48		
5	16QAM	12	0	11.47	11.52	11.57		
5	16QAM	12	7	11.53	11.59	11.42	13.2	0
5	16QAM	12	13	11.47	11.43	11.43		
5	16QAM	25	0	11.49	11.57	11.45		
5	64QAM	1	0	11.53	11.61	11.68		
5	64QAM	1	12	11.49	11.50	11.45	13.2	0
5	64QAM	1	24	11.40	11.43	11.39		
5	64QAM	12	0	11.48	11.55	11.65		
5	64QAM	12	7	11.55	11.61	11.49	13.2	0
5	64QAM	12	13	11.57	11.39	11.42		
5	64QAM	25	0	11.47	11.56	11.51		
5	256QAM	1	0	11.64	11.66	11.63		
5	256QAM	1	12	11.47	11.59	11.40	13.2	0
5	256QAM	1	24	11.49	11.39	11.43		
5	256QAM	12	0	11.58	11.63	11.59		
5	256QAM	12	7	11.54	11.53	11.53	13.2	0
5	256QAM	12	13	11.50	11.51	11.33		
5	256QAM	25	0	11.57	11.64	11.52		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	11.67	11.82	11.75		
3	QPSK	1	8	11.62	11.67	11.55	13.2	0
3	QPSK	1	14	11.64	11.58	11.52		
3	QPSK	8	0	11.65	11.73	11.65		
3	QPSK	8	4	11.54	11.66	11.68	13.2	0
3	QPSK	8	7	11.60	11.60	11.52		
3	QPSK	15	0	11.67	11.69	11.64		
3	16QAM	1	0	11.58	11.61	11.58		
3	16QAM	1	8	11.44	11.53	11.56	13.2	0
3	16QAM	1	14	11.57	11.44	11.41		
3	16QAM	8	0	11.46	11.59	11.57		
3	16QAM	8	4	11.46	11.54	11.51	13.2	0
3	16QAM	8	7	11.50	11.39	11.34		
3	16QAM	15	0	11.45	11.57	11.54		
3	64QAM	1	0	11.57	11.65	11.63		
3	64QAM	1	8	11.46	11.51	11.47	13.2	0
3	64QAM	1	14	11.43	11.44	11.45		
3	64QAM	8	0	11.46	11.50	11.64		
3	64QAM	8	4	11.50	11.58	11.56	13.2	0
3	64QAM	8	7	11.52	11.42	11.42		
3	64QAM	15	0	11.50	11.54	11.44		
3	256QAM	1	0	11.55	11.73	11.54		
3	256QAM	1	8	11.47	11.58	11.45	13.2	0
3	256QAM	1	14	11.40	11.43	11.32		
3	256QAM	8	0	11.54	11.51	11.65		
3	256QAM	8	4	11.49	11.49	11.58	13.2	0
3	256QAM	8	7	11.43	11.52	11.32		
3	256QAM	15	0	11.53	11.66	11.54		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	11.72	11.75	11.67		
1.4	QPSK	1	3	11.61	11.67	11.60		
1.4	QPSK	1	5	11.66	11.55	11.52	13.2	0
1.4	QPSK	3	0	11.67	11.78	11.75		
1.4	QPSK	3	1	11.57	11.67	11.60		
1.4	QPSK	3	3	11.65	11.57	11.57		
1.4	QPSK	6	0	11.66	11.75	11.59	13.2	0
1.4	16QAM	1	0	11.57	11.54	11.51		
1.4	16QAM	1	3	11.52	11.50	11.54		
1.4	16QAM	1	5	11.59	11.35	11.46	13.2	0
1.4	16QAM	3	0	11.41	11.61	11.53		
1.4	16QAM	3	1	11.44	11.57	11.54		
1.4	16QAM	3	3	11.45	11.42	11.35		
1.4	16QAM	6	0	11.47	11.61	11.51	13.2	0
1.4	64QAM	1	0	11.50	11.62	11.59		
1.4	64QAM	1	3	11.48	11.56	11.51		
1.4	64QAM	1	5	11.46	11.38	11.47	13.2	0
1.4	64QAM	3	0	11.48	11.58	11.64		
1.4	64QAM	3	1	11.57	11.59	11.49		
1.4	64QAM	3	3	11.56	11.39	11.39		
1.4	64QAM	6	0	11.52	11.50	11.41	13.2	0
1.4	256QAM	1	0	11.52	11.63	11.65		
1.4	256QAM	1	3	11.46	11.51	11.47		
1.4	256QAM	1	5	11.41	11.44	11.40	13.2	0
1.4	256QAM	3	0	11.59	11.54	11.55		
1.4	256QAM	3	1	11.47	11.49	11.50		
1.4	256QAM	3	3	11.43	11.48	11.37		
1.4	256QAM	6	0	11.60	11.58	11.49	13.2	0

Band 4 Ant 1 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	12.24	12.29	12.17		
20	QPSK	1	49	12.09	12.12	12.05	13.9	0
20	QPSK	1	99	12.03	12.12	12.18		
20	QPSK	50	0	12.14	12.25	12.19		
20	QPSK	50	24	12.08	12.17	12.17	13.9	0
20	QPSK	50	50	12.09	12.12	12.11		
20	QPSK	100	0	12.10	12.19	12.15		
20	16QAM	1	0	12.02	12.22	12.05		
20	16QAM	1	49	12.01	11.91	11.93	13.9	0
20	16QAM	1	99	11.93	11.96	12.00		
20	16QAM	50	0	12.03	12.10	11.97		
20	16QAM	50	24	11.94	12.05	12.03	13.9	0
20	16QAM	50	50	11.98	11.99	11.98		
20	16QAM	100	0	11.97	12.06	12.01		
20	64QAM	1	0	12.10	12.25	12.14		
20	64QAM	1	49	12.00	12.01	11.92	13.9	0
20	64QAM	1	99	11.92	11.95	12.02		
20	64QAM	50	0	12.07	12.19	12.02		
20	64QAM	50	24	11.91	11.98	11.95	13.9	0
20	64QAM	50	50	11.96	11.96	12.07		
20	64QAM	100	0	12.03	12.03	11.93		
20	256QAM	1	0	12.03	12.13	12.10		
20	256QAM	1	49	11.97	12.06	11.92	13.9	0
20	256QAM	1	99	11.95	12.04	12.10		
20	256QAM	50	0	12.09	12.16	12.03		
20	256QAM	50	24	11.94	11.99	12.01	13.9	0
20	256QAM	50	50	12.01	12.07	12.03		
20	256QAM	100	0	11.97	11.97	12.05		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	12.24	12.27	12.19		
15	QPSK	1	37	12.06	12.13	12.06	13.9	0
15	QPSK	1	74	12.11	12.13	12.20		
15	QPSK	36	0	12.10	12.25	12.22		
15	QPSK	36	20	12.00	12.17	12.10	13.9	0
15	QPSK	36	39	12.04	12.13	12.11		
15	QPSK	75	0	12.11	12.14	12.17		
15	16QAM	1	0	11.99	12.17	11.99		
15	16QAM	1	37	12.03	11.92	11.91	13.9	0
15	16QAM	1	74	12.06	11.92	11.93		
15	16QAM	36	0	11.99	12.04	11.93		
15	16QAM	36	20	12.03	12.07	12.02	13.9	0
15	16QAM	36	39	11.95	11.95	12.06		
15	16QAM	75	0	11.99	11.97	11.99		
15	64QAM	1	0	12.02	12.23	12.09		
15	64QAM	1	37	12.03	12.02	11.91	13.9	0
15	64QAM	1	74	12.03	12.03	12.03		
15	64QAM	36	0	12.04	12.19	11.95		
15	64QAM	36	20	11.91	12.01	11.92	13.9	0
15	64QAM	36	39	11.92	11.93	12.09		
15	64QAM	75	0	11.94	12.00	12.03		
15	256QAM	1	0	11.99	12.15	12.12		
15	256QAM	1	37	12.03	12.08	12.03	13.9	0
15	256QAM	1	74	11.95	11.97	12.07		
15	256QAM	36	0	12.03	12.16	11.96		
15	256QAM	36	20	11.93	11.96	11.97	13.9	0
15	256QAM	36	39	11.93	12.03	11.98		
15	256QAM	75	0	11.99	11.99	12.07		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	12.15	12.12	12.10		
10	QPSK	1	25	12.05	12.11	11.97	13.9	0
10	QPSK	1	49	12.11	12.12	12.13		
10	QPSK	25	0	12.05	12.26	12.12		
10	QPSK	25	12	12.04	12.09	12.20	13.9	0
10	QPSK	25	25	12.04	12.07	12.10		
10	QPSK	50	0	12.04	12.21	12.12		
10	16QAM	1	0	11.96	12.23	11.98		
10	16QAM	1	25	12.02	12.03	11.91	13.9	0
10	16QAM	1	49	11.96	11.95	11.93		
10	16QAM	25	0	11.96	12.09	12.06		
10	16QAM	25	12	11.92	12.03	12.00	13.9	0
10	16QAM	25	25	12.00	11.95	11.97		
10	16QAM	50	0	11.96	12.03	12.01		
10	64QAM	1	0	12.03	12.23	12.09		
10	64QAM	1	25	11.93	11.92	12.06	13.9	0
10	64QAM	1	49	11.91	12.06	11.96		
10	64QAM	25	0	12.00	12.10	11.99		
10	64QAM	25	12	11.93	11.93	11.96	13.9	0
10	64QAM	25	25	11.97	11.95	12.05		
10	64QAM	50	0	12.04	11.98	11.94		
10	256QAM	1	0	12.03	12.12	12.07		
10	256QAM	1	25	11.98	11.98	11.93	13.9	0
10	256QAM	1	49	12.06	12.02	12.09		
10	256QAM	25	0	12.11	12.08	11.99		
10	256QAM	25	12	11.92	12.02	12.03	13.9	0
10	256QAM	25	25	11.99	12.01	11.98		
10	256QAM	50	0	11.92	11.98	11.98		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	12.26	12.28	12.17		
5	QPSK	1	12	12.09	12.10	12.04	13.9	0
5	QPSK	1	24	12.04	12.12	12.17		
5	QPSK	12	0	12.07	12.26	12.11		
5	QPSK	12	7	12.00	12.19	12.10	13.9	0
5	QPSK	12	13	12.04	12.03	12.04		
5	QPSK	25	0	12.09	12.18	12.15		
5	16QAM	1	0	12.00	12.14	11.98		
5	16QAM	1	12	12.02	11.99	11.95	13.9	0
5	16QAM	1	24	12.08	12.00	11.95		
5	16QAM	12	0	11.96	12.10	11.93		
5	16QAM	12	7	12.05	11.98	12.05	13.9	0
5	16QAM	12	13	12.06	12.08	12.01		
5	16QAM	25	0	11.93	12.06	11.96		
5	64QAM	1	0	12.10	12.20	12.13		
5	64QAM	1	12	11.96	11.98	11.93	13.9	0
5	64QAM	1	24	12.01	11.95	12.00		
5	64QAM	12	0	12.05	12.17	12.02		
5	64QAM	12	7	11.96	12.00	12.00	13.9	0
5	64QAM	12	13	11.97	11.99	12.07		
5	64QAM	25	0	11.98	12.02	11.97		
5	256QAM	1	0	12.01	12.09	12.09		
5	256QAM	1	12	11.95	12.00	11.98	13.9	0
5	256QAM	1	24	11.95	11.97	12.06		
5	256QAM	12	0	12.08	12.10	12.00		
5	256QAM	12	7	11.99	11.95	12.03	13.9	0
5	256QAM	12	13	11.95	12.07	11.99		
5	256QAM	25	0	11.95	11.98	11.98		
Channel				19950	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	12.20	12.20	12.13		
3	QPSK	1	8	12.03	12.15	12.00	13.9	0
3	QPSK	1	14	12.03	12.11	12.12		
3	QPSK	8	0	12.12	12.21	12.18		
3	QPSK	8	4	12.08	12.10	12.14	13.9	0
3	QPSK	8	7	12.05	12.09	12.11		
3	QPSK	15	0	12.02	12.18	12.13		
3	16QAM	1	0	11.94	12.17	11.98		
3	16QAM	1	8	12.03	11.93	11.93	13.9	0
3	16QAM	1	14	11.97	12.09	11.95		
3	16QAM	8	0	11.95	12.05	11.91		
3	16QAM	8	4	11.97	12.02	11.94	13.9	0
3	16QAM	8	7	12.06	11.99	11.92		
3	16QAM	15	0	11.99	12.06	11.98		
3	64QAM	1	0	12.02	12.26	12.07		
3	64QAM	1	8	11.99	12.01	11.98	13.9	0
3	64QAM	1	14	11.92	12.06	12.02		
3	64QAM	8	0	11.98	12.22	11.99		
3	64QAM	8	4	11.98	12.00	11.94	13.9	0
3	64QAM	8	7	11.94	11.93	12.08		
3	64QAM	15	0	11.99	11.97	11.95		
3	256QAM	1	0	11.98	12.07	12.10		
3	256QAM	1	8	11.99	12.00	12.06	13.9	0
3	256QAM	1	14	11.96	12.05	12.09		
3	256QAM	8	0	12.09	12.07	12.01		
3	256QAM	8	4	11.94	11.92	11.93	13.9	0
3	256QAM	8	7	12.01	12.01	12.00		
3	256QAM	15	0	12.04	12.02	12.02		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	12.17	12.23	12.18		
1.4	QPSK	1	3	12.07	12.11	12.05		
1.4	QPSK	1	5	12.09	12.14	12.14	13.9	0
1.4	QPSK	3	0	12.09	12.27	12.20		
1.4	QPSK	3	1	12.05	12.16	12.13		
1.4	QPSK	3	3	12.08	12.14	12.03		
1.4	QPSK	6	0	12.10	12.20	12.10	13.9	0
1.4	16QAM	1	0	11.98	12.21	11.96		
1.4	16QAM	1	3	12.02	11.95	12.06		
1.4	16QAM	1	5	11.99	11.96	11.95	13.9	0
1.4	16QAM	3	0	12.00	12.06	11.92		
1.4	16QAM	3	1	11.98	11.98	11.99		
1.4	16QAM	3	3	11.92	11.94	12.06		
1.4	16QAM	6	0	11.93	12.04	11.96	13.9	0
1.4	64QAM	1	0	12.11	12.17	12.10		
1.4	64QAM	1	3	11.94	11.93	12.01		
1.4	64QAM	1	5	11.91	11.94	11.94	13.9	0
1.4	64QAM	3	0	12.09	12.18	11.98		
1.4	64QAM	3	1	11.93	11.96	11.94		
1.4	64QAM	3	3	11.92	11.94	12.03		
1.4	64QAM	6	0	11.99	12.04	11.96	13.9	0
1.4	256QAM	1	0	11.96	12.10	12.10		
1.4	256QAM	1	3	11.98	12.03	11.93		
1.4	256QAM	1	5	12.06	12.05	12.08	13.9	0
1.4	256QAM	3	0	12.03	12.19	11.97		
1.4	256QAM	3	1	11.91	12.02	11.93		
1.4	256QAM	3	3	11.99	12.02	11.96		
1.4	256QAM	6	0	11.96	11.91	12.05	13.9	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.62	21.70	21.67		
10	QPSK	1	25	21.41	21.58	21.53	22.9	0
10	QPSK	1	49	21.48	21.61	21.50		
10	QPSK	25	0	21.64	21.68	21.56		
10	QPSK	25	12	21.50	21.64	21.50	22.9	0
10	QPSK	25	25	21.55	21.63	21.48		
10	QPSK	50	0	21.67	21.65	21.51		
10	16QAM	1	0	21.60	21.49	21.43		
10	16QAM	1	25	21.33	21.51	21.44	22.9	0
10	16QAM

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.87	21.90	21.85		
10	QPSK	1	25	21.70	21.79	21.77	23	0
10	QPSK	1	49	21.81	21.77	21.77		
10	QPSK	25	0	21.81	21.87	21.74		
10	QPSK	25	12	21.80	21.79	21.70	23	0
10	QPSK	25	25	21.80	21.76	21.77		
10	QPSK	50	0	21.75	21.78	21.72		
10	16QAM	1	0	21.69	21.76	21.74		
10	16QAM	1	25	21.59	21.70	21.65	23	0
10	16QAM	1	49	21.67	21.70	21.67		
10	16QAM	25	0	20.88	20.85	20.79		
10	16QAM	25	12	20.75	20.74	20.80	22	1
10	16QAM	25	25	20.81	20.73	20.81		
10	16QAM	50	0	20.80	20.86	20.80		
10	64QAM	1	0	20.84	20.84	20.73		
10	64QAM	1	25	20.80	20.72	20.72	22	1
10	64QAM	1	49	20.79	20.72	20.77		
10	64QAM	25	0	19.85	19.88	19.82		
10	64QAM	25	12	19.73	19.77	19.80	21	2
10	64QAM	25	25	19.86	19.74	19.75		
10	64QAM	50	0	19.82	19.83	19.73		
10	256QAM	1	0	17.91	17.93	17.91		
10	256QAM	1	25	17.72	17.82	17.78	19	4
10	256QAM	1	49	17.86	17.76	17.74		
10	256QAM	25	0	17.82	17.86	17.73		
10	256QAM	25	12	17.74	17.80	17.71	19	4
10	256QAM	25	25	17.75	17.77	17.75		
10	256QAM	50	0	17.79	17.82	17.72		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.79	21.84	21.76		
5	QPSK	1	12	21.65	21.64	21.65	23	0
5	QPSK	1	24	21.76	21.66	21.69		
5	QPSK	12	0	21.73	21.79	21.66		
5	QPSK	12	7	21.66	21.68	21.59	23	0
5	QPSK	12	13	21.75	21.70	21.64		
5	QPSK	25	0	21.68	21.65	21.59		
5	16QAM	1	0	21.57	21.64	21.58		
5	16QAM	1	12	21.50	21.56	21.61	23	0
5	16QAM	1	24	21.60	21.63	21.63		
5	16QAM	12	0	20.75	20.73	20.64		
5	16QAM	12	7	20.60	20.70	20.70	22	1
5	16QAM	12	13	20.66	20.62	20.73		
5	16QAM	25	0	20.64	20.79	20.67		
5	64QAM	1	0	20.76	20.78	20.69		
5	64QAM	1	12	20.66	20.66	20.67	22	1
5	64QAM	1	24	20.66	20.66	20.72		
5	64QAM	12	0	19.77	19.78	19.67		
5	64QAM	12	7	19.63	19.63	19.64	21	2
5	64QAM	12	13	19.75	19.70	19.66		
5	64QAM	25	0	19.75	19.67	19.64		
5	256QAM	1	0	17.79	17.79	17.84		
5	256QAM	1	12	17.63	17.76	17.71	19	4
5	256QAM	1	24	17.81	17.63	17.69		
5	256QAM	12	0	17.76	17.72	17.69		
5	256QAM	12	7	17.65	17.71	17.56	19	4
5	256QAM	12	13	17.59	17.71	17.60		
5	256QAM	25	0	17.68	17.67	17.65		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.75	21.80	21.74		
3	QPSK	1	8	21.65	21.67	21.62	23	0
3	QPSK	1	14	21.75	21.73	21.64		
3	QPSK	8	0	21.71	21.72	21.65		
3	QPSK	8	4	21.65	21.73	21.62	23	0
3	QPSK	8	7	21.70	21.64	21.68		
3	QPSK	15	0	21.69	21.62	21.59		
3	16QAM	1	0	21.64	21.62	21.65		
3	16QAM	1	8	21.51	21.66	21.52	23	0
3	16QAM	1	14	21.61	21.56	21.58		
3	16QAM	8	0	20.75	20.72	20.73		
3	16QAM	8	4	20.62	20.61	20.65	22	1
3	16QAM	8	7	20.74	20.59	20.77		
3	16QAM	15	0	20.70	20.75	20.71		
3	64QAM	1	0	20.75	20.74	20.68		
3	64QAM	1	8	20.72	20.57	20.58	22	1
3	64QAM	1	14	20.70	20.62	20.68		
3	64QAM	8	0	19.71	19.77	19.69		
3	64QAM	8	4	19.64	19.68	19.66	21	2
3	64QAM	8	7	19.77	19.65	19.65		
3	64QAM	15	0	19.77	19.70	19.58		
3	256QAM	1	0	17.80	17.85	17.78		
3	256QAM	1	8	17.66	17.71	17.71	19	4
3	256QAM	1	14	17.80	17.66	17.62		
3	256QAM	8	0	17.76	17.78	17.60		
3	256QAM	8	4	17.61	17.65	17.66	19	4
3	256QAM	8	7	17.67	17.73	17.67		
3	256QAM	15	0	17.73	17.77	17.56		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.83	21.86	21.75		
1.4	QPSK	1	3	21.64	21.73	21.73		
1.4	QPSK	1	5	21.69	21.61	21.69	23	0
1.4	QPSK	3	0	21.76	21.81	21.64		
1.4	QPSK	3	1	21.68	21.73	21.63		
1.4	QPSK	3	3	21.68	21.66	21.69		
1.4	QPSK	6	0	21.64	21.67	21.59	23	0
1.4	16QAM	1	0	21.57	21.66	21.69		
1.4	16QAM	1	3	21.53	21.58	21.60		
1.4	16QAM	1	5	21.52	21.66	21.58	23	0
1.4	16QAM	3	0	21.51	21.56	21.61		
1.4	16QAM	3	1	21.48	21.46	21.47		
1.4	16QAM	3	3	21.39	21.57	21.44		
1.4	16QAM	6	0	20.67	20.71	20.74	22	1
1.4	64QAM	1	0	20.70	20.71	20.66		
1.4	64QAM	1	3	20.75	20.57	20.65		
1.4	64QAM	1	5	20.69	20.61	20.68	22	1
1.4	64QAM	3	0	20.60	20.57	20.69		
1.4	64QAM	3	1	20.57	20.58	20.53		
1.4	64QAM	3	3	20.65	20.45	20.56		
1.4	64QAM	6	0	19.76	19.72	19.62	21	2
1.4	256QAM	1	0	17.78	17.78	17.86		
1.4	256QAM	1	3	17.66	17.69	17.66		
1.4	256QAM	1	5	17.78	17.62	17.60	19	4
1.4	256QAM	3	0	17.72	17.82	17.65		
1.4	256QAM	3	1	17.65	17.70	17.56		
1.4	256QAM	3	3	17.65	17.72	17.67		
1.4	256QAM	6	0	17.73	17.73	17.64	19	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.43			
10	QPSK	1	25		21.37		22.8	0
10	QPSK	1	49		21.32			
10	QPSK	25	0		21.38			
10	QPSK	25	12		21.32		22.8	0
10	QPSK	25	25		21.27			
10	QPSK	50	0		21.36			
10	16QAM	1	0		21.28			
10	16QAM	1	25		21.29		22.8	0
10	16QAM	1	49		21.24			
10	16QAM	25	0		20.61			
10	16QAM	25	12		20.61		22	0.8
10	16QAM	25	25		20.48			
10	16QAM	50	0		20.54			
10	64QAM	1	0		20.47			
10	64QAM	1	25		20.51		22	0.8
10	64QAM	1	49		20.56			
10	64QAM	25	0		19.62			
10	64QAM	25	12		19.56		21	1.8
10	64QAM	25	25		19.47			
10	64QAM	50	0		19.64			
10	256QAM	1	0		17.58			
10	256QAM	1	25		17.60		19	3.8
10	256QAM	1	49		17.49			
10	256QAM	25	0		17.54			
10	256QAM	25	12		17.51		19	3.8
10	256QAM	25	25		17.49			
10	256QAM	50	0		17.51			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.31	21.36	21.28		
5	QPSK	1	12	21.34	21.31	21.28	22.8	0
5	QPSK	1	24	21.19	21.22	21.24		
5	QPSK	12	0	21.34	21.29	21.28		
5	QPSK	12	7	21.21	21.18	21.28	22.8	0
5	QPSK	12	13	21.16	21.22	21.14		
5	QPSK	25	0	21.24	21.26	21.25		
5	16QAM	1	0	21.25	21.21	21.16		
5	16QAM	1	12	21.18	21.19	21.19	22.8	0
5	16QAM	1	24	21.20	21.14	21.16		
5	16QAM	12	0	20.55	20.50	20.49		
5	16QAM	12	7	20.58	20.48	20.47	22	0.8
5	16QAM	12	13	20.34	20.43	20.35		
5	16QAM	25	0	20.39	20.49	20.45		
5	64QAM	1	0	20.35	20.37	20.34		
5	64QAM	1	12	20.42	20.46	20.36	22	0.8
5	64QAM	1	24	20.44	20.48	20.50		
5	64QAM	12	0	19.49	19.52	19.50		
5	64QAM	12	7	19.45	19.49	19.43	21	1.8
5	64QAM	12	13	19.40	19.41	19.43		
5	64QAM	25	0	19.49	19.59	19.49		
5	256QAM	1	0	17.45	17.50	17.48		
5	256QAM	1	12	17.55	17.55	17.46	19	3.8
5	256QAM	1	24	17.39	17.43	17.43		
5	256QAM	12	0	17.45	17.43	17.41		
5	256QAM	12	7	17.43	17.46	17.48	19	3.8
5	256QAM	12	13	17.39	17.44	17.42		
5	256QAM	25	0	17.38	17.47	17.39		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.77	21.82	21.80		
10	QPSK	1	25	21.60	21.66	21.73	23	0
10	QPSK	1	49	21.74	21.71	21.65		
10	QPSK	25	0	21.70	21.81	21.60		
10	QPSK	25	12	21.72	21.73	21.54	23	0
10	QPSK	25	25	21.68	21.69	21.69		
10	QPSK	50	0	21.65	21.71	21.65		
10	16QAM	1	0	21.63	21.61	21.68		
10	16QAM	1	25	21.51	21.63	21.57	23	0
10	16QAM	1	49	21.56	21.63	21.58		
10	16QAM	25	0	20.84	20.78	20.75		
10	16QAM	25	12	20.63	20.70	20.68	22	1
10	16QAM	25	25	20.76	20.66	20.65		
10	16QAM	50	0	20.76	20.80	20.72		
10	64QAM	1	0	20.76	20.76	20.58		
10	64QAM	1	25	20.64	20.59	20.58	22	1
10	64QAM	1	49	20.64	20.60	20.66		
10	64QAM	25	0	19.79	19.81	19.69		
10	64QAM	25	12	19.67	19.63	19.68	21	2
10	64QAM	25	25	19.74	19.69	19.68		
10	64QAM	50	0	19.68	19.78	19.69		
10	256QAM	1	0	17.86	17.85	17.83		
10	256QAM	1	25	17.58	17.70	17.68	19	4
10	256QAM	1	49	17.72	17.62	17.66		
10	256QAM	25	0	17.70	17.76	17.61		
10	256QAM	25	12	17.60	17.76	17.60	19	4
10	256QAM	25	25	17.60	17.70	17.67		
10	256QAM	50	0	17.64	17.69	17.57		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.63	21.70	21.68		
5	QPSK	1	12	21.48	21.60	21.61	23	0
5	QPSK	1	24	21.65	21.65	21.58		
5	QPSK	12	0	21.61	21.66	21.51		
5	QPSK	12	7	21.67	21.59	21.50	23	0
5	QPSK	12	13	21.63	21.53	21.54		
5	QPSK	25	0	21.53	21.61	21.58		
5	16QAM	1	0	21.55	21.52	21.57		
5	16QAM	1	12	21.41	21.50	21.53	23	0
5	16QAM	1	24	21.42	21.57	21.48		
5	16QAM	12	0	20.76	20.64	20.66		
5	16QAM	12	7	20.49	20.61	20.60	22	1
5	16QAM	12	13	20.63	20.51	20.54		
5	16QAM	25	0	20.70	20.73	20.60		
5	64QAM	1	0	20.60	20.66	20.44		
5	64QAM	1	12	20.50	20.51	20.43	22	1
5	64QAM	1	24	20.53	20.53	20.61		
5	64QAM	12	0	19.67	19.69	19.64		
5	64QAM	12	7	19.60	19.49	19.63	21	2
5	64QAM	12	13	19.65	19.59	19.62		
5	64QAM	25	0	19.54	19.67	19.64		
5	256QAM	1	0	17.70	17.78	17.76		
5	256QAM	1	12	17.45	17.57	17.63	19	4
5	256QAM	1	24	17.65	17.50	17.61		
5	256QAM	12	0	17.55	17.72	17.54		
5	256QAM	12	7	17.46	17.72	17.49	19	4
5	256QAM	12	13	17.47	17.54	17.57		
5	256QAM	25	0	17.51	17.60	17.48		

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BW [MHz]	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	21.70	21.73	21.68	22.9	0
15	QPSK	1	37	21.52	21.66	21.60		
15	QPSK	1	74	21.58	21.63	21.61		
15	QPSK	36	0	21.65	21.69	21.65	22.9	0
15	QPSK	36	20	21.60	21.64	21.60		
15	QPSK	36	39	21.62	21.65	21.53		
15	QPSK	75	0	21.61	21.66	21.62		
15	16QAM	1	0	21.63	21.56	21.50	22.9	0
15	16QAM	1	37	21.35	21.53	21.53		
15	16QAM	1	74	21.43	21.47	21.53		
15	16QAM	36	0	20.82	20.79	20.75	22	0.9
15	16QAM	36	20	20.63	20.70	20.68		
15	16QAM	36	39	20.71	20.68	20.70		
15	16QAM	75	0	20.80	20.76	20.76		
15	64QAM	1	0	20.74	20.69	20.70	22	0.9
15	64QAM	1	37	20.74	20.72	20.67		
15	64QAM	1	74	20.72	20.74	20.77		
15	64QAM	36	0	19.84	19.80	19.76	21	1.9
15	64QAM	36	20	19.57	19.80	19.72		
15	64QAM	36	39	19.67	19.67	19.69		
15	64QAM	75	0	19.72	19.74	19.69		
15	256QAM	1	0	19.72	19.69	19.75	21	1.9
15	256QAM	1	37	19.67	19.72	19.58		
15	256QAM	1	74	19.65	19.77	19.66		
15	256QAM	36	0	17.85	17.83	17.73	19	3.9
15	256QAM	36	20	17.59	17.76	17.68		
15	256QAM	36	39	17.72	17.77	17.76		
15	256QAM	75	0	17.75	17.75	17.72		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.60	21.62	21.60	22.9	0
10	QPSK	1	25	21.47	21.61	21.55		
10	QPSK	1	49	21.50	21.54	21.51		
10	QPSK	25	0	21.55	21.69	21.60	22.9	0
10	QPSK	25	12	21.49	21.54	21.57		
10	QPSK	25	25	21.57	21.53	21.46		
10	QPSK	50	0	21.59	21.62	21.58		
10	16QAM	1	0	21.63	21.48	21.47	22.9	0
10	16QAM	1	25	21.30	21.46	21.50		
10	16QAM	1	49	21.38	21.47	21.45		
10	16QAM	25	0	20.77	20.73	20.69	22	0.9
10	16QAM	25	12	20.57	20.59	20.62		
10	16QAM	25	25	20.68	20.67	20.67		
10	16QAM	50	0	20.72	20.68	20.68		
10	64QAM	1	0	20.67	20.66	20.60	22	0.9
10	64QAM	1	25	20.63	20.67	20.62		
10	64QAM	1	49	20.67	20.66	20.73		
10	64QAM	25	0	19.81	19.70	19.68	21	1.9
10	64QAM	25	12	19.47	19.71	19.61		
10	64QAM	25	25	19.59	19.58	19.61		
10	64QAM	50	0	19.70	19.70	19.64		
10	256QAM	1	0	19.70	19.68	19.68	21	1.9
10	256QAM	1	25	19.66	19.69	19.50		
10	256QAM	1	49	19.62	19.66	19.61		
10	256QAM	25	0	17.73	17.76	17.70	19	3.9
10	256QAM	25	12	17.47	17.69	17.59		
10	256QAM	25	25	17.71	17.64	17.68		
10	256QAM	50	0	17.68	17.66	17.69		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.61	21.71	21.66	22.9	0
5	QPSK	1	12	21.50	21.59	21.51		
5	QPSK	1	24	21.57	21.62	21.55		
5	QPSK	12	0	21.57	21.69	21.55	22.9	0
5	QPSK	12	7	21.52	21.56	21.55		
5	QPSK	12	13	21.50	21.63	21.45		
5	QPSK	25	0	21.57	21.58	21.52		
5	16QAM	1	0	21.62	21.49	21.38	22.9	0
5	16QAM	1	12	21.35	21.42	21.43		
5	16QAM	1	24	21.42	21.41	21.42		
5	16QAM	12	0	20.71	20.77	20.72	22	0.9
5	16QAM	12	7	20.58	20.66	20.65		
5	16QAM	12	13	20.71	20.57	20.60		
5	16QAM	25	0	20.78	20.64	20.65		
5	64QAM	1	0	20.66	20.62	20.59	22	0.9
5	64QAM	1	12	20.71	20.64	20.61		
5	64QAM	1	24	20.63	20.62	20.66		
5	64QAM	12	0	19.75	19.71	19.67	21	1.9
5	64QAM	12	7	19.47	19.74	19.64		
5	64QAM	12	13	19.66	19.58	19.61		
5	64QAM	25	0	19.63	19.64	19.65		
5	256QAM	1	0	19.70	19.61	19.71	21	1.9
5	256QAM	1	12	19.57	19.67	19.57		
5	256QAM	1	24	19.57	19.73	19.56		
5	256QAM	12	0	17.75	17.72	17.70	19	3.9
5	256QAM	12	7	17.49	17.75	17.62		
5	256QAM	12	13	17.62	17.59	17.65		
5	256QAM	25	0	17.74	17.72	17.67		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.64	21.62	21.59	22.9	0
3	QPSK	1	8	21.43	21.61	21.55		
3	QPSK	1	14	21.55	21.61	21.52		
3	QPSK	8	0	21.54	21.67	21.57	22.9	0
3	QPSK	8	4	21.57	21.57	21.50		
3	QPSK	8	7	21.55	21.58	21.46		
3	QPSK	15	0	21.59	21.63	21.52		
3	16QAM	1	0	21.61	21.47	21.50	22.9	0
3	16QAM	1	8	21.28	21.51	21.53		
3	16QAM	1	14	21.37	21.44	21.42		
3	16QAM	8	0	20.77	20.76	20.69	22	0.9
3	16QAM	8	4	20.53	20.62	20.66		
3	16QAM	8	7	20.68	20.63	20.67		
3	16QAM	15	0	20.69	20.67	20.64		
3	64QAM	1	0	20.71	20.67	20.65	22	0.9
3	64QAM	1	8	20.65	20.64	20.58		
3	64QAM	1	14	20.66	20.63	20.71		
3	64QAM	8	0	19.73	19.76	19.69	21	1.9
3	64QAM	8	4	19.53	19.72	19.70		
3	64QAM	8	7	19.65	19.66	19.68		
3	64QAM	15	0	19.66	19.71	19.66		
3	256QAM	1	0	19.64	19.60	19.74	21	1.9
3	256QAM	1	8	19.65	19.65	19.53		
3	256QAM	1	14	19.60	19.67	19.55		
3	256QAM	8	0	17.82	17.75	17.66	19	3.9
3	256QAM	8	4	17.50	17.71	17.62		
3	256QAM	8	7	17.69	17.67	17.67		
3	256QAM	15	0	17.69	17.73	17.66		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.69	21.72	21.58	22.9	0
1.4	QPSK	1	3	21.44	21.63	21.60		
1.4	QPSK	1	5	21.49	21.56	21.57		
1.4	QPSK	3	0	21.59	21.61	21.64		
1.4	QPSK	3	1	21.54	21.58	21.56		
1.4	QPSK	3	3	21.52	21.56	21.49		
1.4	QPSK	6	0	21.55	21.56	21.61	22.9	0
1.4	16QAM	1	0	21.56	21.50	21.44	22.9	0
1.4	16QAM	1	3	21.35	21.44	21.50		
1.4	16QAM	1	5	21.39	21.38	21.52		
1.4	16QAM	3	0	21.55	21.43	21.38		
1.4	16QAM	3	1	21.30	21.39	21.44		
1.4	16QAM	3	3	21.35	21.27	21.51		
1.4	16QAM	6	0	20.79	20.67	20.72	22	0.9
1.4	64QAM	1	0	20.67	20.59	20.63	22	0.9
1.4	64QAM	1	3	20.65	20.70	20.57		
1.4	64QAM	1	5	20.69	20.74	20.65		
1.4	64QAM	3	0	20.78	20.62	20.69		
1.4	64QAM	3	1	20.65	20.59	20.58		
1.4	64QAM	3	3	20.57	20.68	20.45		
1.4	64QAM	6	0	19.65	19.63	19.61	21	1.9
1.4	256QAM	1	0	19.66	19.65	19.70	21	1.9
1.4	256QAM	1	3	19.66	19.62	19.50		
1.4	256QAM	1	5	19.59	19.76	19.62		
1.4	256QAM	3	0	19.63	19.55	19.52		
1.4	256QAM	3	1	19.58	19.60	19.64		
1.4	256QAM	3	3	19.65	19.60	19.47		
1.4	256QAM	6	0	17.64	17.65	17.71	19	3.9

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	12.26	12.30	12.25	13.9	0
20	QPSK	1	49	12.11	12.12	12.07		
20	QPSK	1	99	12.13	12.15	12.16		
20	QPSK	50	0	12.17	12.28	12.19	13.9	0
20	QPSK	50	24	12.09	12.17	12.15		
20	QPSK	50	50	12.17	12.13	12.15		
20	QPSK	100	0	12.15	12.24	12.17		
20	16QAM	1	0	12.09	12.22	12.11	13.9	0
20	16QAM	1	49	12.03	11.95	11.94		
20	16QAM	1	99	11.96	12.00	12.02		
20	16QAM	50	0	12.05	12.11	12.05	13.9	0
20	16QAM	50	24	11.96	12.09	12.02		
20	16QAM	50	50	12.00	11.98	12.06		
20	16QAM	100	0	12.02	12.10	12.06	13.9	0
20	64QAM	1	0	12.08	12.22	12.13		
20	64QAM	1	49	11.99	12.04	11.97		
20	64QAM	1	99	11.94	11.98	12.07		
20	64QAM	50	0	12.08	12.16	12.09	13.9	0
20	64QAM	50	24	11.95	12.05	11.98		
20	64QAM	50	50	12.01	11.97	12.07		
20	64QAM	100	0	12.05	12.09	12.02		
20	256QAM	1	0	12.09	12.18	12.12	13.9	0
20	256QAM	1	49	12.02	12.04	11.99		
20	256QAM	1	99	12.02	12.04	12.08		
20	256QAM	50	0	12.07	12.18	12.04	13.9	0
20	256QAM	50	24	11.92	12.02	12.05		
20	256QAM	50	50	11.98	12.06	12.03		
20	256QAM	100	0	11.99	12.06	12.05		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	12.23	12.28	12.19	13.9	0
15	QPSK	1	37	12.02	12.09	12.09		
15	QPSK	1	74	12.10	12.15	12.08		
15	QPSK	36	0	12.17	12.28	12.15	13.9	0
15	QPSK	36	20	12.05	12.15	12.08		
15	QPSK	36	39	12.14	12.13	12.14		
15	QPSK	75	0	12.07	12.25	12.14		
15	16QAM	1	0	12.03	12.24	12.08	13.9	0
15	16QAM	1	37	12.03	11.91	11.94		
15	16QAM	1	74	12.06	11.97	11.94		
15	16QAM	36	0	12.08	12.11	11.96	13.9	0
15	16QAM	36	20	12.06	12.06	12.01		
15	16QAM	36	39	11.98	11.95	12.05		
15	16QAM	75	0	11.95	12.01	12.01		
15	64QAM	1	0	12.09	12.23	12.16	13.9	0
15	64QAM	1	37	11.92	12.06	11.91		
15	64QAM	1	74	11.95	11.94	12.01		
15	64QAM	36	0	12.07	12.13	12.06	13.9	0
15	64QAM	36	20	11.96	11.97	11.92		
15	64QAM	36	39	12.01	11.98	12.03		
15	64QAM	75	0	11.99	12.11	12.03		
15	256QAM	1	0	12.05	12.18	12.04	13.9	0
15	256QAM	1	37	12.00	12.06	11.97		
15	256QAM	1	74	12.03	11.95	12.07		
15	256QAM	36	0	12.08	12.14	11.99	13.9	0
15	256QAM	36	20	11.99	11.99	12.01		
15	256QAM	36	39	11.98	12.01	12.06		
15	256QAM	75	0	11.98	11.99	12.00		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	12.19	12.24	12.28	13.9	0
10	QPSK	1	25	12.12	12.09	12.08		
10	QPSK	1	49	12.12	12.18	12.08		
10	QPSK	25	0	12.12	12.23	12.11	13.9	0
10	QPSK	25	12	12.11	12.09	12.14		
10	QPSK	25	25	12.15	12.14	12.12		
10	QPSK	50	0	12.12	12.19	12.09		
10	16QAM	1	0	12.07	12.21	12.02	13.9	0
10	16QAM	1	25	11.98	11.94	11.97		
10	16QAM	1	49	11.97	11.95	12.02		
10	16QAM	25	0	12.06	12.09	11.97	13.9	0
10	16QAM	25	12	12.06	12.03	12.00		
10	16QAM	25	25	12.01	12.00	12.02		
10	16QAM	50	0	12.00	12.06	12.02		
10	64QAM	1	0	12.09	12.18	12.08	13.9	0
10	64QAM	1	25	11.93	11.96	11.94		
10	64QAM	1	49	11.93	11.92	12.08		
10	64QAM	25	0	12.06	12.11	12.06	13.9	0
10	64QAM	25	12	11.96	11.98	11.94		
10	64QAM	25	25	12.03	11.95	12.07		
10	64QAM	50	0	12.03	12.01	12.03		
10	256QAM	1	0	12.10	12.15	12.07	13.9	0
10	256QAM	1	25	12.03	11.97	12.01		
10	256QAM	1	49	11.97	12.02	12.02		
10	256QAM	25	0	12.03	12.15	11.97	13.9	0
10	256QAM	25	12	11.93	11.98	12.07		
10	256QAM	25	25	12.06	12.08	11.95		
10	256QAM	50	0	12.01	12.04	12.03		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	12.17	12.23	12.19	13.9	0
5	QPSK	1	12	12.02	12.08	12.01		
5	QPSK	1	24	12.09	12.09	12.16		
5	QPSK	12	0	12.13	12.24	12.13	13.9	0
5	QPSK	12	7	12.02	12.15	12.17		
5	QPSK	12	13	12.12	12.09	12.11		
5	QPSK	25	0	12.16	12.16	12.19		
5	16QAM	1	0	12.03	12.16	12.05	13.9	0
5	16QAM	1	12	12.01	12.06	11.97		
5	16QAM	1	24	11.97	11.92	11.98		
5	16QAM	12	0	12.05	12.11	11.99	13.9	0
5	16QAM	12	7	11.95	12.08	12.05		
5	16QAM	12	13	11.98	12.00	11.98		
5	16QAM	25	0	12.04	12.05	12.00		
5	64QAM	1	0	12.09	12.13	12.13	13.9	0
5	64QAM	1	12	11.98	11.98	12.06		
5	64QAM	1	24	11.97	12.00	12.04		
5	64QAM	12	0	12.08	12.13	12.10	13.9	0
5	64QAM	12	7	11.98	11.96	12.00		
5	64QAM	12	13	12.03	12.00	12.04		
5	64QAM	25	0	12.04	12.03	11.97		
5	256QAM	1	0	12.11	12.14	12.03	13.9	0
5	256QAM	1	12	11.97	11.98	11.98		
5	256QAM	1	24	11.95	11.98	12.07		
5	256QAM	12	0	12.10	12.12	11.97	13.9	0
5	256QAM	12	7	12.06	12.04	11.98		
5	256QAM	12	13	11.96	12.02	12.05		
5	256QAM	25	0	11.94	12.06	12.01		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	12.23	12.24	12.19	13.9	0
3	QPSK	1	8	12.09	12.06	11.99		
3	QPSK	1	14	12.09	12.09	12.18		
3	QPSK	8	0	12.14	12.26	12.19	13.9	0
3	QPSK	8	4	12.09	12.09	12.09		
3	QPSK	8	7	12.13	12.05	12.08		
3	QPSK	15	0	12.12	12.19	12.20		
3	16QAM	1	0	12.06	12.19	12.12	13.9	0
3	16QAM	1	8	12.02	11.92	11.95		
3	16QAM	1	14	11.98	12.01	11.96		
3	16QAM	8	0	12.00	12.04	12.07	13.9	0
3	16QAM	8	4	11.98	12.04	12.00		
3	16QAM	8	7	11.96	12.06	11.97		
3	16QAM	15	0	11.93	12.11	12.00		
3	64QAM	1	0	12.07	12.22	12.09	13.9	0
3	64QAM	1	8	11.93	12.04	11.93		
3	64QAM	1	14	11.97	11.94	12.10		
3	64QAM	8	0	12.04	12.18	12.01	13.9	0
3	64QAM	8	4	11.96	11.99	11.95		
3	64QAM	8	7	12.02	12.06	12.01		
3	64QAM	15	0	11.96	12.03	12.01		
3	256QAM	1	0	12.12	12.15	12.12	13.9	0
3	256QAM	1	8	12.00	12.06	11.93		
3	256QAM	1	14	11.98	12.04	12.03		
3	256QAM	8	0	12.01	12.13	12.01	13.9	0
3	256QAM	8	4	11.97	11.94	11.99		
3	256QAM	8	7	11.94	12.02	12.05		
3	256QAM	15	0	11.91	12.08	11.99		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	12.23	12.23	12.18	13.9	0
1.4	QPSK	1	3	12.05	12.10	12.10		
1.4	QPSK	1	5	12.10	12.07	12.12		
1.4	QPSK	3	0	12.10	12.13	12.18		
1.4	QPSK	3	1	12.01	12.18	12.17		
1.4	QPSK	3	3	12.16	12.16	12.14		
1.4	QPSK	6	0	12.18	12.15	12.17	13.9	0
1.4	16QAM	1	0	12.07	12.15	12.04	13.9	0
1.4	16QAM	1	3	12.01	11.96	11.97		
1.4	16QAM	1	5	11.99	12.01	12.00		
1.4	16QAM	3	0	11.98	12.06	12.08		
1.4	16QAM	3	1	11.99	12.08	12.01		
1.4	16QAM	3	3	11.98	11.91	12.05		
1.4	16QAM	6	0	11.95	12.08	12.08	13.9	0
1.4	64QAM	1	0	11.99	12.22	12.11	13.9	0
1.4	64QAM	1	3	11.95	12.02	12.06		
1.4	64QAM	1	5	11.94	11.94	12.04		
1.4	64QAM	3	0	12.05	12.12	12.05		
1.4	64QAM	3	1	11.95	11.96	11.98		
1.4	64QAM	3	3	11.99	11.94	12.09		
1.4	64QAM	6	0	12.07	12.05	11.97	13.9	0
1.4	256QAM	1	0	12.07	12.14	12.09	13.9	0
1.4	256QAM	1	3	12.05	12.01	11.93		
1.4	256QAM	1	5	12.01	11.99	12.07		
1.4	256QAM	3	0	11.99	12.11	12.06		
1.4	256QAM	3	1	11.98	11.97	12.03		
1.4	256QAM	3	3	11.99	12.04	12.04		
1.4	256QAM	6	0	11.98	12.00	11.98	13.9	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	12.65	12.76	12.63	13.9	0
20	QPSK	1	49	12.51	12.56	12.45		
20	QPSK	1	99	12.52	12.49	12.49		
20	QPSK	50	0	12.59	12.62	12.54		
20	QPSK	50	24	12.58	12.55	12.44		
20	QPSK	50	50	12.56	12.56	12.52		
20	QPSK	100	0	12.57	12.65	12.60		
20	16QAM	1	0	12.58	12.61	12.54		
20	16QAM	1	49	12.41	12.51	12.31	13.9	0
20	16QAM	1	99	12.29	12.25	12.39		
20	16QAM	50	0	12.47	12.41	12.45		
20	16QAM	50	24	12.51	12.40	12.37	13.9	0
20	16QAM	50	50	12.31	12.42	12.46		
20	16QAM	100	0	12.38	12.37	12.43		
20	64QAM	1	0	12.48	12.53	12.54		
20	64QAM	1	49	12.46	12.42	12.34	13.9	0
20	64QAM	1	99	12.42	12.26	12.43		
20	64QAM	50	0	12.41	12.44	12.53		
20	64QAM	50	24	12.39	12.39	12.31	13.9	0
20	64QAM	50	50	12.31	12.33	12.39		
20	64QAM	100	0	12.35	12.44	12.37		
20	256QAM	1	0	12.53	12.54	12.51		
20	256QAM	1	49	12.38	12.42	12.23	13.9	0
20	256QAM	1	99	12.23	12.39	12.30		
20	256QAM	50	0	12.44	12.44	12.42		
20	256QAM	50	24	12.47	12.49	12.36	13.9	0
20	256QAM	50	50	12.43	12.35	12.34		
20	256QAM	100	0	12.42	12.49	12.41		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	12.57	12.66	12.53	13.9	0
15	QPSK	1	37	12.41	12.51	12.30		
15	QPSK	1	74	12.39	12.37	12.40		
15	QPSK	36	0	12.52	12.59	12.50		
15	QPSK	36	20	12.43	12.49	12.30		
15	QPSK	36	39	12.49	12.50	12.42		
15	QPSK	75	0	12.54	12.59	12.47		
15	16QAM	1	0	12.54	12.58	12.47		
15	16QAM	1	37	12.28	12.36	12.21	13.9	0
15	16QAM	1	74	12.19	12.19	12.28		
15	16QAM	36	0	12.32	12.32	12.40		
15	16QAM	36	20	12.45	12.27	12.31	13.9	0
15	16QAM	36	39	12.22	12.33	12.33		
15	16QAM	75	0	12.26	12.26	12.36		
15	64QAM	1	0	12.35	12.39	12.49		
15	64QAM	1	37	12.32	12.37	12.26	13.9	0
15	64QAM	1	74	12.33	12.12	12.31		
15	64QAM	36	0	12.35	12.34	12.41		
15	64QAM	36	20	12.27	12.33	12.19	13.9	0
15	64QAM	36	39	12.24	12.27	12.27		
15	64QAM	75	0	12.28	12.31	12.32		
15	256QAM	1	0	12.38	12.43	12.40		
15	256QAM	1	37	12.31	12.37	12.17	13.9	0
15	256QAM	1	74	12.14	12.24	12.23		
15	256QAM	36	0	12.32	12.33	12.30		
15	256QAM	36	20	12.34	12.38	12.28	13.9	0
15	256QAM	36	39	12.33	12.24	12.25		
15	256QAM	75	0	12.28	12.41	12.28		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	12.51	12.64	12.58	13.9	0
10	QPSK	1	25	12.47	12.45	12.42		
10	QPSK	1	49	12.39	12.37	12.44		
10	QPSK	25	0	12.48	12.55	12.44		
10	QPSK	25	12	12.46	12.46	12.30	13.9	0
10	QPSK	25	25	12.47	12.53	12.38		
10	QPSK	50	0	12.53	12.59	12.56		
10	16QAM	1	0	12.47	12.53	12.39		
10	16QAM	1	25	12.37	12.45	12.19	13.9	0
10	16QAM	1	49	12.25	12.12	12.33		
10	16QAM	25	0	12.36	12.34	12.33		
10	16QAM	25	12	12.45	12.30	12.29	13.9	0
10	16QAM	25	25	12.18	12.31	12.33		
10	16QAM	50	0	12.33	12.32	12.38		
10	64QAM	1	0	12.34	12.43	12.50		
10	64QAM	1	25	12.36	12.29	12.25	13.9	0
10	64QAM	1	49	12.30	12.18	12.30		
10	64QAM	25	0	12.33	12.33	12.43		
10	64QAM	25	12	12.29	12.24	12.25	13.9	0
10	64QAM	25	25	12.20	12.26	12.31		
10	64QAM	50	0	12.21	12.41	12.25		
10	256QAM	1	0	12.48	12.48	12.38		
10	256QAM	1	25	12.33	12.30	12.14	13.9	0
10	256QAM	1	49	12.15	12.30	12.22		
10	256QAM	25	0	12.31	12.30	12.35		
10	256QAM	25	12	12.38	12.40	12.33	13.9	0
10	256QAM	25	25	12.29	12.28	12.25		
10	256QAM	50	0	12.36	12.37	12.27		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	12.57	12.64	12.51	13.9	0
5	QPSK	1	12	12.42	12.48	12.36		
5	QPSK	1	24	12.41	12.45	12.44		
5	QPSK	12	0	12.55	12.59	12.50		
5	QPSK	12	7	12.50	12.49	12.35	13.9	0
5	QPSK	12	13	12.51	12.50	12.47		
5	QPSK	25	0	12.47	12.58	12.49		
5	16QAM	1	0	12.52	12.49	12.43		
5	16QAM	1	12	12.33	12.44	12.21	13.9	0
5	16QAM	1	24	12.23	12.11	12.35		
5	16QAM	12	0	12.38	12.27	12.42		
5	16QAM	12	7	12.48	12.31	12.32	13.9	0
5	16QAM	12	13	12.21	12.31	12.40		
5	16QAM	25	0	12.31	12.33	12.34		
5	64QAM	1	0	12.43	12.49	12.40		
5	64QAM	1	12	12.35	12.38	12.28	13.9	0
5	64QAM	1	24	12.37	12.14	12.35		
5	64QAM	12	0	12.26	12.35	12.50		
5	64QAM	12	7	12.34	12.33	12.26	13.9	0
5	64QAM	12	13	12.26	12.19	12.24		
5	64QAM	25	0	12.31	12.40	12.24		
5	256QAM	1	0	12.49	12.40	12.43		
5	256QAM	1	12	12.28	12.36	12.12	13.9	0
5	256QAM	1	24	12.17	12.27	12.20		
5	256QAM	12	0	12.30	12.30	12.37		
5	256QAM	12	7	12.37	12.43	12.23	13.9	0
5	256QAM	12	13	12.31	12.28	12.24		
5	256QAM	25	0	12.31	12.45	12.35		

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BW [MHz]	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	14.36	14.44	14.33	15.5	0
20	QPSK	1	49	14.34	14.26	14.21		
20	QPSK	1	99	14.25	14.31	14.27		
20	QPSK	50	0	14.31	14.38	14.29		
20	QPSK	50	24	14.15	14.22	14.18		
20	QPSK	50	50	14.20	14.22	14.32		
20	QPSK	100	0	14.24	14.34	14.28		
20	16QAM	1	0	14.29	14.33	14.29		
20	16QAM	1	49	14.12	14.02	14.10		
20	16QAM	1	99	14.02	14.17	14.09		
20	16QAM	50	0	14.18	14.30	14.18		
20	16QAM	50	24	14.10	14.16	14.02		
20	16QAM	50	50	14.06	14.04	14.17		
20	16QAM	100	0	14.13	14.15	14.18		
20	64QAM	1	0	14.23	14.27	14.25		
20	64QAM	1	49	14.15	14.09	14.04		
20	64QAM	1	99	13.97	14.24	14.02		
20	64QAM	50	0	14.07	14.22	14.10		
20	64QAM	50	24	14.02	14.02	14.06		
20	64QAM	50	50	14.04	14.17	14.13		
20	64QAM	100	0	14.03	14.24	14.11		
20	256QAM	1	0	14.29	14.22	14.25		
20	256QAM	1	49	14.13	14.10	14.15		
20	256QAM	1	99	14.01	14.16	14.18		
20	256QAM	50	0	14.11	14.14	14.19		
20	256QAM	50	24	14.15	14.20	14.09		
20	256QAM	50	50	14.09	14.14	14.20		
20	256QAM	100	0	14.11	14.14	14.15		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	14.28	14.39	14.25	15.5	0
15	QPSK	1	37	14.25	14.16	14.13		
15	QPSK	1	74	14.21	14.17	14.12		
15	QPSK	36	0	14.17	14.33	14.17		
15	QPSK	36	20	14.06	14.14	14.06		
15	QPSK	36	39	14.15	14.18	14.27		
15	QPSK	75	0	14.13	14.20	14.19		
15	16QAM	1	0	14.16	14.25	14.15		
15	16QAM	1	37	14.07	13.97	13.97		
15	16QAM	1	74	13.88	14.12	13.96		
15	16QAM	36	0	14.08	14.21	14.10		
15	16QAM	36	20	14.03	14.08	13.92		
15	16QAM	36	39	13.94	13.90	14.14		
15	16QAM	75	0	14.08	14.02	14.03		
15	64QAM	1	0	14.09	14.15	14.13		
15	64QAM	1	37	14.06	14.04	13.95		
15	64QAM	1	74	13.84	14.09	13.98		
15	64QAM	36	0	14.04	14.12	14.05		
15	64QAM	36	20	13.97	13.94	13.96		
15	64QAM	36	39	13.99	14.10	14.04		
15	64QAM	75	0	13.94	14.15	14.04		
15	256QAM	1	0	14.22	14.13	14.21		
15	256QAM	1	37	14.04	14.07	14.04		
15	256QAM	1	74	13.92	14.06	14.07		
15	256QAM	36	0	14.03	14.08	14.06		
15	256QAM	36	20	14.03	14.06	13.99		
15	256QAM	36	39	13.96	14.01	14.17		
15	256QAM	75	0	13.98	14.02	14.04		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	14.23	14.32	14.30	15.5	0
10	QPSK	1	25	14.25	14.15	14.08		
10	QPSK	1	49	14.14	14.21	14.19		
10	QPSK	25	0	14.26	14.24	14.15		
10	QPSK	25	12	14.06	14.18	14.12		
10	QPSK	25	25	14.09	14.15	14.24		
10	QPSK	50	0	14.17	14.26	14.13		
10	16QAM	1	0	14.24	14.19	14.18		
10	16QAM	1	25	14.01	13.93	13.98		
10	16QAM	1	49	13.92	14.09	14.06		
10	16QAM	25	0	14.14	14.18	14.10		
10	16QAM	25	12	14.02	14.07	13.93		
10	16QAM	25	25	13.94	13.95	14.09		
10	16QAM	50	0	13.98	14.03	14.05		
10	64QAM	1	0	14.14	14.21	14.16		
10	64QAM	1	25	14.11	13.95	13.99		
10	64QAM	1	49	13.87	14.16	13.93		
10	64QAM	25	0	14.01	14.09	14.03		
10	64QAM	25	12	13.98	13.98	13.91		
10	64QAM	25	25	13.90	14.13	13.98		
10	64QAM	50	0	13.97	14.20	14.01		
10	256QAM	1	0	14.22	14.15	14.11		
10	256QAM	1	25	14.05	14.04	14.08		
10	256QAM	1	49	13.96	14.09	14.07		
10	256QAM	25	0	14.00	14.04	14.14		
10	256QAM	25	12	14.05	14.13	13.96		
10	256QAM	25	25	13.95	14.07	14.08		
10	256QAM	50	0	14.04	14.08	14.10		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	14.30	14.38	14.29	15.5	0
5	QPSK	1	12	14.21	14.14	14.17		
5	QPSK	1	24	14.10	14.24	14.23		
5	QPSK	12	0	14.20	14.24	14.14		
5	QPSK	12	7	14.04	14.14	14.11		
5	QPSK	12	13	14.16	14.19	14.20		
5	QPSK	25	0	14.15	14.23	14.23		
5	16QAM	1	0	14.16	14.18	14.22		
5	16QAM	1	12	14.04	13.96	14.00		
5	16QAM	1	24	13.98	14.05	13.99		
5	16QAM	12	0	14.10	14.26	14.13		
5	16QAM	12	7	13.99	14.11	13.89		
5	16QAM	12	13	14.03	13.97	14.04		
5	16QAM	25	0	14.02	14.08	14.08		
5	64QAM	1	0	14.19	14.21	14.12		
5	64QAM	1	12	14.04	14.01	13.92		
5	64QAM	1	24	13.90	14.20	13.91		
5	64QAM	12	0	13.98	14.11	14.05		
5	64QAM	12	7	13.95	13.92	13.94		
5	64QAM	12	13	13.96	14.13	14.00		
5	64QAM	25	0	13.89	14.14	13.98		
5	256QAM	1	0	14.23	14.15	14.15		
5	256QAM	1	12	14.04	13.99	14.07		
5	256QAM	1	24	13.87	14.06	14.05		
5	256QAM	12	0	14.08	14.03	14.14		
5	256QAM	12	7	14.04	14.10	13.98		
5	256QAM	12	13	14.03	14.10	14.09		
5	256QAM	25	0	14.06	14.02	14.02		

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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	12.80	12.82	12.85	12.79	12.76	13.9	0
20	QPSK	1	49	12.69	12.70	12.73	12.64	12.56		
20	QPSK	1	99	12.64	12.61	12.64	12.67	12.56		
20	QPSK	50	0	12.72	12.74	12.76	12.75	12.73	13.9	0
20	QPSK	50	24	12.65	12.72	12.71	12.62	12.58		
20	QPSK	50	50	12.68	12.67	12.69	12.70	12.57		
20	QPSK	100	0	12.69	12.70	12.75	12.73	12.67		
20	16QAM	1	0	12.64	12.70	12.70	12.66	12.65	13.9	0
20	16QAM	1	49	12.49	12.59	12.62	12.51	12.41		
20	16QAM	1	99	12.52	12.47	12.43	12.48	12.40		
20	16QAM	50	0	12.61	12.64	12.58	12.57	12.58	13.9	0
20	16QAM	50	24	12.49	12.62	12.52	12.47	12.41		
20	16QAM	50	50	12.59	12.50	12.60	12.61	12.47		
20	16QAM	100	0	12.58	12.56	12.55	12.53	12.56		
20	64QAM	1	0	12.66	12.65	12.65	12.67	12.65	13.9	0
20	64QAM	1	49	12.56	12.56	12.58	12.54	12.37		
20	64QAM	1	99	12.43	12.51	12.44	12.53	12.45		
20	64QAM	50	0	12.53	12.56	12.56	12.65	12.59	13.9	0
20	64QAM	50	24	12.52	12.56	12.58	12.50	12.37		
20	64QAM	50	50	12.54	12.47	12.52	12.55	12.42		
20	64QAM	100	0	12.59	12.54	12.56	12.53	12.56		
20	256QAM	1	0	12.71	12.66	12.67	12.61	12.66	13.9	0
20	256QAM	1	49	12.58	12.52	12.52	12.44	12.43		
20	256QAM	1	99	12.53	12.42	12.51	12.51	12.37		
20	256QAM	50	0	12.60	12.62	12.56	12.57	12.55	13.9	0
20	256QAM	50	24	12.51	12.57	12.62	12.49	12.46		
20	256QAM	50	50	12.55	12.57	12.55	12.54	12.38		
20	256QAM	100	0	12.52	12.54	12.61	12.61	12.48		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	12.74	12.67	12.70	12.73	12.62	13.90	0
15	QPSK	1	37	12.64	12.55	12.69	12.50	12.44		
15	QPSK	1	74	12.51	12.48	12.59	12.56	12.50		
15	QPSK	36	0	12.60	12.60	12.63	12.62	12.63	13.9	0
15	QPSK	36	20	12.52	12.60	12.68	12.58	12.45		
15	QPSK	36	39	12.61	12.55	12.56	12.67	12.51		
15	QPSK	75	0	12.55	12.61	12.67	12.59	12.55		
15	16QAM	1	0	12.50	12.63	12.58	12.52	12.56	13.9	0
15	16QAM	1	37	12.39	12.52	12.49	12.42	12.32		
15	16QAM	1	74	12.49	12.42	12.30	12.36	12.27		
15	16QAM	36	0	12.50	12.59	12.61	12.51	12.50	13.9	0
15	16QAM	36	20	12.37	12.51	12.45	12.33	12.37		
15	16QAM	36	39	12.46	12.37	12.56	12.50	12.38		
15	16QAM	75	0	12.53	12.51	12.44	12.45	12.47		
15	64QAM	1	0	12.62	12.59	12.57	12.64	12.58	13.9	0
15	64QAM	1	37	12.42	12.46	12.44	12.47	12.33		
15	64QAM	1	74	12.31	12.43	12.32	12.39	12.41		
15	64QAM	36	0	12.39	12.45	12.46	12.52	12.54	13.9	0
15	64QAM	36	20	12.46	12.47	12.44	12.40	12.33		
15	64QAM	36	39	12.49	12.35	12.43	12.41	12.31		
15	64QAM	75	0	12.45	12.47	12.50	12.48	12.43		
15	256QAM	1	0	12.59	12.58	12.63	12.56	12.59	13.9	0
15	256QAM	1	37	12.54	12.42	12.43	12.35	12.38		
15	256QAM	1	74	12.42	12.31	12.44	12.39	12.22		
15	256QAM	36	0	12.48	12.47	12.53	12.46	12.42	13.9	0
15	256QAM	36	20	12.44	12.49	12.49	12.37	12.42		
15	256QAM	36	39	12.43	12.46	12.43	12.43	12.27		
15	256QAM	75	0	12.39	12.43	12.53	12.47	12.43		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	12.72	12.79	12.71	12.71	12.69	13.90	0
10	QPSK	1	25	12.60	12.64	12.60	12.55	12.52		
10	QPSK	1	49	12.59	12.46	12.61	12.53	12.51		
10	QPSK	25	0	12.58	12.66	12.62	12.66	12.67	13.9	0
10	QPSK	25	12	12.53	12.68	12.65	12.57	12.49		
10	QPSK	25	25	12.60	12.57	12.55	12.64	12.53		
10	QPSK	50	0	12.61	12.61	12.63	12.61	12.59		
10	16QAM	1	0	12.49	12.67	12.58	12.56	12.61	13.9	0
10	16QAM	1	25	12.45	12.55	12.56	12.45	12.27		
10	16QAM	1	49	12.41	12.37	12.35	12.43	12.27		
10	16QAM	25	0	12.51	12.53	12.50	12.51	12.46	13.9	0
10	16QAM	25	12	12.35	12.58	12.37	12.32	12.35		
10	16QAM	25	25	12.50	12.42	12.46	12.48	12.44		
10	16QAM	50	0	12.48	12.44	12.47	12.42	12.48		
10	64QAM	1	0	12.52	12.61	12.57	12.56	12.53	13.9	0
10	64QAM	1	25	12.42	12.44	12.53	12.46	12.34		
10	64QAM	1	49	12.31	12.41	12.39	12.40	12.41		
10	64QAM	25	0	12.44	12.43	12.41	12.57	12.55	13.9	0
10	64QAM	25	12	12.41	12.53	12.47	12.42	12.27		
10	64QAM	25	25	12.43	12.42	12.48	12.46	12.29		
10	64QAM	50	0	12.47	12.39	12.41	12.42	12.41		
10	256QAM	1	0	12.61	12.55	12.63	12.55	12.56	13.9	0
10	256QAM	1	25	12.44	12.49	12.41	12.39	12.32		
10	256QAM	1	49	12.39	12.32	12.45	12.42	12.25		
10	256QAM	25	0	12.57	12.58	12.47	12.43	12.42	13.9	0
10	256QAM	25	12	12.45	12.52	12.57	12.40	12.32		
10	256QAM	25	25	12.48	12.52	12.42	12.50	12.26		
10	256QAM	50	0	12.39	12.44	12.51	12.58	12.34		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	12.72	12.75	12.77	12.72	12.62	13.90	0
5	QPSK	1	12	12.65	12.64	12.60	12.53	12.41		
5	QPSK	1	24	12.52	12.48	12.50	12.64	12.47		
5	QPSK	12	0	12.66	12.68	12.71	12.61	12.64	13.9	0
5	QPSK	12	7	12.51	12.61	12.62	12.49	12.45		
5	QPSK	12	13	12.57	12.54	12.62	12.65	12.43		
5	QPSK	25	0	12.63	12.61	12.62	12.60	12.61	13.9	0
5	16QAM	1	0	12.55	12.59	12.59	12.61	12.52		
5	16QAM	1	12	12.36	12.47	12.52	12.40	12.38		
5	16QAM	1	24	12.46	12.38	12.38	12.34	12.25		
5	16QAM	12	0	12.54	12.53	12.44	12.54	12.52	13.9	0
5	16QAM	12	7	12.45	12.53	12.48	12.41	12.36		
5	16QAM	12	13	12.53	12.42	12.50	12.48	12.40		
5	16QAM	25	0	12.50	12.47	12.40	12.42	12.46		
5	64QAM	1	0	12.55	12.55	12.58	12.60	12.52	13.9	0
5	64QAM	1	12	12.45	12.47	12.44	12.44	12.27		
5	64QAM	1	24	12.34	12.42	12.29	12.41	12.37		
5	64QAM	12	0	12.41	12.45	12.44	12.51	12.48	13.9	0
5	64QAM	12	7	12.42	12.46	12.55	12.44	12.23		
5	64QAM	12	13	12.45	12.38	12.49	12.51	12.27		
5	64QAM	25	0	12.54	12.44	12.47	12.45	12.43		
5	256QAM	1	0	12.65	12.60	12.60	12.50	12.59	13.9	0
5	256QAM	1	12	12.46	12.47	12.41	12.30	12.31		
5	256QAM	1	24	12.48	12.32	12.47	12.46	12.26		
5	256QAM	12	0	12.53	12.49	12.42	12.48	12.50	13.9	0
5	256QAM	12	7	12.39	12.52	12.53	12.40	12.40		
5	256QAM	12	13	12.47	12.46	12.43	12.48	12.28		
5	256QAM	25	0	12.45	12.46	12.50	12.51	12.44		

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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	14.48	14.50	14.52	14.46	14.43	15.5	0
20	QPSK	1	49	14.35	14.40	14.33	14.36	14.28		
20	QPSK	1	99	14.37	14.30	14.41	14.33	14.29		
20	QPSK	50	0	14.36	14.38	14.43	14.42	14.32	15.5	0
20	QPSK	50	24	14.38	14.29	14.36	14.32	14.27		
20	QPSK	50	50	14.30	14.30	14.36	14.37	14.24		
20	QPSK	100	0	14.36	14.37	14.42	14.39	14.30		
20	16QAM	1	0	14.35	14.33	14.41	14.35	14.30	15.5	0
20	16QAM	1	49	14.17	14.24	14.17	14.17	14.13		
20	16QAM	1	99	14.23	14.16	14.25	14.23	14.17		
20	16QAM	50	0	14.17	14.29	14.34	14.24	14.20	15.5	0
20	16QAM	50	24	14.28	14.17	14.22	14.14	14.13		
20	16QAM	50	50	14.17	14.16	14.18	14.22	14.08		
20	16QAM	100	0	14.24	14.20	14.28	14.23	14.19		
20	64QAM	1	0	14.31	14.34	14.37	14.31	14.32	15.5	0
20	64QAM	1	49	14.14	14.21	14.19	14.16	14.12		
20	64QAM	1	99	14.22	14.11	14.31	14.15	14.10		
20	64QAM	50	0	14.24	14.22	14.34	14.22	14.13	15.5	0
20	64QAM	50	24	14.27	14.08	14.17	14.12	14.12		
20	64QAM	50	50	14.17	14.18	14.23	14.22	14.04		
20	64QAM	100	0	14.22	14.16	14.28	14.23	14.12		
20	256QAM	1	0	14.32	14.37	14.33	14.35	14.25	15.5	0
20	256QAM	1	49	14.25	14.27	14.15	14.26	14.08		
20	256QAM	1	99	14.23	14.14	14.27	14.21	14.12		
20	256QAM	50	0	14.22	14.18	14.27	14.23	14.13	15.5	0
20	256QAM	50	24	14.20	14.08	14.27	14.14	14.08		
20	256QAM	50	50	14.11	14.17	14.21	14.24	14.11		
20	256QAM	100	0	14.18	14.23	14.25	14.18	14.20		
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	14.34	14.38	14.42	14.27	14.27	15.50	0
15	QPSK	1	37	14.22	14.20	14.22	14.17	14.15		
15	QPSK	1	74	14.26	14.16	14.22	14.23	14.12		
15	QPSK	36	0	14.21	14.20	14.24	14.27	14.16	15.5	0
15	QPSK	36	20	14.21	14.19	14.19	14.22	14.14		
15	QPSK	36	39	14.17	14.21	14.15	14.20	14.15		
15	QPSK	75	0	14.21	14.17	14.33	14.24	14.16		
15	16QAM	1	0	14.16	14.14	14.28	14.21	14.09	15.5	0
15	16QAM	1	37	13.96	14.07	13.97	14.07	14.00		
15	16QAM	1	74	14.12	13.95	14.10	14.09	13.97		
15	16QAM	36	0	13.97	14.17	14.17	14.07	14.08	15.5	0
15	16QAM	36	20	14.10	14.06	14.08	14.04	14.03		
15	16QAM	36	39	13.99	13.98	14.02	14.12	13.97		
15	16QAM	75	0	14.12	14.00	14.17	14.04	13.98		
15	64QAM	1	0	14.11	14.18	14.17	14.12	14.20	15.5	0
15	64QAM	1	37	14.03	14.07	14.05	13.97	13.94		
15	64QAM	1	74	14.04	13.99	14.20	13.98	13.93		
15	64QAM	36	0	14.10	14.10	14.14	14.08	13.93	15.5	0
15	64QAM	36	20	14.13	13.88	13.97	14.00	13.95		
15	64QAM	36	39	13.99	13.97	14.04	14.05	13.90		
15	64QAM	75	0	14.12	14.06	14.15	14.13	13.98		
15	256QAM	1	0	14.13	14.23	14.14	14.23	14.13	15.5	0
15	256QAM	1	37	14.11	14.08	14.06	14.13	13.88		
15	256QAM	1	74	14.11	13.99	14.13	14.05	13.99		
15	256QAM	36	0	14.03	13.98	14.10	14.08	14.03	15.5	0
15	256QAM	36	20	14.03	13.87	14.16	14.05	13.95		
15	256QAM	36	39	13.98	14.03	14.07	14.13	13.99		
15	256QAM	75	0	14.07	14.05	14.11	14.09	14.04		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	14.38	14.40	14.42	14.34	14.25	15.50	0
10	QPSK	1	25	14.24	14.22	14.14	14.24	14.15		
10	QPSK	1	49	14.18	14.19	14.27	14.15	14.15		
10	QPSK	25	0	14.21	14.21	14.33	14.27	14.17	15.5	0
10	QPSK	25	12	14.17	14.11	14.18	14.13	14.12		
10	QPSK	25	25	14.18	14.12	14.20	14.19	14.06		
10	QPSK	50	0	14.26	14.27	14.27	14.21	14.13		
10	16QAM	1	0	14.19	14.14	14.23	14.23	14.19	15.5	0
10	16QAM	1	25	14.04	14.05	14.07	13.99	13.95		
10	16QAM	1	49	14.11	14.00	14.13	14.06	14.02		
10	16QAM	25	0	13.97	14.16	14.19	14.09	14.00	15.5	0
10	16QAM	25	12	14.11	14.01	14.12	14.02	13.94		
10	16QAM	25	25	14.02	13.99	14.03	14.05	13.95		
10	16QAM	50	0	14.12	14.06	14.14	14.05	14.01		
10	64QAM	1	0	14.20	14.24	14.25	14.21	14.13	15.5	0
10	64QAM	1	25	13.98	14.05	14.02	13.96	13.94		
10	64QAM	1	49	14.08	14.00	14.21	13.95	13.98		
10	64QAM	25	0	14.07	14.03	14.22	14.06	13.94	15.5	0
10	64QAM	25	12	14.07	13.92	14.05	13.95	13.97		
10	64QAM	25	25	13.97	14.06	14.08	14.04	13.95		
10	64QAM	50	0	14.06	14.04	14.16	14.10	13.96		
10	256QAM	1	0	14.17	14.22	14.21	14.23	14.10	15.5	0
10	256QAM	1	25	14.06	14.13	14.03	14.17	13.94		
10	256QAM	1	49	14.08	13.93	14.13	14.04	13.97		
10	256QAM	25	0	14.09	14.05	14.16	14.13	13.96	15.5	0
10	256QAM	25	12	14.02	13.95	14.12	13.93	13.93		
10	256QAM	25	25	13.93	14.05	14.09	14.09	13.91		
10	256QAM	50	0	13.98	14.02	14.06	14.03	14.06		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	14.36	14.34	14.39	14.27	14.25	15.50	0
5	QPSK	1	12	14.20	14.25	14.15	14.25	14.17		
5	QPSK	1	24	14.23	14.13	14.25	14.20	14.11		
5	QPSK	12	0	14.15	14.25	14.34	14.23	14.23	15.5	0
5	QPSK	12	7	14.22	14.13	14.18	14.22	14.06		
5	QPSK	12	13	14.17	14.20	14.20	14.25	14.04		
5	QPSK	25	0	14.21	14.26	14.22	14.28	14.14		
5	16QAM	1	0	14.18	14.17	14.29	14.24	14.16	15.5	0
5	16QAM	1	12	14.05	14.08	14.00	14.02	13.98		
5	16QAM	1	24	14.08	13.99	14.09	14.07	13.96		
5	16QAM	12	0	14.07	14.10	14.23	14.04	14.00	15.5	0
5	16QAM	12	7	14.12	14.04	14.08	13.95	13.95		
5	16QAM	12	13	14.03	14.05	14.07	14.04	13.97		
5	16QAM	25	0	14.10	14.06	14.10	14.12	14.05		
5	64QAM	1	0	14.14	14.14	14.24	14.21	14.15	15.5	0
5	64QAM	1	12	14.02	14.11	13.99	13.96	14.03		
5	64QAM	1	24	14.05	13.96	14.15	14.05	13.98		
5	64QAM	12	0	14.12	14.02	14.14	14.04	13.96	15.5	0
5	64QAM	12	7	14.10	13.87	14.06	13.92	14.00		
5	64QAM	12	13	14.02	13.98	14.10	14.09	13.93		
5	64QAM	25	0	14.08	14.00	14.14	14.08	13.94		
5	256QAM	1	0	14.18	14.17	14.21	14.18	14.07	15.5	0
5	256QAM	1	12	14.15	14.11	14.03	14.07	13.90		
5	256QAM	1	24	14.04	13.94	14.16	14.06	13.92		
5	256QAM	12	0	14.05	14.09	14.16	14.12	14.03	15.5	0
5	256QAM	12	7	14.01	13.98	14.11	13.99	13.97		
5	256QAM	12	13	13.92	14.05	14.12	14.09	13.97		
5	256QAM	25	0	13.98	14.13	14.14	14.05	14.10		

GSM1900 Ant 2 DS07	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	27.79	27.88	27.70	29.40	18.79	18.88	18.70	20.40
GPRS 1 Tx slot	27.64	27.87	27.71	29.40	18.64	18.87	18.71	20.40
GPRS 2 Tx slots	25.33	25.47	25.38	26.40	19.33	19.47	19.38	20.40
GPRS 3 Tx slots	23.35	23.42	23.34	24.60	19.09	19.16	19.08	20.34
GPRS 4 Tx slots	22.49	22.58	22.55	23.40	19.49	19.58	19.55	20.40
EDGE 1 Tx slot	24.67	24.58	24.55	25.50	15.67	15.58	15.55	16.50
EDGE 2 Tx slots	23.57	23.31	23.26	24.50	17.57	17.31	17.26	18.50
EDGE 3 Tx slots	21.86	21.81	21.68	22.50	17.60	17.55	17.42	18.24
EDGE 4 Tx slots	20.02	20.02	19.98	21.00	17.02	17.02	16.98	18.00

Band		WCDMA II Ant 2 DS07			Tune-up Limit (dBm)	WCDMA IV Ant 2 DS07			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	18.96	19.02	18.98	20.00	18.13	18.13	18.10	19.20
3GPP Rel 99	RMC 12.2Kbps	19.00	19.05	19.01	20.00	18.14	18.18	18.15	19.20
3GPP Rel 6	HSDPA Subtest-1	17.97	18.03	18.03	19.00	17.09	17.22	17.12	18.20
3GPP Rel 6	HSDPA Subtest-2	18.03	18.06	17.96	19.00	17.10	17.16	17.13	18.20
3GPP Rel 6	HSDPA Subtest-3	17.50	17.51	17.46	18.50	16.62	16.71	16.70	17.70
3GPP Rel 6	HSDPA Subtest-4	17.46	17.50	17.53	18.50	16.66	16.65	16.68	17.70
3GPP Rel 8	DC-HSDPA Subtest-1	18.02	18.03	17.99	19.00	17.15	17.24	17.20	18.20
3GPP Rel 8	DC-HSDPA Subtest-2	18.03	18.01	18.05	19.00	17.18	17.14	17.15	18.20
3GPP Rel 8	DC-HSDPA Subtest-3	17.54	17.53	17.50	18.50	16.69	16.67	16.62	17.70
3GPP Rel 8	DC-HSDPA Subtest-4	17.53	17.54	17.51	18.50	16.62	16.64	16.71	17.70
3GPP Rel 6	HSUPA Subtest-1	18.01	18.05	18.04	19.00	17.12	17.22	17.17	18.20
3GPP Rel 6	HSUPA Subtest-2	16.00	16.09	15.98	17.00	15.09	15.22	15.17	16.20
3GPP Rel 6	HSUPA Subtest-3	16.98	17.04	16.98	18.00	16.15	16.17	16.17	17.20
3GPP Rel 6	HSUPA Subtest-4	16.03	16.02	15.97	17.00	15.11	15.12	15.12	16.20
3GPP Rel 6	HSUPA Subtest-5	17.99	17.99	18.01	19.00	17.10	17.14	17.14	18.20

Band 2 Ant 2 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.35	19.40	19.36		
20	QPSK	1	49	19.16	19.27	19.20	20.5	0
20	QPSK	1	99	19.10	19.21	19.20		
20	QPSK	50	0	19.21	19.31	19.25		
20	QPSK	50	24	19.25	19.27	19.22	20.5	0
20	QPSK	50	50	19.23	19.25	19.17		
20	QPSK	100	0	19.27	19.29	19.28		
20	16QAM	1	0	19.19	19.30	19.26		
20	16QAM	1	49	19.07	19.18	19.10	20.5	0
20	16QAM	1	99	19.01	19.01	19.03		
20	16QAM	50	0	19.10	19.20	19.10		
20	16QAM	50	24	19.14	19.15	19.06	20.5	0
20	16QAM	50	50	19.10	19.13	19.07		
20	16QAM	100	0	19.12	19.12	19.09		
20	64QAM	1	0	19.17	19.31	19.24		
20	64QAM	1	49	18.96	19.09	19.02	20.5	0
20	64QAM	1	99	19.09	19.11	19.02		
20	64QAM	50	0	19.05	19.14	19.06		
20	64QAM	50	24	19.14	19.16	19.03	20.5	0
20	64QAM	50	50	19.03	19.07	19.03		
20	64QAM	100	0	19.10	19.09	19.09		
20	256QAM	1	0	17.83	17.93	17.91		
20	256QAM	1	49	17.64	17.78	17.71	19	1.5
20	256QAM	1	99	17.65	17.66	17.70		
20	256QAM	50	0	17.66	17.82	17.70		
20	256QAM	50	24	17.79	17.79	17.74	19	1.5
20	256QAM	50	50	17.76	17.76	17.73		
20	256QAM	100	0	17.76	17.80	17.75		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.22	19.36	19.22		
15	QPSK	1	37	19.08	19.16	19.08	20.5	0
15	QPSK	1	74	19.10	19.16	19.10		
15	QPSK	36	0	19.13	19.18	19.12		
15	QPSK	36	20	19.10	19.13	19.13	20.5	0
15	QPSK	36	39	19.10	19.10	19.11		
15	QPSK	75	0	19.18	19.24	19.21		
15	16QAM	1	0	19.12	19.17	19.14		
15	16QAM	1	37	18.93	19.10	19.03	20.5	0
15	16QAM	1	74	18.96	18.88	18.88		
15	16QAM	36	0	19.04	19.13	18.98		
15	16QAM	36	20	19.05	19.08	18.93	20.5	0
15	16QAM	36	39	18.96	19.07	18.95		
15	16QAM	75	0	19.08	19.05	19.05		
15	64QAM	1	0	19.06	19.23	19.11		
15	64QAM	1	37	18.87	18.95	18.99	20.5	0
15	64QAM	1	74	18.95	19.04	18.99		
15	64QAM	36	0	18.98	19.09	18.98		
15	64QAM	36	20	19.08	19.08	18.88	20.5	0
15	64QAM	36	39	18.88	19.00	18.89		
15	64QAM	75	0	19.06	19.03	18.98		
15	256QAM	1	0	17.77	17.88	17.84		
15	256QAM	1	37	17.58	17.68	17.58	19	1.5
15	256QAM	1	74	17.64	17.61	17.64		
15	256QAM	36	0	17.61	17.78	17.63		
15	256QAM	36	20	17.67	17.72	17.60	19	1.5
15	256QAM	36	39	17.69	17.67	17.67		
15	256QAM	75	0	17.64	17.74	17.66		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
10	QPSK	1	0	19.30	19.36	19.35		
10	QPSK	1	25	19.05	19.18	19.11	20.5	0
10	QPSK	1	49	19.10	19.08	19.07		
10	QPSK	25	0	19.15	19.26	19.22		
10	QPSK	25	12	19.14	19.12	19.15	20.5	0
10	QPSK	25	25	19.14	19.22	19.13		
10	QPSK	50	0	19.19	19.24	19.21		
10	16QAM	1	0	19.10	19.21	19.16		
10	16QAM	1	25	18.98	19.12	19.02	20.5	0
10	16QAM	1	49	18.86	18.92	18.91		
10	16QAM	25	0	19.06	19.12	19.03		
10	16QAM	25	12	19.05	19.11	19.02	20.5	0
10	16QAM	25	25	18.98	19.03	19.02		
10	16QAM	50	0	19.01	19.08	19.00		
10	64QAM	1	0	19.13	19.21	19.11		
10	64QAM	1	25	18.87	19.01	18.95	20.5	0
10	64QAM	1	49	18.99	19.00	18.90		
10	64QAM	25	0	18.92	19.02	18.92		
10	64QAM	25	12	19.10	19.10	18.97	20.5	0
10	64QAM	25	25	18.98	18.98	18.99		
10	64QAM	50	0	19.00	19.00	19.02		
10	256QAM	1	0	17.75	17.85	17.77		
10	256QAM	1	25	17.49	17.63	17.64	19	1.5
10	256QAM	1	49	17.61	17.54	17.61		
10	256QAM	25	0	17.59	17.73	17.61		
10	256QAM	25	12	17.69	17.68	17.61	19	1.5
10	256QAM	25	25	17.69	17.63	17.65		
10	256QAM	50	0	17.63	17.73	17.71		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.25	19.33	19.32		
5	QPSK	1	12	19.08	19.20	19.08	20.5	0
5	QPSK	1	24	19.15	19.16	19.14		
5	QPSK	12	0	19.18	19.17	19.15		
5	QPSK	12	7	19.12	19.19	19.09	20.5	0
5	QPSK	12	13	19.13	19.11	19.02		
5	QPSK	25	0	19.16	19.18	19.19		
5	16QAM	1	0	19.12	19.22	19.20		
5	16QAM	1	12	19.09	19.00	19.00	20.5	0
5	16QAM	1	24	18.88	18.87	18.92		
5	16QAM	12	0	18.99	19.11	19.06		
5	16QAM	12	7	19.02	19.07	18.97	20.5	0
5	16QAM	12	13	18.98	19.03	19.04		
5	16QAM	25	0	18.98	19.06	19.00		
5	64QAM	1	0	19.05	19.23	19.11		
5	64QAM	1	12	18.90	18.95	18.91	20.5	0
5	64QAM	1	24	18.96	19.03	18.91		
5	64QAM	12	0	18.92	19.01	18.98		
5	64QAM	12	7	19.11	19.06	18.91	20.5	0
5	64QAM	12	13	18.98	19.03	18.94		
5	64QAM	25	0	18.96	18.95	19.03		
5	256QAM	1	0	17.78	17.89	17.77		
5	256QAM	1	12	17.51	17.70	17.57	19	1.5
5	256QAM	1	24	17.53	17.57	17.57		
5	256QAM	12	0	17.74	17.76	17.65		
5	256QAM	12	7	17.70	17.71	17.62	19	1.5
5	256QAM	12	13	17.65	17.66	17.70		
5	256QAM	25	0	17.66	17.70	17.70		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.20	19.34	19.25		
3	QPSK	1	8	19.10	19.21	19.14	20.5	0
3	QPSK	1	14	19.06	19.14	19.06		
3	QPSK	8	0	19.06	19.20	19.22		
3	QPSK	8	4	19.15	19.19	19.14	20.5	0
3	QPSK	8	7	19.14	19.16	19.06		
3	QPSK	15	0	19.24	19.17	19.24		
3	16QAM	1	0	19.08	19.25	19.17		
3	16QAM	1	8	18.95	19.10	18.99	20.5	0
3	16QAM	1	14	18.96	18.90	18.89		
3	16QAM	8	0	18.98	19.15	19.04		
3	16QAM	8	4	19.09	19.05	18.93	20.5	0
3	16QAM	8	7	19.10	19.10	18.93		
3	16QAM	15	0	19.06	19.02	18.97		
3	64QAM	1	0	19.11	19.23	19.21		
3	64QAM	1	8	18.87	19.00	18.95	20.5	0
3	64QAM	1	14	19.06	19.06	18.92		
3	64QAM	8	0	18.98	19.06	18.98		
3	64QAM	8	4	19.02	19.01	18.92	20.5	0
3	64QAM	8	7	18.91	18.95	18.98		
3	64QAM	15	0	19.03	18.97	19.04		
3	256QAM	1	0	17.76	17.83	17.77		
3	256QAM	1	8	17.50	17.69	17.59	19	1.5
3	256QAM	1	14	17.56	17.53	17.63		
3	256QAM	8	0	17.60	17.71	17.64		
3	256QAM	8	4	17.69	17.70	17.67	19	1.5
3	256QAM	8	7	17.71	17.65	17.63		
3	256QAM	15	0	17.72	17.73	17.61		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.25	19.30	19.26		
1.4	QPSK	1	3	19.08	19.15	19.08		
1.4	QPSK	1	5	19.05	19.14	19.14	20.5	0
1.4	QPSK	3	0	19.10	19.24	19.17		
1.4	QPSK	3	1	19.20	19.12	19.14		
1.4	QPSK	3	3	19.14	19.15	19.04		
1.4	QPSK	6	0	19.19	19.25	19.25	20.5	0
1.4	16QAM	1	0	19.09	19.21	19.14		
1.4	16QAM	1	3	19.01	19.10	18.99		
1.4	16QAM	1	5	18.96	18.90	18.94	20.5	0
1.4	16QAM	3	0	19.01	19.07	18.96		
1.4	16QAM	3	1	19.09	19.00	18.97		
1.4	16QAM	3	3	19.06	19.10	18.99		
1.4	16QAM	6	0	18.97	19.08	18.98	20.5	0
1.4	64QAM	1	0	19.05	19.22	19.14		
1.4	64QAM	1	3	18.82	19.05	18.92		
1.4	64QAM	1	5	18.94	18.96	18.96	20.5	0
1.4	64QAM	3	0	18.92	19.06	19.03		
1.4	64QAM	3	1	19.08	19.02	18.90		
1.4	64QAM	3	3	18.95	18.92	18.93		
1.4	64QAM	6	0	18.96	19.01	19.01	20.5	0
1.4	256QAM	1	0	17.69	17.89	17.88		
1.4	256QAM	1	3	17.55	17.63	17.63		
1.4	256QAM	1	5	17.54	17.53	17.66	19	1.5
1.4	256QAM	3	0	17.53	17.69	17.59		
1.4	256QAM	3	1	17.69	17.74	17.67		
1.4	256QAM	3	3	17.66	17.70	17.70		
1.4	256QAM	6	0	17.54	17.68	17.63	19	1.5

Band 4 Ant 2 DSI7

BW [MHz]	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	18.63	18.75	18.63		
20	QPSK	1	49	18.53	18.53	18.48	19.9	0
20	QPSK	1	99	18.62	18.61	18.52		
20	QPSK	50	0	18.55	18.67	18.52		
20	QPSK	50	24	18.55	18.59	18.51	19.9	0
20	QPSK	50	50	18.52	18.57	18.46		
20	QPSK	100	0	18.57	18.60	18.58		
20	16QAM	1	0	18.55	18.60	18.43		
20	16QAM	1	49	18.35	18.37	18.29	19.9	0
20	16QAM	1	99	18.38	18.41	18.25		
20	16QAM	50	0	18.42	18.48	18.41		
20	16QAM	50	24	18.45	18.38	18.34	19.9	0
20	16QAM	50	50	18.50	18.40	18.25		
20	16QAM	100	0	18.40	18.45	18.51		
20	64QAM	1	0	18.56	18.60	18.44		
20	64QAM	1	49	18.36	18.37	18.34	19.9	0
20	64QAM	1	99	18.39	18.49	18.35		
20	64QAM	50	0	18.47	18.44	18.41		
20	64QAM	50	24	18.43	18.41	18.39	19.9	0
20	64QAM	50	50	18.45	18.47	18.30		
20	64QAM	100	0	18.42	18.48	18.55		
20	256QAM	1	0	17.76	17.84	17.75		
20	256QAM	1	49	17.69	17.70	17.65	19	0.9
20	256QAM	1	99	17.71	17.69	17.64		
20	256QAM	50	0	17.61	17.72	17.59		
20	256QAM	50	24	17.66	17.69	17.69	19	0.9
20	256QAM	50	50	17.71	17.63	17.49		
20	256QAM	100	0	17.69	17.78	17.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.53	18.61	18.50		
15	QPSK	1	37	18.48	18.49	18.45	19.9	0
15	QPSK	1	74	18.55	18.57	18.42		
15	QPSK	36	0	18.46	18.58	18.39		
15	QPSK	36	20	18.48	18.46	18.47	19.9	0
15	QPSK	36	39	18.39	18.48	18.35		
15	QPSK	75	0	18.49	18.46	18.53		
15	16QAM	1	0	18.48	18.48	18.40		
15	16QAM	1	37	18.21	18.27	18.23	19.9	0
15	16QAM	1	74	18.32	18.38	18.17		
15	16QAM	36	0	18.27	18.36	18.35		
15	16QAM	36	20	18.41	18.29	18.20	19.9	0
15	16QAM	36	39	18.40	18.35	18.15		
15	16QAM	75	0	18.36	18.36	18.45		
15	64QAM	1	0	18.52	18.52	18.40		
15	64QAM	1	37	18.29	18.29	18.28	19.9	0
15	64QAM	1	74	18.30	18.38	18.31		
15	64QAM	36	0	18.32	18.39	18.27		
15	64QAM	36	20	18.40	18.38	18.39	19.9	0
15	64QAM	36	39	18.38	18.42	18.22		
15	64QAM	75	0	18.30	18.44	18.47		
15	256QAM	1	0	17.68	17.74	17.72		
15	256QAM	1	37	17.55	17.61	17.62	19	0.9
15	256QAM	1	74	17.66	17.60	17.61		
15	256QAM	36	0	17.52	17.57	17.46		
15	256QAM	36	20	17.53	17.66	17.65	19	0.9
15	256QAM	36	39	17.64	17.54	17.58		
15	256QAM	75	0	17.61	17.67	17.54		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.55	18.67	18.53		
10	QPSK	1	25	18.46	18.43	18.41	19.9	0
10	QPSK	1	49	18.52	18.52	18.40		
10	QPSK	25	0	18.50	18.54	18.46		
10	QPSK	25	12	18.40	18.46	18.41	19.9	0
10	QPSK	25	25	18.38	18.49	18.33		
10	QPSK	50	0	18.51	18.55	18.45		
10	16QAM	1	0	18.50	18.47	18.38		
10	16QAM	1	25	18.29	18.25	18.14	19.9	0
10	16QAM	1	49	18.32	18.13	18.15		
10	16QAM	25	0	18.35	18.37	18.32		
10	16QAM	25	12	18.39	18.24	18.20	19.9	0
10	16QAM	25	25	18.40	18.31	18.12		
10	16QAM	50	0	18.26	18.35	18.40		
10	64QAM	1	0	18.49	18.56	18.36		
10	64QAM	1	25	18.32	18.34	18.27	19.9	0
10	64QAM	1	49	18.36	18.40	18.21		
10	64QAM	25	0	18.43	18.37	18.31		
10	64QAM	25	12	18.30	18.36	18.32	19.9	0
10	64QAM	25	25	18.33	18.43	18.20		
10	64QAM	50	0	18.29	18.34	18.44		
10	256QAM	1	0	17.73	17.71	17.62		
10	256QAM	1	25	17.55	17.65	17.53	19	0.9
10	256QAM	1	49	17.64	17.62	17.52		
10	256QAM	25	0	17.49	17.57	17.54		
10	256QAM	25	12	17.51	17.62	17.47	19	0.9
10	256QAM	25	25	17.59	17.56	17.43		
10	256QAM	50	0	17.68	17.67	17.54		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.52	18.69	18.51		
5	QPSK	1	12	18.50	18.39	18.42	19.9	0
5	QPSK	1	24	18.55	18.55	18.39		
5	QPSK	12	0	18.46	18.58	18.43		
5	QPSK	12	7	18.41	18.48	18.43	19.9	0
5	QPSK	12	13	18.41	18.51	18.32		
5	QPSK	25	0	18.49	18.45	18.54		
5	16QAM	1	0	18.50	18.49	18.40		
5	16QAM	1	12	18.23	18.24	18.14	19.9	0
5	16QAM	1	24	18.33	18.31	18.21		
5	16QAM	12	0	18.34	18.37	18.35		
5	16QAM	12	7	18.40	18.27	18.21	19.9	0
5	16QAM	12	13	18.14	18.15	18.16		
5	16QAM	25	0	18.36	18.41	18.47		
5	64QAM	1	0	18.42	18.54	18.35		
5	64QAM	1	12	18.29	18.28	18.30	19.9	0
5	64QAM	1	24	18.29	18.45	18.23		
5	64QAM	12	0	18.38	18.35	18.35		
5	64QAM	12	7	18.28	18.26	18.33	19.9	0
5	64QAM	12	13	18.38	18.35	18.23		
5	64QAM	25	0	18.31	18.40	18.50		
5	256QAM	1	0	17.66	17.80	17.60		
5	256QAM	1	12	17.65	17.65	17.56	19	0.9
5	256QAM	1	24	17.62	17.65	17.57		
5	256QAM	12	0	17.62	17.51	17.54		
5	256QAM	12	7	17.56	17.60	17.54	19	0.9
5	256QAM	12	13	17.67	17.54	17.45		
5	256QAM	25	0	17.54	17.64	17.59		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.49	18.69	18.57		
3	QPSK	1	8	18.49	18.48	18.44	19.9	0
3	QPSK	1	14	18.51	18.53	18.44		
3	QPSK	8	0	18.49	18.49	18.49		
3	QPSK	8	4	18.48	18.53	18.41	19.9	0
3	QPSK	8	7	18.40	18.45	18.39		
3	QPSK	15	0	18.43	18.51	18.55		
3	16QAM	1	0	18.44	18.36	18.36		
3	16QAM	1	8	18.24	18.22	18.20	19.9	0
3	16QAM	1	14	18.26	18.28	18.11		
3	16QAM	8	0	18.29	18.41	18.37		
3	16QAM	8	4	18.30	18.34	18.32	19.9	0
3	16QAM	8	7	18.36	18.31	18.11		
3	16QAM	15	0	18.33	18.39	18.46		
3	64QAM	1	0	18.45	18.45	18.37		
3	64QAM	1	8	18.30	18.25	18.20	19.9	0
3	64QAM	1	14	18.28	18.44	18.32		
3	64QAM	8	0	18.38	18.36	18.38		
3	64QAM	8	4	18.35	18.27	18.31	19.9	0
3	64QAM	8	7	18.38	18.36	18.21		
3	64QAM	15	0	18.38	18.34	18.47		
3	256QAM	1	0	17.68	17.78	17.64		
3	256QAM	1	8	17.64	17.64	17.56	19	0.9
3	256QAM	1	14	17.61	17.66	17.54		
3	256QAM	8	0	17.50	17.62	17.50		
3	256QAM	8	4	17.52	17.65	17.63	19	0.9
3	256QAM	8	7	17.68	17.49	17.40		
3	256QAM	15	0	17.54	17.72	17.55		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.49	18.67	18.52		
1.4	QPSK	1	3	18.44	18.38	18.43		
1.4	QPSK	1	5	18.48	18.48	18.38	19.9	0
1.4	QPSK	3	0	18.43	18.58	18.40		
1.4	QPSK	3	1	18.46	18.47	18.37		
1.4	QPSK	3	3	18.40	18.52	18.33		
1.4	QPSK	6	0	18.47	18.51	18.44	19.9	0
1.4	16QAM	1	0	18.40	18.52	18.36		
1.4	16QAM	1	3	18.30	18.33	18.15		
1.4	16QAM	1	5	18.35	18.29	18.14	19.9	0
1.4	16QAM	3	0	18.34	18.35	18.30		
1.4	16QAM	3	1	18.37	18.24	18.22		
1.4	16QAM	3	3	18.47	18.26	18.19		
1.4	16QAM	6	0	18.28	18.41	18.45	19.9	0
1.4	64QAM	1	0	18.45	18.53	18.30		
1.4	64QAM	1	3	18.32	18.31	18.22		
1.4	64QAM	1	5	18.32	18.39	18.27	19.9	0
1.4	64QAM	3	0	18.36	18.37	18.31		
1.4	64QAM	3	1	18.31	18.28	18.25		
1.4	64QAM	3	3	18.35	18.42	18.18		
1.4	64QAM	6	0	18.32	18.35	18.40	19.9	0
1.4	256QAM	1	0	17.66	17.74	17.72		
1.4	256QAM	1	3	17.56	17.60	17.58		
1.4	256QAM	1	5	17.66	17.60	17.58	19	0.9
1.4	256QAM	3	0	17.54	17.62	17.55		
1.4	256QAM	3	1	17.62	17.63	17.55		
1.4	256QAM	3	3	17.66	17.59	17.42		
1.4	256QAM	6	0	17.54	17.66	17.56	19	0.9

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BW [MHz]	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	19.10	19.15	19.13		
20	QPSK	1	49	18.97	18.96	19.02	20.4	0
20	QPSK	1	99	18.96	18.97	19.00		
20	QPSK	50	0	19.06	19.09	19.02		
20	QPSK	50	24	18.89	18.94	18.93	20.4	0
20	QPSK	50	50	18.89	18.99	19.00		
20	QPSK	100	0	19.03	19.07	19.01		
20	16QAM	1	0	18.89	19.03	18.99		
20	16QAM	1	49	18.78	18.77	18.89	20.4	0
20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.18	21.26	21.20	22.5	0
20	QPSK	1	49	20.99	21.01	21.04		
20	QPSK	1	99	21.08	21.08	20.98		
20	QPSK	50	0	20.99	21.17	21.08		
20	QPSK	50	24	20.92	21.07	21.05		
20	QPSK	50	50	21.03	20.97	20.99		
20	QPSK	100	0	21.01	21.09	20.97		
20	16QAM	1	0	21.03	21.03	21.05	22.5	0
20	16QAM	1	49	20.81	20.89	20.92		
20	16QAM	1	99	20.90	20.96	20.84		
20	16QAM	50	0	20.07	20.27	20.25	21.5	1
20	16QAM	50	24	20.06	20.14	20.07		
20	16QAM	50	50	19.97	19.96	19.89		
20	16QAM	100	0	20.07	20.16	19.99		
20	64QAM	1	0	20.00	20.10	20.11	21.5	1
20	64QAM	1	49	20.03	20.01	20.00		
20	64QAM	1	99	20.04	20.08	19.95		
20	64QAM	50	0	19.12	19.25	19.19	20.5	2
20	64QAM	50	24	18.91	19.08	19.12		
20	64QAM	50	50	19.10	19.05	18.97		
20	64QAM	100	0	19.11	19.15	19.11		
20	256QAM	1	0	17.25	17.12	17.12	18.5	4
20	256QAM	1	49	16.91	17.08	17.08		
20	256QAM	1	99	17.09	17.12	16.95		
20	256QAM	50	0	16.99	17.06	17.04	18.5	4
20	256QAM	50	24	16.94	17.00	17.07		
20	256QAM	50	50	17.01	17.06	17.04		
20	256QAM	100	0	17.06	17.04	16.98		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.07	21.17	21.16	22.5	0
15	QPSK	1	37	20.86	20.97	20.91		
15	QPSK	1	74	20.98	21.00	20.91		
15	QPSK	36	0	20.86	21.03	20.97	22.5	0
15	QPSK	36	20	20.88	20.92	21.01		
15	QPSK	36	39	20.98	20.89	20.90		
15	QPSK	75	0	20.97	21.00	20.93		
15	16QAM	1	0	20.97	20.96	20.98	22.5	0
15	16QAM	1	37	20.77	20.81	20.88		
15	16QAM	1	74	20.80	20.82	20.77		
15	16QAM	36	0	19.97	20.18	20.19	21.5	1
15	16QAM	36	20	20.01	20.08	20.01		
15	16QAM	36	39	19.92	19.87	19.81		
15	16QAM	75	0	19.99	20.08	19.84		
15	64QAM	1	0	19.85	20.02	20.02	21.5	1
15	64QAM	1	37	19.94	19.92	19.88		
15	64QAM	1	74	19.96	20.04	19.84		
15	64QAM	36	0	19.01	19.11	19.09	20.5	2
15	64QAM	36	20	18.84	19.00	19.01		
15	64QAM	36	39	19.06	18.96	18.93		
15	64QAM	75	0	19.04	19.11	19.01		
15	256QAM	1	0	17.17	17.05	17.07	18.5	4
15	256QAM	1	37	16.78	17.04	17.04		
15	256QAM	1	74	16.96	16.97	16.87		
15	256QAM	36	0	16.88	16.98	16.97	18.5	4
15	256QAM	36	20	16.79	16.90	16.95		
15	256QAM	36	39	16.86	16.92	17.00		
15	256QAM	75	0	16.98	17.01	16.89		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.11	21.20	21.12	22.5	0
10	QPSK	1	25	20.88	20.86	20.91		
10	QPSK	1	49	21.02	21.00	20.89		
10	QPSK	25	0	20.86	21.09	20.93	22.5	0
10	QPSK	25	12	20.82	20.97	20.96		
10	QPSK	25	25	20.93	20.84	20.88		
10	QPSK	50	0	20.92	21.00	20.84		
10	16QAM	1	0	20.93	21.00	20.92	22.5	0
10	16QAM	1	25	20.74	20.80	20.77		
10	16QAM	1	49	20.84	20.91	20.76		
10	16QAM	25	0	19.93	20.14	20.21	21.5	1
10	16QAM	25	12	19.93	20.11	19.94		
10	16QAM	25	25	19.93	19.83	19.84		
10	16QAM	50	0	20.04	20.09	19.90		
10	64QAM	1	0	19.95	20.07	20.05	21.5	1
10	64QAM	1	25	19.91	19.91	19.94		
10	64QAM	1	49	20.00	19.95	19.86		
10	64QAM	25	0	19.00	19.15	19.05	20.5	2
10	64QAM	25	12	18.88	19.03	19.05		
10	64QAM	25	25	18.96	19.00	18.86		
10	64QAM	50	0	18.99	19.09	18.98		
10	256QAM	1	0	17.18	17.04	17.02	18.5	4
10	256QAM	1	25	16.76	16.88	17.05		
10	256QAM	1	49	17.05	17.00	16.80		
10	256QAM	25	0	16.91	16.91	16.92	18.5	4
10	256QAM	25	12	16.85	16.94	16.97		
10	256QAM	25	25	16.92	17.01	16.89		
10	256QAM	50	0	16.95	16.90	16.92		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.11	21.16	21.17	22.5	0
5	QPSK	1	12	20.90	20.92	20.91		
5	QPSK	1	24	21.04	20.94	20.91		
5	QPSK	12	0	20.89	21.13	20.96	22.5	0
5	QPSK	12	7	20.89	20.96	20.98		
5	QPSK	12	13	20.90	20.83	20.95		
5	QPSK	25	0	20.94	20.99	20.94		
5	16QAM	1	0	20.99	20.92	20.93	22.5	0
5	16QAM	1	12	20.76	20.85	20.80		
5	16QAM	1	24	20.77	20.87	20.70		
5	16QAM	12	0	19.94	20.18	20.13	21.5	1
5	16QAM	12	7	20.02	20.07	19.96		
5	16QAM	12	13	19.90	19.83	19.74		
5	16QAM	25	0	19.93	20.03	19.88		
5	64QAM	1	0	19.92	20.04	19.97	21.5	1
5	64QAM	1	12	19.97	19.97	19.89		
5	64QAM	1	24	19.97	20.04	19.84		
5	64QAM	12	0	19.05	19.12	19.15	20.5	2
5	64QAM	12	7	18.78	18.98	19.03		
5	64QAM	12	13	18.96	19.01	18.87		
5	64QAM	25	0	19.05	19.08	19.04		
5	256QAM	1	0	17.18	16.97	17.02	18.5	4
5	256QAM	1	12	16.86	16.99	16.95		
5	256QAM	1	24	17.01	17.01	16.84		
5	256QAM	12	0	16.93	16.99	16.93	18.5	4
5	256QAM	12	7	16.84	16.93	17.01		
5	256QAM	12	13	16.98	16.99	16.92		
5	256QAM	25	0	16.95	16.97	16.92		

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BW [MHz]	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	22.81	22.88	22.83	24.1	0
20	QPSK	1	49	22.65	22.70	22.80		
20	QPSK	1	99	22.66	22.73	22.75		
20	QPSK	50	0	22.75	22.84	22.69	24.1	0
20	QPSK	50	24	22.68	22.73	22.76		
20	QPSK	50	50	22.71	22.82	22.67		
20	QPSK	100	0	22.76	22.83	22.78		
20	16QAM	1	0	22.68	22.76	22.73	24.1	0
20	16QAM	1	49	22.62	22.53	22.53		
20	16QAM	1	99	22.47	22.55	22.72		
20	16QAM	50	0	22.59	22.72	22.61	24.1	0
20	16QAM	50	24	22.45	22.60	22.67		
20	16QAM	50	50	22.63	22.61	22.50		
20	16QAM	100	0	22.66	22.78	22.55		
20	64QAM	1	0	22.70	22.72	22.68	24.1	0
20	64QAM	1	49	22.54	22.66	22.63		
20	64QAM	1	99	22.55	22.63	22.62		
20	64QAM	50	0	22.12	22.26	22.12	23.5	0.6
20	64QAM	50	24	22.03	22.02	21.98		
20	64QAM	50	50	21.94	22.04	21.97		
20	64QAM	100	0	22.05	22.12	22.06		
20	256QAM	1	0	20.16	20.11	20.13	21.5	2.6
20	256QAM	1	49	20.04	20.02	20.06		
20	256QAM	1	99	20.00	20.01	20.07		
20	256QAM	50	0	20.03	20.15	20.05	21.5	2.6
20	256QAM	50	24	19.95	20.04	19.95		
20	256QAM	50	50	20.11	20.08	20.05		
20	256QAM	100	0	20.11	20.06	20.04		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.77	22.75	22.76	24.1	0
15	QPSK	1	37	22.51	22.67	22.68		
15	QPSK	1	74	22.57	22.63	22.68		
15	QPSK	36	0	22.65	22.70	22.66	24.1	0
15	QPSK	36	20	22.58	22.67	22.65		
15	QPSK	36	39	22.57	22.67	22.53		
15	QPSK	75	0	22.72	22.69	22.74		
15	16QAM	1	0	22.60	22.72	22.70	24.1	0
15	16QAM	1	37	22.47	22.40	22.49		
15	16QAM	1	74	22.43	22.43	22.64		
15	16QAM	36	0	22.49	22.68	22.46	24.1	0
15	16QAM	36	20	22.31	22.52	22.56		
15	16QAM	36	39	22.51	22.58	22.42		
15	16QAM	75	0	22.54	22.75	22.47		
15	64QAM	1	0	22.63	22.61	22.64	24.1	0
15	64QAM	1	37	22.46	22.60	22.60		
15	64QAM	1	74	22.49	22.52	22.50		
15	64QAM	36	0	22.02	22.20	22.07	23.5	0.6
15	64QAM	36	20	21.91	21.96	21.92		
15	64QAM	36	39	21.83	21.95	21.88		
15	64QAM	75	0	21.97	22.06	21.96		
15	256QAM	1	0	20.10	19.98	20.07	21.5	2.6
15	256QAM	1	37	19.95	19.97	19.98		
15	256QAM	1	74	19.90	19.89	19.94		
15	256QAM	36	0	19.99	20.05	19.92	21.5	2.6
15	256QAM	36	20	19.91	19.89	19.85		
15	256QAM	36	39	20.05	19.98	20.02		
15	256QAM	75	0	20.03	19.97	19.92		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.70	22.81	22.74	24.1	0
10	QPSK	1	25	22.60	22.64	22.66		
10	QPSK	1	49	22.61	22.69	22.66		
10	QPSK	25	0	22.60	22.71	22.56	24.1	0
10	QPSK	25	12	22.54	22.66	22.68		
10	QPSK	25	25	22.61	22.69	22.59		
10	QPSK	50	0	22.69	22.77	22.66		
10	16QAM	1	0	22.64	22.67	22.69	24.1	0
10	16QAM	1	25	22.51	22.41	22.46		
10	16QAM	1	49	22.34	22.49	22.61		
10	16QAM	25	0	22.49	22.62	22.47	24.1	0
10	16QAM	25	12	22.39	22.47	22.59		
10	16QAM	25	25	22.52	22.47	22.39		
10	16QAM	50	0	22.57	22.64	22.45		
10	64QAM	1	0	22.59	22.63	22.60	24.1	0
10	64QAM	1	25	22.44	22.59	22.60		
10	64QAM	1	49	22.41	22.55	22.48		
10	64QAM	25	0	22.04	22.16	21.98	23.5	0.6
10	64QAM	25	12	21.89	21.94	21.83		
10	64QAM	25	25	21.84	21.95	21.91		
10	64QAM	50	0	21.98	22.00	22.03		
10	256QAM	1	0	20.03	19.98	20.00	21.5	2.6
10	256QAM	1	25	19.98	19.95	20.01		
10	256QAM	1	49	19.87	19.87	19.94		
10	256QAM	25	0	19.89	20.01	19.93	21.5	2.6
10	256QAM	25	12	19.90	19.89	19.82		
10	256QAM	25	25	20.06	20.01	19.98		
10	256QAM	50	0	20.05	20.02	19.98		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.67	22.84	22.79	24.1	0
5	QPSK	1	12	22.60	22.56	22.74		
5	QPSK	1	24	22.60	22.67	22.62		
5	QPSK	12	0	22.65	22.76	22.63	24.1	0
5	QPSK	12	7	22.60	22.62	22.70		
5	QPSK	12	13	22.60	22.76	22.58		
5	QPSK	25	0	22.67	22.75	22.66		
5	16QAM	1	0	22.55	22.67	22.66	24.1	0
5	16QAM	1	12	22.51	22.48	22.41		
5	16QAM	1	24	22.43	22.49	22.68		
5	16QAM	12	0	22.46	22.64	22.57	24.1	0
5	16QAM	12	7	22.31	22.52	22.62		
5	16QAM	12	13	22.57	22.47	22.36		
5	16QAM	25	0	22.56	22.69	22.51		
5	64QAM	1	0	22.62	22.62	22.59	24.1	0
5	64QAM	1	12	22.48	22.53	22.58		
5	64QAM	1	24	22.41	22.57	22.48		
5	64QAM	12	0	22.02	22.20	22.08	23.5	0.6
5	64QAM	12	7	21.94	21.97	21.85		
5	64QAM	12	13	21.88	21.89	21.86		
5	64QAM	25	0	21.93	22.02	21.98		
5	256QAM	1	0	20.09	20.06	19.99	21.5	2.6
5	256QAM	1	12	19.95	19.89	19.94		
5	256QAM	1	24	19.86	19.86	19.93		
5	256QAM	12	0	19.98	20.11	19.93	21.5	2.6
5	256QAM	12	7	19.89	19.90	19.86		
5	256QAM	12	13	20.02	19.99	20.00		
5	256QAM	25	0	20.06	19.98	19.91		

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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	21.22	21.25	21.30	21.26	21.28	22.5	0
20	QPSK	1	49	21.10	21.04	21.16	21.16	21.07		
20	QPSK	1	99	21.10	21.13	21.13	21.09	21.17		
20	QPSK	50	0	21.19	21.12	21.24	21.15	21.17	22.5	0
20	QPSK	50	24	21.05	21.05	21.17	21.17	21.09		
20	QPSK	50	50	21.10	21.16	21.10	21.10	21.12		
20	QPSK	100	0	21.12	21.15	21.19	21.11	21.16		
20	16QAM	1	0	21.07	21.07	21.16	21.11	21.18	22.5	0
20	16QAM	1	49	20.97	20.87	20.96	20.98	20.86		
20	16QAM	1	99	20.96	20.98	21.03	20.89	21.05		
20	16QAM	50	0	20.21	20.21	20.30	20.29	20.30	21.5	1
20	16QAM	50	24	20.12	20.10	20.18	20.11	20.05		
20	16QAM	50	50	20.14	20.07	20.11	20.03	20.14		
20	16QAM	100	0	20.15	20.15	20.23	20.12	20.21		
20	64QAM	1	0	20.00	20.05	20.18	20.21	20.08	21.5	1
20	64QAM	1	49	20.13	20.15	20.05	20.05	20.07		
20	64QAM	1	99	20.12	20.15	20.14	20.07	20.16		
20	64QAM	50	0	19.19	19.26	19.30	19.22	19.29	20.5	2
20	64QAM	50	24	19.05	19.03	19.13	19.16	19.04		
20	64QAM	50	50	19.10	19.15	19.13	19.06	19.21		
20	64QAM	100	0	19.15	19.18	19.24	19.14	19.20		
20	256QAM	1	0	17.26	17.30	17.26	17.26	17.28	18.5	4
20	256QAM	1	49	17.09	17.03	17.21	17.19	17.04		
20	256QAM	1	99	17.09	17.15	17.16	17.05	17.20		
20	256QAM	50	0	17.18	17.08	17.21	17.15	17.13	18.5	4
20	256QAM	50	24	17.06	17.09	17.11	17.17	17.14		
20	256QAM	50	50	17.10	17.12	17.14	17.12	17.07		
20	256QAM	100	0	17.17	17.11	17.13	17.09	17.15		
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	21.21	21.22	21.17	21.17	22.50	0
15	QPSK	1	37	20.97	20.90	21.09	21.01	21.00		
15	QPSK	1	74	21.01	21.07	21.00	21.04	21.03		
15	QPSK	36	0	21.07	21.07	21.12	21.07	21.05	22.5	0
15	QPSK	36	20	20.90	20.95	21.02	21.11	21.02		
15	QPSK	36	39	20.99	21.11	20.98	20.96	20.97		
15	QPSK	75	0	21.01	21.10	21.13	21.04	21.05		
15	16QAM	1	0	21.01	20.98	21.02	21.08	21.06	22.5	0
15	16QAM	1	37	20.91	20.74	20.87	20.87	20.73		
15	16QAM	1	74	20.93	20.91	20.94	20.78	20.94		
15	16QAM	36	0	20.06	20.14	20.18	20.22	20.17	21.5	1
15	16QAM	36	20	20.01	20.05	20.11	19.98	19.96		
15	16QAM	36	39	20.01	19.98	20.05	19.99	20.09		
15	16QAM	75	0	20.05	20.02	20.13	20.04	20.15		
15	64QAM	1	0	19.91	20.01	20.07	20.17	19.95	21.5	1
15	64QAM	1	37	19.98	20.06	19.91	20.01	19.95		
15	64QAM	1	74	20.02	20.00	20.10	19.99	20.07		
15	64QAM	36	0	19.05	19.12	19.23	19.10	19.17	20.5	2
15	64QAM	36	20	18.99	18.98	19.07	19.08	18.90		
15	64QAM	36	39	18.98	19.02	19.05	19.01	19.17		
15	64QAM	75	0	19.00	19.06	19.11	19.11	19.15		
15	256QAM	1	0	17.15	17.17	17.17	17.20	17.13	18.5	4
15	256QAM	1	37	16.96	16.95	17.15	17.16	17.01		
15	256QAM	1	74	16.98	17.10	17.12	17.00	17.15		
15	256QAM	36	0	17.05	17.00	17.07	17.02	17.02	18.5	4
15	256QAM	36	20	16.93	16.95	17.04	17.07	17.08		
15	256QAM	36	39	17.04	17.05	17.08	16.98	16.95		
15	256QAM	75	0	17.02	17.04	16.99	16.98	17.11		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.14	21.22	21.26	21.15	21.21	22.50	0
10	QPSK	1	25	21.05	20.96	21.11	21.12	21.01		
10	QPSK	1	49	21.03	21.05	21.00	21.02	21.06		
10	QPSK	25	0	21.07	21.03	21.19	21.08	21.04	22.5	0
10	QPSK	25	12	20.98	20.97	21.04	21.05	21.00		
10	QPSK	25	25	21.00	21.11	21.00	20.98	21.03		
10	QPSK	50	0	21.03	21.03	21.15	21.02	21.11		
10	16QAM	1	0	21.01	20.98	21.01	20.99	21.07	22.5	0
10	16QAM	1	25	20.85	20.79	20.84	20.93	20.75		
10	16QAM	1	49	20.82	20.91	20.99	20.80	20.94		
10	16QAM	25	0	20.16	20.11	20.16	20.15	20.25	21.5	1
10	16QAM	25	12	20.04	20.00	20.08	19.99	19.94		
10	16QAM	25	25	20.00	19.98	19.97	19.98	20.04		
10	16QAM	50	0	20.11	20.06	20.12	20.06	20.11		
10	64QAM	1	0	19.91	19.99	20.09	20.06	20.02	21.5	1
10	64QAM	1	25	20.00	20.08	19.98	20.01	19.94		
10	64QAM	1	49	19.97	20.12	20.05	19.94	20.12		
10	64QAM	25	0	19.12	19.21	19.24	19.07	19.26	20.5	2
10	64QAM	25	12	18.91	18.88	19.07	19.08	18.95		
10	64QAM	25	25	19.04	19.08	18.98	19.02	19.11		
10	64QAM	50	0	19.05	19.06	19.12	19.08	19.05		
10	256QAM	1	0	17.22	17.18	17.22	17.21	17.14	18.5	4
10	256QAM	1	25	17.01	16.95	17.07	17.10	17.01		
10	256QAM	1	49	17.00	17.10	17.06	16.91	17.10		
10	256QAM	25	0	17.08	16.98	17.14	17.10	17.09	18.5	4
10	256QAM	25	12	16.93	17.04	17.01	17.14	17.05		
10	256QAM	25	25	16.98	17.01	17.08	17.07	16.99		
10	256QAM	50	0	17.13	17.01	17.01	17.00	17.00		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	21.16	21.22	21.23	21.20	21.14	22.50	0
5	QPSK	1	12	20.99	20.95	21.08	21.11	20.99		
5	QPSK	1	24	21.00	21.02	21.10	21.01	21.07		
5	QPSK	12	0	21.09	20.98	21.09	21.12	21.05	22.5	0
5	QPSK	12	7	20.91	20.97	21.11	21.11	21.03		
5	QPSK	12	13	21.04	21.05	20.98	21.05	20.99		
5	QPSK	25	0	21.01	21.03	21.13	21.04	21.11		
5	16QAM	1	0	20.93	21.02	21.04	20.97	21.09	22.5	0
5	16QAM	1	12	20.87	20.76	20.86	20.83	20.74		
5	16QAM	1	24	20.81	20.91	20.98	20.85	20.92		
5	16QAM	12	0	20.11	20.16	20.18	20.23	20.26	21.5	1
5	16QAM	12	7	20.00	20.01	20.13	20.02	19.95		
5	16QAM	12	13	20.09	19.99	19.97	19.88	20.06		
5	16QAM	25	0	20.07	20.12	20.15	20.01	20.14		
5	64QAM	1	0	19.96	20.00	20.11	20.14	19.98	21.5	1
5	64QAM	1	12	20.07	20.04	19.94	19.91	20.03		
5	64QAM	1	24	20.01	20.08	20.00	20.00	20.05		
5	64QAM	12	0	19.10	19.11	19.17	19.11	19.22	20.5	2
5	64QAM	12	7	18.94	18.94	19.05	19.09	18.92		
5	64QAM	12	13	19.02	19.04	19.07	19.01	19.16		
5	64QAM	25	0	19.05	19.15	19.15	19.09	19.11		
5	256QAM	1	0	17.18	17.21	17.23	17.12	17.18	18.5	4
5	256QAM	1	12	16.96	16.92	17.10	17.15	16.91		
5	256QAM	1	24	17.02	17.00	17.03	16.91	17.05		
5	256QAM	12	0	17.06	17.04	17.13	17.06	17.00	18.5	4
5	256QAM	12	7	16.97	16.99	17.03	17.12	17.04		
5	256QAM	12	13	17.03	17.08	17.03	17.00	17.03		
5	256QAM	25	0	17.05	17.01	17.06	17.03	17.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.90	22.95	22.96	22.96	22.92	24.1	0
20	QPSK	1	49	22.80	22.78	22.82	22.83	22.79		
20	QPSK	1	99	22.72	22.75	22.79	22.85	22.76		
20	QPSK	50	0	22.76	22.83	22.95	22.83	22.87	24.1	0
20	QPSK	50	24	22.71	22.78	22.80	22.81	22.82		
20	QPSK	50	50	22.79	22.83	22.87	22.79	22.72		
20	QPSK	100	0	22.80	22.89	22.92	22.86	22.80		
20	16QAM	1	0	22.74	22.77	22.88	22.80	22.79	24.1	0
20	16QAM	1	49	22.65	22.69	22.68	22.64	22.65		
20	16QAM	1	99	22.57	22.56	22.59	22.76	22.56		
20	16QAM	50	0	22.63	22.63	22.82	22.72	22.70	24.1	0
20	16QAM	50	24	22.59	22.59	22.67	22.70	22.73		
20	16QAM	50	50	22.64	22.71	22.75	22.60	22.61		
20	16QAM	100	0	22.70	22.79	22.83	22.66	22.60		
20	64QAM	1	0	22.76	22.83	22.82	22.80	22.79	24.1	0
20	64QAM	1	49	22.70	22.66	22.73	22.68	22.60		
20	64QAM	1	99	22.54	22.66	22.68	22.65	22.66		
20	64QAM	50	0	22.25	22.21	22.32	22.24	22.18	23.5	0.6
20	64QAM	50	24	22.05	22.14	22.08	22.07	22.03		
20	64QAM	50	50	22.01	22.07	22.11	22.12	22.11		
20	64QAM	100	0	22.08	22.17	22.20	22.12	22.22		
20	256QAM	1	0	20.23	20.23	20.22	20.22	20.20	21.5	2.6
20	256QAM	1	49	20.10	20.11	20.12	20.17	20.05		
20	256QAM	1	99	20.00	20.08	20.09	20.21	20.02		
20	256QAM	50	0	20.04	20.17	20.24	20.12	20.18	21.5	2.6
20	256QAM	50	24	20.02	20.02	20.09	20.07	20.12		
20	256QAM	50	50	20.04	20.18	20.16	20.08	19.99		
20	256QAM	100	0	20.16	20.19	20.17	20.16	20.13		
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	22.79	22.84	22.89	22.85	22.82	24.10	0
15	QPSK	1	37	22.76	22.73	22.78	22.71	22.69		
15	QPSK	1	74	22.65	22.68	22.72	22.76	22.68		
15	QPSK	36	0	22.71	22.69	22.89	22.70	22.82	24.1	0
15	QPSK	36	20	22.64	22.69	22.75	22.68	22.72		
15	QPSK	36	39	22.71	22.70	22.77	22.73	22.57		
15	QPSK	75	0	22.76	22.85	22.80	22.80	22.70		
15	16QAM	1	0	22.71	22.70	22.83	22.65	22.70	24.1	0
15	16QAM	1	37	22.58	22.62	22.61	22.60	22.50		
15	16QAM	1	74	22.51	22.52	22.53	22.67	22.50		
15	16QAM	36	0	22.56	22.55	22.68	22.66	22.56	24.1	0
15	16QAM	36	20	22.51	22.50	22.63	22.65	22.67		
15	16QAM	36	39	22.57	22.63	22.66	22.48	22.55		
15	16QAM	75	0	22.62	22.71	22.73	22.59	22.56		
15	64QAM	1	0	22.65	22.75	22.68	22.73	22.74	24.1	0
15	64QAM	1	37	22.65	22.53	22.61	22.58	22.50		
15	64QAM	1	74	22.41	22.52	22.56	22.52	22.56		
15	64QAM	36	0	22.11	22.11	22.20	22.14	22.03	23.5	0.6
15	64QAM	36	20	21.96	22.10	22.04	22.03	21.96		
15	64QAM	36	39	21.92	21.98	21.98	22.05	22.08		
15	64QAM	75	0	22.01	22.12	22.16	22.06	22.14		
15	256QAM	1	0	20.19	20.17	20.18	20.15	20.11	21.5	2.6
15	256QAM	1	37	20.02	19.98	20.09	20.14	19.97		
15	256QAM	1	74	19.90	19.98	19.97	20.09	19.91		
15	256QAM	36	0	19.92	20.10	20.12	20.05	20.15	21.5	2.6
15	256QAM	36	20	19.90	19.97	20.05	19.92	20.05		
15	256QAM	36	39	19.89	20.08	20.02	19.98	19.92		
15	256QAM	75	0	20.08	20.08	20.11	20.01	20.05		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.76	22.85	22.85	22.83	22.79	24.10	0
10	QPSK	1	25	22.69	22.66	22.76	22.71	22.66		
10	QPSK	1	49	22.58	22.63	22.72	22.73	22.63		
10	QPSK	25	0	22.72	22.70	22.81	22.73	22.77	24.1	0
10	QPSK	25	12	22.59	22.64	22.71	22.74	22.69		
10	QPSK	25	25	22.67	22.77	22.72	22.68	22.59		
10	QPSK	50	0	22.68	22.78	22.78	22.73	22.72		
10	16QAM	1	0	22.68	22.64	22.79	22.75	22.64	24.1	0
10	16QAM	1	25	22.54	22.63	22.59	22.52	22.54		
10	16QAM	1	49	22.52	22.47	22.55	22.71	22.49		
10	16QAM	25	0	22.49	22.52	22.77	22.57	22.65	24.1	0
10	16QAM	25	12	22.53	22.45	22.62	22.65	22.61		
10	16QAM	25	25	22.58	22.66	22.66	22.56	22.58		
10	16QAM	50	0	22.56	22.72	22.76	22.54	22.47		
10	64QAM	1	0	22.62	22.68	22.69	22.73	22.72	24.1	0
10	64QAM	1	25	22.59	22.58	22.59	22.58	22.48		
10	64QAM	1	49	22.51	22.62	22.59	22.56	22.55		
10	64QAM	25	0	22.17	22.11	22.26	22.12	22.05	23.5	0.6
10	64QAM	25	12	22.00	22.08	21.99	22.01	21.88		
10	64QAM	25	25	21.92	22.00	21.99	21.99	22.02		
10	64QAM	50	0	21.96	22.11	22.07	22.08	22.16		
10	256QAM	1	0	20.12	20.15	20.07	20.15	20.05	21.5	2.6
10	256QAM	1	25	19.96	20.01	20.04	20.12	19.94		
10	256QAM	1	49	19.97	20.01	19.96	20.09	19.93		
10	256QAM	25	0	19.93	20.12	20.11	19.97	20.11	21.5	2.6
10	256QAM	25	12	19.93	19.89	19.96	20.02	20.02		
10	256QAM	25	25	19.93	20.03	20.13	19.99	19.89		
10	256QAM	50	0	20.07	20.14	20.14	20.10	20.09		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	22.76	22.84	22.87	22.84	22.83	24.10	0
5	QPSK	1	12	22.69	22.75	22.75	22.77	22.75		
5	QPSK	1	24	22.65	22.70	22.76	22.77	22.72		
5	QPSK	12	0	22.62	22.79	22.89	22.74	22.75	24.1	0
5	QPSK	12	7	22.63	22.74	22.74	22.75	22.75		
5	QPSK	12	13	22.75	22.68	22.76	22.66	22.68		
5	QPSK	25	0	22.68	22.84	22.88	22.82	22.76		
5	16QAM	1	0	22.70	22.67	22.73	22.75	22.74	24.1	0
5	16QAM	1	12	22.53	22.55	22.64	22.50	22.57		
5	16QAM	1	24	22.53	22.50	22.51	22.65	22.52		
5	16QAM	12	0	22.55	22.53	22.76	22.65	22.64	24.1	0
5	16QAM	12	7	22.55	22.53	22.60	22.58	22.64		
5	16QAM	12	13	22.50	22.56	22.64	22.55	22.57		
5	16QAM	25	0	22.56	22.71	22.77	22.57	22.53		
5	64QAM	1	0	22.71	22.70	22.67	22.77	22.72	24.1	0
5	64QAM	1	12	22.55	22.58	22.61	22.63	22.48		
5	64QAM	1	24	22.46	22.61	22.57	22.60	22.58		
5	64QAM	12	0	22.18	22.07	22.27	22.17	22.08	23.5	0.6
5	64QAM	12	7	21.99	22.01	21.97	21.94	21.95		
5	64QAM	12	13	21.98	21.99	22.07	22.01	22.00		
5	64QAM	25	0	21.97	22.05	22.15	21.97	22.19		
5	256QAM	1	0	20.12	20.10	20.10	20.13	20.16	21.5	2.6
5	256QAM	1	12	20.05	19.97	19.98	20.13	19.95		
5	256QAM	1	24	19.90	20.05	20.01	20.08	19.89		
5	256QAM	12	0	19.99	20.12	20.13	19.99	20.05	21.5	2.6
5	256QAM	12	7	19.96	19.93	19.97	19.93	20.04		
5	256QAM	12	13	19.92	20.07	20.11	19.95	19.92		
5	256QAM	25	0	20.04	20.06	20.07	20.10	20.03		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				43190	43340	43490		
Frequency (MHz)				3560	3575	3590		
20	QPSK	1	0	16.90	16.95	16.91	18.6	0
20	QPSK	1	49	16.77	16.88	16.81		
20	QPSK	1	99	16.74	16.75	16.83		
20	QPSK	50	0	16.78	16.90	16.81	18.6	0
20	QPSK	50	24	16.84	16.79	16.78		
20	QPSK	50	50	16.71	16.86	16.81		
20	QPSK	100	0	16.75	16.89	16.87		
20	16QAM	1	0	16.78	16.88	16.85	18.6	0
20	16QAM	1	49	16.66	16.68	16.63		
20	16QAM	1	99	16.62	16.73	16.64		
20	16QAM	50	0	16.72	16.68	16.67	18.6	0
20	16QAM	50	24	16.71	16.77	16.62		
20	16QAM	50	50	16.67	16.60	16.72		
20	16QAM	100	0	16.65	16.66	16.77		
20	64QAM	1	0	16.74	16.89	16.80	18.6	0
20	64QAM	1	49	16.62	16.73	16.64		
20	64QAM	1	99	16.62	16.64	16.72		
20	64QAM	50	0	16.62	16.73	16.64	18.6	0
20	64QAM	50	24	16.67	16.82	16.75		
20	64QAM	50	50	16.67	16.65	16.70		
20	64QAM	100	0	16.67	16.82	16.75		
20	256QAM	1	0	16.81	16.83	16.81	18.6	0
20	256QAM	1	49	16.67	16.60	16.72		
20	256QAM	1	99	16.66	16.68	16.63		
20	256QAM	50	0	16.70	16.84	16.68	18.6	0
20	256QAM	50	24	16.67	16.82	16.75		
20	256QAM	50	50	16.67	16.72	16.72		
20	256QAM	100	0	16.62	16.71	16.75		
Channel				43165	43340	43515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3567.5	3575	3582.5		
15	QPSK	1	0	16.90	16.91	16.84	18.6	0
15	QPSK	1	37	16.77	16.86	16.76		
15	QPSK	1	74	16.71	16.72	16.85		
15	QPSK	36	0	16.78	16.85	16.83	18.6	0
15	QPSK	36	20	16.75	16.71	16.73		
15	QPSK	36	39	16.68	16.82	16.82		
15	QPSK	75	0	16.77	16.86	16.84		
15	16QAM	1	0	16.74	16.85	16.78	18.6	0
15	16QAM	1	37	16.78	16.85	16.83		
15	16QAM	1	74	16.75	16.71	16.73		
15	16QAM	36	0	16.74	16.70	16.60	18.6	0
15	16QAM	36	20	16.66	16.71	16.63		
15	16QAM	36	39	16.78	16.85	16.83		
15	16QAM	75	0	16.75	16.71	16.73		
15	64QAM	1	0	16.73	16.88	16.71	18.6	0
15	64QAM	1	37	16.62	16.65	16.66		
15	64QAM	1	74	16.78	16.85	16.83		
15	64QAM	36	0	16.75	16.71	16.73	18.6	0
15	64QAM	36	20	16.73	16.65	16.60		
15	64QAM	36	39	16.78	16.76	16.79		
15	64QAM	75	0	16.66	16.84	16.73		
15	256QAM	1	0	16.78	16.76	16.79	18.6	0
15	256QAM	1	37	16.62	16.61	16.74		
15	256QAM	1	74	16.78	16.85	16.83		
15	256QAM	36	0	16.75	16.71	16.73	18.6	0
15	256QAM	36	20	16.78	16.76	16.79		
15	256QAM	36	39	16.69	16.66	16.72		
15	256QAM	75	0	16.61	16.73	16.68		
Channel				43140	43340	43540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3575	3595		
10	QPSK	1	0	16.91	16.94	16.91	18.6	0
10	QPSK	1	25	16.76	16.82	16.73		
10	QPSK	1	49	16.74	16.68	16.78		
10	QPSK	25	0	16.72	16.89	16.72	18.6	0
10	QPSK	25	12	16.86	16.71	16.69		
10	QPSK	25	25	16.69	16.89	16.73		
10	QPSK	50	0	16.76	16.85	16.80		
10	16QAM	1	0	16.77	16.81	16.76	18.6	0
10	16QAM	1	25	16.76	16.82	16.73		
10	16QAM	1	49	16.74	16.68	16.78		
10	16QAM	25	0	16.72	16.89	16.72	18.6	0
10	16QAM	25	12	16.67	16.68	16.61		
10	16QAM	25	25	16.71	16.60	16.60		
10	16QAM	50	0	16.66	16.63	16.78		
10	64QAM	1	0	16.76	16.84	16.77	18.6	0
10	64QAM	1	25	16.76	16.82	16.73		
10	64QAM	1	49	16.74	16.68	16.78		
10	64QAM	25	0	16.67	16.68	16.61	18.6	0
10	64QAM	25	12	16.72	16.89	16.72		
10	64QAM	25	25	16.76	16.82	16.73		
10	64QAM	50	0	16.74	16.68	16.78		
10	256QAM	1	0	16.78	16.77	16.82	18.6	0
10	256QAM	1	25	16.72	16.89	16.72		
10	256QAM	1	49	16.76	16.85	16.80		
10	256QAM	25	0	16.62	16.77	16.70	18.6	0
10	256QAM	25	12	16.67	16.68	16.61		
10	256QAM	25	25	16.61	16.63	16.68		
10	256QAM	50	0	16.67	16.68	16.61		
Channel				43115	43340	43565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3532.5	3575	3597.5		
5	QPSK	1	0	16.92	16.92	16.85	18.6	0
5	QPSK	1	12	16.73	16.87	16.78		
5	QPSK	1	24	16.74	16.74	16.79		
5	QPSK	12	0	16.70	16.86	16.75	18.6	0
5	QPSK	12	7	16.77	16.72	16.71		
5	QPSK	12	13	16.70	16.85	16.79		
5	QPSK	25	0	16.74	16.92	16.85		
5	16QAM	1	0	16.71	16.83	16.77	18.6	0
5	16QAM	1	12	16.77	16.72	16.71		
5	16QAM	1	24	16.74	16.92	16.85		
5	16QAM	12	0	16.70	16.63	16.69	18.6	0
5	16QAM	12	7	16.68	16.75	16.62		
5	16QAM	12	13	16.71	16.83	16.77		
5	16QAM	25	0	16.66	16.65	16.71		
5	64QAM	1	0	16.68	16.90	16.77	18.6	0
5	64QAM	1	12	16.68	16.75	16.62		
5	64QAM	1	24	16.74	16.92	16.85		
5	64QAM	12	0	16.82	16.84	16.82	18.6	0
5	64QAM	12	7	16.77	16.72	16.71		
5	64QAM	12	13	16.66	16.65	16.66		
5	64QAM	25	0	16.66	16.81	16.77		
5	256QAM	1	0	16.82	16.84	16.82	18.6	0
5	256QAM	1	12	16.74	16.92	16.85		
5	256QAM	1	24	16.71	16.83	16.77		
5	256QAM	12	0	16.65	16.86	16.60	18.6	0
5	256QAM	12	7	16.74	16.74	16.79		
5	256QAM	12	13	16.68	16.75	16.72		
5	256QAM	25	0	16.61	16.73	16.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	16.95	17.00	16.98	18.6	0
20	QPSK	1	49	16.84	16.86	16.81		
20	QPSK	1	99	16.77	16.82	16.88		
20	QPSK	50	0	16.80	16.92	16.85	18.6	0
20	QPSK	50	24	16.84	16.87	16.80		
20	QPSK	50	50	16.78	16.83	16.88		
20	QPSK	100	0	16.83	16.91	16.89		
20	16QAM	1	0	16.84	16.86	16.84	18.6	0
20	16QAM	1	49	16.73	16.69	16.65		
20	16QAM	1	99	16.66	16.64	16.69		
20	16QAM	50	0	16.70	16.74	16.66	18.6	0
20	16QAM	50	24	16.70	16.75	16.66		
20	16QAM	50	50	16.77	16.63	16.74		
20	16QAM	100	0	16.67	16.71	16.76		
20	64QAM	1	0	16.82	16.90	16.88	18.6	0
20	64QAM	1	49	16.71	16.72	16.70		
20	64QAM	1	99	16.66	16.71	16.76		
20	64QAM	50	0	16.60	16.76	16.64	18.6	0
20	64QAM	50	24	16.73	16.72	16.60		
20	64QAM	50	50	16.67	16.66	16.74		
20	64QAM	100	0	16.68	16.79	16.77		
20	256QAM	1	0	16.85	16.88	16.84	18.6	0
20	256QAM	1	49	16.69	16.67	16.71		
20	256QAM	1	99	16.70	16.61	16.69		
20	256QAM	50	0	16.68	16.81	16.75	18.6	0
20	256QAM	50	24	16.64	16.67	16.70		
20	256QAM	50	50	16.65	16.72	16.71		
20	256QAM	100	0	16.71	16.76	16.74		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	16.95	16.96	16.94	18.6	0
15	QPSK	1	37	16.80	16.79	16.80		
15	QPSK	1	74	16.78	16.77	16.89		
15	QPSK	36	0	16.73	16.86	16.87	18.6	0
15	QPSK	36	20	16.83	16.82	16.72		
15	QPSK	36	39	16.77	16.84	16.88		
15	QPSK	75	0	16.82	16.89	16.88		
15	16QAM	1	0	16.77	16.83	16.76	18.6	0
15	16QAM	1	37	16.71	16.68	16.66		
15	16QAM	1	74	16.73	16.86	16.87		
15	16QAM	36	0	16.73	16.86	16.87	18.6	0
15	16QAM	36	20	16.71	16.72	16.67		
15	16QAM	36	39	16.73	16.86	16.87		
15	16QAM	75	0	16.68	16.64	16.74		
15	64QAM	1	0	16.77	16.82	16.90	18.6	0
15	64QAM	1	37	16.67	16.70	16.64		
15	64QAM	1	74	16.66	16.66	16.77		
15	64QAM	36	0	16.73	16.86	16.87	18.6	0
15	64QAM	36	20	16.73	16.86	16.87		
15	64QAM	36	39	16.63	16.68	16.74		
15	64QAM	75	0	16.66	16.75	16.78		
15	256QAM	1	0	16.81	16.82	16.84	18.6	0
15	256QAM	1	37	16.73	16.86	16.87		
15	256QAM	1	74	16.66	16.61	16.66		
15	256QAM	36	0	16.61	16.81	16.74	18.6	0
15	256QAM	36	20	16.63	16.63	16.69		
15	256QAM	36	39	16.60	16.73	16.62		
15	256QAM	75	0	16.64	16.70	16.74		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	16.87	16.97	16.99	18.6	0
10	QPSK	1	25	16.80	16.81	16.76		
10	QPSK	1	49	16.80	16.76	16.88		
10	QPSK	25	0	16.71	16.94	16.76	18.6	0
10	QPSK	25	12	16.86	16.88	16.73		
10	QPSK	25	25	16.76	16.77	16.89		
10	QPSK	50	0	16.82	16.86	16.81		
10	16QAM	1	0	16.84	16.86	16.82	18.6	0
10	16QAM	1	25	16.86	16.88	16.73		
10	16QAM	1	49	16.80	16.76	16.88		
10	16QAM	25	0	16.86	16.88	16.73	18.6	0
10	16QAM	25	12	16.66	16.71	16.64		
10	16QAM	25	25	16.75	16.65	16.69		
10	16QAM	50	0	16.66	16.66	16.78		
10	64QAM	1	0	16.81	16.84	16.85	18.6	0
10	64QAM	1	25	16.63	16.66	16.62		
10	64QAM	1	49	16.66	16.71	16.64		
10	64QAM	25	0	16.66	16.66	16.78	18.6	0
10	64QAM	25	12	16.65	16.72	16.60		
10	64QAM	25	25	16.69	16.62	16.72		
10	64QAM	50	0	16.69	16.74	16.79		
10	256QAM	1	0	16.86	16.81	16.85	18.6	0
10	256QAM	1	25	16.69	16.67	16.67		
10	256QAM	1	49	16.64	16.60	16.64		
10	256QAM	25	0	16.68	16.75	16.71	18.6	0
10	256QAM	25	12	16.65	16.72	16.60		
10	256QAM	25	25	16.69	16.67	16.67		
10	256QAM	50	0	16.65	16.72	16.72		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	16.90	16.91	16.90	18.6	0
5	QPSK	1	12	16.84	16.88	16.83		
5	QPSK	1	24	16.70	16.78	16.91		
5	QPSK	12	0	16.83	16.83	16.84	18.6	0
5	QPSK	12	7	16.83	16.79	16.81		
5	QPSK	12	13	16.72	16.85	16.85		
5	QPSK	25	0	16.79	16.94	16.81		
5	16QAM	1	0	16.83	16.85	16.80	18.6	0
5	16QAM	1	12	16.68	16.71	16.66		
5	16QAM	1	24	16.61	16.64	16.67		
5	16QAM	12	0	16.64	16.67	16.60	18.6	0
5	16QAM	12	7	16.66	16.75	16.67		
5	16QAM	12	13	16.69	16.63	16.68		
5	16QAM	25	0	16.67	16.70	16.79		
5	64QAM	1	0	16.76	16.83	16.89	18.6	0
5	64QAM	1	12	16.73	16.67	16.72		
5	64QAM	1	24	16.62	16.67	16.77		
5	64QAM	12	0	16.60	16.72	16.62	18.6	0
5	64QAM	12	7	16.76	16.83	16.89		
5	64QAM	12	13	16.62	16.67	16.66		
5	64QAM	25	0	16.71	16.80	16.70		
5	256QAM	1	0	16.77	16.83	16.76	18.6	0
5	256QAM	1	12	16.64	16.68	16.70		
5	256QAM	1	24	16.70	16.62	16.65		
5	256QAM	12	0	16.66	16.77	16.73	18.6	0
5	256QAM	12	7	16.62	16.67	16.77		
5	256QAM	12	13	16.62	16.64	16.73		
5	256QAM	25	0	16.62	16.72	16.67		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				44190	44215	44240		
Frequency (MHz)				3660	3662.5	3665		
20	QPSK	1	0	17.10	17.11	17.07	18.6	0
20	QPSK	1	49	16.90	16.81	16.87		
20	QPSK	1	99	16.85	16.81	16.99		
20	QPSK	50	0	16.96	17.00	16.89	18.6	0
20	QPSK	50	24	16.89	16.85	16.88		
20	QPSK	50	50	16.89	16.94	16.85		
20	QPSK	100	0	16.94	16.97	16.92		
20	16QAM	1	0	16.86	16.99	16.89	18.6	0
20	16QAM	1	49	16.72	16.72	16.80		
20	16QAM	1	99	16.75	16.69	16.80		
20	16QAM	50	0	16.74	16.90	16.74	18.6	0
20	16QAM	50	24	16.79	16.71	16.76		
20	16QAM	50	50	16.66	16.76	16.66		
20	16QAM	100	0	16.83	16.76	16.81		
20	64QAM	1	0	16.92	16.92	16.97	18.6	0
20	64QAM	1	49	16.73	16.76	16.77		
20	64QAM	1	99	16.86	16.70	16.89		
20	64QAM	50	0	16.82	16.79	16.88	18.6	0
20	64QAM	50	24	16.80	16.74	16.79		
20	64QAM	50	50	16.69	16.78	16.74		
20	64QAM	100	0	16.87	16.86	16.79		
20	256QAM	1	0	16.79	16.94	16.81	18.6	0
20	256QAM	1	49	16.71	16.79	16.71		
20	256QAM	1	99	16.75	16.67	16.76		
20	256QAM	50	0	16.74	16.86	16.79	18.6	0
20	256QAM	50	24	16.77	16.72	16.78		
20	256QAM	50	50	16.74	16.78	16.71		
20	256QAM	100	0	16.70	16.70	16.83		
Channel				44165	44215	44265	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3662.5	3667.5		
15	QPSK	1	0	17.06	16.97	16.95	18.6	0
15	QPSK	1	37	16.76	16.75	16.78		
15	QPSK	1	74	16.74	16.75	16.92		
15	QPSK	36	0	16.88	16.93	16.77	18.6	0
15	QPSK	36	20	16.80	16.72	16.77		
15	QPSK	36	39	16.81	16.89	16.80		
15	QPSK	75	0	16.90	16.92	16.81		
15	16QAM	1	0	16.76	16.90	16.80	18.6	0
15	16QAM	1	37	16.65	16.61	16.67		
15	16QAM	1	74	16.85	16.84	16.89		
15	16QAM	36	0	16.67	16.78	16.64	18.6	0
15	16QAM	36	20	16.72	16.66	16.66		
15	16QAM	36	39	16.85	16.84	16.89		
15	16QAM	75	0	16.75	16.68	16.76		
15	64QAM	1	0	16.85	16.84	16.89	18.6	0
15	64QAM	1	37	16.65	16.70	16.71		
15	64QAM	1	74	16.82	16.60	16.86		
15	64QAM	36	0	16.68	16.69	16.75	18.6	0
15	64QAM	36	20	16.76	16.90	16.80		
15	64QAM	36	39	16.85	16.84	16.89		
15	64QAM	75	0	16.84	16.83	16.73		
15	256QAM	1	0	16.69	16.88	16.69	18.6	0
15	256QAM	1	37	16.85	16.84	16.89		
15	256QAM	1	74	16.85	16.84	16.89		
15	256QAM	36	0	16.69	16.81	16.67	18.6	0
15	256QAM	36	20	16.88	16.93	16.77		
15	256QAM	36	39	16.85	16.70	16.64		
15	256QAM	75	0	16.85	16.84	16.89		
Channel				44140	44215	44290	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3655	3662.5	3670		
10	QPSK	1	0	17.00	17.06	16.97	18.6	0
10	QPSK	1	25	16.79	16.69	16.77		
10	QPSK	1	49	16.73	16.69	16.86		
10	QPSK	25	0	16.81	16.90	16.77	18.6	0
10	QPSK	25	12	16.80	16.85	16.85		
10	QPSK	25	25	16.80	16.79	16.80		
10	QPSK	50	0	16.83	16.88	16.84		
10	16QAM	1	0	16.72	16.88	16.76	18.6	0
10	16QAM	1	25	16.62	16.65	16.74		
10	16QAM	1	49	16.70	16.60	16.71		
10	16QAM	25	0	16.60	16.79	16.69	18.6	0
10	16QAM	25	12	16.84	16.87	16.88		
10	16QAM	25	25	16.79	16.66	16.79		
10	16QAM	50	0	16.70	16.62	16.75		
10	64QAM	1	0	16.86	16.85	16.89	18.6	0
10	64QAM	1	25	16.64	16.71	16.65		
10	64QAM	1	49	16.77	16.60	16.84		
10	64QAM	25	0	16.79	16.66	16.79	18.6	0
10	64QAM	25	12	16.70	16.65	16.70		
10	64QAM	25	25	16.63	16.73	16.67		
10	64QAM	50	0	16.81	16.72	16.73		
10	256QAM	1	0	16.75	16.81	16.76	18.6	0
10	256QAM	1	25	16.60	16.69	16.63		
10	256QAM	1	49	16.84	16.87	16.88		
10	256QAM	25	0	16.61	16.82	16.69	18.6	0
10	256QAM	25	12	16.70	16.66	16.72		
10	256QAM	25	25	16.66	16.74	16.63		
10	256QAM	50	0	16.60	16.67	16.69		
Channel				44115	44215	44315	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652.5	3662.5	3672.5		
5	QPSK	1	0	17.03	17.01	17.02	18.6	0
5	QPSK	1	12	16.81	16.76	16.73		
5	QPSK	1	24	16.82	16.77	16.89		
5	QPSK	12	0	16.91	16.92	16.83	18.6	0
5	QPSK	12	7	16.81	16.74	16.85		
5	QPSK	12	13	16.84	16.82	16.78		
5	QPSK	25	0	16.84	16.87	16.88		
5	16QAM	1	0	16.79	16.85	16.77	18.6	0
5	16QAM	1	12	16.62	16.64	16.76		
5	16QAM	1	24	16.84	16.87	16.88		
5	16QAM	12	0	16.79	16.66	16.79	18.6	0
5	16QAM	12	7	16.72	16.64	16.85		
5	16QAM	12	13	16.62	16.63	16.63		
5	16QAM	25	0	16.79	16.68	16.76		
5	64QAM	1	0	16.79	16.84	16.83	18.6	0
5	64QAM	1	12	16.63	16.61	16.64		
5	64QAM	1	24	16.72	16.64	16.85		
5	64QAM	12	0	16.76	16.67	16.74	18.6	0
5	64QAM	12	7	16.74	16.61	16.66		
5	64QAM	12	13	16.65	16.64	16.61		
5	64QAM	25	0	16.73	16.78	16.68		
5	256QAM	1	0	16.65	16.89	16.72	18.6	0
5	256QAM	1	12	16.67	16.64	16.68		
5	256QAM	1	24	16.72	16.64	16.85		
5	256QAM	12	0	16.61	16.78	16.71	18.6	0
5	256QAM	12	7	16.74	16.61	16.66		
5	256QAM	12	13	16.72	16.64	16.85		
5	256QAM	25	0	16.63	16.61	16.64		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3540	3609	3641	3690		
20	QPSK	1	0	17.13	17.15	17.12	17.10	18.6	0
20	QPSK	1	49	16.94	16.95	17.02	16.91		
20	QPSK	1	99	16.99	16.96	17.02	16.92		
20	QPSK	50	0	17.01	17.06	17.04	16.98	18.6	0
20	QPSK	50	24	17.01	16.95	17.02	16.93		
20	QPSK	50	50	16.94	17.04	16.99	16.98		
20	QPSK	100	0	17.04	17.05	17.02	17.05		
20	16QAM	1	0	16.96	17.04	16.97	16.94	18.6	0
20	16QAM	1	49	16.85	16.80	16.87	16.78		
20	16QAM	1	99	16.85	16.77	16.89	16.81		
20	16QAM	50	0	16.87	16.96	16.87	16.81	18.6	0
20	16QAM	50	24	16.85	16.76	16.82	16.74		
20	16QAM	50	50	16.73	16.89	16.78	16.81		
20	16QAM	100	0	16.94	16.87	16.86	16.92		
20	64QAM	1	0	16.97	16.99	17.02	16.96	18.6	0
20	64QAM	1	49	16.85	16.85	16.92	16.73		
20	64QAM	1	99	16.89	16.77	16.93	16.82		
20	64QAM	50	0	16.89	16.90	16.93	16.80	18.6	0
20	64QAM	50	24	16.87	16.84	16.85	16.74		
20	64QAM	50	50	16.82	16.89	16.82	16.88		
20	64QAM	100	0	16.90	16.93	16.88	16.90		
20	256QAM	1	0	16.94	17.04	16.92	16.93	18.6	0
20	256QAM	1	49	16.75	16.84	16.85	16.72		
20	256QAM	1	99	16.79	16.80	16.81	16.81		
20	256QAM	50	0	16.80	16.91	16.92	16.84	18.6	0
20	256QAM	50	24	16.88	16.84	16.91	16.79		
20	256QAM	50	50	16.83	16.84	16.82	16.88		
20	256QAM	100	0	16.85	16.85	16.88	16.88		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.06	17.08	17.06	17.01	18.6	0
15	QPSK	1	37	16.80	16.91	16.87	16.78		
15	QPSK	1	74	16.93	16.84	16.99	16.87		
15	QPSK	36	0	16.90	17.03	17.00	16.91	18.6	0
15	QPSK	36	20	16.87	16.91	16.90	16.88		
15	QPSK	36	39	16.80	16.98	16.86	16.87		
15	QPSK	75	0	16.96	16.96	16.89	16.98		
15	16QAM	1	0	16.86	16.94	16.89	16.84	18.6	0
15	16QAM	1	37	16.78	16.73	16.73	16.69		
15	16QAM	1	74	16.70	16.71	16.84	16.76		
15	16QAM	36	0	16.73	16.88	16.80	16.70	18.6	0
15	16QAM	36	20	16.70	16.65	16.67	16.63		
15	16QAM	36	39	16.67	16.82	16.75	16.73		
15	16QAM	75	0	16.85	16.82	16.77	16.85		
15	64QAM	1	0	16.87	16.92	16.97	16.87	18.6	0
15	64QAM	1	37	16.80	16.79	16.86	16.68		
15	64QAM	1	74	16.82	16.63	16.88	16.73		
15	64QAM	36	0	16.82	16.84	16.89	16.74	18.6	0
15	64QAM	36	20	16.74	16.78	16.76	16.67		
15	64QAM	36	39	16.74	16.83	16.72	16.81		
15	64QAM	75	0	16.86	16.79	16.77	16.78		
15	256QAM	1	0	16.82	16.91	16.79	16.82	18.6	0
15	256QAM	1	37	16.63	16.70	16.79	16.63		
15	256QAM	1	74	16.67	16.71	16.74	16.78		
15	256QAM	36	0	16.67	16.84	16.83	16.78	18.6	0
15	256QAM	36	20	16.83	16.80	16.83	16.69		
15	256QAM	36	39	16.70	16.77	16.68	16.75		
15	256QAM	75	0	16.78	16.77	16.82	16.81		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.98	17.03	17.06	17.05	18.6	0
10	QPSK	1	25	16.83	16.83	16.98	16.83		
10	QPSK	1	49	16.86	16.92	16.88	16.80		
10	QPSK	25	0	16.92	16.93	16.92	16.94	18.6	0
10	QPSK	25	12	16.88	16.84	16.92	16.80		
10	QPSK	25	25	16.91	16.97	16.91	16.93		
10	QPSK	50	0	16.89	16.98	16.97	16.98		
10	16QAM	1	0	16.85	16.98	16.89	16.84	18.6	0
10	16QAM	1	25	16.78	16.72	16.74	16.73		
10	16QAM	1	49	16.78	16.63	16.74	16.67		
10	16QAM	25	0	16.84	16.91	16.83	16.66	18.6	0
10	16QAM	25	12	16.79	16.63	16.70	16.63		
10	16QAM	25	25	16.67	16.85	16.69	16.78		
10	16QAM	50	0	16.81	16.79	16.79	16.87		
10	64QAM	1	0	16.91	16.91	16.97	16.83	18.6	0
10	64QAM	1	25	16.74	16.73	16.83	16.60		
10	64QAM	1	49	16.80	16.68	16.79	16.68		
10	64QAM	25	0	16.80	16.80	16.79	16.74	18.6	0
10	64QAM	25	12	16.74	16.80	16.77	16.68		
10	64QAM	25	25	16.73	16.75	16.76	16.77		
10	64QAM	50	0	16.79	16.83	16.83	16.83		
10	256QAM	1	0	16.90	16.93	16.78	16.88	18.6	0
10	256QAM	1	25	16.60	16.73	16.80	16.61		
10	256QAM	1	49	16.71	16.75	16.75	16.72		
10	256QAM	25	0	16.68	16.78	16.80	16.80	18.6	0
10	256QAM	25	12	16.79	16.77	16.79	16.71		
10	256QAM	25	25	16.79	16.74	16.79	16.74		
10	256QAM	50	0	16.74	16.81	16.84	16.74		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652.5	3607	3643	3697.5		
5	QPSK	1	0	17.05	17.01	17.05	16.96	18.6	0
5	QPSK	1	12	16.82	16.86	16.96	16.77		
5	QPSK	1	24	16.87	16.82	16.93	16.78		
5	QPSK	12	0	16.92	17.01	16.96	16.88	18.6	0
5	QPSK	12	7	16.92	16.92	16.91	16.80		
5	QPSK	12	13	16.87	17.00	16.94	16.92		
5	QPSK	25	0	16.95	16.92	16.90	16.93		
5	16QAM	1	0	16.82	16.97	16.86	16.91	18.6	0
5	16QAM	1	12	16.71	16.72	16.82	16.72		
5	16QAM	1	24	16.76	16.67	16.81	16.75		
5	16QAM	12	0	16.82	16.89	16.80	16.66	18.6	0
5	16QAM	12	7	16.73	16.68	16.70	16.63		
5	16QAM	12	13	16.66	16.80	16.67	16.67		
5	16QAM	25	0	16.82	16.78	16.79	16.89		
5	64QAM	1	0	16.89	16.95	16.90	16.82	18.6	0
5	64QAM	1	12	16.81	16.75	16.86	16.69		
5	64QAM	1	24	16.80	16.67	16.85	16.77		
5	64QAM	12	0	16.75	16.84	16.79	16.69	18.6	0
5	64QAM	12	7	16.76	16.72	16.71	16.69		
5	64QAM	12	13	16.67	16.77	16.72	16.77		
5	64QAM	25	0	16.75	16.90	16.84	16.80		
5	256QAM	1	0	16.88	17.01	16.84	16.81	18.6	0
5	256QAM	1	12	16.64	16.76	16.81	16.60		
5	256QAM	1	24	16.73	16.75	16.77	16.75		
5	256QAM	12	0	16.75	16.81	16.89	16.74	18.6	0
5	256QAM	12	7	16.74	16.80	16.82	16.72		
5	256QAM	12	13	16.74	16.74	16.78	16.78		
5	256QAM	25	0	16.80	16.73	16.76	16.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.98	17.02	16.95	18	0
20	QPSK	1	49	16.81	16.86	16.86		
20	QPSK	1	99	16.89	16.87	16.84		
20	QPSK	50	0	16.90	16.96	16.88	18	0
20	QPSK	50	24	16.82	16.90	16.79		
20	QPSK	50	50	16.83	16.83	16.80		
20	QPSK	100	0	16.91	16.92	16.84		
20	16QAM	1	0	16.89	16.91	16.83	18	0
20	16QAM	1	49	16.76	16.72	16.77		
20	16QAM	1	99	16.78	16.75	16.79		
20	16QAM	50	0	16.86	16.83	16.85	18	0
20	16QAM	50	24	16.70	16.85	16.65		
20	16QAM	50	50	16.75	16.78	16.76		
20	16QAM	100	0	16.78	16.86	16.81		
20	64QAM	1	0	16.92	16.95	16.83	18	0
20	64QAM	1	49	16.73	16.76	16.81		
20	64QAM	1	99	16.85	16.76	16.74		
20	64QAM	50	0	16.76	16.87	16.82	18	0
20	64QAM	50	24	16.68	16.83	16.67		
20	64QAM	50	50	16.72	16.77	16.70		
20	64QAM	100	0	16.83	16.86	16.77		
20	256QAM	1	0	16.95	16.91	16.86	18	0
20	256QAM	1	49	16.73	16.77	16.79		
20	256QAM	1	99	16.79	16.81	16.75		
20	256QAM	50	0	16.76	16.81	16.84	18	0
20	256QAM	50	24	16.71	16.78	16.73		
20	256QAM	50	50	16.72	16.74	16.73		
20	256QAM	100	0	16.80	16.81	16.80		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.94	16.94	16.92	18	0
15	QPSK	1	37	16.73	16.80	16.72		
15	QPSK	1	74	16.77	16.83	16.71		
15	QPSK	36	0	16.85	16.92	16.77	18	0
15	QPSK	36	20	16.75	16.84	16.71		
15	QPSK	36	39	16.78	16.76	16.68		
15	QPSK	75	0	16.88	16.77	16.81		
15	16QAM	1	0	16.86	16.87	16.74	18	0
15	16QAM	1	37	16.68	16.67	16.71		
15	16QAM	1	74	16.73	16.63	16.67		
15	16QAM	36	0	16.80	16.72	16.79	18	0
15	16QAM	36	20	16.56	16.79	16.58		
15	16QAM	36	39	16.72	16.66	16.72		
15	16QAM	75	0	16.70	16.79	16.71		
15	64QAM	1	0	16.84	16.81	16.78	18	0
15	64QAM	1	37	16.66	16.62	16.74		
15	64QAM	1	74	16.71	16.71	16.70		
15	64QAM	36	0	16.63	16.78	16.78	18	0
15	64QAM	36	20	16.65	16.74	16.56		
15	64QAM	36	39	16.59	16.68	16.64		
15	64QAM	75	0	16.73	16.81	16.64		
15	256QAM	1	0	16.86	16.84	16.74	18	0
15	256QAM	1	37	16.58	16.64	16.65		
15	256QAM	1	74	16.70	16.71	16.69		
15	256QAM	36	0	16.71	16.73	16.75	18	0
15	256QAM	36	20	16.63	16.63	16.64		
15	256QAM	36	39	16.68	16.68	16.61		
15	256QAM	75	0	16.68	16.75	16.70		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.87	16.95	16.87	18	0
10	QPSK	1	25	16.75	16.75	16.73		
10	QPSK	1	49	16.86	16.80	16.81		
10	QPSK	25	0	16.87	16.93	16.77	18	0
10	QPSK	25	12	16.73	16.85	16.67		
10	QPSK	25	25	16.76	16.76	16.65		
10	QPSK	50	0	16.82	16.81	16.76		
10	16QAM	1	0	16.79	16.86	16.68	18	0
10	16QAM	1	25	16.71	16.61	16.72		
10	16QAM	1	49	16.69	16.70	16.70		
10	16QAM	25	0	16.75	16.76	16.72	18	0
10	16QAM	25	12	16.66	16.73	16.57		
10	16QAM	25	25	16.63	16.71	16.71		
10	16QAM	50	0	16.65	16.78	16.74		
10	64QAM	1	0	16.87	16.88	16.78	18	0
10	64QAM	1	25	16.65	16.70	16.73		
10	64QAM	1	49	16.73	16.61	16.70		
10	64QAM	25	0	16.65	16.75	16.74	18	0
10	64QAM	25	12	16.63	16.78	16.64		
10	64QAM	25	25	16.59	16.71	16.57		
10	64QAM	50	0	16.75	16.80	16.64		
10	256QAM	1	0	16.80	16.82	16.79	18	0
10	256QAM	1	25	16.70	16.68	16.72		
10	256QAM	1	49	16.73	16.71	16.72		
10	256QAM	25	0	16.69	16.70	16.73	18	0
10	256QAM	25	12	16.68	16.72	16.70		
10	256QAM	25	25	16.64	16.63	16.62		
10	256QAM	50	0	16.68	16.72	16.76		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.92	16.88	16.91	18	0
5	QPSK	1	12	16.67	16.79	16.79		
5	QPSK	1	24	16.79	16.79	16.75		
5	QPSK	12	0	16.76	16.93	16.80	18	0
5	QPSK	12	7	16.77	16.76	16.75		
5	QPSK	12	13	16.74	16.70	16.73		
5	QPSK	25	0	16.87	16.87	16.73		
5	16QAM	1	0	16.74	16.77	16.78	18	0
5	16QAM	1	12	16.64	16.69	16.71		
5	16QAM	1	24	16.63	16.61	16.66		
5	16QAM	12	0	16.79	16.73	16.79	18	0
5	16QAM	12	7	16.58	16.71	16.58		
5	16QAM	12	13	16.68	16.74	16.69		
5	16QAM	25	0	16.65	16.73	16.70		
5	64QAM	1	0	16.77	16.87	16.72	18	0
5	64QAM	1	12	16.59	16.64	16.72		
5	64QAM	1	24	16.74	16.73	16.69		
5	64QAM	12	0	16.72	16.78	16.70	18	0
5	64QAM	12	7	16.57	16.72	16.57		
5	64QAM	12	13	16.58	16.74	16.56		
5	64QAM	25	0	16.80	16.78	16.64		
5	256QAM	1	0	16.85	16.77	16.78	18	0
5	256QAM	1	12	16.60	16.73	16.64		
5	256QAM	1	24	16.76	16.67	16.70		
5	256QAM	12	0	16.64	16.76	16.76	18	0
5	256QAM	12	7	16.67	16.70	16.62		
5	256QAM	12	13	16.65	16.66	16.69		
5	256QAM	25	0	16.68	16.71	16.70		

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BW [MHz]	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	18.21	18.30	18.27	19.2	0
20	QPSK	1	49	18.04	18.10	18.19		
20	QPSK	1	99	18.05	18.11	18.13		
20	QPSK	50	0	18.21	18.20	18.14	19.2	0
20	QPSK	50	24	18.05	18.12	18.17		
20	QPSK	50	50	18.06	18.16	18.03		
20	QPSK	100	0	18.14	18.12	18.17		
20	16QAM	1	0	18.18	18.10	18.07	19.2	0
20	16QAM	1	49	18.05	18.09	18.09		
20	16QAM	1	99	18.05	18.05	17.96		
20	16QAM	50	0	18.10	18.14	18.11	19.2	0
20	16QAM	50	24	18.02	18.03	18.05		
20	16QAM	50	50	17.92	18.07	18.01		
20	16QAM	100	0	18.08	18.14	18.06		
20	64QAM	1	0	18.17	18.12	18.18	19.2	0
20	64QAM	1	49	17.99	18.05	18.09		
20	64QAM	1	99	17.96	18.06	18.15		
20	64QAM	50	0	18.03	18.16	18.14	19.2	0
20	64QAM	50	24	17.92	18.05	17.98		
20	64QAM	50	50	17.92	18.19	17.98		
20	64QAM	100	0	18.17	18.02	18.17		
20	256QAM	1	0	17.98	18.08	17.92	19	0.2
20	256QAM	1	49	17.74	17.84	17.93		
20	256QAM	1	99	17.78	17.84	17.79		
20	256QAM	50	0	17.86	17.90	17.93	19	0.2
20	256QAM	50	24	17.76	17.83	17.87		
20	256QAM	50	50	17.79	17.89	17.83		
20	256QAM	100	0	17.98	17.97	17.90		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.18	18.25	18.24	19.2	0
15	QPSK	1	37	17.96	18.05	18.13		
15	QPSK	1	74	17.99	18.11	18.01		
15	QPSK	36	0	18.14	18.10	18.10	19.2	0
15	QPSK	36	20	18.04	18.01	18.07		
15	QPSK	36	39	17.96	18.07	17.99		
15	QPSK	75	0	18.03	18.08	18.11		
15	16QAM	1	0	18.12	18.09	18.01	19.2	0
15	16QAM	1	37	17.96	18.09	17.97		
15	16QAM	1	74	18.04	18.02	17.84		
15	16QAM	36	0	18.03	18.04	18.05	19.2	0
15	16QAM	36	20	17.99	17.97	17.95		
15	16QAM	36	39	17.84	18.05	17.97		
15	16QAM	75	0	18.07	18.07	18.03		
15	64QAM	1	0	18.10	18.05	18.11	19.2	0
15	64QAM	1	37	17.92	17.95	17.98		
15	64QAM	1	74	17.95	17.97	18.04		
15	64QAM	36	0	18.00	18.14	18.10	19.2	0
15	64QAM	36	20	17.84	18.04	17.92		
15	64QAM	36	39	17.90	18.08	17.94		
15	64QAM	75	0	18.07	17.98	18.11		
15	256QAM	1	0	17.88	18.04	17.82	19	0.2
15	256QAM	1	37	17.65	17.72	17.90		
15	256QAM	1	74	17.70	17.76	17.73		
15	256QAM	36	0	17.79	17.87	17.92	19	0.2
15	256QAM	36	20	17.68	17.71	17.82		
15	256QAM	36	39	17.69	17.82	17.83		
15	256QAM	75	0	17.94	17.91	17.85		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.15	18.20	18.23	19.2	0
10	QPSK	1	25	18.02	18.02	18.12		
10	QPSK	1	49	17.96	17.99	18.11		
10	QPSK	25	0	18.19	18.17	18.07	19.2	0
10	QPSK	25	12	17.94	18.04	18.07		
10	QPSK	25	25	17.99	18.13	17.99		
10	QPSK	50	0	18.05	18.11	18.16		
10	16QAM	1	0	18.07	18.04	18.01	19.2	0
10	16QAM	1	25	17.95	18.04	18.00		
10	16QAM	1	49	17.97	17.97	17.95		
10	16QAM	25	0	18.01	18.05	18.03	19.2	0
10	16QAM	25	12	18.01	17.93	17.97		
10	16QAM	25	25	17.86	17.98	17.94		
10	16QAM	50	0	18.01	18.06	18.05		
10	64QAM	1	0	18.15	18.11	18.16	19.2	0
10	64QAM	1	25	17.94	18.02	18.01		
10	64QAM	1	49	17.94	18.05	18.09		
10	64QAM	25	0	17.94	18.14	18.09	19.2	0
10	64QAM	25	12	17.91	18.01	17.87		
10	64QAM	25	25	17.81	18.12	17.97		
10	64QAM	50	0	18.06	17.92	18.07		
10	256QAM	1	0	17.97	18.03	17.82	19	0.2
10	256QAM	1	25	17.71	17.76	17.91		
10	256QAM	1	49	17.71	17.74	17.74		
10	256QAM	25	0	17.77	17.84	17.88	19	0.2
10	256QAM	25	12	17.69	17.77	17.81		
10	256QAM	25	25	17.77	17.79	17.73		
10	256QAM	50	0	17.93	17.96	17.89		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.09	18.19	18.17	19.2	0
5	QPSK	1	12	18.02	18.10	18.12		
5	QPSK	1	24	18.04	18.02	18.13		
5	QPSK	12	0	18.13	18.17	18.03	19.2	0
5	QPSK	12	7	17.93	18.06	18.12		
5	QPSK	12	13	17.99	18.10	17.97		
5	QPSK	25	0	18.04	18.00	18.07		
5	16QAM	1	0	18.07	17.99	17.95	19.2	0
5	16QAM	1	12	18.01	18.04	18.00		
5	16QAM	1	24	17.96	18.00	17.93		
5	16QAM	12	0	18.07	18.05	18.01	19.2	0
5	16QAM	12	7	17.92	17.97	18.01		
5	16QAM	12	13	17.80	17.98	17.97		
5	16QAM	25	0	18.05	18.14	18.04		
5	64QAM	1	0	18.17	18.12	18.09	19.2	0
5	64QAM	1	12	17.92	17.96	18.01		
5	64QAM	1	24	17.95	17.99	18.11		
5	64QAM	12	0	17.94	18.04	18.03	19.2	0
5	64QAM	12	7	17.82	17.97	17.89		
5	64QAM	12	13	17.87	18.09	17.97		
5	64QAM	25	0	18.16	18.00	18.07		
5	256QAM	1	0	17.94	18.02	17.80	19	0.2
5	256QAM	1	12	17.70	17.73	17.83		
5	256QAM	1	24	17.78	17.79	17.75		
5	256QAM	12	0	17.75	17.83	17.84	19	0.2
5	256QAM	12	7	17.69	17.73	17.82		
5	256QAM	12	13	17.75	17.87	17.78		
5	256QAM	25	0	17.92	17.94	17.90		

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BW [MHz]	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	19.93	19.93	19.84	20.8	0
20	QPSK	1	49	19.73	19.86	19.69		
20	QPSK	1	99	19.72	19.69	19.79		
20	QPSK	50	0	19.74	19.88	19.81	20.8	0
20	QPSK	50	24	19.70	19.70	19.77		
20	QPSK	50	50	19.73	19.83	19.76		
20	QPSK	100	0	19.83	19.87	19.83		
20	16QAM	1	0	19.83	19.77	19.82	20.8	0
20	16QAM	1	49	19.57	19.73	19.62		
20	16QAM	1	99	19.73	19.67	19.63		
20	16QAM	50	0	19.65	19.81	19.72	20.8	0
20	16QAM	50	24	19.71	19.64	19.70		
20	16QAM	50	50	19.56	19.69	19.66		
20	16QAM	100	0	19.65	19.74	19.73		
20	64QAM	1	0	19.87	19.87	19.77	20.8	0
20	64QAM	1	49	19.70	19.68	19.53		
20	64QAM	1	99	19.68	19.59	19.73		
20	64QAM	50	0	19.66	19.71	19.72	20.8	0
20	64QAM	50	24	19.67	19.58	19.70		
20	64QAM	50	50	19.57	19.72	19.72		
20	64QAM	100	0	19.65	19.85	19.62		
20	256QAM	1	0	19.75	19.80	19.88	20.8	0
20	256QAM	1	49	19.49	19.68	19.61		
20	256QAM	1	99	19.76	19.62	19.67		
20	256QAM	50	0	19.77	19.84	19.79	20.8	0
20	256QAM	50	24	19.67	19.62	19.67		
20	256QAM	50	50	19.66	19.65	19.64		
20	256QAM	100	0	19.74	19.79	19.67		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.92	19.87	19.83	20.8	0
15	QPSK	1	37	19.69	19.75	19.57		
15	QPSK	1	74	19.65	19.64	19.70		
15	QPSK	36	0	19.67	19.82	19.77	20.8	0
15	QPSK	36	20	19.69	19.63	19.71		
15	QPSK	36	39	19.66	19.77	19.73		
15	QPSK	75	0	19.81	19.81	19.80		
15	16QAM	1	0	19.74	19.66	19.73	20.8	0
15	16QAM	1	37	19.47	19.70	19.51		
15	16QAM	1	74	19.63	19.62	19.55		
15	16QAM	36	0	19.56	19.77	19.66	20.8	0
15	16QAM	36	20	19.66	19.62	19.61		
15	16QAM	36	39	19.53	19.58	19.58		
15	16QAM	75	0	19.57	19.73	19.73		
15	64QAM	1	0	19.87	19.85	19.70	20.8	0
15	64QAM	1	37	19.69	19.66	19.42		
15	64QAM	1	74	19.59	19.48	19.66		
15	64QAM	36	0	19.55	19.59	19.61	20.8	0
15	64QAM	36	20	19.57	19.50	19.61		
15	64QAM	36	39	19.50	19.67	19.70		
15	64QAM	75	0	19.60	19.81	19.57		
15	256QAM	1	0	19.74	19.74	19.82	20.8	0
15	256QAM	1	37	19.42	19.66	19.49		
15	256QAM	1	74	19.72	19.61	19.57		
15	256QAM	36	0	19.73	19.79	19.76	20.8	0
15	256QAM	36	20	19.66	19.53	19.66		
15	256QAM	36	39	19.63	19.63	19.63		
15	256QAM	75	0	19.69	19.75	19.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.81	19.82	19.76	20.8	0
10	QPSK	1	25	19.67	19.83	19.60		
10	QPSK	1	49	19.65	19.60	19.71		
10	QPSK	25	0	19.66	19.84	19.74	20.8	0
10	QPSK	25	12	19.63	19.68	19.69		
10	QPSK	25	25	19.65	19.78	19.68		
10	QPSK	50	0	19.81	19.80	19.74		
10	16QAM	1	0	19.77	19.69	19.72	20.8	0
10	16QAM	1	25	19.49	19.69	19.59		
10	16QAM	1	49	19.70	19.66	19.54		
10	16QAM	25	0	19.61	19.76	19.69	20.8	0
10	16QAM	25	12	19.63	19.62	19.63		
10	16QAM	25	25	19.45	19.58	19.57		
10	16QAM	50	0	19.55	19.72	19.62		
10	64QAM	1	0	19.75	19.82	19.70	20.8	0
10	64QAM	1	25	19.63	19.59	19.44		
10	64QAM	1	49	19.61	19.48	19.73		
10	64QAM	25	0	19.56	19.60	19.72	20.8	0
10	64QAM	25	12	19.62	19.47	19.69		
10	64QAM	25	25	19.47	19.66	19.68		
10	64QAM	50	0	19.64	19.75	19.61		
10	256QAM	1	0	19.73	19.79	19.87	20.8	0
10	256QAM	1	25	19.44	19.62	19.54		
10	256QAM	1	49	19.64	19.53	19.66		
10	256QAM	25	0	19.74	19.79	19.72	20.8	0
10	256QAM	25	12	19.62	19.50	19.62		
10	256QAM	25	25	19.66	19.54	19.55		
10	256QAM	50	0	19.65	19.68	19.59		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.92	19.92	19.81	20.8	0
5	QPSK	1	12	19.62	19.85	19.60		
5	QPSK	1	24	19.64	19.62	19.73		
5	QPSK	12	0	19.64	19.85	19.75	20.8	0
5	QPSK	12	7	19.69	19.65	19.69		
5	QPSK	12	13	19.69	19.71	19.71		
5	QPSK	25	0	19.82	19.86	19.80		
5	16QAM	1	0	19.76	19.74	19.79	20.8	0
5	16QAM	1	12	19.49	19.63	19.59		
5	16QAM	1	24	19.65	19.62	19.57		
5	16QAM	12	0	19.65	19.73	19.61	20.8	0
5	16QAM	12	7	19.62	19.63	19.63		
5	16QAM	12	13	19.50	19.61	19.55		
5	16QAM	25	0	19.54	19.66	19.66		
5	64QAM	1	0	19.81	19.80	19.70	20.8	0
5	64QAM	1	12	19.67	19.59	19.52		
5	64QAM	1	24	19.61	19.53	19.70		
5	64QAM	12	0	19.65	19.59	19.71	20.8	0
5	64QAM	12	7	19.62	19.47	19.61		
5	64QAM	12	13	19.57	19.64	19.66		
5	64QAM	25	0	19.64	19.80	19.51		
5	256QAM	1	0	19.65	19.79	19.87	20.8	0
5	256QAM	1	12	19.38	19.61	19.60		
5	256QAM	1	24	19.72	19.61	19.56		
5	256QAM	12	0	19.70	19.82	19.75	20.8	0
5	256QAM	12	7	19.65	19.61	19.58		
5	256QAM	12	13	19.61	19.59	19.64		
5	256QAM	25	0	19.69	19.68	19.57		

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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	2548.5	2593	2636.5	2680		
20	QPSK	1	0	18.28	18.26	18.32	18.30	18.25	19.2	0
20	QPSK	1	49	18.13	18.08	18.17	18.19	18.06		
20	QPSK	1	99	18.16	18.13	18.13	18.17	18.16		
20	QPSK	50	0	18.26	18.21	18.30	18.26	18.15	19.2	0
20	QPSK	50	24	18.13	18.10	18.17	18.17	18.16		
20	QPSK	50	50	18.10	18.07	18.20	18.13	18.12		
20	QPSK	100	0	18.21	18.21	18.23	18.20	18.18		
20	16QAM	1	0	18.26	18.19	18.20	18.19	18.23	19.2	0
20	16QAM	1	49	18.02	18.06	18.12	18.14	17.97		
20	16QAM	1	99	18.12	18.06	18.05	18.05	18.09		
20	16QAM	50	0	18.14	18.15	18.22	18.21	18.13	19.2	0
20	16QAM	50	24	18.12	18.08	18.11	18.14	18.10		
20	16QAM	50	50	18.00	17.99	18.18	18.04	18.12		
20	16QAM	100	0	18.13	18.20	18.15	18.11	18.08		
20	64QAM	1	0	18.17	18.18	18.20	18.20	18.17	19.2	0
20	64QAM	1	49	18.07	18.00	18.14	18.13	18.04		
20	64QAM	1	99	18.09	18.06	18.08	18.16	18.11		
20	64QAM	50	0	18.18	18.11	18.24	18.25	18.13	19.2	0
20	64QAM	50	24	18.08	18.01	18.13	18.09	18.14		
20	64QAM	50	50	18.06	17.97	18.19	18.04	18.06		
20	64QAM	100	0	18.17	18.19	18.12	18.17	18.16		
20	256QAM	1	0	18.03	18.02	18.09	18.01	18.01	19	0.2
20	256QAM	1	49	17.92	17.77	17.87	17.99	17.85		
20	256QAM	1	99	17.92	17.85	17.89	17.89	17.96		
20	256QAM	50	0	17.99	17.91	17.99	17.97	17.83	19	0.2
20	256QAM	50	24	17.89	17.85	17.90	17.91	17.89		
20	256QAM	50	50	17.88	17.83	17.90	17.92	17.81		
20	256QAM	100	0	17.99	18.01	18.02	17.91	17.95		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.24	18.26	18.26	18.25	18.20	19.20	0
15	QPSK	1	37	18.13	17.97	18.12	18.10	17.94		
15	QPSK	1	74	18.06	18.07	18.03	18.10	18.12		
15	QPSK	36	0	18.19	18.17	18.23	18.22	18.06	19.2	0
15	QPSK	36	20	18.02	18.04	18.05	18.06	18.15		
15	QPSK	36	39	18.00	18.05	18.12	18.04	18.01		
15	QPSK	75	0	18.13	18.10	18.16	18.11	18.12		
15	16QAM	1	0	18.19	18.18	18.17	18.10	18.17	19.2	0
15	16QAM	1	37	18.02	18.05	18.08	18.12	17.90		
15	16QAM	1	74	18.06	18.07	18.04	17.99	18.05		
15	16QAM	36	0	18.04	18.07	18.14	18.16	18.04	19.2	0
15	16QAM	36	20	18.07	18.03	18.05	18.03	18.04		
15	16QAM	36	39	17.92	17.89	18.08	17.97	18.00		
15	16QAM	75	0	18.04	18.15	18.10	18.09	18.08		
15	64QAM	1	0	18.06	18.15	18.11	18.16	18.16	19.2	0
15	64QAM	1	37	18.00	17.98	18.06	18.11	17.93		
15	64QAM	1	74	18.03	17.95	18.07	18.11	18.03		
15	64QAM	36	0	18.18	18.08	18.14	18.21	18.02	19.2	0
15	64QAM	36	20	18.02	17.96	18.05	18.08	18.11		
15	64QAM	36	39	17.95	17.87	18.12	17.98	18.05		
15	64QAM	75	0	18.14	18.12	18.01	18.05	18.14		
15	256QAM	1	0	18.00	17.99	17.99	18.01	17.90	19	0.2
15	256QAM	1	37	17.90	17.72	17.84	17.96	17.84		
15	256QAM	1	74	17.85	17.81	17.78	17.83	17.85		
15	256QAM	36	0	17.97	17.85	17.90	17.87	17.79	19	0.2
15	256QAM	36	20	17.78	17.85	17.88	17.84	17.82		
15	256QAM	36	39	17.79	17.80	17.83	17.82	17.80		
15	256QAM	75	0	17.90	18.01	17.96	17.88	17.93		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.23	18.26	18.27	18.20	18.24	19.20	0
10	QPSK	1	25	18.13	18.00	18.09	18.12	18.03		
10	QPSK	1	49	18.15	18.05	18.03	18.12	18.05		
10	QPSK	25	0	18.23	18.11	18.18	18.21	18.12	19.2	0
10	QPSK	25	12	18.11	18.00	18.08	18.06	18.10		
10	QPSK	25	25	18.01	17.97	18.15	18.02	18.05		
10	QPSK	50	0	18.14	18.19	18.21	18.19	18.15		
10	16QAM	1	0	18.16	18.17	18.19	18.15	18.13	19.2	0
10	16QAM	1	25	17.91	18.06	18.05	18.10	17.86		
10	16QAM	1	49	18.11	18.07	18.01	17.98	18.04		
10	16QAM	25	0	18.02	18.12	18.13	18.16	18.09	19.2	0
10	16QAM	25	12	18.12	17.98	18.09	18.04	18.03		
10	16QAM	25	25	17.96	17.94	18.06	18.00	18.08		
10	16QAM	50	0	18.13	18.09	18.06	18.00	18.02		
10	64QAM	1	0	18.06	18.08	18.09	18.13	18.11	19.2	0
10	64QAM	1	25	17.97	17.88	18.06	18.10	18.01		
10	64QAM	1	49	18.08	17.99	18.01	18.15	18.05		
10	64QAM	25	0	18.15	18.10	18.13	18.15	18.02	19.2	0
10	64QAM	25	12	17.98	17.90	18.10	18.06	18.06		
10	64QAM	25	25	17.98	17.86	18.11	18.03	17.94		
10	64QAM	50	0	18.08	18.13	18.07	18.06	18.14		
10	256QAM	1	0	17.93	17.97	18.02	17.96	17.93	19	0.2
10	256QAM	1	25	17.91	17.72	17.85	17.91	17.76		
10	256QAM	1	49	17.88	17.78	17.86	17.80	17.92		
10	256QAM	25	0	17.93	17.85	17.92	17.87	17.74	19	0.2
10	256QAM	25	12	17.83	17.78	17.84	17.85	17.78		
10	256QAM	25	25	17.96	17.82	17.82	17.82	17.72		
10	256QAM	50	0	17.90	17.97	17.98	17.89	17.93		
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	18.20	18.26	18.24	18.28	18.19	19.20	0
5	QPSK	1	12	18.07	17.99	18.11	18.12	17.96		
5	QPSK	1	24	18.14	18.11	18.13	18.13	18.14		
5	QPSK	12	0	18.15	18.20	18.19	18.17	18.10	19.2	0
5	QPSK	12	7	18.09	18.01	18.13	18.12	18.08		
5	QPSK	12	13	18.07	17.98	18.19	18.12	18.07		
5	QPSK	25	0	18.21	18.20	18.22	18.14	18.18	19.2	0
5	16QAM	1	0	18.18	18.10	18.14	18.10	18.20		
5	16QAM	1	12	18.00	17.96	18.10	18.09	17.92		
5	16QAM	1	24	18.09	18.00	18.05	18.05	18.03		
5	16QAM	12	0	18.04	18.09	18.15	18.14	18.01	19.2	0
5	16QAM	12	7	18.10	18.08	18.10	18.09	18.09		
5	16QAM	12	13	17.98	17.95	18.08	17.94	18.00		
5	16QAM	25	0	18.10	18.16	18.08	18.05	18.05	19.2	0
5	64QAM	1	0	18.08	18.14	18.19	18.17	18.15		
5	64QAM	1	12	17.98	17.90	18.14	18.05	17.95		
5	64QAM	1	24	18.07	18.03	18.00	18.06	18.01		
5	64QAM	12	0	18.13	18.05	18.13	18.21	18.02	19.2	0
5	64QAM	12	7	18.01	17.96	18.11	18.01	18.11		
5	64QAM	12	13	17.95	17.95	18.11	18.01	17.99		
5	64QAM	25	0	18.09	18.08	18.06	18.06	18.16		
5	256QAM	1	0	18.01	18.01	18.05	17.94	17.95	19	0.2
5	256QAM	1	12	17.94	17.73	17.78	17.97	17.81		
5	256QAM	1	24	17.89	17.78	17.80	17.78	17.86		
5	256QAM	12	0	17.91	17.86	17.87	17.93	17.72	19	0.2
5	256QAM	12	7	17.84	17.80	17.79	17.88	17.87		
5	256QAM	12	13	17.77	17.75	17.84	17.86	17.77		
5	256QAM	25	0	17.87	17.97	17.95	17.90	17.86		

Band 41 HPUE Ant 10 DSI7

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	2548.5	2593	2636.5	2680		
20	QPSK	1	0	19.91	19.94	19.96	19.95	19.89	20.8	0
20	QPSK	1	49	19.74	19.74	19.86	19.75	19.75		
20	QPSK	1	99	19.74	19.83	19.77	19.86	19.68		
20	QPSK	50	0	19.85	19.86	19.92	19.85	19.81	20.8	0
20	QPSK	50	24	19.71	19.78	19.76	19.82	19.73		
20	QPSK	50	50	19.75	19.74	19.84	19.78	19.76		
20	QPSK	100	0	19.84	19.86	19.89	19.84	19.87		
20	16QAM	1	0	19.88	19.83	19.88	19.90	19.85	20.8	0
20	16QAM	1	49	19.70	19.85	19.82	19.62	19.66		
20	16QAM	1	99	19.65	19.76	19.73	19.73	19.56		
20	16QAM	50	0	19.73	19.76	19.88	19.77	19.77	20.8	0
20	16QAM	50	24	19.62	19.73	19.66	19.71	19.61		
20	16QAM	50	50	19.65	19.66	19.69	19.70	19.69		
20	16QAM	100	0	19.77	19.76	19.76	19.76	19.83		
20	64QAM	1	0	19.81	19.91	19.93	19.84	19.83	20.8	0
20	64QAM	1	49	19.70	19.70	19.74	19.61	19.65		
20	64QAM	1	99	19.68	19.73	19.62	19.82	19.61		
20	64QAM	50	0	19.72	19.78	19.79	19.79	19.67	20.8	0
20	64QAM	50	24	19.68	19.69	19.63	19.75	19.60		
20	64QAM	50	50	19.70	19.64	19.80	19.74	19.72		
20	64QAM	100	0	19.75	19.71	19.86	19.73	19.77		
20	256QAM	1	0	19.78	19.82	19.91	19.90	19.81	20.8	0
20	256QAM	1	49	19.71	19.60	19.76	19.69	19.66		
20	256QAM	1	99	19.59	19.78	19.65	19.72	19.62		
20	256QAM	50	0	19.75	19.82	19.85	19.81	19.74	20.8	0
20	256QAM	50	24	19.66	19.70	19.64	19.76	19.65		
20	256QAM	50	50	19.60	19.66	19.74	19.74	19.71		
20	256QAM	100	0	19.69	19.80	19.83	19.78	19.75		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.90	19.88	19.94	19.94	19.80	20.80	0
15	QPSK	1	37	19.66	19.64	19.84	19.71	19.71		
15	QPSK	1	74	19.67	19.76	19.67	19.80	19.57		
15	QPSK	36	0	19.85	19.79	19.88	19.83	19.73	20.8	0
15	QPSK	36	20	19.61	19.75	19.64	19.73	19.65		
15	QPSK	36	39	19.67	19.73	19.73	19.67	19.71		
15	QPSK	75	0	19.82	19.82	19.79	19.80	19.77		
15	16QAM	1	0	19.85	19.76	19.77	19.82	19.76	20.8	0
15	16QAM	1	37	19.64	19.67	19.80	19.62	19.58		
15	16QAM	1	74	19.56	19.69	19.66	19.68	19.51		
15	16QAM	36	0	19.68	19.70	19.86	19.71	19.73	20.8	0
15	16QAM	36	20	19.53	19.61	19.61	19.64	19.54		
15	16QAM	36	39	19.54	19.62	19.67	19.64	19.68		
15	16QAM	75	0	19.72	19.69	19.66	19.66	19.78		
15	64QAM	1	0	19.79	19.90	19.84	19.74	19.81	20.8	0
15	64QAM	1	37	19.64	19.69	19.66	19.53	19.64		
15	64QAM	1	74	19.68	19.73	19.51	19.81	19.59		
15	64QAM	36	0	19.65	19.67	19.73	19.68	19.65	20.8	0
15	64QAM	36	20	19.59	19.60	19.52	19.69	19.56		
15	64QAM	36	39	19.69	19.57	19.80	19.67	19.61		
15	64QAM	75	0	19.65	19.69	19.84	19.71	19.77		
15	256QAM	1	0	19.76	19.81	19.89	19.85	19.80	20.8	0
15	256QAM	1	37	19.63	19.50	19.75	19.61	19.59		
15	256QAM	1	74	19.53	19.77	19.59	19.70	19.61		
15	256QAM	36	0	19.73	19.82	19.76	19.72	19.70	20.8	0
15	256QAM	36	20	19.55	19.68	19.64	19.67	19.54		
15	256QAM	36	39	19.52	19.56	19.64	19.68	19.64		
15	256QAM	75	0	19.64	19.76	19.76	19.78	19.64		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.84	19.85	19.88	19.91	19.85	20.80	0
10	QPSK	1	25	19.70	19.64	19.74	19.65	19.74		
10	QPSK	1	49	19.65	19.83	19.68	19.76	19.64		
10	QPSK	25	0	19.73	19.79	19.80	19.77	19.79	20.8	0
10	QPSK	25	12	19.63	19.68	19.75	19.76	19.68		
10	QPSK	25	25	19.70	19.63	19.81	19.70	19.71		
10	QPSK	50	0	19.72	19.80	19.87	19.80	19.78		
10	16QAM	1	0	19.82	19.72	19.81	19.89	19.79	20.8	0
10	16QAM	1	25	19.61	19.54	19.74	19.61	19.57		
10	16QAM	1	49	19.57	19.75	19.70	19.65	19.49		
10	16QAM	25	0	19.67	19.68	19.84	19.68	19.76	20.8	0
10	16QAM	25	12	19.54	19.65	19.60	19.65	19.52		
10	16QAM	25	25	19.62	19.56	19.67	19.59	19.67		
10	16QAM	50	0	19.66	19.72	19.71	19.72	19.78		
10	64QAM	1	0	19.70	19.82	19.87	19.81	19.81	20.8	0
10	64QAM	1	25	19.63	19.62	19.67	19.55	19.55		
10	64QAM	1	49	19.59	19.69	19.51	19.76	19.53		
10	64QAM	25	0	19.62	19.69	19.70	19.71	19.60	20.8	0
10	64QAM	25	12	19.67	19.62	19.62	19.72	19.50		
10	64QAM	25	25	19.61	19.66	19.76	19.68	19.64		
10	64QAM	50	0	19.66	19.67	19.84	19.65	19.66		
10	256QAM	1	0	19.71	19.81	19.88	19.81	19.71	20.8	0
10	256QAM	1	25	19.60	19.57	19.75	19.65	19.65		
10	256QAM	1	49	19.49	19.78	19.58	19.69	19.60		
10	256QAM	25	0	19.72	19.76	19.85	19.74	19.69	20.8	0
10	256QAM	25	12	19.64	19.59	19.55	19.66	19.61		
10	256QAM	25	25	19.57	19.56	19.69	19.73	19.65		
10	256QAM	50	0	19.65	19.69	19.71	19.74	19.67		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.88	19.92	19.86	19.89	19.89	20.80	0
5	QPSK	1	12	19.71	19.73	19.76	19.72	19.67		
5	QPSK	1	24	19.68	19.75	19.73	19.78	19.67		
5	QPSK	12	0	19.76	19.85	19.91	19.84	19.79	20.8	0
5	QPSK	12	7	19.71	19.70	19.69	19.75	19.72		
5	QPSK	12	13	19.71	19.65	19.82	19.70	19.65		
5	QPSK	25	0	19.75	19.78	19.80	19.80	19.83	20.8	0
5	16QAM	1	0	19.84	19.74	19.88	19.81	19.83		
5	16QAM	1	12	19.70	19.54	19.79	19.54	19.58		
5	16QAM	1	24	19.55	19.69	19.69	19.70	19.50		
5	16QAM	12	0	19.61	19.71	19.83	19.66	19.67	20.8	0
5	16QAM	12	7	19.55	19.71	19.60	19.68	19.51		
5	16QAM	12	13	19.64	19.61	19.63	19.65	19.65		
5	16QAM	25	0	19.71	19.74	19.67	19.65	19.81	20.8	0
5	64QAM	1	0	19.80	19.81	19.81	19.82	19.75		
5	64QAM	1	12	19.61	19.64	19.72	19.53	19.57		
5	64QAM	1	24	19.66	19.67	19.60	19.73	19.58		
5	64QAM	12	0	19.66	19.67	19.79	19.77	19.65	20.8	0
5	64QAM	12	7	19.63	19.65	19.52	19.70	19.56		
5	64QAM	12	13	19.65	19.60	19.75	19.63	19.68		
5	64QAM	25	0	19.72	19.60	19.82	19.63	19.74	20.8	0
5	256QAM	1	0	19.68	19.72	19.82	19.88	19.75		
5	256QAM	1	12	19.68	19.57	19.66	19.67	19.58		
5	256QAM	1	24	19.49	19.74	19.62	19.71	19.61		
5	256QAM	12	0	19.63	19.79	19.84	19.77	19.66	20.8	0
5	256QAM	12	7	19.66	19.59	19.59	19.68	19.61		
5	256QAM	12	13	19.54	19.55	19.66	19.70	19.68		
5	256QAM	25	0	19.64	19.73	19.72	19.76	19.73		

Downlink CA Power

2CA DL

CA List	PCC									SCC					Power	
	LTE Band	BW Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_2C	Band 2	Ant 2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	22.54	22.63
	Band 2	Ant 1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	21.04	21.15
CA_38A-66A	Band 38	Ant 0	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	21.24	21.38
	Band 38	Ant 1	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	21.51	21.58
	Band 38	Ant 2	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.18	22.34
	Band 38	Ant 10	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.54	22.68
	Band 66	Ant 2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	22.52	22.64
	Band 66	Ant 1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	21.29	21.40
CA_38C	Band 38	Ant 0	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	21.30	21.38
	Band 38	Ant 1	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	21.50	21.58
	Band 38	Ant 2	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	22.13	22.24
	Band 38	Ant 10	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	22.53	22.68
CA_41A-42A	Band 41	Ant 0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	21.40	21.52
	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	21.57	21.66
	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	22.31	22.41
	Band 41	Ant 10	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	22.70	22.81
	Band 42	Ant 7	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	22.68	22.80
CA_42A-42A	Band 42	Ant 7	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	22.72	22.80
CA_5A-38A	Band 5	Ant 0	10M	836.5	20525	QPSK	1	0		Band 38	20M	2599.8	38048	4x4MIMO	22.67	22.75
	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0		Band 38	20M	2599.8	38048	4x4MIMO	22.65	22.70
	Band 38	Ant 0	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		21.26	21.38
	Band 38	Ant 1	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		21.42	21.58
	Band 38	Ant 2	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.19	22.24
	Band 38	Ant 10	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.58	22.68
CA_5A-41A	Band 5	Ant 0	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	22.61	22.75
	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	22.66	22.70
	Band 41	Ant 0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		21.38	21.52
	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		21.54	21.66
	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.31	22.41
	Band 41	Ant 10	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.74	22.81
CA_66B	Band 66	Ant 2	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2154.3	66879	4x4MIMO	22.49	22.59
	Band 66	Ant 1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2154.3	66879	4x4MIMO	21.24	21.36
CA_7B	Band 7	Ant 0	15M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2544.3	3193	4x4MIMO	20.78	20.86
	Band 7	Ant 1	15M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2544.3	3193	4x4MIMO	20.99	21.11
	Band 7	Ant 2	15M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2544.3	3193	4x4MIMO	22.61	22.67
	Band 7	Ant 10	15M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2544.3	3193	4x4MIMO	22.78	22.90
CA_7A-42A	Band 7	Ant 0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	20.81	20.94
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	21.02	21.15
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	22.67	22.80
	Band 7	Ant 10	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	22.87	22.95
	Band 42	Ant 7	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.70	22.80
CA_7A-26A	Band 7	Ant 0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 26	15M	8865	876.5		20.78	20.94
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 26	15M	8865	876.5		21.07	21.15
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 26	15M	8865	876.5		22.68	22.80
	Band 7	Ant 10	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 26	15M	8865	876.5		22.81	22.95
	Band 26	Ant 0	15M	831.5	26865	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	22.69	22.82
	Band 26	Ant 1	15M	831.5	26865	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	22.70	22.77

3CA DL

3CA List	PCC									SCC1					SCC2					Power	
	LTE	BW	BW	UL	UL	Mod.	UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel		RB	RB Offset		Band	(MHz)	Freq. (MHz)	Channel		Band	(MHz)	Freq. (MHz)	Channel		Tx. Power (dBa)	Tx. Power (dBm)
CA_26A-41C	Band 26	Ant0	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	22.72	22.82
	Band 26	Ant1	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	22.68	22.77
	Band 41	Ant 0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 26	15M	8865	876.5		21.49	21.52
	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 26	15M	8865	876.5		21.57	21.66
	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 26	15M	8865	876.5		22.39	22.41
	Band 41	Ant 10	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 26	15M	8865	876.5		22.67	22.81
CA_2A-4A-7A	Band 2	Ant 2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.50	22.63
	Band 2	Ant 1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	21.07	21.15
	Band 4	Ant 2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.42	22.55
	Band 4	Ant 1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.24	21.29
	Band 7	Ant 0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	20.80	20.94
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	21.03	21.15
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	22.72	22.80
	Band 7	Ant 10	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	22.83	22.95
CA_2A-5A-7A	Band 2	Ant 2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 7	20M	2655	3100	4x4MIMO	22.51	22.63
	Band 2	Ant 1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 7	20M	2655	3100	4x4MIMO	21.11	21.15
	Band 5	Ant 0	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.64	22.75
	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.62	22.70
	Band 7	Ant 0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		20.85	20.94
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		21.08	21.15
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		22.71	22.80
	Band 7	Ant 10	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525		22.85	22.95
CA_2A-7A-38A	Band 2	Ant 2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	22.50	22.63
	Band 2	Ant 1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	21.05	21.15
	Band 7	Ant 0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	20.87	20.94
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	21.03	21.15
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	22.71	22.80
	Band 7	Ant 10	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	22.92	22.95
	Band 38	Ant 0	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.28	21.38
	Band 38	Ant 1	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.49	21.58
	Band 38	Ant 2	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.20	22.24
	Band 38	Ant 10	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.62	22.68
CA_2A-7A-7A	Band 2	Ant 2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	22.50	22.63
	Band 2	Ant 1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	21.08	21.15
	Band 7	Ant 0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	20.89	20.94
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.06	21.15
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.76	22.80
	Band 7	Ant 10	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.93	22.95
CA_2A-7C	Band 2	Ant 2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.52	22.63
	Band 7	Ant 0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	20.87	20.94
	Band 2	Ant 1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	21.07	21.15
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.05	21.15
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.71	22.80
	Band 7	Ant 10	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.83	22.95
CA_41A-41A-41A	Band 41	Ant 0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	21.38	21.52
	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	21.55	21.66
	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	22.39	22.41
	Band 41	Ant 10	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	22.72	22.81
CA_41A-42C	Band 41	Ant 0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	21.45	21.52
	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	21.61	21.66
	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	22.29	22.41
	Band 41	Ant 10	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	22.73	22.81
	Band 42	Ant 7	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	22.70	22.80
CA_41C-42A	Band 41	Ant 0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	21.46	21.52
	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	21.63	21.66
	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	22.36	22.41
	Band 41	Ant 10	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	22.78	22.81
	Band 42	Ant 7	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	22.70	22.80
CA_42D	Band 42	Ant 7	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	Band 42	20M	3539.6	42986	4x4MIMO	22.76	22.80
CA_4A-4A-7A	Band 4	Ant2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.42	22.55
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	21.16	21.29
	Band 7	Ant 0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	20.87	20.94
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	21.10	21.15
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.71	22.80
	Band 7	Ant 10	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.84	22.95
CA_4A-7A-7A	Band 4	Ant2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	22.48	22.55
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	21.25	21.29
	Band 7	Ant 0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	20.80	20.94
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	21.11	21.15
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.69	22.80
	Band 7	Ant 10	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.83	22.95
CA_5A-66C	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	22.68	22.75
	Band 66	Ant2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 5	10M	881.5	2525		22.59	22.64
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	22.64	22.7
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 5	10M	881.5	2525		21.33	21.40

4CA DL

Configure	PCC									SCC1					SCC2					SCC3					Power	
	LTE	BW	BW	UL	UL	Mod.	UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel		RB	RB Offset		Band	(MHz)	Freq. (MHz)	Channel		Band	(MHz)	Freq. (MHz)	Channel		Band	(MHz)	Freq. (MHz)	Channel		Tx. Power (dBm)	Tx. Power (dBm)
CA_2A-2A-4A-4A	Band 2	Ant2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.53	22.63
	Band 4	Ant2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.45	22.55
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	21.07	21.15
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.23	21.29
CA_2A-2A-4A-5A	Band 2	Ant2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 5	10M	881.5	2525		22.56	22.63
	Band 4	Ant2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		22.39	22.55
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	22.70	22.75
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 5	10M	881.5	2525		20.98	21.15
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		21.17	21.29
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	22.59	22.7
CA_2A-4A-4A-5A	Band 2	Ant2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 5	10M	881.5	2525		22.55	22.63
	Band 4	Ant2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1960	900	4x4MIMO	22.44	22.55
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.69	22.75
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 5	10M	881.5	2525		21.05	21.15
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1960	900	4x4MIMO	21.23	21.29
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.63	22.7
CA_2A-4A-7C	Band 2	Ant2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.48	22.63
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	21.08	21.15
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	20.87	20.94
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.08	21.15
	Band 7	Ant2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.74	22.80
	Band 7	Ant10	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.88	22.95
	Band 4	Ant2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.41	22.55
	Band 4	Ant1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.16	21.29
CA_2A-7A-66A-66A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.46	22.63
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	21.04	21.15
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	20.85	20.94
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.06	21.15
	Band 7	Ant2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.67	22.80
	Band 7	Ant10	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.82	22.95
	Band 66	Ant2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.55	22.64
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	21.29	21.40
CA_2A-7C-38A	Band 2	Ant2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.52	22.63
	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	21.05	21.15
	Band 7	Ant 0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	20.84	20.94
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.04	21.15
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.66	22.80
	Band 7	Ant 10	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.79	22.95
	Band 38	Ant 0	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	21.32	21.38
	Band 38	Ant 1	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	21.43	21.58
	Band 38	Ant 2	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.14	22.24
	Band 38	Ant 10	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.59	22.68
CA_41A-41A-41C	Band 41	Ant 0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	Band 41	20M	2525.8	39948	4x4MIMO	21.41	21.52
	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	Band 41	20M	2525.8	39948	4x4MIMO	21.60	21.66
	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	Band 41	20M	2525.8	39948	4x4MIMO	22.28	22.41
	Band 41	Ant 10	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	Band 41	20M	2525.8	39948	4x4MIMO	22.76	22.81
CA_41A-41D	Band 41	Ant 0	20M	2506	39750	QPSK	1	0	4x4MIMO	Band 41	20M	2640.4	41094	4x4MIMO	Band 41	20M	2660.2	41292	4x4MIMO	Band 41	20M	2680	41490	4x4MIMO	21.29	21.46
	Band 41	Ant 1	20M	2506	39750	QPSK	1	0	4x4MIMO	Band 41	20M	2640.4	41094	4x4MIMO	Band 41	20M	2660.2	41292	4x4MIMO	Band 41	20M	2680	41490	4x4MIMO	21.41	21.58
	Band 41	Ant 2	20M	2506	39750	QPSK	1	0	4x4MIMO	Band 41	20M	2640.4	41094	4x4MIMO	Band 41	20M	2660.2	41292	4x4MIMO	Band 41	20M	2680	41490	4x4MIMO	22.23	22.38
	Band 41	Ant 10	20M	2506	39750	QPSK	1	0	4x4MIMO	Band 41	20M	2640.4	41094	4x4MIMO	Band 41	20M	2660.2	41292	4x4MIMO	Band 41	20M	2680	41490	4x4MIMO	22.51	22.67
CA_41C-41C	Band 41	Ant 0	20M	2506	39750	QPSK	1	0	4x4MIMO	Band 41	20M	2525.8	39948	4x4MIMO	Band 41	20M	2660.2	41292	4x4MIMO	Band 41	20M	2680	41490	4x4MIMO	21.40	21.46
	Band 41	Ant 1	20M	2506	39750	QPSK	1	0	4x4MIMO	Band 41	20M	2525.8	39948	4x4MIMO	Band 41	20M	2660.2	41292	4x4MIMO	Band 41	20M	2680	41490	4x4MIMO	21.44	21.58
	Band 41	Ant 2	20M	2506	39750	QPSK	1	0	4x4MIMO	Band 41	20M	2525.8	39948	4x4MIMO	Band 41	20M	2660.2	41292	4x4MIMO	Band 41	20M	2680	41490	4x4MIMO	22.33	22.38
	Band 41	Ant 10	20M	2506	39750	QPSK	1	0	4x4MIMO	Band 41	20M	2525.8	39948	4x4MIMO	Band 41	20M	2660.2	41292	4x4MIMO	Band 41	20M	2680	41490	4x4MIMO	22.54	22.67
CA_41C-42C	Band 41	Ant 0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	21.38	21.52
	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	21.57	21.66
	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	22.33	22.41
	Band 41	Ant 10	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	22.75	22.81
	Band 42	Ant 7	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	22.72	22.80
CA_41E	Band 41	Ant 0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	20M	2652.4	41214	4x4MIMO	21.39	21.52
	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	20M	2652.4	41214	4x4MIMO	21.56	21.66
	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	20M	2652.4	41214	4x4MIMO	22.34	22.41
	Band 41	Ant 10	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	20M	2652.4	41214	4x4MIMO	22.69	22.81
CA_42E	Band 42	Ant7	20M	3590	43490	QPSK	1	0	4x4MIMO	Band 42	20M	3570.2	43292	4x4MIMO	Band 42	20M	3550.4	43094	4x4MIMO	Band 42	20M	3570.2	43292	4x4MIMO	22.56	22.73
CA_5A-5A-66A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	891.5	2625		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.58	22.75
	Band 66	Ant2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	891.5	2625		22.51	22.64
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 5	5M	891.5	2625		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.61	22.7
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	891.5	2625		21.34	21.40
CA_5A-7A-66A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.65	22.75
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.55	22.7
	Band 7	Ant 0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		20.79	20.94
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		20.99	21.15
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		22.67	22.80
	Band 7	Ant 10	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		22.85	22.95
	Band 66	Ant2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		Band 7	20M	2655	3100	4x4MIMO	22.47	22.64
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		Band 7	20M	2655	3100	4x4MIMO	21.27	21.40

5CA DL

Configure	PCC						SCC1					SCC2					SCC3					SCC4					Power	
	LTE	BW	BW	UL	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel		Band	(MHz)	Freq. (MHz)	Channel		Band	(MHz)	Freq. (MHz)	Channel		Band	(MHz)	Freq. (MHz)	Channel		Band	(MHz)	Freq. (MHz)	Channel		Tx. Power (dBm)	Tx. Power (dBm)
CA_5A-7C-66A-66A	Band 5	Ant 0	10M	836.5	20525		Band 7	20M	2665	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	10M	2115	66486	4x4MIMO	Band 66	10M	1770	67036	4x4MIMO	22.65	22.75
	Band 5	Ant 1	10M	836.5	20525		Band 7	20M	2665	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	10M	2115	66486	4x4MIMO	Band 66	20M	1770	67036	4x4MIMO	22.57	22.7
	Band 7	Ant 0	20M	2535	21100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	10M	2115	66486	4x4MIMO	Band 66	20M	1770	67036	4x4MIMO	Band 5	10M	881.5	2525		20.89	20.94
	Band 7	Ant 1	20M	2535	21100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	10M	2115	66486	4x4MIMO	Band 66	20M	1770	67036	4x4MIMO	Band 5	10M	881.5	2525		21.1	21.15
	Band 7	Ant 2	20M	2535	21100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	10M	2115	66486	4x4MIMO	Band 66	20M	1770	67036	4x4MIMO	Band 5	10M	881.5	2525		22.76	22.8
	Band 7	Ant 10	20M	2535	21100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	10M	2115	66486	4x4MIMO	Band 66	20M	1770	67036	4x4MIMO	Band 5	10M	881.5	2525		22.92	22.95
	Band 66	Ant 2	10M	1715	132022	4x4MIMO	Band 66	20M	1770	67036	4x4MIMO	Band 5	10M	881.5	2525		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.35	22.42
	Band 66	Ant 1	10M	1715	132022	4x4MIMO	Band 66	20M	1770	67036	4x4MIMO	Band 5	10M	881.5	2525		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	21.16	21.26
CA_41C-41D	Band 41	Ant 0	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	Band 41	20M	2525.8	39948	4x4MIMO	Band 41	20M	2545.6	40146	4x4MIMO	21.45	21.52
	Band 41	Ant 1	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	Band 41	20M	2525.8	39948	4x4MIMO	Band 41	20M	2545.6	40146	4x4MIMO	21.57	21.66
	Band 41	Ant 2	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	Band 41	20M	2525.8	39948	4x4MIMO	Band 41	20M	2545.6	40146	4x4MIMO	22.38	22.41
	Band 41	Ant 10	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	Band 41	20M	2525.8	39948	4x4MIMO	Band 41	20M	2545.6	40146	4x4MIMO	22.73	22.81
CA_2A-2A-5A-66A-66A	Band 2	Ant2	20M	1880	18900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	1770	67036	4x4MIMO	22.57	22.63
	Band 5	Ant0	10M	836.5	20525		Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 5	10M	881.5	2525		22.65	22.75
	Band 66	Ant2	20M	1745	132322	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 7	20M	2554.8	3298	4x4MIMO	22.55	22.64
	Band 2	Ant1	20M	1880	18900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	1770	67036	4x4MIMO	21.11	21.15
	Band 5	Ant1	10M	836.5	20525		Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 5	10M	881.5	2525		22.66	22.7
	Band 66	Ant1	20M	1745	132322	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 7	20M	2554.8	3298	4x4MIMO	21.29	21.40
CA_41F	Band 41	Ant 0	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	20M	2652.4	41214	4x4MIMO	Band 41	20M	2672.2	41412	4x4MIMO	21.41	21.52
	Band 41	Ant 1	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	20M	2652.4	41214	4x4MIMO	Band 41	20M	2672.2	41412	4x4MIMO	21.52	21.66
	Band 41	Ant 2	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	20M	2652.4	41214	4x4MIMO	Band 41	20M	2672.2	41412	4x4MIMO	22.32	22.41
	Band 41	Ant 10	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	20M	2652.4	41214	4x4MIMO	Band 41	20M	2672.2	41412	4x4MIMO	22.69	22.81

UL CA power

CA_66B Ant 2								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	22.26	24.00
132322	132415	QPSK	1	74	1	0	22.34	24.00
132597	132504	QPSK	1	0	1	24	22.25	24.00

CA_66B Ant 1								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	21.02	22.50
132322	132415	QPSK	1	74	1	0	21.06	22.50
132597	132504	QPSK	1	0	1	24	21.04	22.50

CA_7C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	22.63	24.00
21100	21298	QPSK	1	99	1	0	22.66	24.00
21350	21152	QPSK	1	0	1	99	22.62	24.00

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	21.01	22.50
21100	21298	QPSK	1	99	1	0	21.09	22.50
21350	21152	QPSK	1	0	1	99	20.98	22.50

CA_7C Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	22.72	24.00
21100	21298	QPSK	1	99	1	0	22.81	24.00
21350	21152	QPSK	1	0	1	99	22.76	24.00

CA_7C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	20.79	22.50
21100	21298	QPSK	1	99	1	0	20.85	22.50
21350	21152	QPSK	1	0	1	99	20.76	22.50

CA_38C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.07	23.50
37901	38099	QPSK	1	99	1	0	22.18	23.50
38150	37952	QPSK	1	0	1	99	22.11	23.50

CA_38C HPUE Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	25.11	26.50
37901	38099	QPSK	1	99	1	0	25.16	26.50
38150	37952	QPSK	1	0	1	99	25.14	26.50

CA_38C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	21.47	23.00
37901	38099	QPSK	1	99	1	0	21.5	23.00
38150	37952	QPSK	1	0	1	99	21.48	23.00

CA_38C HPUE Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	24.46	26.00
37901	38099	QPSK	1	99	1	0	22.42	26.00
38150	37952	QPSK	1	0	1	99	24.44	26.00

CA_38C Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.52	24.00
37901	38099	QPSK	1	99	1	0	22.61	24.00
38150	37952	QPSK	1	0	1	99	22.58	24.00

CA_38C HPUE Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	25.54	27.00
37901	38099	QPSK	1	99	1	0	25.66	27.00
38150	37952	QPSK	1	0	1	99	25.59	27.00

CA_38C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	21.29	23.00
37901	38099	QPSK	1	99	1	0	21.34	23.00
38150	37952	QPSK	1	0	1	99	21.25	23.00

CA_38C HPUE Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	24.26	26.00
37901	38099	QPSK	1	99	1	0	24.29	26.00
38150	37952	QPSK	1	0	1	99	24.21	26.00

CA_41C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.22	23.50
40185	40383	QPSK	1	99	1	0	22.16	23.50
40620	40818	QPSK	1	99	1	0	22.31	23.50
41055	41253	QPSK	1	99	1	0	22.19	23.50
41490	41292	QPSK	1	0	1	99	22.13	23.50

CA_41C HPUE Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	25.17	26.50
40185	40383	QPSK	1	99	1	0	25.20	26.50
40620	40818	QPSK	1	99	1	0	25.33	26.50
41055	41253	QPSK	1	99	1	0	25.29	26.50
41490	41292	QPSK	1	0	1	99	25.15	26.50

CA_41C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	21.35	23.00
40185	40383	QPSK	1	99	1	0	21.42	23.00
40620	40818	QPSK	1	99	1	0	21.56	23.00
41055	41253	QPSK	1	99	1	0	21.52	23.00
41490	41292	QPSK	1	0	1	99	21.47	23.00

CA_41C HPUE Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	24.31	26.00
40185	40383	QPSK	1	99	1	0	24.43	26.00
40620	40818	QPSK	1	99	1	0	24.47	26.00
41055	41253	QPSK	1	99	1	0	24.43	26.00
41490	41292	QPSK	1	0	1	99	24.45	26.00

CA_41C Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.49	24.00
40185	40383	QPSK	1	99	1	0	22.56	24.00
40620	40818	QPSK	1	99	1	0	22.63	24.00
41055	41253	QPSK	1	99	1	0	22.52	24.00
41490	41292	QPSK	1	0	1	99	22.54	24.00

CA_41C HPUE Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	25.56	27.00
40185	40383	QPSK	1	99	1	0	25.64	27.00
40620	40818	QPSK	1	99	1	0	25.66	27.00
41055	41253	QPSK	1	99	1	0	25.59	27.00
41490	41292	QPSK	1	0	1	99	25.53	27.00

CA_41C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	21.33	23.00
40185	40383	QPSK	1	99	1	0	21.36	23.00
40620	40818	QPSK	1	99	1	0	21.41	23.00
41055	41253	QPSK	1	99	1	0	21.35	23.00
41490	41292	QPSK	1	0	1	99	21.31	23.00

CA_41C HPUE Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	24.31	26.00
40185	40383	QPSK	1	99	1	0	24.39	26.00
40620	40818	QPSK	1	99	1	0	24.42	26.00
41055	41253	QPSK	1	99	1	0	24.32	26.00
41490	41292	QPSK	1	0	1	99	24.29	26.00

CA_42C Ant 7								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	22.54	24.00
42590	42788	QPSK	1	99	1	0	22.69	24.00
42990	42792	QPSK	1	0	1	99	22.51	24.00

CA_66B Ant 2								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	22.26	24.00
132322	132415	QPSK	1	74	1	0	22.34	24.00
132597	132504	QPSK	1	0	1	24	22.25	24.00

CA_66B Ant 1								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	14.85	16.30
132322	132415	QPSK	1	74	1	0	14.97	16.30
132597	132504	QPSK	1	0	1	24	14.90	16.30

CA_7C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	22.63	24.00
21100	21298	QPSK	1	99	1	0	22.66	24.00
21350	21152	QPSK	1	0	1	99	22.62	24.00

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	12.65	13.70
21100	21298	QPSK	1	99	1	0	12.70	13.70
21350	21152	QPSK	1	0	1	99	12.67	13.70

CA_7C Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	21.42	22.90
21100	21298	QPSK	1	99	1	0	21.46	22.90
21350	21152	QPSK	1	0	1	99	21.41	22.90

CA_7C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	20.79	22.50
21100	21298	QPSK	1	99	1	0	20.85	22.50
21350	21152	QPSK	1	0	1	99	20.76	22.50

CA_38C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.07	23.50
37901	38099	QPSK	1	99	1	0	22.18	23.50
38150	37952	QPSK	1	0	1	99	22.11	23.50

CA_38C HPUE Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	25.11	26.50
37901	38099	QPSK	1	99	1	0	25.16	26.50
38150	37952	QPSK	1	0	1	99	25.14	26.50

CA_38C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	14.49	15.80
37901	38099	QPSK	1	99	1	0	14.63	15.80
38150	37952	QPSK	1	0	1	99	14.57	15.80

CA_38C HPUE Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	16.30	17.40
37901	38099	QPSK	1	99	1	0	16.48	17.40
38150	37952	QPSK	1	0	1	99	16.41	17.40

CA_38C Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	21.89	23.30
37901	38099	QPSK	1	99	1	0	22.06	23.30
38150	37952	QPSK	1	0	1	99	21.98	23.30

CA_38C HPUE Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	23.59	24.90
37901	38099	QPSK	1	99	1	0	23.65	24.90
38150	37952	QPSK	1	0	1	99	23.54	24.90

CA_38C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	21.29	23.00
37901	38099	QPSK	1	99	1	0	21.34	23.00
38150	37952	QPSK	1	0	1	99	21.25	23.00

CA_38C HPUE Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	24.26	26.00
37901	38099	QPSK	1	99	1	0	24.29	26.00
38150	37952	QPSK	1	0	1	99	24.21	26.00

CA_41C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.22	23.50
40185	40383	QPSK	1	99	1	0	22.16	23.50
40620	40818	QPSK	1	99	1	0	22.31	23.50
41055	41253	QPSK	1	99	1	0	22.19	23.50
41490	41292	QPSK	1	0	1	99	22.13	23.50

CA_41C HPUE Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	25.17	26.50
40185	40383	QPSK	1	99	1	0	25.20	26.50
40620	40818	QPSK	1	99	1	0	25.33	26.50
41055	41253	QPSK	1	99	1	0	25.29	26.50
41490	41292	QPSK	1	0	1	99	25.15	26.50

CA_41C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	14.66	15.80
40185	40383	QPSK	1	99	1	0	14.66	15.80
40620	40818	QPSK	1	99	1	0	14.68	15.80
41055	41253	QPSK	1	99	1	0	14.64	15.80
41490	41292	QPSK	1	0	1	99	14.63	15.80

CA_41C HPUE Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	16.46	17.40
40185	40383	QPSK	1	99	1	0	16.42	17.40
40620	40818	QPSK	1	99	1	0	16.53	17.40
41055	41253	QPSK	1	99	1	0	16.44	17.40
41490	41292	QPSK	1	0	1	99	16.47	17.40

CA_41C Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	21.99	23.30
40185	40383	QPSK	1	99	1	0	22.07	23.30
40620	40818	QPSK	1	99	1	0	22.12	23.30
41055	41253	QPSK	1	99	1	0	22.04	23.30
41490	41292	QPSK	1	0	1	99	22.09	23.30

CA_41C HPUE Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	23.58	24.90
40185	40383	QPSK	1	99	1	0	23.66	24.90
40620	40818	QPSK	1	99	1	0	23.67	24.90
41055	41253	QPSK	1	99	1	0	23.64	24.90
41490	41292	QPSK	1	0	1	99	23.63	24.90

CA_41C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	21.33	23.00
40185	40383	QPSK	1	99	1	0	21.36	23.00
40620	40818	QPSK	1	99	1	0	21.41	23.00
41055	41253	QPSK	1	99	1	0	21.35	23.00
41490	41292	QPSK	1	0	1	99	21.31	23.00

CA_41C HPUE Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	24.31	26.00
40185	40383	QPSK	1	99	1	0	24.39	26.00
40620	40818	QPSK	1	99	1	0	24.42	26.00
41055	41253	QPSK	1	99	1	0	24.32	26.00
41490	41292	QPSK	1	0	1	99	24.29	26.00

CA_42C Ant 7									
Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	18.12	19.20
42590	42788	QPSK	1	99	1	0	18.15	19.20
42990	42792	QPSK	1	0	1	99	18.17	19.20

CA_66B Ant 2								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	19.57	21.00
132322	132415	QPSK	1	74	1	0	19.65	21.00
132597	132504	QPSK	1	0	1	24	19.58	21.00

CA_66B Ant 1								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	14.61	15.70
132322	132415	QPSK	1	74	1	0	14.66	15.70
132597	132504	QPSK	1	0	1	24	14.64	15.70

CA_7C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	20.94	22.10
21100	21298	QPSK	1	99	1	0	20.97	22.10
21350	21152	QPSK	1	0	1	99	20.90	22.10

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	16.05	17.10
21100	21298	QPSK	1	99	1	0	16.09	17.10
21350	21152	QPSK	1	0	1	99	16.00	17.10

CA_7C Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	18.42	19.60
21100	21298	QPSK	1	99	1	0	18.44	19.60
21350	21152	QPSK	1	0	1	99	18.38	19.60

CA_7C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	20.79	22.50
21100	21298	QPSK	1	99	1	0	20.85	22.50
21350	21152	QPSK	1	0	1	99	20.76	22.50

CA_38C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.07	23.50
37901	38099	QPSK	1	99	1	0	22.18	23.50
38150	37952	QPSK	1	0	1	99	22.11	23.50

CA_38C HPUE Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	23.67	25.10
37901	38099	QPSK	1	99	1	0	23.71	25.10
38150	37952	QPSK	1	0	1	99	23.59	25.10

CA_38C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	17.01	18.40
37901	38099	QPSK	1	99	1	0	17.12	18.40
38150	37952	QPSK	1	0	1	99	16.99	18.40

CA_38C HPUE Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	18.77	20.00
37901	38099	QPSK	1	99	1	0	18.85	20.00
38150	37952	QPSK	1	0	1	99	18.73	20.00

CA_38C Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	20.52	22.00
37901	38099	QPSK	1	99	1	0	20.55	22.00
38150	37952	QPSK	1	0	1	99	20.39	22.00

CA_38C HPUE Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.22	23.60
37901	38099	QPSK	1	99	1	0	22.24	23.60
38150	37952	QPSK	1	0	1	99	22.16	23.60

CA_38C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	21.62	22.80
37901	38099	QPSK	1	99	1	0	21.67	22.80
38150	37952	QPSK	1	0	1	99	21.59	22.80

CA_38C HPUE Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	23.33	24.40
37901	38099	QPSK	1	99	1	0	23.41	24.40
38150	37952	QPSK	1	0	1	99	23.23	24.40

CA_41C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.22	23.50
40185	40383	QPSK	1	99	1	0	22.16	23.50
40620	40818	QPSK	1	99	1	0	22.31	23.50
41055	41253	QPSK	1	99	1	0	22.19	23.50
41490	41292	QPSK	1	0	1	99	22.13	23.50

CA_41C HPUE Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	23.74	25.10
40185	40383	QPSK	1	99	1	0	23.67	25.10
40620	40818	QPSK	1	99	1	0	23.79	25.10
41055	41253	QPSK	1	99	1	0	23.78	25.10
41490	41292	QPSK	1	0	1	99	23.63	25.10

CA_41C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	17.11	18.40
40185	40383	QPSK	1	99	1	0	17.14	18.40
40620	40818	QPSK	1	99	1	0	17.16	18.40
41055	41253	QPSK	1	99	1	0	17.14	18.40
41490	41292	QPSK	1	0	1	99	17.04	18.40

CA_41C HPUE Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	18.82	20.00
40185	40383	QPSK	1	99	1	0	18.77	20.00
40620	40818	QPSK	1	99	1	0	18.93	20.00
41055	41253	QPSK	1	99	1	0	18.86	20.00
41490	41292	QPSK	1	0	1	99	18.83	20.00

CA_41C Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	20.54	22.00
40185	40383	QPSK	1	99	1	0	20.56	22.00
40620	40818	QPSK	1	99	1	0	20.61	22.00
41055	41253	QPSK	1	99	1	0	20.49	22.00
41490	41292	QPSK	1	0	1	99	20.51	22.00

CA_41C HPUE Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.33	23.60
40185	40383	QPSK	1	99	1	0	22.29	23.60
40620	40818	QPSK	1	99	1	0	22.36	23.60
41055	41253	QPSK	1	99	1	0	22.35	23.60
41490	41292	QPSK	1	0	1	99	22.19	23.60

CA_41C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	21.56	22.80
40185	40383	QPSK	1	99	1	0	21.64	22.80
40620	40818	QPSK	1	99	1	0	21.69	22.80
41055	41253	QPSK	1	99	1	0	21.65	22.80
41490	41292	QPSK	1	0	1	99	21.62	22.80

CA_41C HPUE Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	23.25	24.40
40185	40383	QPSK	1	99	1	0	23.34	24.40
40620	40818	QPSK	1	99	1	0	23.42	24.40
41055	41253	QPSK	1	99	1	0	23.27	24.40
41490	41292	QPSK	1	0	1	99	23.33	24.40

CA_42C Ant 7								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	19.48	20.40
42590	42788	QPSK	1	99	1	0	19.50	20.40
42990	42792	QPSK	1	0	1	99	19.45	20.40

CA_66B Ant 2								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	18.63	19.90
132322	132415	QPSK	1	74	1	0	18.68	19.90
132597	132504	QPSK	1	0	1	24	18.58	19.90

CA_66B Ant 1								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	12.11	13.90
132322	132415	QPSK	1	74	1	0	12.16	13.90
132597	132504	QPSK	1	0	1	24	12.08	13.90

CA_7C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	19.01	20.40
21100	21298	QPSK	1	99	1	0	19.07	20.40
21350	21152	QPSK	1	0	1	99	18.99	20.40

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	12.14	13.20
21100	21298	QPSK	1	99	1	0	12.16	13.20
21350	21152	QPSK	1	0	1	99	12.08	13.20

CA_7C Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	16.86	18.00
21100	21298	QPSK	1	99	1	0	16.95	18.00
21350	21152	QPSK	1	0	1	99	16.81	18.00

CA_7C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	20.83	21.90
21100	21298	QPSK	1	99	1	0	20.88	21.90
21350	21152	QPSK	1	0	1	99	20.79	21.90

CA_38C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	21.08	22.50
37901	38099	QPSK	1	99	1	0	21.16	22.50
38150	37952	QPSK	1	0	1	99	21.07	22.50

CA_38C HPUE Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.67	24.10
37901	38099	QPSK	1	99	1	0	22.72	24.10
38150	37952	QPSK	1	0	1	99	22.65	24.10

CA_38C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	12.57	13.90
37901	38099	QPSK	1	99	1	0	12.66	13.90
38150	37952	QPSK	1	0	1	99	12.49	13.90

CA_38C HPUE Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	14.19	15.50
37901	38099	QPSK	1	99	1	0	14.33	15.50
38150	37952	QPSK	1	0	1	99	14.25	15.50

CA_38C Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	18.08	19.20
37901	38099	QPSK	1	99	1	0	18.16	19.20
38150	37952	QPSK	1	0	1	99	18.13	19.20

CA_38C HPUE Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	19.78	20.80
37901	38099	QPSK	1	99	1	0	19.82	20.80
38150	37952	QPSK	1	0	1	99	19.67	20.80

CA_38C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	18.39	19.90
37901	38099	QPSK	1	99	1	0	18.49	19.90
38150	37952	QPSK	1	0	1	99	18.33	19.90

CA_38C HPUE Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	19.99	21.50
37901	38099	QPSK	1	99	1	0	20.06	21.50
38150	37952	QPSK	1	0	1	99	20.04	21.50

CA_41C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	21.15	22.50
40185	40383	QPSK	1	99	1	0	21.16	22.50
40620	40818	QPSK	1	99	1	0	21.24	22.50
41055	41253	QPSK	1	99	1	0	21.19	22.50
41490	41292	QPSK	1	0	1	99	21.12	22.50

CA_41C HPUE Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.84	24.10
40185	40383	QPSK	1	99	1	0	22.87	24.10
40620	40818	QPSK	1	99	1	0	22.91	24.10
41055	41253	QPSK	1	99	1	0	22.78	24.10
41490	41292	QPSK	1	0	1	99	22.82	24.10

CA_41C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	12.74	13.90
40185	40383	QPSK	1	99	1	0	12.67	13.90
40620	40818	QPSK	1	99	1	0	12.77	13.90
41055	41253	QPSK	1	99	1	0	12.68	13.90
41490	41292	QPSK	1	0	1	99	12.69	13.90

CA_41C HPUE Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	14.41	15.50
40185	40383	QPSK	1	99	1	0	14.36	15.50
40620	40818	QPSK	1	99	1	0	14.44	15.50
41055	41253	QPSK	1	99	1	0	14.28	15.50
41490	41292	QPSK	1	0	1	99	14.35	15.50

CA_41C Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	18.16	19.20
40185	40383	QPSK	1	99	1	0	18.16	19.20
40620	40818	QPSK	1	99	1	0	18.24	19.20
41055	41253	QPSK	1	99	1	0	18.17	19.20
41490	41292	QPSK	1	0	1	99	18.17	19.20

CA_41C HPUE Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	19.79	20.80
40185	40383	QPSK	1	99	1	0	19.81	20.80
40620	40818	QPSK	1	99	1	0	19.87	20.80
41055	41253	QPSK	1	99	1	0	19.82	20.80
41490	41292	QPSK	1	0	1	99	19.76	20.80

CA_41C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	18.46	19.90
40185	40383	QPSK	1	99	1	0	18.48	19.90
40620	40818	QPSK	1	99	1	0	18.57	19.90
41055	41253	QPSK	1	99	1	0	18.44	19.90
41490	41292	QPSK	1	0	1	99	18.50	19.90

CA_41C HPUE Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	20.05	21.50
40185	40383	QPSK	1	99	1	0	20.01	21.50
40620	40818	QPSK	1	99	1	0	20.13	21.50
41055	41253	QPSK	1	99	1	0	20.05	21.50
41490	41292	QPSK	1	0	1	99	20.08	21.50

CA_42C Ant 7								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	16.84	18.60
42590	42788	QPSK	1	99	1	0	16.90	18.60
42990	42792	QPSK	1	0	1	99	16.83	18.60

CA_66B Ant 2								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	21.72	22.90
132322	132415	QPSK	1	74	1	0	21.76	22.90
132597	132504	QPSK	1	0	1	24	21.71	22.90

CA_66B Ant 1								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	17.93	19.30
132322	132415	QPSK	1	74	1	0	17.95	19.30
132597	132504	QPSK	1	0	1	24	17.92	19.30

CA_7C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	20.32	21.80
21100	21298	QPSK	1	99	1	0	20.43	21.80
21350	21152	QPSK	1	0	1	99	20.39	21.80

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	17.48	18.60
21100	21298	QPSK	1	99	1	0	17.51	18.60
21350	21152	QPSK	1	0	1	99	17.49	18.60

CA_7C Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	18.42	19.60
21100	21298	QPSK	1	99	1	0	18.44	19.60
21350	21152	QPSK	1	0	1	99	18.38	19.60

CA_7C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	20.83	22.10
21100	21298	QPSK	1	99	1	0	20.88	22.10
21350	21152	QPSK	1	0	1	99	20.71	22.10

CA_38C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.07	23.50
37901	38099	QPSK	1	99	1	0	22.18	23.50
38150	37952	QPSK	1	0	1	99	22.11	23.50

CA_38C HPUE Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	24.37	25.50
37901	38099	QPSK	1	99	1	0	24.47	25.50
38150	37952	QPSK	1	0	1	99	24.34	25.50

CA_38C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	19.11	20.50
37901	38099	QPSK	1	99	1	0	19.28	20.50
38150	37952	QPSK	1	0	1	99	19.05	20.50

CA_38C HPUE Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	20.77	22.10
37901	38099	QPSK	1	99	1	0	20.91	22.10
38150	37952	QPSK	1	0	1	99	20.79	22.10

CA_38C Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	20.52	22.00
37901	38099	QPSK	1	99	1	0	20.55	22.00
38150	37952	QPSK	1	0	1	99	20.39	22.00

CA_38C HPUE Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.22	23.60
37901	38099	QPSK	1	99	1	0	22.24	23.60
38150	37952	QPSK	1	0	1	99	22.16	23.60

CA_38C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	20.78	22.50
37901	38099	QPSK	1	99	1	0	20.88	22.50
38150	37952	QPSK	1	0	1	99	20.78	22.50

CA_38C HPUE Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.32	24.10
37901	38099	QPSK	1	99	1	0	22.35	24.10
38150	37952	QPSK	1	0	1	99	22.17	24.10

CA_41C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.22	23.50
40185	40383	QPSK	1	99	1	0	22.16	23.50
40620	40818	QPSK	1	99	1	0	22.31	23.50
41055	41253	QPSK	1	99	1	0	22.19	23.50
41490	41292	QPSK	1	0	1	99	22.13	23.50

CA_41C HPUE Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	24.48	25.50
40185	40383	QPSK	1	99	1	0	24.38	25.50
40620	40818	QPSK	1	99	1	0	24.54	25.50
41055	41253	QPSK	1	99	1	0	24.41	25.50
41490	41292	QPSK	1	0	1	99	24.44	25.50

CA_41C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	19.18	20.50
40185	40383	QPSK	1	99	1	0	19.21	20.50
40620	40818	QPSK	1	99	1	0	19.33	20.50
41055	41253	QPSK	1	99	1	0	19.24	20.50
41490	41292	QPSK	1	0	1	99	19.22	20.50

CA_41C HPUE Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	20.88	22.10
40185	40383	QPSK	1	99	1	0	20.91	22.10
40620	40818	QPSK	1	99	1	0	20.96	22.10
41055	41253	QPSK	1	99	1	0	20.84	22.10
41490	41292	QPSK	1	0	1	99	20.89	22.10

CA_41C Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	20.54	22.00
40185	40383	QPSK	1	99	1	0	20.56	22.00
40620	40818	QPSK	1	99	1	0	20.61	22.00
41055	41253	QPSK	1	99	1	0	20.49	22.00
41490	41292	QPSK	1	0	1	99	20.51	22.00

CA_41C HPUE Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.33	23.60
40185	40383	QPSK	1	99	1	0	22.29	23.60
40620	40818	QPSK	1	99	1	0	22.36	23.60
41055	41253	QPSK	1	99	1	0	22.35	23.60
41490	41292	QPSK	1	0	1	99	22.19	23.60

CA_41C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	20.79	22.50
40185	40383	QPSK	1	99	1	0	20.82	22.50
40620	40818	QPSK	1	99	1	0	20.94	22.50
41055	41253	QPSK	1	99	1	0	20.81	22.50
41490	41292	QPSK	1	0	1	99	20.77	22.50

CA_41C HPUE Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.36	24.10
40185	40383	QPSK	1	99	1	0	22.37	24.10
40620	40818	QPSK	1	99	1	0	22.44	24.10
41055	41253	QPSK	1	99	1	0	22.34	24.10
41490	41292	QPSK	1	0	1	99	22.3	24.10

CA_42C Ant 7								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	19.48	20.40
42590	42788	QPSK	1	99	1	0	19.50	20.40
42990	42792	QPSK	1	0	1	99	19.45	20.40

CA_7C Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	18.42	19.60
21100	21298	QPSK	1	99	1	0	18.44	19.60
21350	21152	QPSK	1	0	1	99	18.38	19.60

CA_38C Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	20.52	22.00
37901	38099	QPSK	1	99	1	0	20.55	22.00
38150	37952	QPSK	1	0	1	99	20.39	22.00

CA_41C Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	20.54	22.00
40185	40383	QPSK	1	99	1	0	20.56	22.00
40620	40818	QPSK	1	99	1	0	20.61	22.00
41055	41253	QPSK	1	99	1	0	20.49	22.00
41490	41292	QPSK	1	0	1	99	20.51	22.00

CA_38C HPUE Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.22	23.60
37901	38099	QPSK	1	99	1	0	22.24	23.60
38150	37952	QPSK	1	0	1	99	22.16	23.60

CA_42C Ant 7								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	22.54	24.00
42590	42788	QPSK	1	99	1	0	22.69	24.00
42990	42792	QPSK	1	0	1	99	22.51	24.00

CA_41C HPUE Ant 10								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.33	23.60
40185	40383	QPSK	1	99	1	0	22.29	23.60
40620	40818	QPSK	1	99	1	0	22.36	23.60
41055	41253	QPSK	1	99	1	0	22.35	23.60
41490	41292	QPSK	1	0	1	99	22.19	23.60

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	22.60	22.70	22.62	24.0	0.0
20	PI/2 BPSK	1	53	22.54	22.71	22.71		
20	PI/2 BPSK	1	104	22.53	22.76	22.72		
20	PI/2 BPSK	50	0	22.15	22.32	22.24	23.5	0.5
20	PI/2 BPSK	50	28	22.52	22.71	22.66	24.0	0.0
20	PI/2 BPSK	50	56	22.11	22.31	22.28	23.5	0.5
20	PI/2 BPSK	100	0	22.18	22.33	22.29		
20	QPSK	1	1	22.66	22.80	22.77	24.0	0.0
20	QPSK	1	53	22.50	22.64	22.64		
20	QPSK	1	104	22.53	22.70	22.61		
20	QPSK	50	0	21.63	21.74	21.71	23.0	1.0
20	QPSK	50	28	22.56	22.73	22.63	24.0	0.0
20	QPSK	50	56	21.65	21.81	21.76	23.0	1.0
20	QPSK	100	0	21.70	21.79	21.75		
20	16QAM	1	1	21.71	21.78	21.76	23.0	1.0
20	64QAM	1	1	20.15	20.27	20.28	21.5	2.5
20	256QAM	1	1	18.14	18.34	18.22	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.37	22.53	22.44	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.32	22.53	22.53	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.32	22.52	22.49	24.0	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	22.73	22.78	22.69	24.0	0.0
20	PI/2 BPSK	1	53	22.69	22.73	22.67		
20	PI/2 BPSK	1	104	22.73	22.82	22.68		
20	PI/2 BPSK	50	0	22.25	22.37	22.27	23.5	0.5
20	PI/2 BPSK	50	28	22.67	22.76	22.63	24.0	0.0
20	PI/2 BPSK	50	56	22.36	22.32	22.24	23.5	0.5
20	PI/2 BPSK	100	0	22.30	22.39	22.27		
20	QPSK	1	1	22.80	22.86	22.76	24.0	0.0
20	QPSK	1	53	22.72	22.80	22.66		
20	QPSK	1	104	22.74	22.81	22.70		
20	QPSK	50	0	21.78	21.92	21.79	23.0	1.0
20	QPSK	50	28	22.67	22.71	22.68	24.0	0.0
20	QPSK	50	56	21.79	21.81	21.79	23.0	1.0
20	QPSK	100	0	21.74	21.86	21.75		
20	16QAM	1	1	21.74	21.84	21.76	23.0	1.0
20	64QAM	1	1	20.34	20.39	20.24	21.5	2.5
20	256QAM	1	1	18.30	18.38	18.32	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.53	22.54	22.50	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.51	22.58	22.46	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.46	22.55	22.41	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.68	20.76	20.67	22.0	0.0
40	PI/2 BPSK	1	53	20.72	20.69	20.75		
40	PI/2 BPSK	1	104	20.71	20.80	20.69		
40	PI/2 BPSK	50	0	20.29	20.37	20.32	21.5	0.5
40	PI/2 BPSK	50	28	20.67	20.70	20.75	22.0	0.0
40	PI/2 BPSK	50	56	20.32	20.32	20.29	21.5	0.5
40	PI/2 BPSK	100	0	20.28	20.30	20.30		
40	QPSK	1	1	20.81	20.85	20.82	22.0	0.0
40	QPSK	1	53	20.67	20.79	20.69		
40	QPSK	1	104	20.73	20.81	20.73		
40	QPSK	50	0	19.80	19.79	19.80	21.0	1.0
40	QPSK	50	28	20.70	20.76	20.75	22.0	0.0
40	QPSK	50	56	19.77	19.86	19.84	21.0	1.0
40	QPSK	100	0	19.83	19.91	19.82		
40	16QAM	1	1	19.83	19.83	19.77	21.0	1.0
40	64QAM	1	1	18.26	18.32	18.38	19.5	2.5
40	256QAM	1	1	16.30	16.41	16.31	17.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.54	20.58	20.53	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.55	20.59	20.48	22.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.55	20.55	20.58	22.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.48	20.51	20.54	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.76	20.88	20.86	22.0	0.0
100	PI/2 BPSK	1	137	20.79	20.83	20.81		
100	PI/2 BPSK	1	271	20.74	20.86	20.85		
100	PI/2 BPSK	135	0	20.42	20.48	20.38	21.5	0.5
100	PI/2 BPSK	135	69	20.83	20.88	20.84	22.0	0.0
100	PI/2 BPSK	135	138	20.41	20.44	20.43	21.5	0.5
100	PI/2 BPSK	270	0	20.38	20.38	20.41		
100	QPSK	1	1	20.89	20.94	20.91	22.0	0.0
100	QPSK	1	137	20.75	20.84	20.77		
100	QPSK	1	271	20.81	20.84	20.80		
100	QPSK	135	0	19.94	19.95	19.89	21.0	1.0
100	QPSK	135	69	20.78	20.85	20.81	22.0	0.0
100	QPSK	135	138	19.92	19.99	19.88	21.0	1.0
100	QPSK	270	0	19.93	19.97	19.92		
100	16QAM	1	1	19.84	19.92	19.92	21.0	1.0
100	64QAM	1	1	18.36	18.43	18.43	19.5	2.5
100	256QAM	1	1	16.41	16.42	16.39	17.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.61	20.61	20.60	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.60	20.69	20.66	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.82	20.83	20.82	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.65	20.59	20.56	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.61	20.60	20.63	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.64	20.60	20.58	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.61	20.68	20.58	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.60	20.65	20.60	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.55	20.63	20.58	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.59	20.69	20.65	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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.39	22.45	22.41	24.0	0.0
20	PI/2 BPSK	1	53	22.35	22.42	22.30		
20	PI/2 BPSK	1	104	22.25	22.41	22.31		
20	PI/2 BPSK	50	0	21.95	22.01	21.96	23.5	0.5
20	PI/2 BPSK	50	28	22.33	22.37	22.32	24.0	0.0
20	PI/2 BPSK	50	56	21.81	21.95	21.87	23.5	0.5
20	PI/2 BPSK	100	0	21.87	22.01	21.85		
20	QPSK	1	1	22.47	22.50	22.44	24.0	0.0
20	QPSK	1	53	22.33	22.39	22.33		
20	QPSK	1	104	22.31	22.36	22.25		
20	QPSK	50	0	21.41	21.50	21.41	23.0	1.0
20	QPSK	50	28	22.34	22.43	22.30	24.0	0.0
20	QPSK	50	56	21.40	21.46	21.33	23.0	1.0
20	QPSK	100	0	21.41	21.47	21.40		
20	16QAM	1	1	21.43	21.58	21.46	23.0	1.0
20	64QAM	1	1	20.12	20.17	20.01	21.5	2.5
20	256QAM	1	1	18.35	18.43	18.37	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.23	22.29	22.24	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.21	22.28	22.20	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.20	22.35	22.22	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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.41	22.55	22.51	24.0	0.0
20	PI/2 BPSK	1	53	22.35	22.48	22.32		
20	PI/2 BPSK	1	104	22.39	22.51	22.44		
20	PI/2 BPSK	50	0	22.08	22.13	21.99	23.5	0.5
20	PI/2 BPSK	50	28	22.47	22.51	22.44	24.0	0.0
20	PI/2 BPSK	50	56	21.97	22.03	21.90	23.5	0.5
20	PI/2 BPSK	100	0	21.96	22.06	21.94		
20	QPSK	1	1	22.49	22.56	22.53	24.0	0.0
20	QPSK	1	53	22.35	22.45	22.34		
20	QPSK	1	104	22.39	22.48	22.37		
20	QPSK	50	0	21.52	21.62	21.49	23.0	1.0
20	QPSK	50	28	22.30	22.41	22.31	24.0	0.0
20	QPSK	50	56	21.40	21.51	21.36	23.0	1.0
20	QPSK	100	0	21.42	21.55	21.48		
20	16QAM	1	1	21.37	21.49	21.34	23.0	1.0
20	64QAM	1	1	19.89	20.05	19.90	21.5	2.5
20	256QAM	1	1	18.25	18.39	18.25	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.26	22.31	22.19	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.24	22.39	22.21	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.19	22.32	22.29	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.52	22.58	22.46	24.0	0.0
40	PI/2 BPSK	1	108	22.36	22.46	22.37		
40	PI/2 BPSK	1	214	22.41	22.45	22.38		
40	PI/2 BPSK	108	0	21.87	22.03	21.94	23.5	0.5
40	PI/2 BPSK	108	54	22.40	22.49	22.38	24.0	0.0
40	PI/2 BPSK	108	108	21.78	21.93	21.78	23.5	0.5
40	PI/2 BPSK	216	0	21.81	21.95	21.86		
40	QPSK	1	1	22.56	22.62	22.55	24.0	0.0
40	QPSK	1	108	22.38	22.48	22.41		
40	QPSK	1	214	22.47	22.52	22.47		
40	QPSK	108	0	21.48	21.55	21.44	23.0	1.0
40	QPSK	108	54	22.45	22.52	22.43	24.0	0.0
40	QPSK	108	108	21.38	21.43	21.29	23.0	1.0
40	QPSK	216	0	21.37	21.45	21.37		
40	16QAM	1	1	21.19	21.29	21.16	23.0	1.0
40	64QAM	1	1	20.03	20.08	19.94	21.5	2.5
40	256QAM	1	1	17.92	18.07	18.02	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.27	22.38	22.28	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.29	22.41	22.26	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.31	22.38	22.26	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.23	22.34	22.35	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.33	22.43	22.27	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.24	22.39	22.33	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.38	22.51	22.45	24.0	0.0
20	PI/2 BPSK	1	53	22.30	22.39	22.26		
20	PI/2 BPSK	1	104	22.31	22.46	22.37		
20	PI/2 BPSK	50	0	22.04	22.16	22.11	23.5	0.5
20	PI/2 BPSK	50	28	22.29	22.38	22.32	24.0	0.0
20	PI/2 BPSK	50	56	21.89	22.00	21.88	23.5	0.5
20	PI/2 BPSK	100	0	22.02	22.07	22.00		
20	QPSK	1	1	22.47	22.56	22.49	24.0	0.0
20	QPSK	1	53	22.40	22.46	22.38		
20	QPSK	1	104	22.41	22.52	22.40		
20	QPSK	50	0	21.58	21.66	21.51	23.0	1.0
20	QPSK	50	28	22.39	22.46	22.42	24.0	0.0
20	QPSK	50	56	21.37	21.52	21.36	23.0	1.0
20	QPSK	100	0	21.49	21.55	21.46		
20	16QAM	1	1	21.40	21.49	21.34	23.0	1.0
20	64QAM	1	1	19.98	20.02	19.97	21.5	2.5
20	256QAM	1	1	18.25	18.30	18.17	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.36	22.47	22.39	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.32	22.50	22.37	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.34	22.46	22.39	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.64	22.69	22.59	24.0	0.0
40	PI/2 BPSK	1	108	22.49	22.63	22.55		
40	PI/2 BPSK	1	214	22.52	22.58	22.54		
40	PI/2 BPSK	108	0	22.32	22.37	22.33	23.5	0.5
40	PI/2 BPSK	108	54	22.47	22.60	22.50	24.0	0.0
40	PI/2 BPSK	108	108	22.16	22.26	22.13	23.5	0.5
40	PI/2 BPSK	216	0	22.06	22.18	22.04		
40	QPSK	1	1	22.68	22.72	22.62	24.0	0.0
40	QPSK	1	108	22.48	22.57	22.52		
40	QPSK	1	214	22.54	22.64	22.52		
40	QPSK	108	0	21.63	21.79	21.69	23.0	1.0
40	QPSK	108	54	22.50	22.58	22.47	24.0	0.0
40	QPSK	108	108	21.64	21.76	21.71	23.0	1.0
40	QPSK	216	0	21.52	21.61	21.48		
40	16QAM	1	1	21.48	21.63	21.49	23.0	1.0
40	64QAM	1	1	19.98	20.05	19.93	21.5	2.5
40	256QAM	1	1	18.60	18.65	18.57	19.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.59	22.62	22.47	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.58	22.61	22.55	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.63	22.60	22.53	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.53	22.65	22.55	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.63	22.58	22.48	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.57	22.63	22.51	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.62	22.62	22.47	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.91	21.00	20.85	22.5	0.0
40	PI/2 BPSK	1	53	20.83	20.91	20.79		
40	PI/2 BPSK	1	104	20.76	20.87	20.78		
40	PI/2 BPSK	50	0	20.32	20.46	20.36	22.0	0.5
40	PI/2 BPSK	50	28	20.81	20.90	20.84	22.5	0.0
40	PI/2 BPSK	50	56	20.37	20.42	20.37	22.0	0.5
40	PI/2 BPSK	100	0	20.26	20.38	20.22		
40	QPSK	1	1	20.96	21.02	21.00	22.5	0.0
40	QPSK	1	53	20.78	20.91	20.81		
40	QPSK	1	104	20.79	20.88	20.82		
40	QPSK	50	0	19.93	19.97	19.90	21.5	1.0
40	QPSK	50	28	20.83	20.93	20.80	22.5	0.0
40	QPSK	50	56	19.75	19.91	19.85	21.5	1.0
40	QPSK	100	0	19.81	19.92	19.83		
40	16QAM	1	1	19.71	19.81	19.76	21.5	1.0
40	64QAM	1	1	18.17	18.32	18.20	20.0	2.5
40	256QAM	1	1	16.52	16.60	16.52	18.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.62	20.76	20.70	22.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.72	20.76	20.68	22.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.70	20.82	20.76	22.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.68	20.76	20.66	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.93	21.04	20.94	22.5	0.0
100	PI/2 BPSK	1	137	20.90	20.96	20.89		
100	PI/2 BPSK	1	271	20.77	20.90	20.84		
100	PI/2 BPSK	135	0	20.47	20.63	20.59	22.0	0.5
100	PI/2 BPSK	135	69	20.86	20.94	20.87	22.5	0.0
100	PI/2 BPSK	135	138	20.51	20.64	20.55	22.0	0.5
100	PI/2 BPSK	270	0	20.51	20.59	20.46		
100	QPSK	1	1	21.05	21.08	20.97	22.5	0.0
100	QPSK	1	137	20.90	21.02	20.95		
100	QPSK	1	271	20.87	20.92	20.78		
100	QPSK	135	0	19.99	20.13	20.08	21.5	1.0
100	QPSK	135	69	20.83	20.98	20.88	22.5	0.0
100	QPSK	135	138	20.05	20.10	19.97	21.5	1.0
100	QPSK	270	0	19.84	19.97	19.88		
100	16QAM	1	1	19.87	20.01	19.90	21.5	1.0
100	64QAM	1	1	18.29	18.39	18.26	20.0	2.5
100	256QAM	1	1	16.91	17.03	16.96	18.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.76	20.86	20.84	22.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.76	20.97	20.86	22.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.97	21.01	20.82	22.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.86	20.93	20.82	22.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.80	20.97	20.84	22.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.83	20.86	20.83	22.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.76	20.95	20.86	22.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.85	20.96	20.86	22.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.78	20.87	20.89	22.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.79	20.89	20.80	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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.62	22.70	22.58	24.0	0.0
20	PI/2 BPSK	1	53	22.50	22.55	22.39		
20	PI/2 BPSK	1	104	22.51	22.56	22.43		
20	PI/2 BPSK	50	0	22.07	22.19	22.11	23.5	0.5
20	PI/2 BPSK	50	28	22.45	22.57	22.52	24.0	0.0
20	PI/2 BPSK	50	56	22.03	22.14	22.08	23.5	0.5
20	PI/2 BPSK	100	0	21.98	22.07	21.97		
20	QPSK	1	1	22.68	22.72	22.70	24.0	0.0
20	QPSK	1	53	22.50	22.58	22.53		
20	QPSK	1	104	22.61	22.66	22.52		
20	QPSK	50	0	21.61	21.66	21.62	23.0	1.0
20	QPSK	50	28	22.54	22.61	22.55	24.0	0.0
20	QPSK	50	56	21.46	21.60	21.50	23.0	1.0
20	QPSK	100	0	21.49	21.61	21.49		
20	16QAM	1	1	21.22	21.30	21.15	23.0	1.0
20	64QAM	1	1	20.02	20.08	19.99	21.5	2.5
20	256QAM	1	1	18.26	18.35	18.29	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.42	22.51	22.40	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.39	22.46	22.42	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.42	22.48	22.38	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.44	22.50	22.42	24.0	0.0
40	PI/2 BPSK	1	108	22.23	22.39	22.29		
40	PI/2 BPSK	1	214	22.37	22.41	22.25		
40	PI/2 BPSK	108	0	21.93	22.07	22.00	23.5	0.5
40	PI/2 BPSK	108	54	22.28	22.40	22.26	24.0	0.0
40	PI/2 BPSK	108	108	22.04	22.18	22.05	23.5	0.5
40	PI/2 BPSK	216	0	22.02	22.12	22.01		
40	QPSK	1	1	22.58	22.63	22.61	24.0	0.0
40	QPSK	1	108	22.43	22.52	22.38		
40	QPSK	1	214	22.43	22.50	22.44		
40	QPSK	108	0	21.38	21.54	21.43	23.0	1.0
40	QPSK	108	54	22.49	22.54	22.40	24.0	0.0
40	QPSK	108	108	21.42	21.52	21.42	23.0	1.0
40	QPSK	216	0	21.38	21.46	21.31		
40	16QAM	1	1	21.41	21.48	21.44	23.0	1.0
40	64QAM	1	1	19.66	19.75	19.64	21.5	2.5
40	256QAM	1	1	17.98	18.07	17.95	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.29	22.44	22.31	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.37	22.44	22.32	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.33	22.41	22.33	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.32	22.39	22.23	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.39	22.38	22.24	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.36	22.36	22.31	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.43	22.55	22.41	24.0	0.0
40	PI/2 BPSK	1	108	22.36	22.46	22.36		
40	PI/2 BPSK	1	214	22.45	22.50	22.42		
40	PI/2 BPSK	108	0	22.01	22.09	22.05	23.5	0.5
40	PI/2 BPSK	108	54	22.33	22.45	22.34	24.0	0.0
40	PI/2 BPSK	108	108	21.92	22.02	21.92	23.5	0.5
40	PI/2 BPSK	216	0	21.99	22.03	21.94		
40	QPSK	1	1	22.51	22.58	22.52	24.0	0.0
40	QPSK	1	108	22.40	22.52	22.43		
40	QPSK	1	214	22.44	22.53	22.48		
40	QPSK	108	0	21.42	21.58	21.42	23.0	1.0
40	QPSK	108	54	22.41	22.53	22.42	24.0	0.0
40	QPSK	108	108	21.47	21.51	21.45	23.0	1.0
40	QPSK	216	0	21.33	21.47	21.35		
40	16QAM	1	1	21.27	21.33	21.21	23.0	1.0
40	64QAM	1	1	19.76	19.81	19.76	21.5	2.5
40	256QAM	1	1	18.26	18.37	18.27	19.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.27	22.42	22.31	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.27	22.38	22.39	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.30	22.48	22.36	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.34	22.37	22.29	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.26	22.45	22.35	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.27	22.46	22.29	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.34	22.40	22.35	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.36	22.45	22.38	24.0	0.0
40	PI/2 BPSK	1	53	22.18	22.30	22.15		
40	PI/2 BPSK	1	104	22.27	22.39	22.29		
40	PI/2 BPSK	50	0	21.89	22.01	21.88	23.5	0.5
40	PI/2 BPSK	50	28	22.35	22.39	22.27	24.0	0.0
40	PI/2 BPSK	50	56	21.98	22.12	22.00	23.5	0.5
40	PI/2 BPSK	100	0	21.91	22.01	21.96		
40	QPSK	1	1	22.49	22.56	22.53	24.0	0.0
40	QPSK	1	53	22.37	22.48	22.32		
40	QPSK	1	104	22.36	22.51	22.39		
40	QPSK	50	0	21.49	21.55	21.51	23.0	1.0
40	QPSK	50	28	22.38	22.50	22.38	24.0	0.0
40	QPSK	50	56	21.42	21.52	21.37	23.0	1.0
40	QPSK	100	0	21.34	21.48	21.34		
40	16QAM	1	1	21.38	21.48	21.36	23.0	1.0
40	64QAM	1	1	19.78	19.87	19.83	21.5	2.5
40	256QAM	1	1	18.04	18.13	18.08	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.22	22.34	22.24	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.30	22.32	22.20	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.32	22.38	22.19	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.27	22.38	22.24	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.59	22.65	22.55	24.0	0.0
100	PI/2 BPSK	1	137	22.38	22.53	22.43		
100	PI/2 BPSK	1	271	22.53	22.60	22.49		
100	PI/2 BPSK	135	0	21.95	22.11	22.01	23.5	0.5
100	PI/2 BPSK	135	69	22.47	22.57	22.49	24.0	0.0
100	PI/2 BPSK	135	138	22.16	22.23	22.15	23.5	0.5
100	PI/2 BPSK	270	0	21.93	22.01	21.90		
100	QPSK	1	1	22.57	22.66	22.61	24.0	0.0
100	QPSK	1	137	22.48	22.58	22.49		
100	QPSK	1	271	22.44	22.54	22.39		
100	QPSK	135	0	21.49	21.61	21.52	23.0	1.0
100	QPSK	135	69	22.52	22.56	22.45	24.0	0.0
100	QPSK	135	138	21.61	21.75	21.68	23.0	1.0
100	QPSK	270	0	21.54	21.59	21.44		
100	16QAM	1	1	21.49	21.53	21.42	23.0	1.0
100	64QAM	1	1	19.83	19.98	19.85	21.5	2.5
100	256QAM	1	1	17.90	17.98	17.82	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	22.32	22.45	22.34	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.40	22.45	22.41	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	22.49	22.58	22.56	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	22.40	22.49	22.40	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	22.39	22.52	22.44	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	22.34	22.52	22.43	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	22.34	22.52	22.45	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.44	22.52	22.40	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	22.33	22.45	22.42	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	22.35	22.52	22.40	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	22.44	22.55	22.43	24.0	0.0
100	PI/2 BPSK	1	137	22.42	22.48	22.49		
100	PI/2 BPSK	1	271	22.43	22.51	22.49		
100	PI/2 BPSK	135	0	21.97	22.05	21.97	23.5	0.5
100	PI/2 BPSK	135	69	22.36	22.50	22.43	24.0	0.0
100	PI/2 BPSK	135	138	21.98	22.10	22.09	23.5	0.5
100	PI/2 BPSK	270	0	22.06	22.06	22.08		
100	QPSK	1	1	22.50	22.59	22.53	24.0	0.0
100	QPSK	1	137	22.43	22.50	22.46		
100	QPSK	1	271	22.36	22.56	22.42		
100	QPSK	135	0	21.50	21.54	21.57	23.0	1.0
100	QPSK	135	69	22.35	22.46	22.43	24.0	0.0
100	QPSK	135	138	21.54	21.54	21.55	23.0	1.0
100	QPSK	270	0	21.54	21.58	21.53		
100	16QAM	1	1	21.53	21.56	21.51	23.0	1.0
100	64QAM	1	1	20.02	20.04	20.03	21.5	2.5
100	256QAM	1	1	18.03	18.12	18.09	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.37	22.49	22.38	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.33	22.42	22.37	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.38	22.48	22.37	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.43	22.43	22.38	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.42	22.53	22.42	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.38	22.48	22.41	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.38	22.44	22.45	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.36	22.49	22.42	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.35	22.52	22.44	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.35	22.50	22.37	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	25.27	25.34	25.24	27.0	0.0
100	PI/2 BPSK	1	137	25.20	25.27	25.07		
100	PI/2 BPSK	1	271	25.22	25.22	25.18		
100	PI/2 BPSK	135	0	24.91	24.99	24.91	26.5	0.5
100	PI/2 BPSK	135	69	25.28	25.31	25.25	27.0	0.0
100	PI/2 BPSK	135	138	24.86	24.98	24.88	26.5	0.5
100	PI/2 BPSK	270	0	24.89	24.96	24.90		
100	QPSK	1	1	25.40	25.44	25.35	27.0	0.0
100	QPSK	1	137	25.36	25.35	25.21		
100	QPSK	1	271	25.35	25.35	25.32		
100	QPSK	135	0	24.45	24.38	24.36	26.0	1.0
100	QPSK	135	69	25.33	25.36	25.20	27.0	0.0
100	QPSK	135	138	24.43	24.42	24.40	26.0	1.0
100	QPSK	270	0	24.40	24.49	24.29		
100	16QAM	1	1	24.39	24.46	24.30	26.0	1.0
100	64QAM	1	1	22.93	22.94	22.82	24.5	2.5
100	256QAM	1	1	20.92	20.92	20.83	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	25.34	25.40	25.29	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	25.26	25.41	25.22	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.27	25.32	25.31	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	25.26	25.39	25.25	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	25.31	25.32	25.21	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.30	25.30	25.29	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	25.27	25.36	25.25	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	25.31	25.37	25.26	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	25.33	25.33	25.32	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.32	25.38	25.23	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		22.44		24.0	0.0
100	PI/2 BPSK	1	137		22.37			
100	PI/2 BPSK	1	271		22.41			
100	PI/2 BPSK	135	0		22.01		23.5	0.5
100	PI/2 BPSK	135	69		22.42		24.0	0.0
100	PI/2 BPSK	135	138		21.96		23.5	0.5
100	PI/2 BPSK	270	0		21.96			
100	QPSK	1	1		22.47		24.0	0.0
100	QPSK	1	137		22.35			
100	QPSK	1	271		22.44			
100	QPSK	135	0		21.40		23.0	1.0
100	QPSK	135	69		22.32		24.0	0.0
100	QPSK	135	138		21.41		23.0	1.0
100	QPSK	270	0		21.50			
100	16QAM	1	1		21.46		23.0	1.0
100	64QAM	1	1		19.92		21.5	2.5
100	256QAM	1	1		18.05		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.29	22.39	22.30	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.30	22.37	22.23	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.26	22.39	22.26	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.29	22.38	22.31	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.34	22.36	22.29	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.32	22.40	22.35	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.32	22.45	22.26	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.29	22.37	22.28	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.26	22.40	22.25	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.28	22.35	22.27	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.28		27.0	0.0
100	PI/2 BPSK	1	137		25.21			
100	PI/2 BPSK	1	271		25.10			
100	PI/2 BPSK	135	0		24.95		26.5	0.5
100	PI/2 BPSK	135	69		25.23		27.0	0.0
100	PI/2 BPSK	135	138		24.85		26.5	0.5
100	PI/2 BPSK	270	0		24.92			
100	QPSK	1	1		25.40		27.0	0.0
100	QPSK	1	137		25.29			
100	QPSK	1	271		25.23			
100	QPSK	135	0		24.23		26.0	1.0
100	QPSK	135	69		25.33		27.0	0.0
100	QPSK	135	138		24.37		26.0	1.0
100	QPSK	270	0		24.46			
100	16QAM	1	1		24.41		26.0	1.0
100	64QAM	1	1		22.80		24.5	2.5
100	256QAM	1	1		20.78		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	25.27	25.29	25.25	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	25.21	25.36	25.16	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.22	25.35	25.25	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	25.22	25.37	25.24	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	25.28	25.30	25.20	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.24	25.31	25.22	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	25.27	25.29	25.22	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	25.24	25.27	25.17	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	25.20	25.31	25.24	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.19	25.32	25.16	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.59	22.69	22.72	24.0	0.0
100	PI/2 BPSK	1	137	22.64	22.69	22.72		
100	PI/2 BPSK	1	271	22.64	22.64	22.64		
100	PI/2 BPSK	135	0	22.27	22.26	22.30	23.5	0.5
100	PI/2 BPSK	135	69	22.64	22.68	22.60	24.0	0.0
100	PI/2 BPSK	135	138	22.19	22.26	22.29	23.5	0.5
100	PI/2 BPSK	270	0	22.22	22.33	22.22		
100	QPSK	1	1	22.72	22.79	22.75	24.0	0.0
100	QPSK	1	137	22.58	22.72	22.65		
100	QPSK	1	271	22.57	22.76	22.71		
100	QPSK	135	0	21.67	21.76	21.72	23.0	1.0
100	QPSK	135	69	22.59	22.74	22.71	24.0	0.0
100	QPSK	135	138	21.75	21.73	21.78	23.0	1.0
100	QPSK	270	0	21.74	21.78	21.72		
100	16QAM	1	1	21.77	21.74	21.70	23.0	1.0
100	64QAM	1	1	20.23	20.31	20.23	21.5	2.5
100	256QAM	1	1	18.22	18.32	18.27	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.64	22.68	22.58	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.61	22.64	22.68	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.55	22.72	22.64	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.58	22.67	22.60	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.58	22.72	22.59	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.54	22.67	22.65	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.59	22.65	22.64	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.61	22.64	22.65	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.62	22.64	22.68	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.65	22.67	22.67	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	25.61	25.75	25.76	27.0	0.0
100	PI/2 BPSK	1	137	25.61	25.66	25.71		
100	PI/2 BPSK	1	271	25.61	25.61	25.64		
100	PI/2 BPSK	135	0	25.31	25.27	25.26	26.5	0.5
100	PI/2 BPSK	135	69	25.60	25.64	25.61	27.0	0.0
100	PI/2 BPSK	135	138	25.20	25.28	25.26	26.5	0.5
100	PI/2 BPSK	270	0	25.27	25.33	25.20		
100	QPSK	1	1	25.76	25.82	25.77	27.0	0.0
100	QPSK	1	137	25.53	25.71	25.69		
100	QPSK	1	271	25.53	25.76	25.73		
100	QPSK	135	0	24.69	24.78	24.68	26.0	1.0
100	QPSK	135	69	25.73	25.79	25.74	27.0	0.0
100	QPSK	135	138	24.74	24.71	24.80	26.0	1.0
100	QPSK	270	0	24.71	24.76	24.74		
100	16QAM	1	1	24.80	24.70	24.71	26.0	1.0
100	64QAM	1	1	23.20	23.28	23.20	24.5	2.5
100	256QAM	1	1	21.21	21.28	21.33	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	25.64	25.71	25.64	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	25.60	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	25.60	25.65	25.63	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	25.66	25.71	25.65	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	25.60	25.72	25.64	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.70	25.67	25.64	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	25.69	25.70	25.70	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	25.62	25.67	25.67	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	25.59	25.70	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	25.63	25.65	25.65	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		22.64		24.0	0.0
100	PI/2 BPSK	1	137		22.62			
100	PI/2 BPSK	1	271		22.58			
100	PI/2 BPSK	135	0		22.18		23.5	0.5
100	PI/2 BPSK	135	69		22.56		24.0	0.0
100	PI/2 BPSK	135	138		22.23		23.5	0.5
100	PI/2 BPSK	270	0		22.24			
100	QPSK	1	1		22.75		24.0	0.0
100	QPSK	1	137		22.67			
100	QPSK	1	271		22.71			
100	QPSK	135	0		21.70		23.0	1.0
100	QPSK	135	69		22.70		24.0	0.0
100	QPSK	135	138		21.68		23.0	1.0
100	QPSK	270	0		21.64			
100	16QAM	1	1		21.63		23.0	1.0
100	64QAM	1	1		20.26		21.5	2.5
100	256QAM	1	1		18.28		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.54	22.58	22.46	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.56	22.64	22.50	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.51	22.60	22.45	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.61	22.59	22.47	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.58	22.64	22.43	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.54	22.57	22.50	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.57	22.62	22.49	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.54	22.64	22.46	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.54	22.59	22.49	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.53	22.57	22.45	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.61		27.0	0.0
100	PI/2 BPSK	1	137		25.62			
100	PI/2 BPSK	1	271		25.56			
100	PI/2 BPSK	135	0		25.21		26.5	0.5
100	PI/2 BPSK	135	69		25.50		27.0	0.0
100	PI/2 BPSK	135	138		25.24		26.5	0.5
100	PI/2 BPSK	270	0		25.26			
100	QPSK	1	1		25.77		27.0	0.0
100	QPSK	1	137		25.59			
100	QPSK	1	271		25.72			
100	QPSK	135	0		24.72		26.0	1.0
100	QPSK	135	69		25.68		27.0	0.0
100	QPSK	135	138		24.65		26.0	1.0
100	QPSK	270	0		24.70			
100	16QAM	1	1		24.56		26.0	1.0
100	64QAM	1	1		23.18		24.5	2.5
100	256QAM	1	1		21.24		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	25.50	25.67	25.60	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	25.52	25.65	25.50	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.56	25.64	25.57	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	25.50	25.68	25.61	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	25.54	25.56	25.59	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.60	25.61	25.54	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	25.57	25.60	25.58	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	25.56	25.61	25.53	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	25.60	25.64	25.55	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.55	25.67	25.56	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.49	22.54	22.48	24.0	0.0
100	PI/2 BPSK	1	137	22.51	22.61	22.48		
100	PI/2 BPSK	1	271	22.49	22.59	22.53		
100	PI/2 BPSK	135	0	22.10	22.10	22.17	23.5	0.5
100	PI/2 BPSK	135	69	22.56	22.52	22.52	24.0	0.0
100	PI/2 BPSK	135	138	22.05	22.16	22.09	23.5	0.5
100	PI/2 BPSK	270	0	22.08	22.17	22.12		
100	QPSK	1	1	22.59	22.65	22.62	24.0	0.0
100	QPSK	1	137	22.51	22.54	22.57		
100	QPSK	1	271	22.46	22.61	22.54		
100	QPSK	135	0	21.63	21.61	21.59	23.0	1.0
100	QPSK	135	69	22.53	22.62	22.50	24.0	0.0
100	QPSK	135	138	21.57	21.63	21.58	23.0	1.0
100	QPSK	270	0	21.58	21.69	21.67		
100	16QAM	1	1	21.55	21.63	21.59	23.0	1.0
100	64QAM	1	1	20.05	20.14	20.17	21.5	2.5
100	256QAM	1	1	18.04	18.13	18.17	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.42	22.54	22.51	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.51	22.51	22.54	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.45	22.50	22.53	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.45	22.53	22.50	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.41	22.52	22.52	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.52	22.48	22.46	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.51	22.57	22.56	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.46	22.50	22.49	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.50	22.56	22.47	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.43	22.58	22.46	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	25.49	25.53	25.50	27.0	0.0
100	PI/2 BPSK	1	137	25.54	25.61	25.44		
100	PI/2 BPSK	1	271	25.53	25.61	25.52		
100	PI/2 BPSK	135	0	25.12	25.11	25.17	26.5	0.5
100	PI/2 BPSK	135	69	25.60	25.57	25.48	27.0	0.0
100	PI/2 BPSK	135	138	25.01	25.22	25.05	26.5	0.5
100	PI/2 BPSK	270	0	25.05	25.14	25.17		
100	QPSK	1	1	25.60	25.69	25.59	27.0	0.0
100	QPSK	1	137	25.49	25.57	25.54		
100	QPSK	1	271	25.45	25.56	25.53		
100	QPSK	135	0	24.60	24.65	24.55	26.0	1.0
100	QPSK	135	69	25.49	25.58	25.55	27.0	0.0
100	QPSK	135	138	24.52	24.62	24.52	26.0	1.0
100	QPSK	270	0	24.59	24.71	24.65		
100	16QAM	1	1	24.51	24.68	24.55	26.0	1.0
100	64QAM	1	1	23.09	23.14	23.20	24.5	2.5
100	256QAM	1	1	21.01	21.10	21.15	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	25.46	25.60	25.54	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	25.48	25.60	25.53	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.51	25.63	25.51	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	25.47	25.63	25.54	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	25.48	25.65	25.47	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.55	25.59	25.48	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	25.50	25.60	25.55	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	25.46	25.57	25.50	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	25.56	25.65	25.50	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	25.60	25.49	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		22.45		24.0	0.0
100	PI/2 BPSK	1	137		22.47			
100	PI/2 BPSK	1	271		22.52			
100	PI/2 BPSK	135	0		22.07		23.5	0.5
100	PI/2 BPSK	135	69		22.48		24.0	0.0
100	PI/2 BPSK	135	138		22.04		23.5	0.5
100	PI/2 BPSK	270	0		22.05			
100	QPSK	1	1		22.59		24.0	0.0
100	QPSK	1	137		22.42			
100	QPSK	1	271		22.51			
100	QPSK	135	0		21.51		23.0	1.0
100	QPSK	135	69		22.53		24.0	0.0
100	QPSK	135	138		21.58		23.0	1.0
100	QPSK	270	0		21.60			
100	16QAM	1	1		21.54		23.0	1.0
100	64QAM	1	1		20.00		21.5	2.5
100	256QAM	1	1		18.01		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.33	22.46	22.36	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.31	22.44	22.42	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.33	22.44	22.43	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.28	22.39	22.48	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.33	22.42	22.36	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.34	22.42	22.47	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.35	22.51	22.36	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.28	22.49	22.43	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.28	22.50	22.38	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.38	22.50	22.43	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.40		27.0	0.0
100	PI/2 BPSK	1	137		25.55			
100	PI/2 BPSK	1	271		25.51			
100	PI/2 BPSK	135	0		25.01		26.5	0.5
100	PI/2 BPSK	135	69		25.47		27.0	0.0
100	PI/2 BPSK	135	138		25.18		26.5	0.5
100	PI/2 BPSK	270	0		25.04			
100	QPSK	1	1		25.62		27.0	0.0
100	QPSK	1	137		25.44			
100	QPSK	1	271		25.46			
100	QPSK	135	0		24.61		26.0	1.0
100	QPSK	135	69		25.45		27.0	0.0
100	QPSK	135	138		24.50		26.0	1.0
100	QPSK	270	0		24.58			
100	16QAM	1	1		24.57		26.0	1.0
100	64QAM	1	1		23.06		24.5	2.5
100	256QAM	1	1		21.05		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	25.37	25.55	25.51	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	25.38	25.47	25.40	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.42	25.53	25.40	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	25.32	25.57	25.44	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	25.33	25.54	25.48	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.38	25.54	25.50	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	25.32	25.48	25.50	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	25.34	25.53	25.50	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	25.38	25.55	25.47	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.36	25.55	25.48	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.18	22.15	22.11	24.0	0.0
100	PI/2 BPSK	1	137	22.13	22.21	22.17		
100	PI/2 BPSK	1	271	22.18	22.14	22.13		
100	PI/2 BPSK	135	0	21.73	21.82	21.70	23.5	0.5
100	PI/2 BPSK	135	69	22.14	22.24	22.21	24.0	0.0
100	PI/2 BPSK	135	138	21.73	21.82	21.72	23.5	0.5
100	PI/2 BPSK	270	0	21.69	21.82	21.74		
100	QPSK	1	1	22.23	22.29	22.25	24.0	0.0
100	QPSK	1	137	22.12	22.15	22.12		
100	QPSK	1	271	22.09	22.17	22.19		
100	QPSK	135	0	21.18	21.23	21.24	23.0	1.0
100	QPSK	135	69	22.13	22.25	22.11	24.0	0.0
100	QPSK	135	138	21.25	21.27	21.20	23.0	1.0
100	QPSK	270	0	21.23	21.34	21.22		
100	16QAM	1	1	21.26	21.28	21.28	23.0	1.0
100	64QAM	1	1	19.74	19.77	19.81	21.5	2.5
100	256QAM	1	1	17.72	17.75	17.76	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.10	22.22	22.13	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.10	22.23	22.11	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.16	22.21	22.13	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.12	22.22	22.17	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.16	22.25	22.21	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.16	22.24	22.15	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.16	22.17	22.14	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.11	22.15	22.16	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.11	22.18	22.21	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.11	22.18	22.16	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	25.16	25.21	25.16	27.0	0.0
100	PI/2 BPSK	1	137	25.15	25.26	25.15		
100	PI/2 BPSK	1	271	25.24	25.17	25.11		
100	PI/2 BPSK	135	0	24.67	24.84	24.74	26.5	0.5
100	PI/2 BPSK	135	69	25.15	25.25	25.22	27.0	0.0
100	PI/2 BPSK	135	138	24.77	24.83	24.77	26.5	0.5
100	PI/2 BPSK	270	0	24.68	24.81	24.71		
100	QPSK	1	1	25.24	25.28	25.24	27.0	0.0
100	QPSK	1	137	25.08	25.16	25.18		
100	QPSK	1	271	25.10	25.22	25.16		
100	QPSK	135	0	24.19	24.22	24.26	26.0	1.0
100	QPSK	135	69	25.14	25.19	25.12	27.0	0.0
100	QPSK	135	138	24.25	24.30	24.23	26.0	1.0
100	QPSK	270	0	24.23	24.31	24.25		
100	16QAM	1	1	24.21	24.22	24.23	26.0	1.0
100	64QAM	1	1	22.74	22.72	22.78	24.5	2.5
100	256QAM	1	1	20.77	20.75	20.70	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	25.15	25.24	25.13	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	25.15	25.14	25.15	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.10	25.19	25.11	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	25.17	25.24	25.19	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	25.19	25.24	25.14	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.13	25.20	25.18	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	25.14	25.22	25.14	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	25.09	25.22	25.14	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	25.12	25.15	25.11	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.21	25.20	25.20	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		22.07		24.0	0.0
100	PI/2 BPSK	1	137		22.06			
100	PI/2 BPSK	1	271		22.03			
100	PI/2 BPSK	135	0		21.78		23.5	0.5
100	PI/2 BPSK	135	69		22.20		24.0	0.0
100	PI/2 BPSK	135	138		21.73		23.5	0.5
100	PI/2 BPSK	270	0		21.74			
100	QPSK	1	1		22.22		24.0	0.0
100	QPSK	1	137		22.01			
100	QPSK	1	271		22.11			
100	QPSK	135	0		21.16		23.0	1.0
100	QPSK	135	69		22.12		24.0	0.0
100	QPSK	135	138		21.17		23.0	1.0
100	QPSK	270	0		21.28			
100	16QAM	1	1		21.15		23.0	1.0
100	64QAM	1	1		19.71		21.5	2.5
100	256QAM	1	1		17.71		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.02	22.07	22.01	24.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.03	22.15	22.07	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.06	22.17	22.08	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.03	22.13	22.01	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.02	22.19	22.07	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.02	22.08	22.06	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.02	22.09	22.10	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.06	22.15	22.05	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.05	22.13	22.02	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.01	22.12	22.01	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.07		27.0	0.0
100	PI/2 BPSK	1	137		25.15			
100	PI/2 BPSK	1	271		25.10			
100	PI/2 BPSK	135	0		24.70		26.5	0.5
100	PI/2 BPSK	135	69		25.16		27.0	0.0
100	PI/2 BPSK	135	138		24.76		26.5	0.5
100	PI/2 BPSK	270	0		24.69			
100	QPSK	1	1		25.23		27.0	0.0
100	QPSK	1	137		25.05			
100	QPSK	1	271		25.18			
100	QPSK	135	0		24.18		26.0	1.0
100	QPSK	135	69		25.13		27.0	0.0
100	QPSK	135	138		24.17		26.0	1.0
100	QPSK	270	0		24.24			
100	16QAM	1	1		24.08		26.0	1.0
100	64QAM	1	1		22.68		24.5	2.5
100	256QAM	1	1		20.67		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	25.01	25.20	25.07	27.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.08	25.14	25.09	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.07	25.17	25.03	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	25.11	25.10	25.05	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	25.04	25.13	25.05	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.11	25.18	25.09	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	25.10	25.10	25.04	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	25.10	25.20	25.06	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	25.04	25.10	25.01	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.02	25.18	25.03	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	22.67	22.82	22.76	24.0	0.0
40	PI/2 BPSK	1	53	22.68	22.77	22.70		
40	PI/2 BPSK	1	104	22.62	22.68	22.61		
40	PI/2 BPSK	50	0	22.15	22.24	22.15	23.5	0.5
40	PI/2 BPSK	50	28	22.58	22.66	22.58	24.0	0.0
40	PI/2 BPSK	50	56	22.40	22.46	22.33	23.5	0.5
40	PI/2 BPSK	100	0	22.30	22.41	22.31		
40	QPSK	1	1	22.81	22.91	22.90	24.0	0.0
40	QPSK	1	53	22.63	22.78	22.69		
40	QPSK	1	104	22.70	22.84	22.70		
40	QPSK	50	0	21.81	21.89	21.82	23.0	1.0
40	QPSK	50	28	22.73	22.78	22.69	24.0	0.0
40	QPSK	50	56	21.79	21.86	21.74	23.0	1.0
40	QPSK	100	0	21.69	21.81	21.69		
40	16QAM	1	1	21.80	21.88	21.77	23.0	1.0
40	64QAM	1	1	20.32	20.45	20.29	21.5	2.5
40	256QAM	1	1	18.46	18.52	18.38	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.54	22.69	22.60	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.51	22.74	22.62	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.51	22.72	22.60	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.48	22.73	22.59	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.87	22.92	22.87	24.0	0.0
100	PI/2 BPSK	1	137	22.74	22.79	22.72		
100	PI/2 BPSK	1	271	22.72	22.79	22.72		
100	PI/2 BPSK	135	0	22.42	22.46	22.37	23.5	0.5
100	PI/2 BPSK	135	69	22.74	22.81	22.75	24.0	0.0
100	PI/2 BPSK	135	138	22.46	22.54	22.48	23.5	0.5
100	PI/2 BPSK	270	0	22.35	22.41	22.34		
100	QPSK	1	1	22.81	22.96	22.88	24.0	0.0
100	QPSK	1	137	22.69	22.81	22.75		
100	QPSK	1	271	22.68	22.83	22.79		
100	QPSK	135	0	21.81	21.95	21.81	23.0	1.0
100	QPSK	135	69	22.75	22.85	22.72	24.0	0.0
100	QPSK	135	138	21.83	21.90	21.79	23.0	1.0
100	QPSK	270	0	21.77	21.84	21.69		
100	16QAM	1	1	21.84	21.90	21.78	23.0	1.0
100	64QAM	1	1	20.40	20.53	20.39	21.5	2.5
100	256QAM	1	1	18.25	18.38	18.33	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	22.60	22.72	22.64	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.65	22.75	22.60	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	22.75	22.83	22.75	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	22.62	22.76	22.65	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	22.59	22.77	22.67	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	22.62	22.65	22.61	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	22.60	22.71	22.61	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	22.63	22.68	22.69	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	22.64	22.69	22.70	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	22.63	22.73	22.69	24.0	0.0

Full&Default Power Mode Other PA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.37	21.48	21.41	23.0	0.0
20	PI/2 BPSK	1	53	21.34	21.37	21.35		
20	PI/2 BPSK	1	104	21.22	21.44	21.28		
20	PI/2 BPSK	50	0	20.90	20.99	21.01	22.5	0.5
20	PI/2 BPSK	50	28	21.27	21.35	21.36	23.0	0.0
20	PI/2 BPSK	50	56	20.79	20.99	20.87	22.5	0.5
20	PI/2 BPSK	100	0	20.89	21.04	20.88		
20	QPSK	1	1	21.44	21.49	21.39	23.0	0.0
20	QPSK	1	53	21.34	21.35	21.31		
20	QPSK	1	104	21.27	21.32	21.19		
20	QPSK	50	0	20.38	20.51	20.46	22.0	1.0
20	QPSK	50	28	21.31	21.42	21.26	23.0	0.0
20	QPSK	50	56	20.45	20.45	20.37	22.0	1.0
20	QPSK	100	0	20.43	20.51	20.36		
20	16QAM	1	1	20.42	20.53	20.46	22.0	1.0
20	64QAM	1	1	19.09	19.17	19.04	20.5	2.5
20	256QAM	1	1	17.36	17.46	17.35	18.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.33	21.37	21.25	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.38	21.41	21.25	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.30	21.35	21.36	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.02	21.04	20.92	22.5	0.0
40	PI/2 BPSK	1	108	20.90	21.01	20.92		
40	PI/2 BPSK	1	214	20.92	20.93	20.91		
40	PI/2 BPSK	108	0	20.39	20.55	20.41	22.0	0.5
40	PI/2 BPSK	108	54	20.84	20.93	20.89	22.5	0.0
40	PI/2 BPSK	108	108	20.24	20.46	20.32	22.0	0.5
40	PI/2 BPSK	216	0	20.36	20.42	20.38		
40	QPSK	1	1	21.02	21.14	21.08	22.5	0.0
40	QPSK	1	108	20.89	20.92	20.88		
40	QPSK	1	214	20.97	21.03	21.00		
40	QPSK	108	0	20.01	20.02	19.93	21.5	1.0
40	QPSK	108	54	21.01	21.07	20.93	22.5	0.0
40	QPSK	108	108	19.83	19.88	19.73	21.5	1.0
40	QPSK	216	0	19.85	19.91	19.86		
40	16QAM	1	1	19.66	19.78	19.72	21.5	1.0
40	64QAM	1	1	18.57	18.54	18.48	20.0	2.5
40	256QAM	1	1	16.46	16.52	16.52	18.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.89	21.02	21.04	22.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.95	21.01	21.05	22.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.99	21.11	21.01	22.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.90	21.02	20.96	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.98	21.04	20.99	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.91	21.00	20.94	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.44	22.46	22.42	24.0	0.0
40	PI/2 BPSK	1	108	22.24	22.49	22.33		
40	PI/2 BPSK	1	214	22.35	22.41	22.37		
40	PI/2 BPSK	108	0	22.14	22.16	22.15	23.5	0.5
40	PI/2 BPSK	108	54	22.22	22.41	22.34	24.0	0.0
40	PI/2 BPSK	108	108	21.99	22.01	21.96	23.5	0.5
40	PI/2 BPSK	216	0	21.89	22.03	21.78		
40	QPSK	1	1	22.44	22.58	22.38	24.0	0.0
40	QPSK	1	108	22.27	22.40	22.31		
40	QPSK	1	214	22.38	22.43	22.26		
40	QPSK	108	0	21.39	21.53	21.48	23.0	1.0
40	QPSK	108	54	22.24	22.36	22.29	24.0	0.0
40	QPSK	108	108	21.49	21.55	21.55	23.0	1.0
40	QPSK	216	0	21.29	21.38	21.30		
40	16QAM	1	1	21.27	21.44	21.26	23.0	1.0
40	64QAM	1	1	19.82	19.90	19.74	21.5	2.5
40	256QAM	1	1	18.40	18.49	18.32	19.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.40	22.50	22.27	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.31	22.47	22.26	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.41	22.51	22.31	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.29	22.48	22.24	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.34	22.54	22.32	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.35	22.45	22.30	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.31	22.50	22.34	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.54	21.61	21.45	23.0	0.0
20	PI/2 BPSK	1	53	21.36	21.46	21.35		
20	PI/2 BPSK	1	104	21.39	21.48	21.39		
20	PI/2 BPSK	50	0	20.97	21.13	21.01	22.5	0.5
20	PI/2 BPSK	50	28	21.30	21.51	21.48	23.0	0.0
20	PI/2 BPSK	50	56	20.88	21.00	21.01	22.5	0.5
20	PI/2 BPSK	100	0	20.92	20.94	20.83		
20	QPSK	1	1	21.60	21.67	21.57	23.0	0.0
20	QPSK	1	53	21.42	21.44	21.48		
20	QPSK	1	104	21.51	21.54	21.48		
20	QPSK	50	0	20.50	20.57	20.51	22.0	1.0
20	QPSK	50	28	21.49	21.50	21.49	23.0	0.0
20	QPSK	50	56	20.31	20.55	20.38	22.0	1.0
20	QPSK	100	0	20.35	20.57	20.42		
20	16QAM	1	1	20.17	20.20	20.08	22.0	1.0
20	64QAM	1	1	18.89	18.94	18.92	20.5	2.5
20	256QAM	1	1	17.19	17.27	17.24	18.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.53	21.59	21.51	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.47	21.55	21.48	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.51	21.58	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.28	21.42	21.33	23.0	0.0
40	PI/2 BPSK	1	108	21.30	21.35	21.27		
40	PI/2 BPSK	1	214	21.34	21.36	21.29		
40	PI/2 BPSK	108	0	20.96	20.95	21.00	22.5	0.5
40	PI/2 BPSK	108	54	21.27	21.40	21.27	23.0	0.0
40	PI/2 BPSK	108	108	20.86	20.91	20.80	22.5	0.5
40	PI/2 BPSK	216	0	20.92	20.97	20.85		
40	QPSK	1	1	21.40	21.49	21.39	23.0	0.0
40	QPSK	1	108	21.25	21.44	21.39		
40	QPSK	1	214	21.33	21.45	21.42		
40	QPSK	108	0	20.33	20.52	20.31	22.0	1.0
40	QPSK	108	54	21.33	21.42	21.28	23.0	0.0
40	QPSK	108	108	20.33	20.37	20.34	22.0	1.0
40	QPSK	216	0	20.23	20.39	20.29		
40	16QAM	1	1	20.22	20.19	20.11	22.0	1.0
40	64QAM	1	1	18.65	18.73	18.64	20.5	2.5
40	256QAM	1	1	17.13	17.25	17.16	18.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.31	21.36	21.32	23.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.36	21.42	21.34	23.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.31	21.42	21.31	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.27	21.42	21.34	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.35	21.40	21.31	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.35	21.40	21.30	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.32	21.43	21.24	23.0	0.0

Reduced Power Mode for DSI2

n5 Ant 0 DSI2

BW [MHz]	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	167900		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.60	22.70	22.62	24.0	0.0
20	PI/2 BPSK	1	53	22.54	22.71	22.71		
20	PI/2 BPSK	1	104	22.53	22.76	22.72		
20	PI/2 BPSK	50	0	22.15	22.32	22.24	23.5	0.5
20	PI/2 BPSK	50	28	22.52	22.71	22.66	24.0	0.0
20	PI/2 BPSK	50	56	22.11	22.31	22.28	23.5	0.5
20	PI/2 BPSK	100	0	22.18	22.33	22.29		
20	QPSK	1	1	22.66	22.80	22.77	24.0	0.0
20	QPSK	1	53	22.50	22.64	22.64		
20	QPSK	1	104	22.53	22.70	22.61		
20	QPSK	50	0	21.63	21.74	21.71	23.0	1.0
20	QPSK	50	28	22.56	22.73	22.63	24.0	0.0
20	QPSK	50	56	21.65	21.81	21.76	23.0	1.0
20	QPSK	100	0	21.70	21.79	21.75		
20	16QAM	1	1	21.71	21.78	21.76	23.0	1.0
20	64QAM	1	1	20.15	20.27	20.28	21.5	2.5
20	256QAM	1	1	18.14	18.34	18.22	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.37	22.53	22.44	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.32	22.53	22.53	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.32	22.52	22.49	24.0	0.0

n26 Ant 0 DSI2

BW [MHz]	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	22.73	22.78	22.69	24.0	0.0
20	PI/2 BPSK	1	53	22.69	22.73	22.67		
20	PI/2 BPSK	1	104	22.73	22.82	22.68		
20	PI/2 BPSK	50	0	22.25	22.37	22.27	23.5	0.5
20	PI/2 BPSK	50	28	22.67	22.76	22.63	24.0	0.0
20	PI/2 BPSK	50	56	22.36	22.32	22.24	23.5	0.5
20	PI/2 BPSK	100	0	22.30	22.39	22.27		
20	QPSK	1	1	22.80	22.86	22.76	24.0	0.0
20	QPSK	1	53	22.72	22.80	22.66		
20	QPSK	1	104	22.74	22.81	22.70		
20	QPSK	50	0	21.78	21.92	21.79	23.0	1.0
20	QPSK	50	28	22.67	22.71	22.68	24.0	0.0
20	QPSK	50	56	21.79	21.81	21.79	23.0	1.0
20	QPSK	100	0	21.74	21.86	21.75		
20	16QAM	1	1	21.74	21.84	21.76	23.0	1.0
20	64QAM	1	1	20.34	20.39	20.24	21.5	2.5
20	256QAM	1	1	18.30	18.38	18.32	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.53	22.54	22.50	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.51	22.58	22.46	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.46	22.55	22.41	24.0	0.0

n38 Ant 0 DSI2

BW [MHz]	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	20.68	20.76	20.67	22.0	0.0
40	PI/2 BPSK	1	53	20.72	20.69	20.75		
40	PI/2 BPSK	1	104	20.71	20.80	20.69		
40	PI/2 BPSK	50	0	20.29	20.37	20.32	21.5	0.5
40	PI/2 BPSK	50	28	20.67	20.70	20.75	22.0	0.0
40	PI/2 BPSK	50	56	20.32	20.32	20.29	21.5	0.5
40	PI/2 BPSK	100	0	20.28	20.30	20.30		
40	QPSK	1	1	20.81	20.85	20.82	22.0	0.0
40	QPSK	1	53	20.67	20.79	20.69		
40	QPSK	1	104	20.73	20.81	20.73		
40	QPSK	50	0	19.80	19.79	19.80	21.0	1.0
40	QPSK	50	28	20.70	20.76	20.75	22.0	0.0
40	QPSK	50	56	19.77	19.86	19.84	21.0	1.0
40	QPSK	100	0	19.83	19.91	19.82		
40	16QAM	1	1	19.83	19.83	19.77	21.0	1.0
40	64QAM	1	1	18.26	18.32	18.38	19.5	2.5
40	256QAM	1	1	16.30	16.41	16.31	17.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.54	20.58	20.53	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.55	20.59	20.48	22.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.55	20.55	20.58	22.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.48	20.51	20.54	22.0	0.0

n41 Ant 0 DSI2

BW [MHz]	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	20.76	20.88	20.86	22.0	0.0
100	PI/2 BPSK	1	137	20.79	20.83	20.81		
100	PI/2 BPSK	1	271	20.74	20.86	20.85		
100	PI/2 BPSK	135	0	20.42	20.48	20.38	21.5	0.5
100	PI/2 BPSK	135	69	20.83	20.88	20.84	22.0	0.0
100	PI/2 BPSK	135	138	20.41	20.44	20.43	21.5	0.5
100	PI/2 BPSK	270	0	20.38	20.38	20.41		
100	QPSK	1	1	20.89	20.94	20.91	22.0	0.0
100	QPSK	1	137	20.75	20.84	20.77		
100	QPSK	1	271	20.81	20.84	20.80		
100	QPSK	135	0	19.94	19.95	19.89	21.0	1.0
100	QPSK	135	69	20.78	20.85	20.81	22.0	0.0
100	QPSK	135	138	19.92	19.99	19.88	21.0	1.0
100	QPSK	270	0	19.93	19.97	19.92		
100	16QAM	1	1	19.84	19.92	19.92	21.0	1.0
100	64QAM	1	1	18.36	18.43	18.43	19.5	2.5
100	256QAM	1	1	16.41	16.42	16.39	17.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.61	20.61	20.60	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	20.60	20.69	20.66	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.82	20.83	20.82	22.0	0.0
Channel				506200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.65	20.59	20.56	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.61	20.60	20.63	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.64	20.60	20.58	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.61	20.68	20.58	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.60	20.65	20.60	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.55	20.63	20.58	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.59	20.69	20.65	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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.96	16.04	16.01	17.5	0.0
20	PI/2 BPSK	1	53	15.99	16.08	16.07		
20	PI/2 BPSK	1	104	16.07	16.05	15.97		
20	PI/2 BPSK	50	0	16.04	16.07	16.07	17.5	0.0
20	PI/2 BPSK	50	28	16.06	16.01	16.04	17.5	0.0
20	PI/2 BPSK	50	56	15.98	16.08	15.97	17.5	0.0
20	PI/2 BPSK	100	0	15.98	16.09	16.01		
20	QPSK	1	1	16.10	16.15	16.12	17.5	0.0
20	QPSK	1	53	15.95	16.12	15.99		
20	QPSK	1	104	16.07	16.10	16.08		
20	QPSK	50	0	15.97	16.01	15.98	17.5	0.0
20	QPSK	50	28	15.99	16.13	16.07	17.5	0.0
20	QPSK	50	56	15.98	16.04	15.98	17.5	0.0
20	QPSK	100	0	16.00	16.07	16.01		
20	16QAM	1	1	16.05	16.04	16.00	17.5	0.0
20	64QAM	1	1	15.97	16.04	16.07	17.5	0.0
20	256QAM	1	1	16.04	16.03	15.97	17.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.04	16.06	15.98	17.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.04	16.02	15.99	17.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.00	16.10	16.08	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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.26	21.29	21.23	23.0	0.0
20	PI/2 BPSK	1	53	21.26	21.29	21.35		
20	PI/2 BPSK	1	104	21.22	21.32	21.25		
20	PI/2 BPSK	50	0	21.17	21.23	21.28	23.0	0.0
20	PI/2 BPSK	50	28	21.26	21.34	21.30	23.0	0.0
20	PI/2 BPSK	50	56	21.35	21.30	21.29	23.0	0.0
20	PI/2 BPSK	100	0	21.19	21.30	21.33		
20	QPSK	1	1	21.40	21.45	21.40	23.0	0.0
20	QPSK	1	53	21.28	21.33	21.31		
20	QPSK	1	104	21.20	21.28	21.29		
20	QPSK	50	0	21.24	21.40	21.23	23.0	0.0
20	QPSK	50	28	21.31	21.34	21.31	23.0	0.0
20	QPSK	50	56	21.19	21.21	21.27	23.0	0.0
20	QPSK	100	0	21.34	21.38	21.37		
20	16QAM	1	1	21.19	21.32	21.31	23.0	0.0
20	64QAM	1	1	19.88	19.86	19.94	21.5	1.5
20	256QAM	1	1	17.80	17.92	17.89	19.5	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.32	21.33	21.32	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.28	21.31	21.23	23.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.29	21.29	21.29	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.88	15.92	15.87	17.0	0.0
40	PI/2 BPSK	1	108	15.82	15.88	15.96		
40	PI/2 BPSK	1	214	15.94	15.87	15.94		
40	PI/2 BPSK	108	0	15.93	15.99	15.96	17.0	0.0
40	PI/2 BPSK	108	54	15.91	15.90	15.87	17.0	0.0
40	PI/2 BPSK	108	108	15.86	15.94	15.90	17.0	0.0
40	PI/2 BPSK	216	0	15.88	15.91	15.88		
40	QPSK	1	1	16.00	16.05	16.02	17.0	0.0
40	QPSK	1	108	15.87	15.92	15.93		
40	QPSK	1	214	15.84	15.92	15.84		
40	QPSK	108	0	15.91	15.95	15.95	17.0	0.0
40	QPSK	108	54	15.97	16.01	15.97	17.0	0.0
40	QPSK	108	108	15.82	15.96	15.92	17.0	0.0
40	QPSK	216	0	15.95	15.99	15.98		
40	16QAM	1	1	15.89	15.99	15.89	17.0	0.0
40	64QAM	1	1	15.86	15.88	15.90	17.0	0.0
40	256QAM	1	1	15.85	15.94	15.89	17.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.82	15.98	15.92	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	15.84	15.98	15.88	17.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.88	15.95	15.93	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	15.87	15.96	15.85	17.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.91	15.95	15.91	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	15.93	15.87	15.91	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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.29	21.33	21.34	23.0	0.0
20	PI/2 BPSK	1	53	21.28	21.39	21.38		
20	PI/2 BPSK	1	104	21.33	21.37	21.34		
20	PI/2 BPSK	50	0	21.26	21.30	21.38	23.0	0.0
20	PI/2 BPSK	50	28	21.28	21.36	21.37	23.0	0.0
20	PI/2 BPSK	50	56	21.35	21.39	21.32	23.0	0.0
20	PI/2 BPSK	100	0	21.26	21.30	21.34		
20	QPSK	1	1	21.42	21.47	21.45	23.0	0.0
20	QPSK	1	53	21.36	21.39	21.38		
20	QPSK	1	104	21.30	21.33	21.29		
20	QPSK	50	0	21.33	21.36	21.30	23.0	0.0
20	QPSK	50	28	21.42	21.44	21.37	23.0	0.0
20	QPSK	50	56	21.27	21.29	21.37	23.0	0.0
20	QPSK	100	0	21.35	21.43	21.38		
20	16QAM	1	1	21.27	21.40	21.35	23.0	0.0
20	64QAM	1	1	19.95	19.94	19.96	21.5	1.5
20	256QAM	1	1	17.90	18.01	17.98	19.5	3.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.33	21.32	21.37	23.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.24	21.33	21.31	23.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.27	21.39	21.35	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				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.00	16.07	16.01	16.9	0.0
40	PI/2 BPSK	1	108	15.99	16.05	15.93		
40	PI/2 BPSK	1	214	15.98	16.02	15.95		
40	PI/2 BPSK	108	0	16.04	16.05	15.95	16.9	0.0
40	PI/2 BPSK	108	54	15.99	16.01	16.03	16.9	0.0
40	PI/2 BPSK	108	108	16.01	16.00	15.98	16.9	0.0
40	PI/2 BPSK	216	0	15.97	16.03	15.99		
40	QPSK	1	1	16.12	16.15	16.10	16.9	0.0
40	QPSK	1	108	15.98	16.05	16.02		
40	QPSK	1	214	16.04	15.98	16.00		
40	QPSK	108	0	16.00	16.02	15.98	16.9	0.0
40	QPSK	108	54	16.09	16.12	16.06	16.9	0.0
40	QPSK	108	108	15.95	15.98	15.95	16.9	0.0
40	QPSK	216	0	16.02	16.06	15.99		
40	16QAM	1	1	15.99	16.05	15.94	16.9	0.0
40	64QAM	1	1	16.05	16.04	16.02	16.9	0.0
40	256QAM	1	1	15.96	16.00	16.04	16.9	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	16.05	16.08	15.93	16.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.95	15.99	15.94	16.9	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	15.99	16.00	15.93	16.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.03	15.97	16.01	16.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.05	16.02	15.95	16.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.00	16.01	16.02	16.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.94	15.97	15.94	16.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	13.62	13.64	13.64	14.8	0.0
40	PI/2 BPSK	1	53	13.72	13.72	13.62		
40	PI/2 BPSK	1	104	13.70	13.78	13.74		
40	PI/2 BPSK	50	0	13.65	13.60	13.69	14.8	0.0
40	PI/2 BPSK	50	28	13.61	13.77	13.63	14.8	0.0
40	PI/2 BPSK	50	56	13.67	13.71	13.65	14.8	0.0
40	PI/2 BPSK	100	0	13.59	13.74	13.61		
40	QPSK	1	1	13.76	13.81	13.75	14.8	0.0
40	QPSK	1	53	13.66	13.68	13.71		
40	QPSK	1	104	13.68	13.77	13.68		
40	QPSK	50	0	13.52	13.68	13.69	14.8	0.0
40	QPSK	50	28	13.68	13.76	13.69	14.8	0.0
40	QPSK	50	56	13.59	13.75	13.67	14.8	0.0
40	QPSK	100	0	13.63	13.73	13.67		
40	16QAM	1	1	13.61	13.64	13.58	14.8	0.0
40	64QAM	1	1	13.61	13.68	13.58	14.8	0.0
40	256QAM	1	1	13.64	13.62	13.73	14.8	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	13.66	13.66	13.70	14.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	13.68	13.77	13.61	14.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	13.63	13.74	13.61	14.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	13.71	13.74	13.69	14.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	13.75	13.76	13.74	14.8	0.0
100	PI/2 BPSK	1	137	13.76	13.83	13.75		
100	PI/2 BPSK	1	271	13.73	13.82	13.80		
100	PI/2 BPSK	135	0	13.74	13.75	13.74	14.8	0.0
100	PI/2 BPSK	135	69	13.72	13.81	13.69	14.8	0.0
100	PI/2 BPSK	135	138	13.75	13.78	13.77	14.8	0.0
100	PI/2 BPSK	270	0	13.66	13.83	13.75		
100	QPSK	1	1	13.83	13.90	13.86	14.8	0.0
100	QPSK	1	137	13.72	13.82	13.78		
100	QPSK	1	271	13.77	13.81	13.74		
100	QPSK	135	0	13.66	13.78	13.79	14.8	0.0
100	QPSK	135	69	13.75	13.83	13.80	14.8	0.0
100	QPSK	135	138	13.66	13.81	13.78	14.8	0.0
100	QPSK	270	0	13.78	13.81	13.78		
100	16QAM	1	1	13.75	13.78	13.72	14.8	0.0
100	64QAM	1	1	13.76	13.82	13.70	14.8	0.0
100	256QAM	1	1	13.68	13.75	13.79	14.8	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	13.67	13.72	13.77	14.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	13.72	13.83	13.70	14.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	13.72	13.74	13.69	14.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	13.69	13.77	13.79	14.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	13.71	13.77	13.68	14.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	13.67	13.79	13.75	14.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	13.72	13.80	13.69	14.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	13.66	13.77	13.76	14.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	13.72	13.76	13.69	14.8	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	13.68	13.77	13.73	14.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.62	22.70	22.58	24.0	0.0
20	PI/2 BPSK	1	53	22.50	22.55	22.39		
20	PI/2 BPSK	1	104	22.51	22.56	22.43		
20	PI/2 BPSK	50	0	22.07	22.19	22.11	23.5	0.5
20	PI/2 BPSK	50	28	22.45	22.57	22.52	24.0	0.0
20	PI/2 BPSK	50	56	22.03	22.14	22.08	23.5	0.5
20	PI/2 BPSK	100	0	21.98	22.07	21.97		
20	QPSK	1	1	22.68	22.72	22.70	24.0	0.0
20	QPSK	1	53	22.50	22.58	22.53		
20	QPSK	1	104	22.61	22.66	22.52		
20	QPSK	50	0	21.61	21.66	21.62	23.0	1.0
20	QPSK	50	28	22.54	22.61	22.55	24.0	0.0
20	QPSK	50	56	21.46	21.60	21.50	23.0	1.0
20	QPSK	100	0	21.49	21.61	21.49		
20	16QAM	1	1	21.22	21.30	21.15	23.0	1.0
20	64QAM	1	1	20.02	20.08	19.99	21.5	2.5
20	256QAM	1	1	18.26	18.35	18.29	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.42	22.51	22.40	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.39	22.46	22.42	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.42	22.48	22.38	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.44	22.50	22.42	24.0	0.0
40	PI/2 BPSK	1	108	22.23	22.39	22.29		
40	PI/2 BPSK	1	214	22.37	22.41	22.25		
40	PI/2 BPSK	108	0	21.93	22.07	22.00	23.5	0.5
40	PI/2 BPSK	108	54	22.28	22.40	22.26	24.0	0.0
40	PI/2 BPSK	108	108	22.04	22.18	22.05	23.5	0.5
40	PI/2 BPSK	216	0	22.02	22.12	22.01		
40	QPSK	1	1	22.58	22.63	22.61	24.0	0.0
40	QPSK	1	108	22.43	22.52	22.38		
40	QPSK	1	214	22.43	22.50	22.44		
40	QPSK	108	0	21.38	21.54	21.43	23.0	1.0
40	QPSK	108	54	22.49	22.54	22.40	24.0	0.0
40	QPSK	108	108	21.42	21.52	21.42	23.0	1.0
40	QPSK	216	0	21.38	21.46	21.31		
40	16QAM	1	1	21.41	21.48	21.44	23.0	1.0
40	64QAM	1	1	19.66	19.75	19.64	21.5	2.5
40	256QAM	1	1	17.98	18.07	17.95	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.29	22.44	22.31	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.37	22.44	22.32	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.33	22.41	22.33	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.32	22.39	22.23	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.39	22.38	22.24	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.36	22.36	22.31	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.43	22.55	22.41	24.0	0.0
40	PI/2 BPSK	1	108	22.36	22.46	22.36		
40	PI/2 BPSK	1	214	22.45	22.50	22.42		
40	PI/2 BPSK	108	0	22.01	22.09	22.05	23.5	0.5
40	PI/2 BPSK	108	54	22.33	22.45	22.34	24.0	0.0
40	PI/2 BPSK	108	108	21.92	22.02	21.92	23.5	0.5
40	PI/2 BPSK	216	0	21.99	22.03	21.94		
40	QPSK	1	1	22.51	22.58	22.52	24.0	0.0
40	QPSK	1	108	22.40	22.52	22.43		
40	QPSK	1	214	22.44	22.53	22.48		
40	QPSK	108	0	21.42	21.58	21.42	23.0	1.0
40	QPSK	108	54	22.41	22.53	22.42	24.0	0.0
40	QPSK	108	108	21.47	21.51	21.45	23.0	1.0
40	QPSK	216	0	21.33	21.47	21.35		
40	16QAM	1	1	21.27	21.33	21.21	23.0	1.0
40	64QAM	1	1	19.76	19.81	19.76	21.5	2.5
40	256QAM	1	1	18.26	18.37	18.27	19.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.27	22.42	22.31	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.27	22.38	22.39	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.30	22.48	22.36	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.34	22.37	22.29	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.26	22.45	22.35	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.27	22.46	22.29	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.34	22.40	22.35	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.36	22.45	22.38	24.0	0.0
40	PI/2 BPSK	1	53	22.18	22.30	22.15		
40	PI/2 BPSK	1	104	22.27	22.39	22.29		
40	PI/2 BPSK	50	0	21.89	22.01	21.88	23.5	0.5
40	PI/2 BPSK	50	28	22.35	22.39	22.27	24.0	0.0
40	PI/2 BPSK	50	56	21.98	22.12	22.00	23.5	0.5
40	PI/2 BPSK	100	0	21.91	22.01	21.96		
40	QPSK	1	1	22.49	22.56	22.53	24.0	0.0
40	QPSK	1	53	22.37	22.48	22.32		
40	QPSK	1	104	22.36	22.51	22.39		
40	QPSK	50	0	21.49	21.55	21.51	23.0	1.0
40	QPSK	50	28	22.38	22.50	22.38	24.0	0.0
40	QPSK	50	56	21.42	21.52	21.37	23.0	1.0
40	QPSK	100	0	21.34	21.48	21.34		
40	16QAM	1	1	21.38	21.48	21.36	23.0	1.0
40	64QAM	1	1	19.78	19.87	19.83	21.5	2.5
40	256QAM	1	1	18.04	18.13	18.08	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.22	22.34	22.24	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.30	22.32	22.20	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.32	22.38	22.19	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.27	22.38	22.24	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.59	22.65	22.55	24.0	0.0
100	PI/2 BPSK	1	137	22.38	22.53	22.43		
100	PI/2 BPSK	1	271	22.53	22.60	22.49		
100	PI/2 BPSK	135	0	21.95	22.11	22.01	23.5	0.5
100	PI/2 BPSK	135	69	22.47	22.57	22.49	24.0	0.0
100	PI/2 BPSK	135	138	22.16	22.23	22.15	23.5	0.5
100	PI/2 BPSK	270	0	21.93	22.01	21.90		
100	QPSK	1	1	22.57	22.66	22.61	24.0	0.0
100	QPSK	1	137	22.48	22.58	22.49		
100	QPSK	1	271	22.44	22.54	22.39		
100	QPSK	135	0	21.49	21.61	21.52	23.0	1.0
100	QPSK	135	69	22.52	22.56	22.45	24.0	0.0
100	QPSK	135	138	21.61	21.75	21.68	23.0	1.0
100	QPSK	270	0	21.54	21.59	21.44		
100	16QAM	1	1	21.49	21.53	21.42	23.0	1.0
100	64QAM	1	1	19.83	19.98	19.85	21.5	2.5
100	256QAM	1	1	17.90	17.98	17.82	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	22.32	22.45	22.34	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	22.40	22.45	22.41	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	22.49	22.58	22.56	24.0	0.0
Channel				506200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.40	22.49	22.40	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	22.39	22.52	22.44	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	22.34	22.52	22.43	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	22.34	22.52	22.45	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.44	22.52	22.40	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	22.33	22.45	22.42	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	22.35	22.52	22.40	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.	Tolerance limit [dBm]	MPR [dB]
Channel				650332	650000	649668		
Frequency [MHz]				3730	3720	3710		
100	PI/2 BPSK	1	0	17.83	17.89	17.97		
100	PI/2 BPSK	1	137	17.80	17.79	17.89	19.0	0.0
100	PI/2 BPSK	1	271	17.80	17.86	17.99		
100	PI/2 BPSK	136	0	17.81	17.85	17.91	19.0	0.0
100	PI/2 BPSK	139	68	17.79	17.82	17.91	19.0	0.0
100	PI/2 BPSK	139	136	17.80	17.86	17.99		
100	PI/2 BPSK	270	0	17.89	17.89	17.99	19.0	0.0
100	QPSK	1	0	18.05	18.12	18.22		
100	QPSK	1	137	17.91	17.92	17.99		
100	QPSK	1	271	17.91	17.96	18.09		
100	QPSK	136	0	17.90	17.95	18.01	19.0	0.0
100	QPSK	139	68	17.89	17.92	18.01		
100	QPSK	139	136	17.90	17.96	18.09		
100	QPSK	270	0	17.97	17.99	18.09	19.0	0.0
100	16QAM	1	0	17.78	17.83	17.91	19.0	0.0
100	64QAM	1	0	17.76	17.82	17.90	19.0	0.0
100	256QAM	1	0	17.80	17.83	17.97	19.0	0.0
Channel				648668	650000	651332		
Frequency [MHz]				3726.02	3720	3713.98		
90	QPSK	1	0	17.81	17.91	17.99	19.0	0.0
Channel				648668	650000	651332		
Frequency [MHz]				3726.02	3720	3713.98		
80	QPSK	1	0	17.79	17.90	17.92	19.0	0.0
Channel				648668	650000	651332		
Frequency [MHz]				3726.02	3720	3713.98		
70	QPSK	1	0	17.79	17.92	17.92	19.0	0.0
Channel				648668	650000	651332		
Frequency [MHz]				3726.02	3720	3713.98		
60	QPSK	1	0	17.81	17.92	17.97	19.0	0.0
Channel				648668	650000	651332		
Frequency [MHz]				3726.02	3720	3713.98		
50	QPSK	1	0	17.80	17.88	17.97	19.0	0.0
Channel				648668	650000	651332		
Frequency [MHz]				3726.02	3720	3713.98		
40	QPSK	1	0	17.81	17.88	17.97	19.0	0.0
Channel				648668	650000	651332		
Frequency [MHz]				3726.02	3720	3713.98		
30	QPSK	1	0	17.87	17.92	17.97	19.0	0.0
Channel				647332	650000	652668		
Frequency [MHz]				3713.01	3720	3726.02		
20	QPSK	1	0	17.78	17.88	17.95	19.0	0.0
Channel				647332	650000	652668		
Frequency [MHz]				3713.01	3720	3726.02		
15	QPSK	1	0	17.82	17.88	17.92	19.0	0.0
Channel				647332	650000	652668		
Frequency [MHz]				3713	3720	3726		
10	QPSK	1	0	17.88	17.89	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.	Tolerance limit [dBm]	MPR [dB]
Channel				650332	650000	649668		
Frequency [MHz]				3730	3720	3710		
100	PI/2 BPSK	1	0	20.93	20.93	20.91		
100	PI/2 BPSK	1	137	20.93	20.90	20.79	22.0	0.0
100	PI/2 BPSK	1	271	20.92	20.98	20.97		
100	PI/2 BPSK	136	0	20.72	20.81	20.83	22.0	0.0
100	PI/2 BPSK	139	68	20.83	20.83	20.88	22.0	0.0
100	PI/2 BPSK	139	136	20.82	20.92	20.89		
100	PI/2 BPSK	270	0	20.92	20.91	20.89	22.0	0.0
100	QPSK	1	0	20.93	21.02	20.98		
100	QPSK	1	137	20.91	20.92	20.89	22.0	0.0
100	QPSK	1	271	20.92	20.98	20.97		
100	QPSK	136	0	20.79	20.86	20.89	22.0	0.0
100	QPSK	139	68	20.90	21.00	20.98	22.0	0.0
100	QPSK	139	136	20.93	20.91	20.89		
100	QPSK	270	0	20.92	20.93	20.89	22.0	0.0
100	16QAM	1	0	20.67	20.82	20.88	22.0	0.0
100	64QAM	1	0	20.69	20.82	20.82	22.0	0.0
100	256QAM	1	0	20.73	20.89	20.82	22.0	0.0
Channel				648668	650000	651332		
Frequency [MHz]				3726.02	3720	3713.98		
90	QPSK	1	0	20.87	20.99	20.89	22.0	0.0
Channel				648668	650000	651332		
Frequency [MHz]				3726.02	3720	3713.98		
80	QPSK	1	0	20.82	20.92	20.91	22.0	0.0
Channel				648668	650000	651332		
Frequency [MHz]				3726.02	3720	3713.98		
70	QPSK	1	0	20.93	20.93	20.93	22.0	0.0
Channel				648668	650000	651332		
Frequency [MHz]				3726.02	3720	3713.98		
60	QPSK	1	0	20.82	20.93	20.93	22.0	0.0
Channel				648668	650000	651332		
Frequency [MHz]				3726.02	3720	3713.98		
50	QPSK	1	0	20.87	20.90	20.93	22.0	0.0
Channel				648668	650000	651332		
Frequency [MHz]				3726.02	3720	3713.98		
40	QPSK	1	0	20.87	20.90	20.93	22.0	0.0
Channel				647332	650000	652668		
Frequency [MHz]				3713.01	3720	3726.02		
30	QPSK	1	0	20.91	20.98	20.95	22.0	0.0
Channel				647332	650000	652668		
Frequency [MHz]				3713.01	3720	3726.02		
20	QPSK	1	0	20.87	20.91	20.97	22.0	0.0
Channel				647332	650000	652668		
Frequency [MHz]				3713.01	3720	3726.02		
15	QPSK	1	0	20.82	20.92	20.91	22.0	0.0
Channel				647332	650000	652668		
Frequency [MHz]				3713	3720	3726		
10	QPSK	1	0	20.89	20.93	20.91	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.	Tolerance limit [dBm]	MPR [dB]
Channel				653332	654000	654668		
Frequency [MHz]				3770	3780	3790		
100	PI/2 BPSK	1	0		17.72			
100	PI/2 BPSK	1	137		17.89		19.0	0.0
100	PI/2 BPSK	1	271		17.83			
100	PI/2 BPSK	136	0		17.88		19.0	0.0
100	PI/2 BPSK	139	68		17.87		19.0	0.0
100	PI/2 BPSK	139	136		17.83			
100	PI/2 BPSK	270	0		17.90		19.0	0.0
100	QPSK	1	0		17.93			
100	QPSK	1	137		17.89			
100	QPSK	1	271		17.92			
100	QPSK	136	0		17.72		19.0	0.0
100	QPSK	139	68		17.87		19.0	0.0
100	QPSK	139	136		17.92			
100	QPSK	270	0		17.82		19.0	0.0
100	16QAM	1	0		17.82		19.0	0.0
100	64QAM	1	0		17.79		19.0	0.0
100	256QAM	1	0		17.80		19.0	0.0
Channel				649668	650000	650332		
Frequency [MHz]				3736.02	3740	3743.98		
90	QPSK	1	0	17.82	17.90	17.90	19.0	0.0
Channel				649668	650000	650332		
Frequency [MHz]				3736.02	3740	3743.98		
80	QPSK	1	0	17.81	17.87	17.89	19.0	0.0
Channel				649668	650000	650332		
Frequency [MHz]				3736.02	3740	3743.98		
70	QPSK	1	0	17.88	17.92	17.93	19.0	0.0
Channel				649668	650000	650332		
Frequency [MHz]				3736.02	3740	3743.98		
60	QPSK	1	0	17.83	17.89	17.97	19.0	0.0
Channel				649668	650000	650332		
Frequency [MHz]				3736.02	3740	3743.98		
50	QPSK	1	0	17.92	17.96	17.99	19.0	0.0
Channel				649668	650000	650332		
Frequency [MHz]				3736.02	3740	3743.98		
40	QPSK	1	0	17.89	17.96	17.99	19.0	0.0
Channel				649668	650000	650332		
Frequency [MHz]				3736.02	3740	3743.98		
30	QPSK	1	0	17.92	17.96	17.98	19.0	0.0
Channel				647332	650000	652668		
Frequency [MHz]				3713.01	3720	3726.02		
20	QPSK	1	0	17.89	17.93	17.99	19.0	0.0
Channel				647332	650000	652668		
Frequency [MHz]				3713.01	3720	3726.02		
15	QPSK	1	0	17.92	17.91	17.97	19.0	0.0
Channel				647332	650000	652668		
Frequency [MHz]				3713	3720	3726		
10	QPSK	1	0	17.97	17.89	17.95	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.	Tolerance limit [dBm]	MPR [dB]
Channel				653332	654000	654668		
Frequency [MHz]				3770	3780	3790		
100	PI/2 BPSK	1	0		20.81			
100	PI/2 BPSK	1	137		20.79		22.0	0.0
100	PI/2 BPSK	1	271		20.84			
100	PI/2 BPSK	136	0		20.82		22.0	0.0
100	PI/2 BPSK	139	68		20.83		22.0	0.0
100	PI/2 BPSK	139	136		20.89		22.0	0.0
100	PI/2 BPSK	270	0		20.90			
100	QPSK	1	0		20.93			
100	QPSK	1	137		20.93		22.0	0.0
100	QPSK	1	271		20.91			
100	QPSK	136	0		20.77		22.0	0.0
100	QPSK	139	68		20.99		22.0	0.0
100	QPSK	139	136		20.92			
100	QPSK	270	0		20.91		22.0	0.0
100	16QAM	1	0		20.73		22.0	0.0
100	64QAM	1	0		20.71		22.0	0.0
100	256QAM	1	0		20.79		22.0	0.0
Channel				649668	650000	650332		
Frequency [MHz]				3736.02	3740	3743.98		
90	QPSK	1	0	20.85	20.97	20.88	22.0	0.0
Channel				649668	650000	650332		
Frequency [MHz]				3736.02	3740	3743.98		
80	QPSK	1	0	20.79	20.84	20.84	22.0	0.0
Channel				649668	650000	650332		
Frequency [MHz]				3736.02	3740	3743.98		
70	QPSK	1	0	20.79	20.85	20.86	22.0	0.0
Channel				649668	650000	650332		
Frequency [MHz]				3736.02	3740	3743.98		
60	QPSK	1	0	20.84	20.90	20.93	22.0	0.0
Channel				649668	650000	650332		
Frequency [MHz]				3736.02	3740	3743.98		
50	QPSK	1	0	20.84	20.89	20.93	22.0	0.0
Channel				649668	650000	650332		
Frequency [MHz]				3736.02	3740	3743.98		
40	QPSK	1	0	20.82	20.90	20.87	22.0	0.0
Channel				647332	650000	652668		
Frequency [MHz]				3713.01	3720	3726.02		
30	QPSK	1	0	20.84	20.89	20.94	22.0	0.0
Channel				647332	650000	652668		
Frequency [MHz]				3713.01	3720	3726.02		
20	QPSK	1	0	20.82	20.87	20.92	22.0	0.0
Channel				647332	650000	652668		
Frequency [MHz]				3713.01	3720	3726.02		
15	QPSK	1	0	20.79	20.90	20.92	22.0	0.0
Channel				647332	650000	652668		
Frequency [MHz]				3713	3720	3726		
10	QPSK	1	0	20.89	20.87	20.79	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	14.57	14.75	14.65	15.6	0.0
100	PI/2 BPSK	1	137	14.56	14.72	14.72		
100	PI/2 BPSK	1	271	14.58	14.72	14.71		
100	PI/2 BPSK	135	0	14.55	14.71	14.73	15.6	0.0
100	PI/2 BPSK	135	69	14.64	14.74	14.72	15.6	0.0
100	PI/2 BPSK	135	138	14.62	14.74	14.68	15.6	0.0
100	PI/2 BPSK	270	0	14.59	14.73	14.67		
100	QPSK	1	1	14.82	14.85	14.81	15.6	0.0
100	QPSK	1	137	14.54	14.72	14.68		
100	QPSK	1	271	14.55	14.69	14.65		
100	QPSK	135	0	14.63	14.64	14.70	15.6	0.0
100	QPSK	135	69	14.76	14.80	14.75	15.6	0.0
100	QPSK	135	138	14.65	14.70	14.67	15.6	0.0
100	QPSK	270	0	14.65	14.74	14.72		
100	16QAM	1	1	14.57	14.69	14.65	15.6	0.0
100	64QAM	1	1	14.56	14.70	14.70	15.6	0.0
100	256QAM	1	1	14.62	14.71	14.72	15.6	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.65	14.67	14.65	15.6	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	14.63	14.72	14.71	15.6	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.56	14.74	14.65	15.6	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	14.57	14.75	14.70	15.6	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.60	14.72	14.67	15.6	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.60	14.67	14.66	15.6	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.65	14.65	14.65	15.6	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	14.63	14.69	14.62	15.6	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	14.60	14.65	14.69	15.6	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.64	14.65	14.71	15.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.57	17.66	17.59	18.6	0.0
100	PI/2 BPSK	1	137	17.68	17.70	17.61		
100	PI/2 BPSK	1	271	17.61	17.65	17.61		
100	PI/2 BPSK	135	0	17.61	17.67	17.56	18.6	0.0
100	PI/2 BPSK	135	69	17.69	17.65	17.58	18.6	0.0
100	PI/2 BPSK	135	138	17.63	17.69	17.55	18.6	0.0
100	PI/2 BPSK	270	0	17.63	17.65	17.58		
100	QPSK	1	1	17.82	17.87	17.79	18.6	0.0
100	QPSK	1	137	17.61	17.70	17.52		
100	QPSK	1	271	17.64	17.70	17.61		
100	QPSK	135	0	17.61	17.71	17.62	18.6	0.0
100	QPSK	135	69	17.77	17.80	17.75	18.6	0.0
100	QPSK	135	138	17.66	17.64	17.58	18.6	0.0
100	QPSK	270	0	17.72	17.77	17.66		
100	16QAM	1	1	17.67	17.73	17.58	18.6	0.0
100	64QAM	1	1	17.69	17.66	17.57	18.6	0.0
100	256QAM	1	1	17.63	17.70	17.54	18.6	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.66	17.65	17.61	18.6	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.63	17.64	17.60	18.6	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.67	17.66	17.58	18.6	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.63	17.70	17.60	18.6	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.62	17.69	17.55	18.6	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.67	17.71	17.52	18.6	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.58	17.65	17.62	18.6	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.64	17.65	17.62	18.6	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.59	17.67	17.55	18.6	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.65	17.66	17.59	18.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		14.71		15.6	0.0
100	PI/2 BPSK	1	137		14.67			
100	PI/2 BPSK	1	271		14.63			
100	PI/2 BPSK	135	0		14.59		15.6	0.0
100	PI/2 BPSK	135	69		14.59		15.6	0.0
100	PI/2 BPSK	135	138		14.67		15.6	0.0
100	PI/2 BPSK	270	0		14.62			
100	QPSK	1	1		14.72		15.6	0.0
100	QPSK	1	137		14.64			
100	QPSK	1	271		14.62			
100	QPSK	135	0		14.57		15.6	0.0
100	QPSK	135	69		14.70		15.6	0.0
100	QPSK	135	138		14.56		15.6	0.0
100	QPSK	270	0		14.66			
100	16QAM	1	1		14.65		15.6	0.0
100	64QAM	1	1		14.67		15.6	0.0
100	256QAM	1	1		14.65		15.6	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	14.57	14.69	14.65	15.6	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	14.50	14.60	14.64	15.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.52	14.64	14.63	15.6	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.54	14.63	14.61	15.6	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	14.60	14.62	14.62	15.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.53	14.60	14.67	15.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	14.62	14.66	14.58	15.6	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.52	14.62	14.63	15.6	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	14.56	14.61	14.64	15.6	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.58	14.70	14.67	15.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.52		18.6	0.0
100	PI/2 BPSK	1	137		17.62			
100	PI/2 BPSK	1	271		17.53			
100	PI/2 BPSK	135	0		17.59		18.6	0.0
100	PI/2 BPSK	135	69		17.57		18.6	0.0
100	PI/2 BPSK	135	138		17.64		18.6	0.0
100	PI/2 BPSK	270	0		17.54			
100	QPSK	1	1		17.76		18.6	0.0
100	QPSK	1	137		17.59			
100	QPSK	1	271		17.58			
100	QPSK	135	0		17.68		18.6	0.0
100	QPSK	135	69		17.73		18.6	0.0
100	QPSK	135	138		17.53		18.6	0.0
100	QPSK	270	0		17.65			
100	16QAM	1	1		17.61		18.6	0.0
100	64QAM	1	1		17.56		18.6	0.0
100	256QAM	1	1		17.56		18.6	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.59	17.65	17.60	18.6	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.65	17.65	17.58	18.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.60	17.69	17.55	18.6	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.58	17.74	17.53	18.6	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.65	17.71	17.62	18.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.60	17.67	17.61	18.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.66	17.69	17.54	18.6	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.58	17.68	17.55	18.6	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.61	17.64	17.55	18.6	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.65	17.63	17.60	18.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.63	16.65	16.65	17.7	0.0
100	PI/2 BPSK	1	137	16.65	16.59	16.57		
100	PI/2 BPSK	1	271	16.56	16.68	16.66		
100	PI/2 BPSK	135	0	16.54	16.63	16.57	17.7	0.0
100	PI/2 BPSK	135	69	16.65	16.62	16.57	17.7	0.0
100	PI/2 BPSK	135	138	16.64	16.67	16.56	17.7	0.0
100	PI/2 BPSK	270	0	16.59	16.64	16.58		
100	QPSK	1	1	16.78	16.81	16.79	17.7	0.0
100	QPSK	1	137	16.54	16.58	16.61		
100	QPSK	1	271	16.66	16.68	16.60		
100	QPSK	135	0	16.64	16.66	16.58	17.7	0.0
100	QPSK	135	69	16.71	16.75	16.73	17.7	0.0
100	QPSK	135	138	16.54	16.63	16.63	17.7	0.0
100	QPSK	270	0	16.69	16.73	16.70		
100	16QAM	1	1	16.58	16.64	16.65	17.7	0.0
100	64QAM	1	1	16.61	16.66	16.60	17.7	0.0
100	256QAM	1	1	16.65	16.59	16.66	17.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.59	16.61	16.64	17.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.64	16.68	16.56	17.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.56	16.69	16.61	17.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.58	16.60	16.66	17.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.56	16.69	16.61	17.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.64	16.69	16.66	17.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.64	16.62	16.62	17.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.60	16.63	16.58	17.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.63	16.66	16.58	17.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.60	16.67	16.55	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.42	19.55	19.44	20.7	0.0
100	PI/2 BPSK	1	137	19.46	19.46	19.48		
100	PI/2 BPSK	1	271	19.50	19.53	19.40		
100	PI/2 BPSK	135	0	19.49	19.46	19.50	20.7	0.0
100	PI/2 BPSK	135	69	19.41	19.47	19.41	20.7	0.0
100	PI/2 BPSK	135	138	19.44	19.52	19.51	20.7	0.0
100	PI/2 BPSK	270	0	19.46	19.48	19.40		
100	QPSK	1	1	19.67	19.68	19.65	20.7	0.0
100	QPSK	1	137	19.50	19.54	19.48		
100	QPSK	1	271	19.43	19.52	19.47		
100	QPSK	135	0	19.46	19.46	19.44	20.7	0.0
100	QPSK	135	69	19.62	19.65	19.60	20.7	0.0
100	QPSK	135	138	19.46	19.53	19.44	20.7	0.0
100	QPSK	270	0	19.54	19.59	19.54		
100	16QAM	1	1	19.47	19.45	19.49	20.7	0.0
100	64QAM	1	1	19.43	19.54	19.46	20.7	0.0
100	256QAM	1	1	19.43	19.53	19.47	20.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.41	19.54	19.46	20.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.50	19.44	19.45	20.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.49	19.45	19.47	20.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.49	19.52	19.46	20.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.51	19.55	19.45	20.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.47	19.50	19.50	20.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.40	19.49	19.41	20.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.43	19.49	19.46	20.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.42	19.44	19.51	20.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.43	19.47	19.40	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.56		17.7	0.0
100	PI/2 BPSK	1	137		16.56			
100	PI/2 BPSK	1	271		16.58			
100	PI/2 BPSK	135	0		16.56		17.7	0.0
100	PI/2 BPSK	135	69		16.57		17.7	0.0
100	PI/2 BPSK	135	138		16.54		17.7	0.0
100	PI/2 BPSK	270	0		16.59			
100	QPSK	1	1		16.72		17.7	0.0
100	QPSK	1	137		16.47			
100	QPSK	1	271		16.61			
100	QPSK	135	0		16.51		17.7	0.0
100	QPSK	135	69		16.71		17.7	0.0
100	QPSK	135	138		16.50		17.7	0.0
100	QPSK	270	0		16.70			
100	16QAM	1	1		16.58		17.7	0.0
100	64QAM	1	1		16.51		17.7	0.0
100	256QAM	1	1		16.53		17.7	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.59	16.66	16.64	17.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.61	16.62	16.66	17.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.62	16.62	16.61	17.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.55	16.65	16.60	17.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.66	16.65	16.65	17.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.57	16.60	16.58	17.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.60	16.70	16.59	17.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.64	16.64	16.61	17.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.57	16.59	16.58	17.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.57	16.65	16.64	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.42		20.7	0.0
100	PI/2 BPSK	1	137		19.39			
100	PI/2 BPSK	1	271		19.47			
100	PI/2 BPSK	135	0		19.37		20.7	0.0
100	PI/2 BPSK	135	69		19.39		20.7	0.0
100	PI/2 BPSK	135	138		19.46		20.7	0.0
100	PI/2 BPSK	270	0		19.35			
100	QPSK	1	1		19.59		20.7	0.0
100	QPSK	1	137		19.43			
100	QPSK	1	271		19.40			
100	QPSK	135	0		19.32		20.7	0.0
100	QPSK	135	69		19.55		20.7	0.0
100	QPSK	135	138		19.40		20.7	0.0
100	QPSK	270	0		19.46			
100	16QAM	1	1		19.35		20.7	0.0
100	64QAM	1	1		19.45		20.7	0.0
100	256QAM	1	1		19.46		20.7	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.46	19.52	19.47	20.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.49	19.45	19.41	20.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.44	19.47	19.47	20.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.45	19.49	19.49	20.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.46	19.45	19.49	20.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.41	19.48	19.50	20.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.50	19.48	19.41	20.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.50	19.45	19.41	20.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.42	19.56	19.47	20.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.45	19.55	19.47	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.18	22.15	22.11	24.0	0.0
100	PI/2 BPSK	1	137	22.13	22.21	22.17		
100	PI/2 BPSK	1	271	22.18	22.14	22.13		
100	PI/2 BPSK	135	0	21.73	21.82	21.70	23.5	0.5
100	PI/2 BPSK	135	69	22.14	22.24	22.21	24.0	0.0
100	PI/2 BPSK	135	138	21.73	21.82	21.72	23.5	0.5
100	PI/2 BPSK	270	0	21.69	21.82	21.74		
100	QPSK	1	1	22.23	22.29	22.25	24.0	0.0
100	QPSK	1	137	22.12	22.15	22.12		
100	QPSK	1	271	22.09	22.17	22.19		
100	QPSK	135	0	21.18	21.23	21.24	23.0	1.0
100	QPSK	135	69	22.13	22.25	22.11	24.0	0.0
100	QPSK	135	138	21.25	21.27	21.20	23.0	1.0
100	QPSK	270	0	21.23	21.34	21.22		
100	16QAM	1	1	21.26	21.28	21.28	23.0	1.0
100	64QAM	1	1	19.74	19.77	19.81	21.5	2.5
100	256QAM	1	1	17.72	17.75	17.76	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.10	22.22	22.13	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.10	22.23	22.11	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.16	22.21	22.13	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.12	22.22	22.17	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.16	22.25	22.21	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.16	22.24	22.15	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.16	22.17	22.14	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.11	22.15	22.16	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.11	22.18	22.21	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.11	22.18	22.16	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	25.16	25.21	25.16	27.0	0.0
100	PI/2 BPSK	1	137	25.15	25.26	25.15		
100	PI/2 BPSK	1	271	25.24	25.17	25.11		
100	PI/2 BPSK	135	0	24.67	24.84	24.74	26.5	0.5
100	PI/2 BPSK	135	69	25.15	25.25	25.22	27.0	0.0
100	PI/2 BPSK	135	138	24.77	24.83	24.77	26.5	0.5
100	PI/2 BPSK	270	0	24.68	24.81	24.71		
100	QPSK	1	1	25.24	25.28	25.24	27.0	0.0
100	QPSK	1	137	25.08	25.16	25.18		
100	QPSK	1	271	25.10	25.22	25.16		
100	QPSK	135	0	24.19	24.22	24.26	26.0	1.0
100	QPSK	135	69	25.14	25.19	25.12	27.0	0.0
100	QPSK	135	138	24.25	24.30	24.23	26.0	1.0
100	QPSK	270	0	24.23	24.31	24.25		
100	16QAM	1	1	24.21	24.22	24.23	26.0	1.0
100	64QAM	1	1	22.74	22.72	22.78	24.5	2.5
100	256QAM	1	1	20.77	20.75	20.70	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	25.15	25.24	25.13	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	25.15	25.14	25.15	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.10	25.19	25.11	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	25.17	25.24	25.19	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	25.19	25.24	25.14	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.13	25.20	25.18	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	25.14	25.22	25.14	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	25.09	25.22	25.14	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	25.12	25.15	25.11	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.21	25.20	25.20	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		22.07		24.0	0.0
100	PI/2 BPSK	1	137		22.06			
100	PI/2 BPSK	1	271		22.03			
100	PI/2 BPSK	135	0		21.78		23.5	0.5
100	PI/2 BPSK	135	69		22.20		24.0	0.0
100	PI/2 BPSK	135	138		21.73		23.5	0.5
100	PI/2 BPSK	270	0		21.74			
100	QPSK	1	1		22.22		24.0	0.0
100	QPSK	1	137		22.01			
100	QPSK	1	271		22.11			
100	QPSK	135	0		21.16		23.0	1.0
100	QPSK	135	69		22.12		24.0	0.0
100	QPSK	135	138		21.17		23.0	1.0
100	QPSK	270	0		21.28			
100	16QAM	1	1		21.15		23.0	1.0
100	64QAM	1	1		19.71		21.5	2.5
100	256QAM	1	1		17.71		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.02	22.07	22.01	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.03	22.15	22.07	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.06	22.17	22.08	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.03	22.13	22.01	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.02	22.19	22.07	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.02	22.08	22.06	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.02	22.09	22.10	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.06	22.15	22.05	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.05	22.13	22.02	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.01	22.12	22.01	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.07		27.0	0.0
100	PI/2 BPSK	1	137		25.15			
100	PI/2 BPSK	1	271		25.10			
100	PI/2 BPSK	135	0		24.70		26.5	0.5
100	PI/2 BPSK	135	69		25.16		27.0	0.0
100	PI/2 BPSK	135	138		24.76		26.5	0.5
100	PI/2 BPSK	270	0		24.69			
100	QPSK	1	1		25.23		27.0	0.0
100	QPSK	1	137		25.05			
100	QPSK	1	271		25.18			
100	QPSK	135	0		24.18		26.0	1.0
100	QPSK	135	69		25.13		27.0	0.0
100	QPSK	135	138		24.17		26.0	1.0
100	QPSK	270	0		24.24			
100	16QAM	1	1		24.08		26.0	1.0
100	64QAM	1	1		22.68		24.5	2.5
100	256QAM	1	1		20.67		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	25.01	25.20	25.07	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	25.08	25.14	25.09	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.07	25.17	25.03	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	25.11	25.10	25.05	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	25.04	25.13	25.05	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.11	25.18	25.09	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	25.10	25.10	25.04	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	25.10	25.20	25.06	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	25.04	25.10	25.01	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.02	25.18	25.03	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	22.67	22.82	22.76	24.0	0.0
40	PI/2 BPSK	1	53	22.68	22.77	22.70		
40	PI/2 BPSK	1	104	22.62	22.68	22.61		
40	PI/2 BPSK	50	0	22.15	22.24	22.15	23.5	0.5
40	PI/2 BPSK	50	28	22.58	22.66	22.58	24.0	0.0
40	PI/2 BPSK	50	56	22.40	22.46	22.33	23.5	0.5
40	PI/2 BPSK	100	0	22.30	22.41	22.31		
40	QPSK	1	1	22.81	22.91	22.90	24.0	0.0
40	QPSK	1	53	22.63	22.78	22.69		
40	QPSK	1	104	22.70	22.84	22.70		
40	QPSK	50	0	21.81	21.89	21.82	23.0	1.0
40	QPSK	50	28	22.73	22.78	22.69	24.0	0.0
40	QPSK	50	56	21.79	21.86	21.74	23.0	1.0
40	QPSK	100	0	21.69	21.81	21.69		
40	16QAM	1	1	21.80	21.88	21.77	23.0	1.0
40	64QAM	1	1	20.32	20.45	20.29	21.5	2.5
40	256QAM	1	1	18.46	18.52	18.38	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.54	22.69	22.60	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.51	22.74	22.62	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.51	22.72	22.60	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.48	22.73	22.59	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.87	22.92	22.87	24.0	0.0
100	PI/2 BPSK	1	137	22.74	22.79	22.72		
100	PI/2 BPSK	1	271	22.72	22.79	22.72		
100	PI/2 BPSK	135	0	22.42	22.46	22.37	23.5	0.5
100	PI/2 BPSK	135	69	22.74	22.81	22.75	24.0	0.0
100	PI/2 BPSK	135	138	22.46	22.54	22.48	23.5	0.5
100	PI/2 BPSK	270	0	22.35	22.41	22.34		
100	QPSK	1	1	22.81	22.96	22.88	24.0	0.0
100	QPSK	1	137	22.69	22.81	22.75		
100	QPSK	1	271	22.68	22.83	22.79		
100	QPSK	135	0	21.81	21.95	21.81	23.0	1.0
100	QPSK	135	69	22.75	22.85	22.72	24.0	0.0
100	QPSK	135	138	21.83	21.90	21.79	23.0	1.0
100	QPSK	270	0	21.77	21.84	21.69		
100	16QAM	1	1	21.84	21.90	21.78	23.0	1.0
100	64QAM	1	1	20.40	20.53	20.39	21.5	2.5
100	256QAM	1	1	18.25	18.38	18.33	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	22.60	22.72	22.64	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	22.65	22.75	22.60	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	22.75	22.83	22.75	24.0	0.0
Channel				506200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.62	22.76	22.65	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	22.59	22.77	22.67	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	22.62	22.65	22.61	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	22.60	22.71	22.61	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	22.63	22.68	22.69	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	22.64	22.69	22.70	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	22.63	22.73	22.69	24.0	0.0

Reduced Power Mode for Other PA DSI2

n2 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.83	15.95	15.87		
20	PI/2 BPSK	1	53	15.89	16.02	15.95	17.5	0.0
20	PI/2 BPSK	1	104	15.94	15.93	15.82		
20	PI/2 BPSK	50	0	15.96	15.95	15.96	17.5	0.0
20	PI/2 BPSK	50	28	15.96	15.86	15.97	17.5	0.0
20	PI/2 BPSK	50	56	15.92	16.01	15.89	17.5	0.0
20	PI/2 BPSK	100	0	15.85	15.99	15.92		
20	QPSK	1	1	16.04	16.09	15.96	17.5	0.0
20	QPSK	1	53	15.84	15.97	15.90		
20	QPSK	1	104	15.98	16.02	16.02		
20	QPSK	50	0	15.86	15.94	15.89	17.5	0.0
20	QPSK	50	28	15.86	16.00	16.00	17.5	0.0
20	QPSK	50	56	15.90	15.95	15.85	17.5	0.0
20	QPSK	100	0	15.94	15.97	15.90		
20	16QAM	1	1	15.94	15.92	15.95	17.5	0.0
20	64QAM	1	1	15.83	15.99	15.99	17.5	0.0
20	256QAM	1	1	15.93	15.90	15.90	17.5	0.0
Channel				371500	376000	380500	Tune-up limit	MPR
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)
15	QPSK	1	1	15.95	15.93	15.87	17.5	0.0
Channel				371000	376000	381000	Tune-up limit	MPR
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)
10	QPSK	1	1	15.97	16.03	15.85	17.5	0.0
Channel				370500	376000	381500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	15.95	15.99	15.90	17.5	0.0

n7 Ant 1 DSI2

BW [MHz]	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	15.82	15.81	15.80		
40	PI/2 BPSK	1	108	15.69	15.72	15.89	17.0	0.0
40	PI/2 BPSK	1	214	15.83	15.78	15.79		
40	PI/2 BPSK	108	0	15.83	15.92	15.82	17.0	0.0
40	PI/2 BPSK	108	54	15.82	15.81	15.80	17.0	0.0
40	PI/2 BPSK	108	108	15.75	15.82	15.76	17.0	0.0
40	PI/2 BPSK	216	0	15.76	15.77	15.81		
40	QPSK	1	1	15.87	15.96	15.90		
40	QPSK	1	108	15.73	15.81	15.78	17.0	0.0
40	QPSK	1	214	15.70	15.86	15.78		
40	QPSK	108	0	15.85	15.79	15.79	17.0	0.0
40	QPSK	108	54	15.84	15.91	15.87	17.0	0.0
40	QPSK	108	108	15.68	15.80	15.77	17.0	0.0
40	QPSK	216	0	15.83	15.90	15.84		
40	16QAM	1	1	15.78	15.91	15.75	17.0	0.0
40	64QAM	1	1	15.76	15.80	15.84	17.0	0.0
40	256QAM	1	1	15.76	15.85	15.75	17.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	1	15.83	15.92	15.82	17.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	1	15.79	15.85	15.80	17.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	1	15.77	15.80	15.85	17.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	15.72	15.89	15.78	17.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	15.74	15.89	15.75	17.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	15.77	15.82	15.76	17.0	0.0

n66 Ant 1 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.95	16.00	15.87		
40	PI/2 BPSK	1	108	15.90	15.93	15.79	16.9	0.0
40	PI/2 BPSK	1	214	15.86	15.86	15.87		
40	PI/2 BPSK	108	0	15.93	15.92	15.82	16.9	0.0
40	PI/2 BPSK	108	54	15.87	15.90	15.90	16.9	0.0
40	PI/2 BPSK	108	108	15.87	15.85	15.88	16.9	0.0
40	PI/2 BPSK	216	0	15.89	15.87	15.91		
40	QPSK	1	1	16.02	16.09	15.94		
40	QPSK	1	108	15.84	15.92	15.89	16.9	0.0
40	QPSK	1	214	15.87	15.91	15.88		
40	QPSK	108	0	15.83	15.92	15.90	16.9	0.0
40	QPSK	108	54	15.95	16.07	16.01	16.9	0.0
40	QPSK	108	108	15.89	15.85	15.90	16.9	0.0
40	QPSK	216	0	15.90	15.95	15.94		
40	16QAM	1	1	15.94	15.91	15.78	16.9	0.0
40	64QAM	1	1	15.90	15.94	15.90	16.9	0.0
40	256QAM	1	1	15.90	15.94	15.89	16.9	0.0
Channel				345500	349000	352500	Tune-up limit	MPR
Frequency (MHz)				1727.5	1745	1762.5	(dBm)	(dB)
35	QPSK	1	1	15.91	15.99	15.87	16.9	0.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	15.93	16.02	15.83	16.9	0.0
Channel				344500	349000	353500	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	15.89	15.99	15.86	16.9	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	15.94	16.02	15.81	16.9	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	15.85	15.96	15.84	16.9	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	15.88	15.96	15.85	16.9	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	15.89	15.98	15.87	16.9	0.0

n2 Ant 2 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	Pi/2 BPSK	1	1	21.54	21.61	21.45	23.0	0.0
20	Pi/2 BPSK	1	53	21.36	21.46	21.35		
20	Pi/2 BPSK	1	104	21.39	21.48	21.39		
20	Pi/2 BPSK	50	0	20.97	21.13	21.01	22.5	0.5
20	Pi/2 BPSK	50	28	21.30	21.51	21.48	23.0	0.0
20	Pi/2 BPSK	50	56	20.88	21.00	21.01	22.5	0.5
20	Pi/2 BPSK	100	0	20.92	20.94	20.83		
20	QPSK	1	1	21.60	21.67	21.57	23.0	0.0
20	QPSK	1	53	21.42	21.44	21.48		
20	QPSK	1	104	21.51	21.54	21.48		
20	QPSK	50	0	20.50	20.57	20.51	22.0	1.0
20	QPSK	50	28	21.49	21.50	21.49	23.0	0.0
20	QPSK	50	56	20.31	20.55	20.38	22.0	1.0
20	QPSK	100	0	20.35	20.57	20.42		
20	16QAM	1	1	20.17	20.20	20.08	22.0	1.0
20	64QAM	1	1	18.89	18.94	18.92	20.5	2.5
20	256QAM	1	1	17.19	17.27	17.24	18.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.53	21.59	21.51	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.47	21.55	21.48	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.51	21.58	21.47	23.0	0.0

n66 Ant 2 DSI2

BW [MHz]	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	21.28	21.42	21.33	23.0	0.0
40	Pi/2 BPSK	1	108	21.30	21.35	21.27		
40	Pi/2 BPSK	1	214	21.34	21.36	21.29		
40	Pi/2 BPSK	108	0	20.96	20.95	21.00	22.5	0.5
40	Pi/2 BPSK	108	54	21.27	21.40	21.27	23.0	0.0
40	Pi/2 BPSK	108	108	20.86	20.91	20.80	22.5	0.5
40	Pi/2 BPSK	216	0	20.92	20.97	20.85		
40	QPSK	1	1	21.40	21.49	21.39	23.0	0.0
40	QPSK	1	108	21.25	21.44	21.39		
40	QPSK	1	214	21.33	21.45	21.42		
40	QPSK	108	0	20.33	20.52	20.31	22.0	1.0
40	QPSK	108	54	21.33	21.42	21.28	23.0	0.0
40	QPSK	108	108	20.33	20.37	20.34	22.0	1.0
40	QPSK	216	0	20.23	20.39	20.29		
40	16QAM	1	1	20.22	20.19	20.11	22.0	1.0
40	64QAM	1	1	18.65	18.73	18.64	20.5	2.5
40	256QAM	1	1	17.13	17.25	17.16	18.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.31	21.36	21.32	23.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.36	21.42	21.34	23.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.31	21.42	21.31	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.27	21.42	21.34	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.35	21.40	21.31	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.35	21.40	21.30	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.32	21.43	21.24	23.0	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	22.60	22.70	22.62	24.0	0.0
20	PI/2 BPSK	1	53	22.54	22.71	22.71		
20	PI/2 BPSK	1	104	22.53	22.76	22.72		
20	PI/2 BPSK	50	0	22.15	22.32	22.24	23.5	0.5
20	PI/2 BPSK	50	28	22.52	22.71	22.66	24.0	0.0
20	PI/2 BPSK	50	56	22.11	22.31	22.28	23.5	0.5
20	PI/2 BPSK	100	0	22.18	22.33	22.29		
20	QPSK	1	1	22.66	22.80	22.77	24.0	0.0
20	QPSK	1	53	22.50	22.64	22.64		
20	QPSK	1	104	22.53	22.70	22.61		
20	QPSK	50	0	21.63	21.74	21.71	23.0	1.0
20	QPSK	50	28	22.56	22.73	22.63	24.0	0.0
20	QPSK	50	56	21.65	21.81	21.76	23.0	1.0
20	QPSK	100	0	21.70	21.79	21.75		
20	16QAM	1	1	21.71	21.78	21.76	23.0	1.0
20	64QAM	1	1	20.15	20.27	20.28	21.5	2.5
20	256QAM	1	1	18.14	18.34	18.22	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.37	22.53	22.44	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.32	22.53	22.53	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.32	22.52	22.49	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.73	22.78	22.69	24.0	0.0
20	PI/2 BPSK	1	53	22.69	22.73	22.67		
20	PI/2 BPSK	1	104	22.73	22.82	22.68		
20	PI/2 BPSK	50	0	22.25	22.37	22.27	23.5	0.5
20	PI/2 BPSK	50	28	22.67	22.76	22.63	24.0	0.0
20	PI/2 BPSK	50	56	22.36	22.32	22.24	23.5	0.5
20	PI/2 BPSK	100	0	22.30	22.39	22.27		
20	QPSK	1	1	22.80	22.86	22.76	24.0	0.0
20	QPSK	1	53	22.72	22.80	22.66		
20	QPSK	1	104	22.74	22.81	22.70		
20	QPSK	50	0	21.78	21.92	21.79	23.0	1.0
20	QPSK	50	28	22.67	22.71	22.68	24.0	0.0
20	QPSK	50	56	21.79	21.81	21.79	23.0	1.0
20	QPSK	100	0	21.74	21.86	21.75		
20	16QAM	1	1	21.74	21.84	21.76	23.0	1.0
20	64QAM	1	1	20.34	20.39	20.24	21.5	2.5
20	256QAM	1	1	18.30	18.38	18.32	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.53	22.54	22.50	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.51	22.58	22.46	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.46	22.55	22.41	24.0	0.0

n38 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.69	19.67	19.58	20.8	0.0
40	PI/2 BPSK	1	53	19.59	19.65	19.62		
40	PI/2 BPSK	1	104	19.67	19.68	19.61		
40	PI/2 BPSK	50	0	19.65	19.69	19.65	20.8	0.0
40	PI/2 BPSK	50	28	19.60	19.75	19.68	20.8	0.0
40	PI/2 BPSK	50	56	19.67	19.70	19.69	20.8	0.0
40	PI/2 BPSK	100	0	19.55	19.66	19.68		
40	QPSK	1	1	19.75	19.86	19.77	20.8	0.0
40	QPSK	1	53	19.68	19.68	19.68		
40	QPSK	1	104	19.65	19.63	19.66		
40	QPSK	50	0	19.67	19.61	19.69	20.8	0.0
40	QPSK	50	28	19.77	19.87	19.83	20.8	0.0
40	QPSK	50	56	19.60	19.83	19.62	20.8	0.0
40	QPSK	100	0	19.69	19.75	19.71		
40	16QAM	1	1	19.74	19.80	19.72	20.8	0.0
40	64QAM	1	1	18.46	18.46	18.54	19.5	1.3
40	256QAM	1	1	16.50	16.57	16.41	17.5	3.3
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.63	19.82	19.73	20.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.62	19.81	19.74	20.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.69	19.79	19.74	20.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.61	19.73	19.72	20.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.76	19.76	19.68	20.8	0.0
100	PI/2 BPSK	1	137	19.70	19.76	19.68		
100	PI/2 BPSK	1	271	19.69	19.78	19.74		
100	PI/2 BPSK	135	0	19.77	19.82	19.69	20.8	0.0
100	PI/2 BPSK	135	69	19.68	19.82	19.74	20.8	0.0
100	PI/2 BPSK	135	138	19.74	19.74	19.74	20.8	0.0
100	PI/2 BPSK	270	0	19.67	19.77	19.70		
100	QPSK	1	1	19.87	19.93	19.89	20.8	0.0
100	QPSK	1	137	19.73	19.76	19.80		
100	QPSK	1	271	19.74	19.77	19.75		
100	QPSK	135	0	19.76	19.73	19.74	20.8	0.0
100	QPSK	135	69	19.84	19.90	19.86	20.8	0.0
100	QPSK	135	138	19.72	19.76	19.71	20.8	0.0
100	QPSK	270	0	19.79	19.87	19.75		
100	16QAM	1	1	19.77	19.83	19.78	20.8	0.0
100	64QAM	1	1	18.51	18.56	18.61	19.5	1.3
100	256QAM	1	1	16.59	16.61	16.51	17.5	3.3
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.69	19.81	19.77	20.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.75	19.73	19.79	20.8	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	19.75	19.81	20.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.68	19.72	19.79	20.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.68	19.80	19.78	20.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.70	19.80	19.79	20.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.73	19.82	19.77	20.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.78	19.82	19.76	20.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.78	19.81	19.72	20.8	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.77	19.77	19.71	20.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.29	15.35	15.41	16.9	0.0
20	PI/2 BPSK	1	53	15.35	15.40	15.40		
20	PI/2 BPSK	1	104	15.29	15.40	15.36		
20	PI/2 BPSK	50	0	15.30	15.38	15.38	16.9	0.0
20	PI/2 BPSK	50	28	15.29	15.34	15.40	16.9	0.0
20	PI/2 BPSK	50	56	15.30	15.37	15.30	16.9	0.0
20	PI/2 BPSK	100	0	15.37	15.43	15.39		
20	QPSK	1	1	15.50	15.57	15.52	16.9	0.0
20	QPSK	1	53	15.29	15.42	15.41		
20	QPSK	1	104	15.38	15.32	15.33		
20	QPSK	50	0	15.35	15.38	15.38	16.9	0.0
20	QPSK	50	28	15.45	15.50	15.48	16.9	0.0
20	QPSK	50	56	15.38	15.32	15.38	16.9	0.0
20	QPSK	100	0	15.32	15.41	15.38		
20	16QAM	1	1	15.29	15.32	15.37	16.9	0.0
20	64QAM	1	1	15.31	15.36	15.34	16.9	0.0
20	256QAM	1	1	15.39	15.35	15.34	16.9	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.30	15.34	15.33	16.9	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.34	15.37	15.33	16.9	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.30	15.35	15.36	16.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.41	22.55	22.51	24.0	0.0
20	PI/2 BPSK	1	53	22.35	22.48	22.32		
20	PI/2 BPSK	1	104	22.39	22.51	22.44		
20	PI/2 BPSK	50	0	22.08	22.13	21.99	23.5	0.5
20	PI/2 BPSK	50	28	22.47	22.51	22.44	24.0	0.0
20	PI/2 BPSK	50	56	21.97	22.03	21.90	23.5	0.5
20	PI/2 BPSK	100	0	21.96	22.06	21.94		
20	QPSK	1	1	22.49	22.56	22.53	24.0	0.0
20	QPSK	1	53	22.35	22.45	22.34		
20	QPSK	1	104	22.39	22.48	22.37		
20	QPSK	50	0	21.52	21.62	21.49	23.0	1.0
20	QPSK	50	28	22.30	22.41	22.31	24.0	0.0
20	QPSK	50	56	21.40	21.51	21.36	23.0	1.0
20	QPSK	100	0	21.42	21.55	21.48		
20	16QAM	1	1	21.37	21.49	21.34	23.0	1.0
20	64QAM	1	1	19.89	20.05	19.90	21.5	2.5
20	256QAM	1	1	18.25	18.39	18.25	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.26	22.31	22.19	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.24	22.39	22.21	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.19	22.32	22.29	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.98	16.03	15.92	17.4	0.0
40	PI/2 BPSK	1	108	15.93	16.02	16.01		
40	PI/2 BPSK	1	214	16.00	16.04	15.98		
40	PI/2 BPSK	108	0	16.00	15.96	15.95	17.4	0.0
40	PI/2 BPSK	108	54	16.01	16.02	16.03	17.4	0.0
40	PI/2 BPSK	108	108	15.97	15.94	16.03	17.4	0.0
40	PI/2 BPSK	216	0	15.93	15.98	16.00		
40	QPSK	1	1	16.08	16.12	16.10	17.4	0.0
40	QPSK	1	108	15.93	16.05	16.03		
40	QPSK	1	214	15.96	16.05	16.00		
40	QPSK	108	0	15.96	16.03	15.95	17.4	0.0
40	QPSK	108	54	16.05	16.07	15.99	17.4	0.0
40	QPSK	108	108	16.01	15.95	15.95	17.4	0.0
40	QPSK	216	0	15.98	16.05	15.99		
40	16QAM	1	1	15.99	15.95	15.96	17.4	0.0
40	64QAM	1	1	15.94	15.96	16.00	17.4	0.0
40	256QAM	1	1	15.94	16.02	16.00	17.4	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.96	16.01	16.03	17.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.01	15.98	15.96	17.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.99	16.02	15.92	17.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.00	16.02	15.96	17.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.93	16.00	15.98	17.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.93	16.03	15.94	17.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.38	22.51	22.45	24.0	0.0
20	PI/2 BPSK	1	53	22.30	22.39	22.26		
20	PI/2 BPSK	1	104	22.31	22.46	22.37		
20	PI/2 BPSK	50	0	22.04	22.16	22.11	23.5	0.5
20	PI/2 BPSK	50	28	22.29	22.38	22.32	24.0	0.0
20	PI/2 BPSK	50	56	21.89	22.00	21.88	23.5	0.5
20	PI/2 BPSK	100	0	22.02	22.07	22.00		
20	QPSK	1	1	22.47	22.56	22.49	24.0	0.0
20	QPSK	1	53	22.40	22.46	22.38		
20	QPSK	1	104	22.41	22.52	22.40		
20	QPSK	50	0	21.58	21.66	21.51	23.0	1.0
20	QPSK	50	28	22.39	22.46	22.42	24.0	0.0
20	QPSK	50	56	21.37	21.52	21.36	23.0	1.0
20	QPSK	100	0	21.49	21.55	21.46		
20	16QAM	1	1	21.40	21.49	21.34	23.0	1.0
20	64QAM	1	1	19.98	20.02	19.97	21.5	2.5
20	256QAM	1	1	18.25	18.30	18.17	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.36	22.47	22.39	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.32	22.50	22.37	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.34	22.46	22.39	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.68	15.78	15.72	16.8	0.0
40	PI/2 BPSK	1	108	15.65	15.78	15.66		
40	PI/2 BPSK	1	214	15.75	15.71	15.70		
40	PI/2 BPSK	108	0	15.65	15.67	15.69	16.8	0.0
40	PI/2 BPSK	108	54	15.72	15.71	15.66	16.8	0.0
40	PI/2 BPSK	108	108	15.72	15.69	15.68	16.8	0.0
40	PI/2 BPSK	216	0	15.69	15.79	15.74		
40	QPSK	1	1	15.82	15.85	15.80	16.8	0.0
40	QPSK	1	108	15.73	15.72	15.70		
40	QPSK	1	214	15.65	15.77	15.64		
40	QPSK	108	0	15.74	15.76	15.74	16.8	0.0
40	QPSK	108	54	15.81	15.83	15.81	16.8	0.0
40	QPSK	108	108	15.74	15.68	15.72	16.8	0.0
40	QPSK	216	0	15.72	15.79	15.74		
40	16QAM	1	1	15.76	15.69	15.69	16.8	0.0
40	64QAM	1	1	15.64	15.74	15.63	16.8	0.0
40	256QAM	1	1	15.72	15.75	15.64	16.8	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	15.66	15.72	15.70	16.8	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.73	15.76	15.62	16.8	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	15.72	15.70	15.64	16.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.70	15.79	15.66	16.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.66	15.69	15.67	16.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.70	15.75	15.67	16.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.70	15.77	15.64	16.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.87	15.91	15.73	17.3	0.0
40	PI/2 BPSK	1	53	15.81	15.88	15.84		
40	PI/2 BPSK	1	104	15.88	15.87	15.78		
40	PI/2 BPSK	50	0	15.85	15.84	15.78	17.3	0.0
40	PI/2 BPSK	50	28	15.85	15.83	15.85	17.3	0.0
40	PI/2 BPSK	50	56	15.71	15.94	15.76	17.3	0.0
40	PI/2 BPSK	100	0	15.81	15.81	15.77		
40	QPSK	1	1	15.90	16.01	15.86	17.3	0.0
40	QPSK	1	53	15.81	15.85	15.79		
40	QPSK	1	104	15.76	15.86	15.75		
40	QPSK	50	0	15.88	15.90	15.84	17.3	0.0
40	QPSK	50	28	15.93	15.95	15.86	17.3	0.0
40	QPSK	50	56	15.81	15.83	15.78	17.3	0.0
40	QPSK	100	0	15.81	15.90	15.84		
40	16QAM	1	1	15.77	15.78	15.82	17.3	0.0
40	64QAM	1	1	15.77	15.82	15.71	17.3	0.0
40	256QAM	1	1	15.79	15.86	15.79	17.3	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.82	15.89	15.79	17.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	15.87	15.88	15.81	17.3	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.84	15.96	15.73	17.3	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.81	15.87	15.81	17.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.90	15.94	15.86	17.3	0.0
100	PI/2 BPSK	1	137	15.91	15.94	15.91		
100	PI/2 BPSK	1	271	15.94	15.91	15.86		
100	PI/2 BPSK	135	0	15.95	15.93	15.92	17.3	0.0
100	PI/2 BPSK	135	69	15.92	15.87	15.89	17.3	0.0
100	PI/2 BPSK	135	138	15.86	15.98	15.85	17.3	0.0
100	PI/2 BPSK	270	0	15.88	15.90	15.90		
100	QPSK	1	1	16.02	16.05	16.00	17.3	0.0
100	QPSK	1	137	15.95	15.94	15.87		
100	QPSK	1	271	15.89	15.89	15.86		
100	QPSK	135	0	15.92	15.97	15.88	17.3	0.0
100	QPSK	135	69	15.99	16.01	15.92	17.3	0.0
100	QPSK	135	138	15.90	15.96	15.87	17.3	0.0
100	QPSK	270	0	15.95	15.97	15.92		
100	16QAM	1	1	15.90	15.88	15.88	17.3	0.0
100	64QAM	1	1	15.89	15.89	15.84	17.3	0.0
100	256QAM	1	1	15.87	15.96	15.83	17.3	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.92	15.90	15.87	17.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.94	15.87	15.84	17.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.90	15.88	15.85	17.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.93	15.96	15.92	17.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.86	15.89	15.87	17.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.90	15.94	15.84	17.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.95	15.95	15.91	17.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.94	15.92	15.91	17.3	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.90	15.92	15.90	17.3	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.90	15.99	15.83	17.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.47	20.45	20.49	21.7	0.0
20	PI/2 BPSK	1	53	20.48	20.50	20.48		
20	PI/2 BPSK	1	104	20.42	20.54	20.50		
20	PI/2 BPSK	50	0	20.43	20.50	20.42	21.7	0.0
20	PI/2 BPSK	50	28	20.44	20.46	20.49	21.7	0.0
20	PI/2 BPSK	50	56	20.50	20.48	20.41	21.7	0.0
20	PI/2 BPSK	100	0	20.52	20.52	20.50		
20	QPSK	1	1	20.62	20.65	20.60	21.7	0.0
20	QPSK	1	53	20.46	20.54	20.47		
20	QPSK	1	104	20.52	20.53	20.47		
20	QPSK	50	0	20.43	20.50	20.51	21.7	0.0
20	QPSK	50	28	20.51	20.62	20.48	21.7	0.0
20	QPSK	50	56	20.48	20.48	20.46	21.7	0.0
20	QPSK	100	0	20.52	20.54	20.53		
20	16QAM	1	1	20.48	20.55	20.49	21.7	0.0
20	64QAM	1	1	20.32	20.37	20.38	21.5	0.2
20	256QAM	1	1	18.46	18.41	18.35	19.5	2.2
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.48	20.47	20.43	21.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.52	20.56	20.43	21.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.47	20.52	20.47	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	19.92	20.06	19.99	21.3	0.0
40	PI/2 BPSK	1	108	19.94	20.05	19.95		
40	PI/2 BPSK	1	214	20.02	19.95	20.00		
40	PI/2 BPSK	108	0	20.01	19.97	19.99	21.3	0.0
40	PI/2 BPSK	108	54	19.95	20.00	19.98	21.3	0.0
40	PI/2 BPSK	108	108	19.92	20.00	19.96	21.3	0.0
40	PI/2 BPSK	216	0	19.96	20.02	20.04		
40	QPSK	1	1	20.11	20.15	20.13	21.3	0.0
40	QPSK	1	108	19.95	20.03	19.95		
40	QPSK	1	214	19.95	19.98	20.00		
40	QPSK	108	0	19.91	20.05	19.97	21.3	0.0
40	QPSK	108	54	20.00	20.10	20.05	21.3	0.0
40	QPSK	108	108	19.99	20.06	20.00	21.3	0.0
40	QPSK	216	0	19.97	20.06	20.02		
40	16QAM	1	1	19.95	20.03	20.00	21.3	0.0
40	64QAM	1	1	20.02	19.99	19.96	21.3	0.0
40	256QAM	1	1	18.33	18.41	18.36	19.5	1.8
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.01	20.04	19.98	21.3	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.98	20.00	19.97	21.3	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.95	19.95	19.94	21.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.94	20.05	19.99	21.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.93	19.99	19.97	21.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.00	20.03	20.02	21.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.45	20.48	20.50	21.9	0.0
40	PI/2 BPSK	1	108	20.51	20.46	20.48		
40	PI/2 BPSK	1	214	20.44	20.48	20.39		
40	PI/2 BPSK	108	0	20.47	20.48	20.49	21.9	0.0
40	PI/2 BPSK	108	54	20.46	20.45	20.38	21.9	0.0
40	PI/2 BPSK	108	108	20.45	20.51	20.40	21.9	0.0
40	PI/2 BPSK	216	0	20.44	20.53	20.42		
40	QPSK	1	1	20.58	20.61	20.56	21.9	0.0
40	QPSK	1	108	20.41	20.43	20.45		
40	QPSK	1	214	20.42	20.54	20.45		
40	QPSK	108	0	20.45	20.48	20.41	21.9	0.0
40	QPSK	108	54	20.55	20.58	20.46	21.9	0.0
40	QPSK	108	108	20.46	20.46	20.41	21.9	0.0
40	QPSK	216	0	20.46	20.52	20.49		
40	16QAM	1	1	20.47	20.53	20.38	21.9	0.0
40	64QAM	1	1	20.17	20.22	20.11	21.5	0.4
40	256QAM	1	1	18.19	18.23	18.15	19.5	2.4
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.41	20.47	20.53	21.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.47	20.44	20.45	21.9	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.44	20.48	20.46	21.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.42	20.45	20.48	21.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.50	20.55	20.45	21.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.46	20.45	20.44	21.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.41	20.55	20.40	21.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.93	19.94	19.97	21.1	0.0
40	PI/2 BPSK	1	53	19.96	19.98	19.87		
40	PI/2 BPSK	1	104	19.92	19.98	19.82		
40	PI/2 BPSK	50	0	19.93	20.04	19.96	21.1	0.0
40	PI/2 BPSK	50	28	19.99	19.99	19.98	21.1	0.0
40	PI/2 BPSK	50	56	19.90	19.96	19.92	21.1	0.0
40	PI/2 BPSK	100	0	19.85	20.02	19.92		
40	QPSK	1	1	20.08	20.12	20.05	21.1	0.0
40	QPSK	1	53	19.93	19.91	19.88		
40	QPSK	1	104	19.96	19.95	19.93		
40	QPSK	50	0	19.93	19.95	19.92	21.1	0.0
40	QPSK	50	28	20.01	20.07	20.01	21.1	0.0
40	QPSK	50	56	19.96	19.95	19.84	21.1	0.0
40	QPSK	100	0	20.02	20.08	20.02		
40	16QAM	1	1	20.00	20.01	19.92	21.1	0.0
40	64QAM	1	1	19.94	19.99	19.96	21.1	0.0
40	256QAM	1	1	18.54	18.49	18.45	19.5	1.6
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.00	20.01	20.01	21.1	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.97	20.06	20.01	21.1	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.06	19.98	19.99	21.1	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.99	19.99	20.01	21.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.00	20.08	20.01	21.1	0.0
100	PI/2 BPSK	1	137	19.99	20.01	19.97		
100	PI/2 BPSK	1	271	19.98	20.10	19.95		
100	PI/2 BPSK	135	0	20.03	20.07	20.02	21.1	0.0
100	PI/2 BPSK	135	69	20.01	20.03	20.03	21.1	0.0
100	PI/2 BPSK	135	138	20.01	20.08	19.96	21.1	0.0
100	PI/2 BPSK	270	0	19.98	20.05	19.99		
100	QPSK	1	1	20.18	20.20	20.15	21.1	0.0
100	QPSK	1	137	19.99	20.03	19.95		
100	QPSK	1	271	20.03	20.06	19.97		
100	QPSK	135	0	20.06	20.02	19.96	21.1	0.0
100	QPSK	135	69	20.15	20.16	20.08	21.1	0.0
100	QPSK	135	138	20.01	20.08	19.96	21.1	0.0
100	QPSK	270	0	20.10	20.13	20.10		
100	16QAM	1	1	20.03	20.04	19.95	21.1	0.0
100	64QAM	1	1	20.05	20.06	20.01	21.1	0.0
100	256QAM	1	1	18.58	18.61	18.52	19.5	1.6
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.98	20.03	19.95	21.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.06	20.03	20.03	21.1	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.08	20.05	19.99	21.1	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.08	20.04	20.01	21.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.02	20.01	20.04	21.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.98	20.10	20.05	21.1	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.01	20.07	19.96	21.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.97	20.10	19.98	21.1	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.98	20.01	20.05	21.1	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.08	20.05	20.05	21.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.84	17.85	17.87	19.0	0.0
100	PI/2 BPSK	1	137	17.86	17.93	17.88		
100	PI/2 BPSK	1	271	17.80	17.95	17.89		
100	PI/2 BPSK	135	0	17.81	17.95	17.91	19.0	0.0
100	PI/2 BPSK	135	69	17.78	17.95	17.81	19.0	0.0
100	PI/2 BPSK	135	138	17.84	17.85	17.89	19.0	0.0
100	PI/2 BPSK	270	0	17.89	17.88	17.85		
100	QPSK	1	1	18.04	18.05	18.03	19.0	0.0
100	QPSK	1	137	17.77	17.90	17.89		
100	QPSK	1	271	17.85	17.85	17.86		
100	QPSK	135	0	17.80	17.85	17.91	19.0	0.0
100	QPSK	135	69	17.95	18.02	17.98	19.0	0.0
100	QPSK	135	138	17.80	17.84	17.92	19.0	0.0
100	QPSK	270	0	17.87	17.89	17.86		
100	16QAM	1	1	17.78	17.89	17.81	19.0	0.0
100	64QAM	1	1	17.79	17.85	17.80	19.0	0.0
100	256QAM	1	1	17.80	17.95	17.87	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	17.81	17.91	17.85	19.0	0.0
Channel				648334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.79	17.90	17.92	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.78	17.92	17.84	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	17.81	17.95	17.87	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	17.85	17.85	17.90	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.81	17.96	17.87	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	17.87	17.92	17.87	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	17.79	17.88	17.90	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	17.82	17.88	17.82	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.88	17.86	17.90	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.80	20.92	20.81	22.0	0.0
100	PI/2 BPSK	1	137	20.89	20.90	20.79		
100	PI/2 BPSK	1	271	20.82	20.88	20.87		
100	PI/2 BPSK	135	0	20.79	20.91	20.83	22.0	0.0
100	PI/2 BPSK	135	69	20.83	20.93	20.90	22.0	0.0
100	PI/2 BPSK	135	138	20.81	20.92	20.88	22.0	0.0
100	PI/2 BPSK	270	0	20.80	20.91	20.80		
100	QPSK	1	1	20.98	21.05	20.98	22.0	0.0
100	QPSK	1	137	20.81	20.90	20.90		
100	QPSK	1	271	20.80	20.86	20.90		
100	QPSK	135	0	20.79	20.86	20.89	22.0	0.0
100	QPSK	135	69	20.95	21.00	20.96	22.0	0.0
100	QPSK	135	138	20.83	20.92	20.84	22.0	0.0
100	QPSK	270	0	20.88	20.93	20.90		
100	16QAM	1	1	20.87	20.82	20.85	22.0	0.0
100	64QAM	1	1	20.85	20.82	20.80	22.0	0.0
100	256QAM	1	1	20.78	20.85	20.82	22.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.87	20.88	20.84	22.0	0.0
Channel				648334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.82	20.92	20.81	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.80	20.83	20.83	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	20.85	20.83	20.83	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	20.83	20.87	20.85	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.87	20.90	20.82	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	20.81	20.88	20.90	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	20.81	20.91	20.87	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	20.82	20.92	20.81	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.86	20.84	20.81	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.72		19.0	0.0
100	PI/2 BPSK	1	137		17.86			
100	PI/2 BPSK	1	271		17.83			
100	PI/2 BPSK	135	0		17.86		19.0	0.0
100	PI/2 BPSK	135	69		17.87		19.0	0.0
100	PI/2 BPSK	135	138		17.80		19.0	0.0
100	PI/2 BPSK	270	0		17.80			
100	QPSK	1	1		17.95		19.0	0.0
100	QPSK	1	137		17.85			
100	QPSK	1	271		17.77			
100	QPSK	135	0		17.73		19.0	0.0
100	QPSK	135	69		17.87		19.0	0.0
100	QPSK	135	138		17.72		19.0	0.0
100	QPSK	270	0		17.82			
100	16QAM	1	1		17.82		19.0	0.0
100	64QAM	1	1		17.79		19.0	0.0
100	256QAM	1	1		17.90		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	17.92	17.90	17.94	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	17.91	17.87	17.89	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.88	17.92	17.83	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	17.83	17.90	17.87	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	17.84	17.87	17.91	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.92	17.88	17.93	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	17.82	17.94	17.88	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	17.80	17.93	17.89	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	17.92	17.91	17.87	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.87	17.89	17.86	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		20.81		22.0	0.0
100	PI/2 BPSK	1	137		20.78			
100	PI/2 BPSK	1	271		20.84			
100	PI/2 BPSK	135	0		20.82		22.0	0.0
100	PI/2 BPSK	135	69		20.83		22.0	0.0
100	PI/2 BPSK	135	138		20.85		22.0	0.0
100	PI/2 BPSK	270	0		20.85			
100	QPSK	1	1		20.92		22.0	0.0
100	QPSK	1	137		20.75			
100	QPSK	1	271		20.81			
100	QPSK	135	0		20.71		22.0	0.0
100	QPSK	135	69		20.88		22.0	0.0
100	QPSK	135	138		20.82		22.0	0.0
100	QPSK	270	0		20.81			
100	16QAM	1	1		20.73		22.0	0.0
100	64QAM	1	1		20.71		22.0	0.0
100	256QAM	1	1		20.75		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	20.85	20.91	20.88	22.0	0.0
Channel				648334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.79	20.84	20.84	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.79	20.85	20.85	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	20.80	20.90	20.77	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	20.83	20.88	20.87	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.82	20.90	20.81	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	20.84	20.86	20.86	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	20.87	20.80	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	20.78	20.90	20.82	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.85	20.87	20.78	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	16.70	16.68	16.60	17.8	0.0
100	PI/2 BPSK	1	137	16.65	16.73	16.66		
100	PI/2 BPSK	1	271	16.72	16.66	16.63		
100	PI/2 BPSK	135	0	16.62	16.69	16.66	17.8	0.0
100	PI/2 BPSK	135	69	16.71	16.66	16.58	17.8	0.0
100	PI/2 BPSK	135	138	16.70	16.76	16.65	17.8	0.0
100	PI/2 BPSK	270	0	16.66	16.68	16.59		
100	QPSK	1	1	16.81	16.85	16.79	17.8	0.0
100	QPSK	1	137	16.71	16.68	16.62		
100	QPSK	1	271	16.65	16.71	16.66		
100	QPSK	135	0	16.70	16.67	16.60	17.8	0.0
100	QPSK	135	69	16.78	16.81	16.65	17.8	0.0
100	QPSK	135	138	16.72	16.72	16.64	17.8	0.0
100	QPSK	270	0	16.75	16.76	16.72		
100	16QAM	1	1	16.67	16.72	16.60	17.8	0.0
100	64QAM	1	1	16.68	16.65	16.70	17.8	0.0
100	256QAM	1	1	16.63	16.68	16.65	17.8	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.67	16.73	16.63	17.8	0.0
Channel				648334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.60	16.68	16.67	17.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.72	16.70	16.68	17.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.66	16.73	16.67	17.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.66	16.72	16.68	17.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.60	16.66	16.65	17.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.61	16.72	16.59	17.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.68	16.65	16.62	17.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.64	16.69	16.67	17.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.69	16.68	16.66	17.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.65	19.68	19.58	20.8	0.0
100	PI/2 BPSK	1	137	19.62	19.60	19.63		
100	PI/2 BPSK	1	271	19.59	19.68	19.65		
100	PI/2 BPSK	135	0	19.66	19.68	19.66	20.8	0.0
100	PI/2 BPSK	135	69	19.59	19.69	19.57	20.8	0.0
100	PI/2 BPSK	135	138	19.62	19.66	19.63	20.8	0.0
100	PI/2 BPSK	270	0	19.61	19.67	19.59		
100	QPSK	1	1	19.76	19.79	19.74	20.8	0.0
100	QPSK	1	137	19.67	19.60	19.58		
100	QPSK	1	271	19.64	19.65	19.60		
100	QPSK	135	0	19.59	19.68	19.61	20.8	0.0
100	QPSK	135	69	19.68	19.74	19.65	20.8	0.0
100	QPSK	135	138	19.64	19.71	19.60	20.8	0.0
100	QPSK	270	0	19.66	19.69	19.68		
100	16QAM	1	1	19.59	19.68	19.58	20.8	0.0
100	64QAM	1	1	19.64	19.66	19.62	20.8	0.0
100	256QAM	1	1	19.62	19.69	19.63	20.8	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.62	19.62	19.62	20.8	0.0
Channel				648334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.61	19.68	19.59	20.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.57	19.71	19.62	20.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.68	19.61	19.64	20.8	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	19.67	19.65	20.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.69	19.62	19.61	20.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.59	19.60	19.56	20.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.62	19.64	19.63	20.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.59	19.68	19.58	20.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.63	19.69	19.56	20.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.56		17.8	0.0
100	PI/2 BPSK	1	137		16.68			
100	PI/2 BPSK	1	271		16.53			
100	PI/2 BPSK	135	0		16.55		17.8	0.0
100	PI/2 BPSK	135	69		16.54		17.8	0.0
100	PI/2 BPSK	135	138		16.68		17.8	0.0
100	PI/2 BPSK	270	0		16.59			
100	QPSK	1	1		16.77		17.8	0.0
100	QPSK	1	137		16.53			
100	QPSK	1	271		16.57			
100	QPSK	135	0		16.59		17.8	0.0
100	QPSK	135	69		16.68		17.8	0.0
100	QPSK	135	138		16.63		17.8	0.0
100	QPSK	270	0		16.67			
100	16QAM	1	1		16.61		17.8	0.0
100	64QAM	1	1		16.57		17.8	0.0
100	256QAM	1	1		16.56		17.8	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.73	16.76	16.58	17.8	0.0
Channel				648334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.74	16.68	16.54	17.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.67	16.67	16.58	17.8	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	16.75	16.53	17.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.64	16.70	16.59	17.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.72	16.69	16.52	17.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.69	16.70	16.56	17.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.70	16.75	16.57	17.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.69	16.70	16.56	17.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.74	16.74	16.52	17.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.60		20.8	0.0
100	PI/2 BPSK	1	137		19.52			
100	PI/2 BPSK	1	271		19.55			
100	PI/2 BPSK	135	0		19.61		20.8	0.0
100	PI/2 BPSK	135	69		19.62		20.8	0.0
100	PI/2 BPSK	135	138		19.55		20.8	0.0
100	PI/2 BPSK	270	0		19.54			
100	QPSK	1	1		19.69		20.8	0.0
100	QPSK	1	137		19.52			
100	QPSK	1	271		19.52			
100	QPSK	135	0		19.54		20.8	0.0
100	QPSK	135	69		19.66		20.8	0.0
100	QPSK	135	138		19.63		20.8	0.0
100	QPSK	270	0		19.62			
100	16QAM	1	1		19.63		20.8	0.0
100	64QAM	1	1		19.63		20.8	0.0
100	256QAM	1	1		19.55		20.8	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.65	19.68	19.55	20.8	0.0
Channel				648334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.58	19.67	19.56	20.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.65	19.64	19.55	20.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.58	19.63	19.62	20.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.63	19.64	19.57	20.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.61	19.67	19.51	20.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.56	19.65	19.58	20.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.57	19.64	19.55	20.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.62	19.61	19.53	20.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.60	19.60	19.57	20.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.98	18.01	17.99	19.5	0.0
100	PI/2 BPSK	1	137	18.01	18.11	18.04		
100	PI/2 BPSK	1	271	17.97	18.06	18.08		
100	PI/2 BPSK	135	0	18.03	18.11	18.03	19.5	0.0
100	PI/2 BPSK	135	69	18.05	18.09	18.03	19.5	0.0
100	PI/2 BPSK	135	138	18.00	18.04	17.99	19.5	0.0
100	PI/2 BPSK	270	0	18.03	18.03	17.99		
100	QPSK	1	1	18.15	18.20	18.18	19.5	0.0
100	QPSK	1	137	18.02	18.04	18.01		
100	QPSK	1	271	18.04	18.09	18.08		
100	QPSK	135	0	17.95	18.00	18.01	19.5	0.0
100	QPSK	135	69	18.05	18.17	18.08	19.5	0.0
100	QPSK	135	138	18.05	18.04	17.99	19.5	0.0
100	QPSK	270	0	18.07	18.10	18.09		
100	16QAM	1	1	18.05	18.00	18.03	19.5	0.0
100	64QAM	1	1	18.05	18.02	18.08	19.5	0.0
100	256QAM	1	1	18.01	18.02	18.04	19.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.00	18.08	18.01	19.5	0.0
Channel				648334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.98	18.01	18.09	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.04	18.09	18.08	19.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.05	18.02	17.99	19.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.04	18.09	18.07	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.03	17.99	17.99	19.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.01	18.01	17.99	19.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.97	18.07	18.08	19.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.00	18.07	17.98	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.99	18.02	18.07	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	21.05	21.00	20.94	22.5	0.0
100	PI/2 BPSK	1	137	21.03	21.08	20.99		
100	PI/2 BPSK	1	271	21.02	21.08	21.00		
100	PI/2 BPSK	135	0	20.97	21.06	20.97	22.5	0.0
100	PI/2 BPSK	135	69	20.99	20.99	21.03	22.5	0.0
100	PI/2 BPSK	135	138	21.05	21.10	20.95	22.5	0.0
100	PI/2 BPSK	270	0	20.99	21.10	20.99		
100	QPSK	1	1	21.16	21.19	21.14	22.5	0.0
100	QPSK	1	137	21.03	21.09	21.01		
100	QPSK	1	271	20.99	21.04	21.04		
100	QPSK	135	0	21.02	21.00	21.04	22.5	0.0
100	QPSK	135	69	21.03	21.17	21.00	22.5	0.0
100	QPSK	135	138	20.98	21.03	21.01	22.5	0.0
100	QPSK	270	0	21.04	21.14	21.03		
100	16QAM	1	1	21.06	21.02	21.05	22.5	0.0
100	64QAM	1	1	21.07	21.04	20.94	22.5	0.0
100	256QAM	1	1	21.06	21.01	21.04	22.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.03	21.07	21.04	22.5	0.0
Channel				648334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.02	20.98	21.00	22.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.97	21.05	20.94	22.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.00	21.08	20.94	22.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.05	21.00	20.96	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.08	21.09	20.98	22.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.96	21.08	21.01	22.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.98	21.05	20.95	22.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.02	21.08	20.94	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.06	21.09	20.95	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.97		19.5	0.0
100	PI/2 BPSK	1	137		17.97			
100	PI/2 BPSK	1	271		17.95			
100	PI/2 BPSK	135	0		18.07		19.5	0.0
100	PI/2 BPSK	135	69		17.96		19.5	0.0
100	PI/2 BPSK	135	138		17.89		19.5	0.0
100	PI/2 BPSK	270	0		18.00			
100	QPSK	1	1		18.10		19.5	0.0
100	QPSK	1	137		17.91			
100	QPSK	1	271		17.98			
100	QPSK	135	0		17.96		19.5	0.0
100	QPSK	135	69		18.04		19.5	0.0
100	QPSK	135	138		17.92		19.5	0.0
100	QPSK	270	0		18.03			
100	16QAM	1	1		17.87		19.5	0.0
100	64QAM	1	1		17.98		19.5	0.0
100	256QAM	1	1		17.91		19.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.93	18.01	17.99	19.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.01	17.99	18.02	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.97	17.97	18.04	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.99	18.06	17.96	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.04	18.01	18.05	19.5	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	18.05	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.94	18.00	18.05	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.02	17.97	17.97	19.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.93	18.07	18.00	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.94	17.96	18.04	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.96		22.5	0.0
100	PI/2 BPSK	1	137		20.97			
100	PI/2 BPSK	1	271		20.99			
100	PI/2 BPSK	135	0		21.02		22.5	0.0
100	PI/2 BPSK	135	69		20.85		22.5	0.0
100	PI/2 BPSK	135	138		21.05		22.5	0.0
100	PI/2 BPSK	270	0		20.98			
100	QPSK	1	1		21.09		22.5	0.0
100	QPSK	1	137		20.95			
100	QPSK	1	271		21.00			
100	QPSK	135	0		20.89		22.5	0.0
100	QPSK	135	69		21.07		22.5	0.0
100	QPSK	135	138		20.93		22.5	0.0
100	QPSK	270	0		21.01			
100	16QAM	1	1		20.95		22.5	0.0
100	64QAM	1	1		20.90		22.5	0.0
100	256QAM	1	1		20.89		22.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.92	21.06	20.92	22.5	0.0
Channel				648334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.00	21.04	20.91	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.00	21.08	20.88	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.99	21.02	20.98	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.92	21.00	20.94	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.89	21.00	20.97	22.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.89	21.00	20.97	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.96	21.04	20.94	22.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.01	21.08	20.96	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.91	21.05	20.92	22.5	0.0

Part27O 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.55	21.58	21.60	23.3	0.0
100	PI/2 BPSK	1	137	21.53	21.63	21.60		
100	PI/2 BPSK	1	271	21.51	21.54	21.58		
100	PI/2 BPSK	135	0	21.59	21.58	21.53	23.3	0.0
100	PI/2 BPSK	135	69	21.56	21.63	21.55	23.3	0.0
100	PI/2 BPSK	135	138	21.59	21.55	21.59	23.3	0.0
100	PI/2 BPSK	270	0	21.50	21.54	21.52		
100	QPSK	1	1	21.70	21.75	21.72	23.3	0.0
100	QPSK	1	137	21.58	21.64	21.62		
100	QPSK	1	271	21.50	21.62	21.62		
100	QPSK	135	0	21.39	21.42	21.43	23.0	0.3
100	QPSK	135	69	21.63	21.72	21.67	23.3	0.0
100	QPSK	135	138	21.43	21.46	21.45	23.0	0.3
100	QPSK	270	0	21.38	21.48	21.39		
100	16QAM	1	1	21.40	21.43	21.41	23.0	0.3
100	64QAM	1	1	19.95	20.00	19.89	21.5	1.8
100	256QAM	1	1	17.92	18.00	17.94	19.5	3.8
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.56	21.65	21.57	23.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.49	21.62	21.51	23.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.53	21.55	21.63	23.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.57	21.61	21.63	23.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.52	21.59	21.53	23.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.52	21.54	21.58	23.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.59	21.63	21.62	23.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.59	21.62	21.53	23.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.50	21.56	21.61	23.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.57	21.63	21.53	23.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.64	24.70	24.59	26.3	0.0
100	PI/2 BPSK	1	137	24.65	24.69	24.60		
100	PI/2 BPSK	1	271	24.58	24.62	24.63		
100	PI/2 BPSK	135	0	24.59	24.64	24.66	26.3	0.0
100	PI/2 BPSK	135	69	24.61	24.63	24.60	26.3	0.0
100	PI/2 BPSK	135	138	24.66	24.64	24.59	26.3	0.0
100	PI/2 BPSK	270	0	24.63	24.60	24.65		
100	QPSK	1	1	24.76	24.81	24.78	26.3	0.0
100	QPSK	1	137	24.66	24.69	24.66		
100	QPSK	1	271	24.66	24.67	24.60		
100	QPSK	135	0	24.38	24.43	24.43	26.0	0.3
100	QPSK	135	69	24.69	24.72	24.69	26.3	0.0
100	QPSK	135	138	24.40	24.42	24.34	26.0	0.3
100	QPSK	270	0	24.39	24.47	24.37		
100	16QAM	1	1	24.36	24.36	24.32	26.0	0.3
100	64QAM	1	1	22.91	22.91	22.87	24.5	1.8
100	256QAM	1	1	20.88	20.95	20.90	22.5	3.8
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.58	24.71	24.60	26.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.66	24.70	24.64	26.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.56	24.61	24.65	26.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.59	24.69	24.62	26.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.57	24.71	24.69	26.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.58	24.65	24.69	26.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.58	24.68	24.62	26.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.64	24.70	24.60	26.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.60	24.64	24.67	26.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.57	24.65	24.67	26.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.54		23.3	0.0
100	PI/2 BPSK	1	137		21.55			
100	PI/2 BPSK	1	271		21.42			
100	PI/2 BPSK	135	0		21.48		23.3	0.0
100	PI/2 BPSK	135	69		21.55		23.3	0.0
100	PI/2 BPSK	135	138		21.45		23.3	0.0
100	PI/2 BPSK	270	0		21.40			
100	QPSK	1	1		21.66		23.3	0.0
100	QPSK	1	137		21.57			
100	QPSK	1	271		21.53			
100	QPSK	135	0		21.28		23.0	0.3
100	QPSK	135	69		21.63		23.3	0.0
100	QPSK	135	138		21.41		23.0	0.3
100	QPSK	270	0		21.43			
100	16QAM	1	1		21.38		23.0	0.3
100	64QAM	1	1		19.86		21.5	1.8
100	256QAM	1	1		17.87		19.5	3.8
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.47	21.58	21.46	23.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.44	21.56	21.47	23.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.46	21.54	21.51	23.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.47	21.54	21.49	23.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.51	21.53	21.43	23.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.45	21.53	21.53	23.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.49	21.52	21.46	23.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.42	21.62	21.51	23.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.43	21.60	21.45	23.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.45	21.61	21.42	23.3	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		24.65		26.3	0.0
100	PI/2 BPSK	1	137		24.59			
100	PI/2 BPSK	1	271		24.50			
100	PI/2 BPSK	135	0		24.57		26.3	0.0
100	PI/2 BPSK	135	69		24.56		26.3	0.0
100	PI/2 BPSK	135	138		24.59		26.3	0.0
100	PI/2 BPSK	270	0		24.48			
100	QPSK	1	1		24.77		26.3	0.0
100	QPSK	1	137		24.55			
100	QPSK	1	271		24.53			
100	QPSK	135	0		24.39		26.0	0.3
100	QPSK	135	69		24.68		26.3	0.0
100	QPSK	135	138		24.32		26.0	0.3
100	QPSK	270	0		24.34			
100	16QAM	1	1		24.22		26.0	0.3
100	64QAM	1	1		22.86		24.5	1.8
100	256QAM	1	1		20.84		22.5	3.8
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.52	24.61	24.57	26.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.51	24.62	24.51	26.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.51	24.63	24.53	26.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.48	24.62	24.48	26.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.50	24.57	24.48	26.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.48	24.56	24.56	26.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.50	24.61	24.49	26.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.46	24.62	24.48	26.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.55	24.67	24.45	26.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.46	24.57	24.52	26.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.67	22.82	22.76	24.0	0.0
40	PI/2 BPSK	1	53	22.68	22.77	22.70		
40	PI/2 BPSK	1	104	22.62	22.68	22.61		
40	PI/2 BPSK	50	0	22.15	22.24	22.15	23.5	0.5
40	PI/2 BPSK	50	28	22.58	22.66	22.58	24.0	0.0
40	PI/2 BPSK	50	56	22.40	22.46	22.33	23.5	0.5
40	PI/2 BPSK	100	0	22.30	22.41	22.31		
40	QPSK	1	1	22.81	22.91	22.90	24.0	0.0
40	QPSK	1	53	22.63	22.78	22.69		
40	QPSK	1	104	22.70	22.84	22.70		
40	QPSK	50	0	21.81	21.89	21.82	23.0	1.0
40	QPSK	50	28	22.73	22.78	22.69	24.0	0.0
40	QPSK	50	56	21.79	21.86	21.74	23.0	1.0
40	QPSK	100	0	21.69	21.81	21.69		
40	16QAM	1	1	21.80	21.88	21.77	23.0	1.0
40	64QAM	1	1	20.32	20.45	20.29	21.5	2.5
40	256QAM	1	1	18.46	18.52	18.38	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.54	22.69	22.60	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.51	22.74	22.62	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.51	22.72	22.60	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.48	22.73	22.59	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.87	22.92	22.87	24.0	0.0
100	PI/2 BPSK	1	137	22.74	22.79	22.72		
100	PI/2 BPSK	1	271	22.72	22.79	22.72		
100	PI/2 BPSK	135	0	22.42	22.46	22.37	23.5	0.5
100	PI/2 BPSK	135	69	22.74	22.81	22.75	24.0	0.0
100	PI/2 BPSK	135	138	22.46	22.54	22.48	23.5	0.5
100	PI/2 BPSK	270	0	22.35	22.41	22.34		
100	QPSK	1	1	22.81	22.96	22.88	24.0	0.0
100	QPSK	1	137	22.69	22.81	22.75		
100	QPSK	1	271	22.68	22.83	22.79		
100	QPSK	135	0	21.81	21.95	21.81	23.0	1.0
100	QPSK	135	69	22.75	22.85	22.72	24.0	0.0
100	QPSK	135	138	21.83	21.90	21.79	23.0	1.0
100	QPSK	270	0	21.77	21.84	21.69		
100	16QAM	1	1	21.84	21.90	21.78	23.0	1.0
100	64QAM	1	1	20.40	20.53	20.39	21.5	2.5
100	256QAM	1	1	18.25	18.38	18.33	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	22.60	22.72	22.64	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.65	22.75	22.60	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	22.75	22.83	22.75	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	22.62	22.76	22.65	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	22.59	22.77	22.67	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	22.62	22.65	22.61	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	22.60	22.71	22.61	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	22.63	22.68	22.69	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	22.64	22.69	22.70	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	22.63	22.73	22.69	24.0	0.0

Reduced Power Mode for Other PA DSI3

n2 Ant 1 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.23	15.25	15.32	16.9	0.0
20	PI/2 BPSK	1	53	15.21	15.24	15.35		
20	PI/2 BPSK	1	104	15.22	15.23	15.23		
20	PI/2 BPSK	50	0	15.23	15.26	15.25	16.9	0.0
20	PI/2 BPSK	50	28	15.22	15.18	15.24	16.9	0.0
20	PI/2 BPSK	50	56	15.24	15.23	15.21	16.9	0.0
20	PI/2 BPSK	100	0	15.29	15.32	15.23		
20	QPSK	1	1	15.44	15.47	15.35	16.9	0.0
20	QPSK	1	53	15.16	15.36	15.27		
20	QPSK	1	104	15.23	15.26	15.27		
20	QPSK	50	0	15.21	15.31	15.30	16.9	0.0
20	QPSK	50	28	15.37	15.44	15.41	16.9	0.0
20	QPSK	50	56	15.27	15.24	15.32	16.9	0.0
20	QPSK	100	0	15.18	15.35	15.26		
20	16QAM	1	1	15.23	15.26	15.26	16.9	0.0
20	64QAM	1	1	15.15	15.25	15.29	16.9	0.0
20	256QAM	1	1	15.23	15.23	15.23	16.9	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.37	15.32	15.29	16.9	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.30	15.35	15.23	16.9	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.30	15.36	15.30	16.9	0.0

n7 Ant 1 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.82	15.92	15.79	17.4	0.0
40	PI/2 BPSK	1	108	15.76	15.90	15.92		
40	PI/2 BPSK	1	214	15.88	15.87	15.81		
40	PI/2 BPSK	108	0	15.94	15.85	15.82	17.4	0.0
40	PI/2 BPSK	108	54	15.91	15.91	15.92	17.4	0.0
40	PI/2 BPSK	108	108	15.84	15.87	15.87	17.4	0.0
40	PI/2 BPSK	216	0	15.86	15.81	15.91		
40	QPSK	1	1	15.97	16.07	15.94	17.4	0.0
40	QPSK	1	108	15.85	15.95	15.93		
40	QPSK	1	214	15.84	15.91	15.87		
40	QPSK	108	0	15.81	15.89	15.84	17.4	0.0
40	QPSK	108	54	15.92	15.98	15.84	17.4	0.0
40	QPSK	108	108	15.95	15.81	15.86	17.4	0.0
40	QPSK	216	0	15.85	15.96	15.92		
40	16QAM	1	1	15.88	15.87	15.86	17.4	0.0
40	64QAM	1	1	15.79	15.81	15.94	17.4	0.0
40	256QAM	1	1	15.83	15.94	15.85	17.4	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.84	16.02	15.83	17.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.90	15.95	15.82	17.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.81	16.02	15.77	17.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.91	16.02	15.81	17.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.87	15.97	15.84	17.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.87	16.01	15.87	17.4	0.0

n66 Ant 1 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.51	15.61	15.56	16.8	0.0
40	PI/2 BPSK	1	108	15.52	15.72	15.59		
40	PI/2 BPSK	1	214	15.61	15.58	15.59		
40	PI/2 BPSK	108	0	15.50	15.53	15.59	16.8	0.0
40	PI/2 BPSK	108	54	15.61	15.57	15.56	16.8	0.0
40	PI/2 BPSK	108	108	15.67	15.62	15.52	16.8	0.0
40	PI/2 BPSK	216	0	15.64	15.72	15.64		
40	QPSK	1	1	15.68	15.77	15.74	16.8	0.0
40	QPSK	1	108	15.59	15.59	15.53		
40	QPSK	1	214	15.59	15.61	15.58		
40	QPSK	108	0	15.62	15.68	15.63	16.8	0.0
40	QPSK	108	54	15.68	15.73	15.65	16.8	0.0
40	QPSK	108	108	15.62	15.53	15.67	16.8	0.0
40	QPSK	216	0	15.57	15.68	15.58		
40	16QAM	1	1	15.66	15.55	15.55	16.8	0.0
40	64QAM	1	1	15.55	15.59	15.49	16.8	0.0
40	256QAM	1	1	15.56	15.67	15.48	16.8	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	15.62	15.60	15.66	16.8	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.58	15.61	15.62	16.8	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	15.51	15.62	15.59	16.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.55	15.62	15.61	16.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.56	15.72	15.59	16.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.60	15.60	15.66	16.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.52	15.64	15.68	16.8	0.0

n2 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.35	20.29	20.40	21.7	0.0
20	PI/2 BPSK	1	53	20.31	20.43	20.32		
20	PI/2 BPSK	1	104	20.35	20.37	20.39		
20	PI/2 BPSK	50	0	20.34	20.40	20.35	21.7	0.0
20	PI/2 BPSK	50	28	20.33	20.38	20.35	21.7	0.0
20	PI/2 BPSK	50	56	20.40	20.37	20.27	21.7	0.0
20	PI/2 BPSK	100	0	20.45	20.40	20.43		
20	QPSK	1	1	20.53	20.59	20.47	21.7	0.0
20	QPSK	1	53	20.35	20.42	20.37		
20	QPSK	1	104	20.43	20.42	20.33		
20	QPSK	50	0	20.35	20.37	20.36	21.7	0.0
20	QPSK	50	28	20.36	20.56	20.36	21.7	0.0
20	QPSK	50	56	20.40	20.42	20.34	21.7	0.0
20	QPSK	100	0	20.38	20.45	20.43		
20	16QAM	1	1	20.42	20.40	20.35	21.7	0.0
20	64QAM	1	1	19.27	19.42	19.37	20.5	1.2
20	256QAM	1	1	17.48	17.42	17.35	18.5	3.2
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.42	20.46	20.40	21.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.40	20.54	20.38	21.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.36	20.53	20.39	21.7	0.0

n66 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.29	20.39	20.34	21.9	0.0
40	PI/2 BPSK	1	108	20.43	20.37	20.35		
40	PI/2 BPSK	1	214	20.30	20.38	20.26		
40	PI/2 BPSK	108	0	20.41	20.31	20.42	21.9	0.0
40	PI/2 BPSK	108	54	20.37	20.39	20.25	21.9	0.0
40	PI/2 BPSK	108	108	20.36	20.39	20.27	21.9	0.0
40	PI/2 BPSK	216	0	20.37	20.40	20.35		
40	QPSK	1	1	20.47	20.56	20.51	21.9	0.0
40	QPSK	1	108	20.29	20.34	20.31		
40	QPSK	1	214	20.29	20.42	20.33		
40	QPSK	108	0	20.36	20.36	20.25	21.9	0.0
40	QPSK	108	54	20.41	20.47	20.36	21.9	0.0
40	QPSK	108	108	20.35	20.34	20.26	21.9	0.0
40	QPSK	216	0	20.31	20.43	20.40		
40	16QAM	1	1	20.42	20.44	20.30	21.9	0.0
40	64QAM	1	1	19.12	19.20	19.07	20.5	1.4
40	256QAM	1	1	17.23	17.24	17.19	18.5	3.4
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.37	20.42	20.37	21.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.38	20.51	20.35	21.9	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.33	20.47	20.44	21.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.38	20.41	20.34	21.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.42	20.43	20.36	21.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.34	20.45	20.36	21.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.37	20.45	20.45	21.9	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	22.60	22.70	22.62	24.0	0.0
20	Pi/2 BPSK	1	53	22.54	22.71	22.71		
20	Pi/2 BPSK	1	104	22.53	22.76	22.72		
20	Pi/2 BPSK	50	0	22.15	22.32	22.24	23.5	0.5
20	Pi/2 BPSK	50	28	22.52	22.71	22.66	24.0	0.0
20	Pi/2 BPSK	50	56	22.11	22.31	22.28	23.5	0.5
20	Pi/2 BPSK	100	0	22.18	22.33	22.29		
20	QPSK	1	1	22.66	22.80	22.77	24.0	0.0
20	QPSK	1	53	22.50	22.64	22.64		
20	QPSK	1	104	22.53	22.70	22.61		
20	QPSK	50	0	21.63	21.74	21.71	23.0	1.0
20	QPSK	50	28	22.56	22.73	22.63	24.0	0.0
20	QPSK	50	56	21.65	21.81	21.76	23.0	1.0
20	QPSK	100	0	21.70	21.79	21.75		
20	16QAM	1	1	21.71	21.78	21.76	23.0	1.0
20	64QAM	1	1	20.15	20.27	20.28	21.5	2.5
20	256QAM	1	1	18.14	18.34	18.22	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.37	22.53	22.44	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.32	22.53	22.53	24.0	0.0
Channel				165350	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.32	22.52	22.49	24.0	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	22.73	22.78	22.69	24.0	0.0
20	Pi/2 BPSK	1	53	22.69	22.73	22.67		
20	Pi/2 BPSK	1	104	22.73	22.82	22.68		
20	Pi/2 BPSK	50	0	22.25	22.37	22.27	23.5	0.5
20	Pi/2 BPSK	50	28	22.67	22.76	22.63	24.0	0.0
20	Pi/2 BPSK	50	56	22.36	22.32	22.24	23.5	0.5
20	Pi/2 BPSK	100	0	22.30	22.39	22.27		
20	QPSK	1	1	22.80	22.86	22.76	24.0	0.0
20	QPSK	1	53	22.72	22.80	22.66		
20	QPSK	1	104	22.74	22.81	22.70		
20	QPSK	50	0	21.78	21.92	21.79	23.0	1.0
20	QPSK	50	28	22.67	22.71	22.68	24.0	0.0
20	QPSK	50	56	21.79	21.81	21.79	23.0	1.0
20	QPSK	100	0	21.74	21.86	21.75		
20	16QAM	1	1	21.74	21.84	21.76	23.0	1.0
20	64QAM	1	1	20.34	20.39	20.24	21.5	2.5
20	256QAM	1	1	18.30	18.38	18.32	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.53	22.54	22.50	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.51	22.58	22.46	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.46	22.55	22.41	24.0	0.0

n38 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.68	20.76	20.67	22.0	0.0
40	PI/2 BPSK	1	53	20.72	20.69	20.75		
40	PI/2 BPSK	1	104	20.71	20.80	20.69		
40	PI/2 BPSK	50	0	20.29	20.37	20.32	21.5	0.5
40	PI/2 BPSK	50	28	20.67	20.70	20.75	22.0	0.0
40	PI/2 BPSK	50	56	20.32	20.32	20.29	21.5	0.5
40	PI/2 BPSK	100	0	20.28	20.30	20.30		
40	QPSK	1	1	20.81	20.85	20.82	22.0	0.0
40	QPSK	1	53	20.67	20.79	20.69		
40	QPSK	1	104	20.73	20.81	20.73		
40	QPSK	50	0	19.80	19.79	19.80	21.0	1.0
40	QPSK	50	28	20.70	20.76	20.75	22.0	0.0
40	QPSK	50	56	19.77	19.86	19.84	21.0	1.0
40	QPSK	100	0	19.83	19.91	19.82		
40	16QAM	1	1	19.83	19.83	19.77	21.0	1.0
40	64QAM	1	1	18.26	18.32	18.38	19.5	2.5
40	256QAM	1	1	16.30	16.41	16.31	17.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.54	20.58	20.53	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.55	20.59	20.48	22.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.55	20.55	20.58	22.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.48	20.51	20.54	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.76	20.88	20.86	22.0	0.0
100	PI/2 BPSK	1	137	20.79	20.83	20.81		
100	PI/2 BPSK	1	271	20.74	20.86	20.85		
100	PI/2 BPSK	135	0	20.42	20.48	20.38	21.5	0.5
100	PI/2 BPSK	135	69	20.83	20.88	20.84	22.0	0.0
100	PI/2 BPSK	135	138	20.41	20.44	20.43	21.5	0.5
100	PI/2 BPSK	270	0	20.38	20.38	20.41		
100	QPSK	1	1	20.89	20.94	20.91	22.0	0.0
100	QPSK	1	137	20.75	20.84	20.77		
100	QPSK	1	271	20.81	20.84	20.80		
100	QPSK	135	0	19.94	19.95	19.89	21.0	1.0
100	QPSK	135	69	20.78	20.85	20.81	22.0	0.0
100	QPSK	135	138	19.92	19.99	19.88	21.0	1.0
100	QPSK	270	0	19.93	19.97	19.92		
100	16QAM	1	1	19.84	19.92	19.92	21.0	1.0
100	64QAM	1	1	18.36	18.43	18.43	19.5	2.5
100	256QAM	1	1	16.41	16.42	16.39	17.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.61	20.61	20.60	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.60	20.69	20.66	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.82	20.83	20.82	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.65	20.59	20.56	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.61	20.60	20.63	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.64	20.60	20.58	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.61	20.68	20.58	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.60	20.65	20.60	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.55	20.63	20.58	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.59	20.69	20.65	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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.39	22.45	22.41	24.0	0.0
20	PI/2 BPSK	1	53	22.35	22.42	22.30		
20	PI/2 BPSK	1	104	22.25	22.41	22.31		
20	PI/2 BPSK	50	0	21.95	22.01	21.96	23.5	0.5
20	PI/2 BPSK	50	28	22.33	22.37	22.32	24.0	0.0
20	PI/2 BPSK	50	56	21.81	21.95	21.87	23.5	0.5
20	PI/2 BPSK	100	0	21.87	22.01	21.85		
20	QPSK	1	1	22.47	22.50	22.44	24.0	0.0
20	QPSK	1	53	22.33	22.39	22.33		
20	QPSK	1	104	22.31	22.36	22.25		
20	QPSK	50	0	21.41	21.50	21.41	23.0	1.0
20	QPSK	50	28	22.34	22.43	22.30	24.0	0.0
20	QPSK	50	56	21.40	21.46	21.33	23.0	1.0
20	QPSK	100	0	21.41	21.47	21.40		
20	16QAM	1	1	21.43	21.58	21.46	23.0	1.0
20	64QAM	1	1	20.12	20.17	20.01	21.5	2.5
20	256QAM	1	1	18.35	18.43	18.37	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.23	22.29	22.24	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.21	22.28	22.20	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.20	22.35	22.22	24.0	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	22.41	22.55	22.51	24.0	0.0
20	PI/2 BPSK	1	53	22.35	22.48	22.32		
20	PI/2 BPSK	1	104	22.39	22.51	22.44		
20	PI/2 BPSK	50	0	22.08	22.13	21.99	23.5	0.5
20	PI/2 BPSK	50	28	22.47	22.51	22.44	24.0	0.0
20	PI/2 BPSK	50	56	21.97	22.03	21.90	23.5	0.5
20	PI/2 BPSK	100	0	21.96	22.06	21.94		
20	QPSK	1	1	22.49	22.56	22.53	24.0	0.0
20	QPSK	1	53	22.35	22.45	22.34		
20	QPSK	1	104	22.39	22.48	22.37		
20	QPSK	50	0	21.52	21.62	21.49	23.0	1.0
20	QPSK	50	28	22.30	22.41	22.31	24.0	0.0
20	QPSK	50	56	21.40	21.51	21.36	23.0	1.0
20	QPSK	100	0	21.42	21.55	21.48		
20	16QAM	1	1	21.37	21.49	21.34	23.0	1.0
20	64QAM	1	1	19.89	20.05	19.90	21.5	2.5
20	256QAM	1	1	18.25	18.39	18.25	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.26	22.31	22.19	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.24	22.39	22.21	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.19	22.32	22.29	24.0	0.0

n7 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.52	22.58	22.46	24.0	0.0
40	PI/2 BPSK	1	108	22.36	22.46	22.37		
40	PI/2 BPSK	1	214	22.41	22.45	22.38		
40	PI/2 BPSK	108	0	21.87	22.03	21.94	23.5	0.5
40	PI/2 BPSK	108	54	22.40	22.49	22.38	24.0	0.0
40	PI/2 BPSK	108	108	21.78	21.93	21.78	23.5	0.5
40	PI/2 BPSK	216	0	21.81	21.95	21.86		
40	QPSK	1	1	22.56	22.62	22.55	24.0	0.0
40	QPSK	1	108	22.38	22.48	22.41		
40	QPSK	1	214	22.47	22.52	22.47		
40	QPSK	108	0	21.48	21.55	21.44	23.0	1.0
40	QPSK	108	54	22.45	22.52	22.43	24.0	0.0
40	QPSK	108	108	21.38	21.43	21.29	23.0	1.0
40	QPSK	216	0	21.37	21.45	21.37		
40	16QAM	1	1	21.19	21.29	21.16	23.0	1.0
40	64QAM	1	1	20.03	20.08	19.94	21.5	2.5
40	256QAM	1	1	17.92	18.07	18.02	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.27	22.38	22.28	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.29	22.41	22.26	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.31	22.38	22.26	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.23	22.34	22.35	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.33	22.43	22.27	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.24	22.39	22.33	24.0	0.0

BW [MHz]
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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		
PI/2 BPSK	1	1	22.38	22.51	22.45	24.0	0.0
PI/2 BPSK	1	53	22.30	22.39	22.26		
PI/2 BPSK	1	104	22.31	22.46	22.37		
PI/2 BPSK	50	0	22.04	22.16	22.11	23.5	0.5
PI/2 BPSK	50	28	22.29	22.38	22.32	24.0	0.0
PI/2 BPSK	50	56	21.89	22.00	21.88	23.5	0.5
PI/2 BPSK	100	0	22.02	22.07	22.00		
QPSK	1	1	22.47	22.56	22.49	24.0	0.0
QPSK	1	53	22.40	22.46	22.38		
QPSK	1	104	22.41	22.52	22.40		
QPSK	50	0	21.58	21.66	21.51	23.0	1.0
QPSK	50	28	22.39	22.46	22.42	24.0	0.0
QPSK	50	56	21.37	21.52	21.36	23.0	1.0
QPSK	100	0	21.49	21.55	21.46		
16QAM	1	1	21.40	21.49	21.34	23.0	1.0
64QAM	1	1	19.98	20.02	19.97	21.5	2.5
256QAM	1	1	18.25	18.30	18.17	19.5	4.5
Channel			164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			821.5	831.5	841.5		
QPSK	1	1	22.36	22.47	22.39	24.0	0.0
Channel			163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			819	831.5	844		
QPSK	1	1	22.32	22.50	22.37	24.0	0.0
Channel			163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			816.5	831.5	846.5		
QPSK	1	1	22.34	22.46	22.39	24.0	0.0

n66 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.64	22.69	22.59	24.0	0.0
40	PI/2 BPSK	1	108	22.49	22.63	22.55		
40	PI/2 BPSK	1	214	22.52	22.58	22.54		
40	PI/2 BPSK	108	0	22.32	22.37	22.33	23.5	0.5
40	PI/2 BPSK	108	54	22.47	22.60	22.50	24.0	0.0
40	PI/2 BPSK	108	108	22.16	22.26	22.13	23.5	0.5
40	PI/2 BPSK	216	0	22.06	22.18	22.04		
40	QPSK	1	1	22.68	22.72	22.62	24.0	0.0
40	QPSK	1	108	22.48	22.57	22.52		
40	QPSK	1	214	22.54	22.64	22.52		
40	QPSK	108	0	21.63	21.79	21.69	23.0	1.0
40	QPSK	108	54	22.50	22.58	22.47	24.0	0.0
40	QPSK	108	108	21.64	21.76	21.71	23.0	1.0
40	QPSK	216	0	21.52	21.61	21.48		
40	16QAM	1	1	21.48	21.63	21.49	23.0	1.0
40	64QAM	1	1	19.98	20.05	19.93	21.5	2.5
40	256QAM	1	1	18.60	18.65	18.57	19.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.59	22.62	22.47	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.58	22.61	22.55	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.63	22.60	22.53	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.53	22.65	22.55	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.63	22.58	22.48	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.57	22.63	22.51	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.62	22.62	22.47	24.0	0.0

n38 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.91	21.00	20.85	22.5	0.0
40	PI/2 BPSK	1	53	20.83	20.91	20.79		
40	PI/2 BPSK	1	104	20.76	20.87	20.78		
40	PI/2 BPSK	50	0	20.32	20.46	20.36	22.0	0.5
40	PI/2 BPSK	50	28	20.81	20.90	20.84	22.5	0.0
40	PI/2 BPSK	50	56	20.37	20.42	20.37	22.0	0.5
40	PI/2 BPSK	100	0	20.26	20.38	20.22		
40	QPSK	1	1	20.96	21.02	21.00	22.5	0.0
40	QPSK	1	53	20.78	20.91	20.81		
40	QPSK	1	104	20.79	20.88	20.82		
40	QPSK	50	0	19.93	19.97	19.90	21.5	1.0
40	QPSK	50	28	20.83	20.93	20.80	22.5	0.0
40	QPSK	50	56	19.75	19.91	19.85	21.5	1.0
40	QPSK	100	0	19.81	19.92	19.83		
40	16QAM	1	1	19.71	19.81	19.76	21.5	1.0
40	64QAM	1	1	18.17	18.32	18.20	20.0	2.5
40	256QAM	1	1	16.52	16.60	16.52	18.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.62	20.76	20.70	22.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.72	20.76	20.68	22.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.70	20.82	20.76	22.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.68	20.76	20.66	22.5	0.0

n41 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.93	21.04	20.94	22.5	0.0
100	PI/2 BPSK	1	137	20.90	20.96	20.89		
100	PI/2 BPSK	1	271	20.77	20.90	20.84		
100	PI/2 BPSK	135	0	20.47	20.63	20.59	22.0	0.5
100	PI/2 BPSK	135	69	20.86	20.94	20.87	22.5	0.0
100	PI/2 BPSK	135	138	20.51	20.64	20.55	22.0	0.5
100	PI/2 BPSK	270	0	20.51	20.59	20.46		
100	QPSK	1	1	21.05	21.08	20.97	22.5	0.0
100	QPSK	1	137	20.90	21.02	20.95		
100	QPSK	1	271	20.87	20.92	20.78		
100	QPSK	135	0	19.99	20.13	20.08	21.5	1.0
100	QPSK	135	69	20.83	20.98	20.88	22.5	0.0
100	QPSK	135	138	20.05	20.10	19.97	21.5	1.0
100	QPSK	270	0	19.84	19.97	19.88		
100	16QAM	1	1	19.87	20.01	19.90	21.5	1.0
100	64QAM	1	1	18.29	18.39	18.26	20.0	2.5
100	256QAM	1	1	16.91	17.03	16.96	18.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.76	20.86	20.84	22.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.76	20.97	20.86	22.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.97	21.01	20.82	22.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.86	20.93	20.82	22.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.80	20.97	20.84	22.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.83	20.86	20.83	22.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.76	20.95	20.86	22.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.85	20.96	20.86	22.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.78	20.87	20.89	22.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.79	20.89	20.80	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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.62	22.70	22.58	24.0	0.0
20	PI/2 BPSK	1	53	22.50	22.55	22.39		
20	PI/2 BPSK	1	104	22.51	22.56	22.43		
20	PI/2 BPSK	50	0	22.07	22.19	22.11	23.5	0.5
20	PI/2 BPSK	50	28	22.45	22.57	22.52	24.0	0.0
20	PI/2 BPSK	50	56	22.03	22.14	22.08	23.5	0.5
20	PI/2 BPSK	100	0	21.98	22.07	21.97		
20	QPSK	1	1	22.68	22.72	22.70	24.0	0.0
20	QPSK	1	53	22.50	22.58	22.53		
20	QPSK	1	104	22.61	22.66	22.52		
20	QPSK	50	0	21.61	21.66	21.62	23.0	1.0
20	QPSK	50	28	22.54	22.61	22.55	24.0	0.0
20	QPSK	50	56	21.46	21.60	21.50	23.0	1.0
20	QPSK	100	0	21.49	21.61	21.49		
20	16QAM	1	1	21.22	21.30	21.15	23.0	1.0
20	64QAM	1	1	20.02	20.08	19.99	21.5	2.5
20	256QAM	1	1	18.26	18.35	18.29	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.42	22.51	22.40	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.39	22.46	22.42	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.42	22.48	22.38	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.44	22.50	22.42	24.0	0.0
40	PI/2 BPSK	1	108	22.23	22.39	22.29		
40	PI/2 BPSK	1	214	22.37	22.41	22.25		
40	PI/2 BPSK	108	0	21.93	22.07	22.00	23.5	0.5
40	PI/2 BPSK	108	54	22.28	22.40	22.26	24.0	0.0
40	PI/2 BPSK	108	108	22.04	22.18	22.05	23.5	0.5
40	PI/2 BPSK	216	0	22.02	22.12	22.01		
40	QPSK	1	1	22.58	22.63	22.61	24.0	0.0
40	QPSK	1	108	22.43	22.52	22.38		
40	QPSK	1	214	22.43	22.50	22.44		
40	QPSK	108	0	21.38	21.54	21.43	23.0	1.0
40	QPSK	108	54	22.49	22.54	22.40	24.0	0.0
40	QPSK	108	108	21.42	21.52	21.42	23.0	1.0
40	QPSK	216	0	21.38	21.46	21.31		
40	16QAM	1	1	21.41	21.48	21.44	23.0	1.0
40	64QAM	1	1	19.66	19.75	19.64	21.5	2.5
40	256QAM	1	1	17.98	18.07	17.95	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.29	22.44	22.31	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.37	22.44	22.32	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.33	22.41	22.33	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.32	22.39	22.23	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.39	22.38	22.24	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.36	22.36	22.31	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.43	22.55	22.41	24.0	0.0
40	PI/2 BPSK	1	108	22.36	22.46	22.36		
40	PI/2 BPSK	1	214	22.45	22.50	22.42		
40	PI/2 BPSK	108	0	22.01	22.09	22.05	23.5	0.5
40	PI/2 BPSK	108	54	22.33	22.45	22.34	24.0	0.0
40	PI/2 BPSK	108	108	21.92	22.02	21.92	23.5	0.5
40	PI/2 BPSK	216	0	21.99	22.03	21.94		
40	QPSK	1	1	22.51	22.58	22.52	24.0	0.0
40	QPSK	1	108	22.40	22.52	22.43		
40	QPSK	1	214	22.44	22.53	22.48		
40	QPSK	108	0	21.42	21.58	21.42	23.0	1.0
40	QPSK	108	54	22.41	22.53	22.42	24.0	0.0
40	QPSK	108	108	21.47	21.51	21.45	23.0	1.0
40	QPSK	216	0	21.33	21.47	21.35		
40	16QAM	1	1	21.27	21.33	21.21	23.0	1.0
40	64QAM	1	1	19.76	19.81	19.76	21.5	2.5
40	256QAM	1	1	18.26	18.37	18.27	19.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.27	22.42	22.31	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.27	22.38	22.39	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.30	22.48	22.36	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.34	22.37	22.29	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.26	22.45	22.35	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.27	22.46	22.29	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.34	22.40	22.35	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.36	22.45	22.38	24.0	0.0
40	PI/2 BPSK	1	53	22.18	22.30	22.15		
40	PI/2 BPSK	1	104	22.27	22.39	22.29		
40	PI/2 BPSK	50	0	21.89	22.01	21.88	23.5	0.5
40	PI/2 BPSK	50	28	22.35	22.39	22.27	24.0	0.0
40	PI/2 BPSK	50	56	21.98	22.12	22.00	23.5	0.5
40	PI/2 BPSK	100	0	21.91	22.01	21.96		
40	QPSK	1	1	22.49	22.56	22.53	24.0	0.0
40	QPSK	1	53	22.37	22.48	22.32		
40	QPSK	1	104	22.36	22.51	22.39		
40	QPSK	50	0	21.49	21.55	21.51	23.0	1.0
40	QPSK	50	28	22.38	22.50	22.38	24.0	0.0
40	QPSK	50	56	21.42	21.52	21.37	23.0	1.0
40	QPSK	100	0	21.34	21.48	21.34		
40	16QAM	1	1	21.38	21.48	21.36	23.0	1.0
40	64QAM	1	1	19.78	19.87	19.83	21.5	2.5
40	256QAM	1	1	18.04	18.13	18.08	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.22	22.34	22.24	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.30	22.32	22.20	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.32	22.38	22.19	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.27	22.38	22.24	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.59	22.65	22.55	24.0	0.0
100	PI/2 BPSK	1	137	22.38	22.53	22.43		
100	PI/2 BPSK	1	271	22.53	22.60	22.49		
100	PI/2 BPSK	135	0	21.95	22.11	22.01	23.5	0.5
100	PI/2 BPSK	135	69	22.47	22.57	22.49	24.0	0.0
100	PI/2 BPSK	135	138	22.16	22.23	22.15	23.5	0.5
100	PI/2 BPSK	270	0	21.93	22.01	21.90		
100	QPSK	1	1	22.57	22.66	22.61	24.0	0.0
100	QPSK	1	137	22.48	22.58	22.49		
100	QPSK	1	271	22.44	22.54	22.39		
100	QPSK	135	0	21.49	21.61	21.52	23.0	1.0
100	QPSK	135	69	22.52	22.56	22.45	24.0	0.0
100	QPSK	135	138	21.61	21.75	21.68	23.0	1.0
100	QPSK	270	0	21.54	21.59	21.44		
100	16QAM	1	1	21.49	21.53	21.42	23.0	1.0
100	64QAM	1	1	19.83	19.98	19.85	21.5	2.5
100	256QAM	1	1	17.90	17.98	17.82	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	22.32	22.45	22.34	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.40	22.45	22.41	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	22.49	22.58	22.56	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	22.40	22.49	22.40	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	22.39	22.52	22.44	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	22.34	22.52	22.43	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	22.34	22.52	22.45	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.44	22.52	22.40	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	22.33	22.45	22.42	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	22.35	22.52	22.40	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	22.44	22.55	22.43	24.0	0.0
100	PI/2 BPSK	1	137	22.42	22.48	22.49		
100	PI/2 BPSK	1	271	22.43	22.51	22.49		
100	PI/2 BPSK	135	0	21.97	22.05	21.97	23.5	0.5
100	PI/2 BPSK	135	69	22.36	22.50	22.43	24.0	0.0
100	PI/2 BPSK	135	138	21.98	22.10	22.09	23.5	0.5
100	PI/2 BPSK	270	0	22.06	22.06	22.08		
100	QPSK	1	1	22.50	22.59	22.53	24.0	0.0
100	QPSK	1	137	22.43	22.50	22.46		
100	QPSK	1	271	22.36	22.56	22.42		
100	QPSK	135	0	21.50	21.54	21.57	23.0	1.0
100	QPSK	135	69	22.35	22.46	22.43	24.0	0.0
100	QPSK	135	138	21.54	21.54	21.55	23.0	1.0
100	QPSK	270	0	21.54	21.58	21.53		
100	16QAM	1	1	21.53	21.56	21.51	23.0	1.0
100	64QAM	1	1	20.02	20.04	20.03	21.5	2.5
100	256QAM	1	1	18.03	18.12	18.09	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.37	22.49	22.38	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.33	22.42	22.37	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.38	22.48	22.37	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.43	22.43	22.38	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.42	22.53	22.42	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.38	22.48	22.41	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.38	22.44	22.45	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.38	22.49	22.42	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.35	22.52	22.44	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.35	22.50	22.37	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	25.27	25.34	25.24	27.0	0.0
100	PI/2 BPSK	1	137	25.20	25.27	25.07		
100	PI/2 BPSK	1	271	25.22	25.22	25.18		
100	PI/2 BPSK	135	0	24.91	24.99	24.91	26.5	0.5
100	PI/2 BPSK	135	69	25.28	25.31	25.25	27.0	0.0
100	PI/2 BPSK	135	138	24.86	24.98	24.88	26.5	0.5
100	PI/2 BPSK	270	0	24.89	24.96	24.90		
100	QPSK	1	1	25.40	25.44	25.35	27.0	0.0
100	QPSK	1	137	25.36	25.35	25.21		
100	QPSK	1	271	25.35	25.35	25.32		
100	QPSK	135	0	24.45	24.38	24.36	26.0	1.0
100	QPSK	135	69	25.33	25.36	25.20	27.0	0.0
100	QPSK	135	138	24.43	24.42	24.40	26.0	1.0
100	QPSK	270	0	24.40	24.49	24.29		
100	16QAM	1	1	24.39	24.46	24.30	26.0	1.0
100	64QAM	1	1	22.93	22.94	22.82	24.5	2.5
100	256QAM	1	1	20.92	20.92	20.83	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	25.34	25.40	25.29	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	25.26	25.41	25.22	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.27	25.32	25.31	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	25.26	25.39	25.25	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	25.31	25.32	25.21	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.30	25.30	25.29	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	25.27	25.36	25.25	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	25.31	25.37	25.26	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	25.33	25.33	25.32	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.32	25.38	25.23	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		22.44		24.0	0.0
100	PI/2 BPSK	1	137		22.37			
100	PI/2 BPSK	1	271		22.41			
100	PI/2 BPSK	135	0		22.01		23.5	0.5
100	PI/2 BPSK	135	69		22.42		24.0	0.0
100	PI/2 BPSK	135	138		21.96		23.5	0.5
100	PI/2 BPSK	270	0		21.96			
100	QPSK	1	1		22.47		24.0	0.0
100	QPSK	1	137		22.35			
100	QPSK	1	271		22.44			
100	QPSK	135	0		21.40		23.0	1.0
100	QPSK	135	69		22.32		24.0	0.0
100	QPSK	135	138		21.41		23.0	1.0
100	QPSK	270	0		21.50			
100	16QAM	1	1		21.46		23.0	1.0
100	64QAM	1	1		19.92		21.5	2.5
100	256QAM	1	1		18.05		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.29	22.39	22.30	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.30	22.37	22.23	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.26	22.39	22.26	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.29	22.38	22.31	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.34	22.36	22.29	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.32	22.40	22.35	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.32	22.45	22.26	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.29	22.37	22.28	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.26	22.40	22.25	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.28	22.35	22.27	24.0	0.0

BW [MHz]
100
100
100
100
100
100
100
100
100
100
100
100
100
100
100
90
80
70
60
50
40
30
20
15
10

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Modulation	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		
PI/2 BPSK	1	1		25.28		27.0	0.0
PI/2 BPSK	1	137		25.21			
PI/2 BPSK	1	271		25.10			
PI/2 BPSK	135	0		24.95		26.5	0.5
PI/2 BPSK	135	69		25.23		27.0	0.0
PI/2 BPSK	135	138		24.85		26.5	0.5
PI/2 BPSK	270	0		24.92			
QPSK	1	1		25.40		27.0	0.0
QPSK	1	137		25.29			
QPSK	1	271		25.23			
QPSK	135	0		24.23		26.0	1.0
QPSK	135	69		25.33		27.0	0.0
QPSK	135	138		24.37		26.0	1.0
QPSK	270	0		24.46			
16QAM	1	1		24.41		26.0	1.0
64QAM	1	1		22.80		24.5	2.5
256QAM	1	1		20.78		22.5	4.5
Channel			649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3745.02	3750	3755.01		
QPSK	1	1	25.27	25.29	25.25	27.0	0.0
Channel			649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3740.01	3750	3760.02		
QPSK	1	1	25.21	25.36	25.16	27.0	0.0
Channel			649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3735	3750	3765		
QPSK	1	1	25.22	25.35	25.25	27.0	0.0
Channel			648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3730.02	3750	3770.01		
QPSK	1	1	25.22	25.37	25.24	27.0	0.0
Channel			648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3725.01	3750	3775.02		
QPSK	1	1	25.28	25.30	25.20	27.0	0.0
Channel			648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3720	3750	3780		
QPSK	1	1	25.24	25.31	25.22	27.0	0.0
Channel			647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3715.02	3750	3785.01		
QPSK	1	1	25.27	25.29	25.22	27.0	0.0
Channel			647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3710.01	3750	3790.02		
QPSK	1	1	25.24	25.27	25.17	27.0	0.0
Channel			647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3707.52	3750	3792.51		
QPSK	1	1	25.20	25.31	25.24	27.0	0.0
Channel			647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3705	3750	3795		
QPSK	1	1	25.19	25.32	25.16	27.0	0.0

Part27O n77 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.59	22.69	22.72	24.0	0.0
100	PI/2 BPSK	1	137	22.64	22.69	22.72		
100	PI/2 BPSK	1	271	22.64	22.64	22.64		
100	PI/2 BPSK	135	0	22.27	22.26	22.30	23.5	0.5
100	PI/2 BPSK	135	69	22.64	22.68	22.60	24.0	0.0
100	PI/2 BPSK	135	138	22.19	22.26	22.29	23.5	0.5
100	PI/2 BPSK	270	0	22.22	22.33	22.22		
100	QPSK	1	1	22.72	22.79	22.75	24.0	0.0
100	QPSK	1	137	22.58	22.72	22.65		
100	QPSK	1	271	22.57	22.76	22.71		
100	QPSK	135	0	21.67	21.76	21.72	23.0	1.0
100	QPSK	135	69	22.59	22.74	22.71	24.0	0.0
100	QPSK	135	138	21.75	21.73	21.78	23.0	1.0
100	QPSK	270	0	21.74	21.78	21.72		
100	16QAM	1	1	21.77	21.74	21.70	23.0	1.0
100	64QAM	1	1	20.23	20.31	20.23	21.5	2.5
100	256QAM	1	1	18.22	18.32	18.27	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.64	22.68	22.58	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.61	22.64	22.68	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.55	22.72	22.64	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.58	22.67	22.60	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.58	22.72	22.59	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.54	22.67	22.65	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.59	22.65	22.64	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.61	22.64	22.65	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.62	22.64	22.68	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.65	22.67	22.67	24.0	0.0

Part27O n77 HPUE 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.61	25.75	25.76	27.0	0.0
100	PI/2 BPSK	1	137	25.61	25.66	25.71		
100	PI/2 BPSK	1	271	25.61	25.61	25.64		
100	PI/2 BPSK	135	0	25.31	25.27	25.26	26.5	0.5
100	PI/2 BPSK	135	69	25.60	25.64	25.61	27.0	0.0
100	PI/2 BPSK	135	138	25.20	25.28	25.26	26.5	0.5
100	PI/2 BPSK	270	0	25.27	25.33	25.20		
100	QPSK	1	1	25.76	25.82	25.77	27.0	0.0
100	QPSK	1	137	25.53	25.71	25.69		
100	QPSK	1	271	25.53	25.76	25.73		
100	QPSK	135	0	24.69	24.78	24.68	26.0	1.0
100	QPSK	135	69	25.73	25.79	25.74	27.0	0.0
100	QPSK	135	138	24.74	24.71	24.80	26.0	1.0
100	QPSK	270	0	24.71	24.76	24.74		
100	16QAM	1	1	24.80	24.70	24.71	26.0	1.0
100	64QAM	1	1	23.20	23.28	23.20	24.5	2.5
100	256QAM	1	1	21.21	21.28	21.33	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	25.64	25.71	25.64	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	25.60	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	25.60	25.65	25.63	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	25.66	25.71	25.65	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	25.60	25.72	25.64	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.70	25.67	25.64	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	25.69	25.70	25.70	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	25.62	25.67	25.67	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	25.59	25.70	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	25.63	25.65	25.65	27.0	0.0

Part27O n78 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.64		24.0	0.0
100	PI/2 BPSK	1	137		22.62			
100	PI/2 BPSK	1	271		22.58			
100	PI/2 BPSK	135	0		22.18		23.5	0.5
100	PI/2 BPSK	135	69		22.56		24.0	0.0
100	PI/2 BPSK	135	138		22.23		23.5	0.5
100	PI/2 BPSK	270	0		22.24			
100	QPSK	1	1		22.75		24.0	0.0
100	QPSK	1	137		22.67			
100	QPSK	1	271		22.71			
100	QPSK	135	0		21.70		23.0	1.0
100	QPSK	135	69		22.70		24.0	0.0
100	QPSK	135	138		21.68		23.0	1.0
100	QPSK	270	0		21.64			
100	16QAM	1	1		21.63		23.0	1.0
100	64QAM	1	1		20.26		21.5	2.5
100	256QAM	1	1		18.28		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.54	22.58	22.46	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.56	22.64	22.50	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.51	22.60	22.45	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.61	22.59	22.47	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.58	22.64	22.43	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.54	22.57	22.50	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.57	22.62	22.49	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.54	22.64	22.46	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.54	22.59	22.49	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.53	22.57	22.45	24.0	0.0

BW [MHz]
100
100
100

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Modulation	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		
PI/2 BPSK	1	1		25.61		27.0	0.0
PI/2 BPSK	1	137		25.62			
PI/2 BPSK	1	271		25.56			
PI/2 BPSK	135	0		25.21		26.5	0.5
PI/2 BPSK	135	69		25.50		27.0	0.0
PI/2 BPSK	135	138		25.24		26.5	0.5
PI/2 BPSK	270	0		25.26			
QPSK	1	1		25.77		27.0	0.0
QPSK	1	137		25.59			
QPSK	1	271		25.72			
QPSK	135	0		24.72		26.0	1.0
QPSK	135	69		25.68		27.0	0.0
QPSK	135	138		24.65		26.0	1.0
QPSK	270	0		24.70			
16QAM	1	1		24.56		26.0	1.0
64QAM	1	1		23.18		24.5	2.5
256QAM	1	1		21.24		22.5	4.5
Channel			649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3745.02	3750	3755.01		
QPSK	1	1	25.50	25.67	25.60	27.0	0.0
Channel			649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3740.01	3750	3760.02		
QPSK	1	1	25.52	25.65	25.50	27.0	0.0
Channel			649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3735	3750	3765		
QPSK	1	1	25.56	25.64	25.57	27.0	0.0
Channel			648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3730.02	3750	3770.01		
QPSK	1	1	25.50	25.68	25.61	27.0	0.0
Channel			648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3725.01	3750	3775.02		
QPSK	1	1	25.54	25.56	25.59	27.0	0.0
Channel			648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3720	3750	3780		
QPSK	1	1	25.60	25.61	25.54	27.0	0.0
Channel			647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3715.02	3750	3785.01		
QPSK	1	1	25.57	25.60	25.58	27.0	0.0
Channel			647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3710.01	3750	3790.02		
QPSK	1	1	25.56	25.61	25.53	27.0	0.0
Channel			647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3707.52	3750	3792.51		
QPSK	1	1	25.60	25.64	25.55	27.0	0.0
Channel			647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3705	3750	3795		
QPSK	1	1	25.55	25.67	25.56	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.49	22.54	22.48	24.0	0.0
100	PI/2 BPSK	1	137	22.51	22.61	22.48		
100	PI/2 BPSK	1	271	22.49	22.59	22.53		
100	PI/2 BPSK	135	0	22.10	22.10	22.17	23.5	0.5
100	PI/2 BPSK	135	69	22.56	22.52	22.52	24.0	0.0
100	PI/2 BPSK	135	138	22.05	22.16	22.09	23.5	0.5
100	PI/2 BPSK	270	0	22.08	22.17	22.12		
100	QPSK	1	1	22.59	22.65	22.62	24.0	0.0
100	QPSK	1	137	22.51	22.54	22.57		
100	QPSK	1	271	22.46	22.61	22.54		
100	QPSK	135	0	21.63	21.61	21.59	23.0	1.0
100	QPSK	135	69	22.53	22.62	22.50	24.0	0.0
100	QPSK	135	138	21.57	21.63	21.58	23.0	1.0
100	QPSK	270	0	21.58	21.69	21.67		
100	16QAM	1	1	21.55	21.63	21.59	23.0	1.0
100	64QAM	1	1	20.05	20.14	20.17	21.5	2.5
100	256QAM	1	1	18.04	18.13	18.17	19.5	4.5
Channel				649668	656000	662334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	22.42	22.54	22.51	24.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	22.51	22.51	22.54	24.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	22.45	22.50	22.53	24.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	22.45	22.53	22.50	24.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	22.41	22.52	22.52	24.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	22.52	22.48	22.46	24.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	22.51	22.57	22.56	24.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	22.46	22.50	22.49	24.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	22.50	22.56	22.47	24.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	22.43	22.58	22.46	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	25.49	25.53	25.50	27.0	0.0
100	PI/2 BPSK	1	137	25.54	25.61	25.44		
100	PI/2 BPSK	1	271	25.53	25.61	25.52		
100	PI/2 BPSK	135	0	25.12	25.11	25.17	26.5	0.5
100	PI/2 BPSK	135	69	25.60	25.57	25.48	27.0	0.0
100	PI/2 BPSK	135	138	25.01	25.22	25.05	26.5	0.5
100	PI/2 BPSK	270	0	25.05	25.14	25.17		
100	QPSK	1	1	25.60	25.69	25.59	27.0	0.0
100	QPSK	1	137	25.49	25.57	25.54		
100	QPSK	1	271	25.45	25.56	25.53		
100	QPSK	135	0	24.60	24.65	24.55	26.0	1.0
100	QPSK	135	69	25.49	25.58	25.55	27.0	0.0
100	QPSK	135	138	24.52	24.62	24.52	26.0	1.0
100	QPSK	270	0	24.59	24.71	24.65		
100	16QAM	1	1	24.51	24.68	24.55	26.0	1.0
100	64QAM	1	1	23.09	23.14	23.20	24.5	2.5
100	256QAM	1	1	21.01	21.10	21.15	22.5	4.5
Channel				649668	656000	662334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	25.46	25.60	25.54	27.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	25.48	25.60	25.53	27.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	25.51	25.63	25.51	27.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	25.47	25.63	25.54	27.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	25.48	25.65	25.47	27.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	25.55	25.59	25.48	27.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	25.50	25.60	25.55	27.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	25.46	25.57	25.50	27.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	25.56	25.65	25.50	27.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	25.53	25.60	25.49	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		22.45		24.0	0.0
100	PI/2 BPSK	1	137		22.47			
100	PI/2 BPSK	1	271		22.52			
100	PI/2 BPSK	135	0		22.07		23.5	0.5
100	PI/2 BPSK	135	69		22.48		24.0	0.0
100	PI/2 BPSK	135	138		22.04		23.5	0.5
100	PI/2 BPSK	270	0		22.05			
100	QPSK	1	1		22.59		24.0	0.0
100	QPSK	1	137		22.42			
100	QPSK	1	271		22.51			
100	QPSK	135	0		21.51		23.0	1.0
100	QPSK	135	69		22.53		24.0	0.0
100	QPSK	135	138		21.58		23.0	1.0
100	QPSK	270	0		21.60			
100	16QAM	1	1		21.54		23.0	1.0
100	64QAM	1	1		20.00		21.5	2.5
100	256QAM	1	1		18.01		19.5	4.5
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	22.33	22.46	22.36	24.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	22.31	22.44	22.42	24.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.33	22.44	22.43	24.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	22.28	22.39	22.48	24.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	22.33	22.42	22.36	24.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.34	22.42	22.47	24.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	22.35	22.51	22.36	24.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	22.28	22.49	22.43	24.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	22.28	22.50	22.38	24.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.38	22.50	22.43	24.0	0.0

BW [MHz]
100
100
100
100
100
100
100
100
100
100
100
100
100
90
80
70
60
50
40
30
20
15
10

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Modulation	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		
PI/2 BPSK	1	1		25.40		27.0	0.0
PI/2 BPSK	1	137		25.55			
PI/2 BPSK	1	271		25.51			
PI/2 BPSK	135	0		25.01		26.5	0.5
PI/2 BPSK	135	69		25.47		27.0	0.0
PI/2 BPSK	135	138		25.18		26.5	0.5
PI/2 BPSK	270	0		25.04			
QPSK	1	1		25.62		27.0	0.0
QPSK	1	137		25.44			
QPSK	1	271		25.46			
QPSK	135	0		24.61		26.0	1.0
QPSK	135	69		25.45		27.0	0.0
QPSK	135	138		24.50		26.0	1.0
QPSK	270	0		24.58			
16QAM	1	1		24.57		26.0	1.0
64QAM	1	1		23.06		24.5	2.5
256QAM	1	1		21.05		22.5	4.5
Channel			649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3745.02	3750	3755.01		
QPSK	1	1	25.37	25.55	25.51	27.0	0.0
Channel			649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3740.01	3750	3760.02		
QPSK	1	1	25.38	25.47	25.40	27.0	0.0
Channel			649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3735	3750	3765		
QPSK	1	1	25.42	25.53	25.40	27.0	0.0
Channel			648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3730.02	3750	3770.01		
QPSK	1	1	25.32	25.57	25.44	27.0	0.0
Channel			648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3725.01	3750	3775.02		
QPSK	1	1	25.33	25.54	25.48	27.0	0.0
Channel			648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3720	3750	3780		
QPSK	1	1	25.38	25.54	25.50	27.0	0.0
Channel			647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3715.02	3750	3785.01		
QPSK	1	1	25.32	25.48	25.50	27.0	0.0
Channel			647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3710.01	3750	3790.02		
QPSK	1	1	25.34	25.53	25.50	27.0	0.0
Channel			647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3707.52	3750	3792.51		
QPSK	1	1	25.38	25.55	25.47	27.0	0.0
Channel			647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3705	3750	3795		
QPSK	1	1	25.36	25.55	25.48	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.55	21.58	21.60	23.3	0.0
100	PI/2 BPSK	1	137	21.53	21.63	21.60		
100	PI/2 BPSK	1	271	21.51	21.54	21.58		
100	PI/2 BPSK	135	0	21.59	21.58	21.53	23.3	0.0
100	PI/2 BPSK	135	69	21.56	21.63	21.55	23.3	0.0
100	PI/2 BPSK	135	138	21.59	21.55	21.59	23.3	0.0
100	PI/2 BPSK	270	0	21.50	21.54	21.52		
100	QPSK	1	1	21.70	21.75	21.72	23.3	0.0
100	QPSK	1	137	21.58	21.64	21.62		
100	QPSK	1	271	21.50	21.62	21.62		
100	QPSK	135	0	21.39	21.42	21.43	23.0	0.3
100	QPSK	135	69	21.63	21.72	21.67	23.3	0.0
100	QPSK	135	138	21.43	21.46	21.45	23.0	0.3
100	QPSK	270	0	21.36	21.48	21.39		
100	16QAM	1	1	21.40	21.43	21.41	23.0	0.3
100	64QAM	1	1	19.95	20.00	19.89	21.5	1.8
100	256QAM	1	1	17.92	18.00	17.94	19.5	3.8
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.56	21.65	21.57	23.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.49	21.62	21.51	23.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.53	21.55	21.63	23.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.57	21.61	21.63	23.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.52	21.59	21.53	23.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.52	21.54	21.58	23.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.59	21.63	21.62	23.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.59	21.62	21.53	23.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.50	21.56	21.61	23.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.57	21.63	21.53	23.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.64	24.70	24.59	26.3	0.0
100	PI/2 BPSK	1	137	24.65	24.69	24.60		
100	PI/2 BPSK	1	271	24.58	24.62	24.63		
100	PI/2 BPSK	135	0	24.59	24.64	24.66	26.3	0.0
100	PI/2 BPSK	135	69	24.61	24.63	24.60	26.3	0.0
100	PI/2 BPSK	135	138	24.66	24.64	24.59	26.3	0.0
100	PI/2 BPSK	270	0	24.63	24.60	24.65		
100	QPSK	1	1	24.76	24.81	24.78	26.3	0.0
100	QPSK	1	137	24.66	24.69	24.66		
100	QPSK	1	271	24.66	24.67	24.60		
100	QPSK	135	0	24.38	24.43	24.43	26.0	0.3
100	QPSK	135	69	24.69	24.72	24.69	26.3	0.0
100	QPSK	135	138	24.40	24.42	24.34	26.0	0.3
100	QPSK	270	0	24.39	24.47	24.37		
100	16QAM	1	1	24.36	24.36	24.32	26.0	0.3
100	64QAM	1	1	22.91	22.91	22.87	24.5	1.8
100	256QAM	1	1	20.88	20.95	20.90	22.5	3.8
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.58	24.71	24.60	26.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.66	24.70	24.64	26.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.56	24.61	24.65	26.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.59	24.69	24.62	26.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.57	24.71	24.69	26.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.58	24.65	24.69	26.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.58	24.68	24.62	26.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.64	24.70	24.60	26.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.60	24.64	24.67	26.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.57	24.65	24.67	26.3	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		21.54		23.3	0.0
100	PI/2 BPSK	1	137		21.55			
100	PI/2 BPSK	1	271		21.42			
100	PI/2 BPSK	135	0		21.48		23.3	0.0
100	PI/2 BPSK	135	69		21.55		23.3	0.0
100	PI/2 BPSK	135	138		21.45		23.3	0.0
100	PI/2 BPSK	270	0		21.40			
100	QPSK	1	1		21.66		23.3	0.0
100	QPSK	1	137		21.57			
100	QPSK	1	271		21.53			
100	QPSK	135	0		21.28		23.0	0.3
100	QPSK	135	69		21.63		23.3	0.0
100	QPSK	135	138		21.41		23.0	0.3
100	QPSK	270	0		21.43			
100	16QAM	1	1		21.38		23.0	0.3
100	64QAM	1	1		19.86		21.5	1.8
100	256QAM	1	1		17.87		19.5	3.8
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.47	21.58	21.46	23.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.44	21.56	21.47	23.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.46	21.54	21.51	23.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.47	21.54	21.49	23.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.51	21.53	21.43	23.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.45	21.53	21.53	23.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.49	21.52	21.46	23.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.42	21.62	21.51	23.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.43	21.60	21.45	23.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.45	21.61	21.42	23.3	0.0

BW [MHz]
100
100
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10

Part27O n78 HPUE Ant 8 DSI4

Modulation	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		
PI/2 BPSK	1	1		24.65		26.3	0.0
PI/2 BPSK	1	137		24.59			
PI/2 BPSK	1	271		24.50			
PI/2 BPSK	135	0		24.57		26.3	0.0
PI/2 BPSK	135	69		24.56		26.3	0.0
PI/2 BPSK	135	138		24.59		26.3	0.0
PI/2 BPSK	270	0		24.48			
QPSK	1	1		24.77		26.3	0.0
QPSK	1	137		24.55			
QPSK	1	271		24.53			
QPSK	135	0		24.39		26.0	0.3
QPSK	135	69		24.68		26.3	0.0
QPSK	135	138		24.32		26.0	0.3
QPSK	270	0		24.34			
16QAM	1	1		24.22		26.0	0.3
64QAM	1	1		22.86		24.5	1.8
256QAM	1	1		20.84		22.5	3.8
Channel			649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3745.02	3750	3755.01		
QPSK	1	1	24.52	24.61	24.57	26.3	0.0
Channel			649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3740.01	3750	3760.02		
QPSK	1	1	24.51	24.62	24.51	26.3	0.0
Channel			649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3735	3750	3765		
QPSK	1	1	24.51	24.63	24.53	26.3	0.0
Channel			648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3730.02	3750	3770.01		
QPSK	1	1	24.48	24.62	24.48	26.3	0.0
Channel			648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3725.01	3750	3775.02		
QPSK	1	1	24.50	24.57	24.48	26.3	0.0
Channel			648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3720	3750	3780		
QPSK	1	1	24.48	24.56	24.56	26.3	0.0
Channel			647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3715.02	3750	3785.01		
QPSK	1	1	24.50	24.61	24.49	26.3	0.0
Channel			647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3710.01	3750	3790.02		
QPSK	1	1	24.46	24.62	24.48	26.3	0.0
Channel			647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3707.52	3750	3792.51		
QPSK	1	1	24.55	24.67	24.45	26.3	0.0
Channel			647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)			3705	3750	3795		
QPSK	1	1	24.46	24.57	24.52	26.3	0.0

n38 Ant 10 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.67	22.82	22.76	24.0	0.0
40	PI/2 BPSK	1	53	22.68	22.77	22.70		
40	PI/2 BPSK	1	104	22.62	22.68	22.61		
40	PI/2 BPSK	50	0	22.15	22.24	22.15	23.5	0.5
40	PI/2 BPSK	50	28	22.58	22.66	22.58	24.0	0.0
40	PI/2 BPSK	50	56	22.40	22.46	22.33	23.5	0.5
40	PI/2 BPSK	100	0	22.30	22.41	22.31		
40	QPSK	1	1	22.81	22.91	22.90	24.0	0.0
40	QPSK	1	53	22.63	22.78	22.69		
40	QPSK	1	104	22.70	22.84	22.70		
40	QPSK	50	0	21.81	21.89	21.82	23.0	1.0
40	QPSK	50	28	22.73	22.78	22.69	24.0	0.0
40	QPSK	50	56	21.79	21.86	21.74	23.0	1.0
40	QPSK	100	0	21.69	21.81	21.69		
40	16QAM	1	1	21.80	21.88	21.77	23.0	1.0
40	64QAM	1	1	20.32	20.45	20.29	21.5	2.5
40	256QAM	1	1	18.46	18.52	18.38	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.54	22.69	22.60	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.51	22.74	22.62	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.51	22.72	22.60	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.48	22.73	22.59	24.0	0.0

n41 Ant 10 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.87	22.92	22.87	24.0	0.0
100	PI/2 BPSK	1	137	22.74	22.79	22.72		
100	PI/2 BPSK	1	271	22.72	22.79	22.72		
100	PI/2 BPSK	135	0	22.42	22.46	22.37	23.5	0.5
100	PI/2 BPSK	135	69	22.74	22.81	22.75	24.0	0.0
100	PI/2 BPSK	135	138	22.46	22.54	22.48	23.5	0.5
100	PI/2 BPSK	270	0	22.35	22.41	22.34		
100	QPSK	1	1	22.81	22.96	22.88	24.0	0.0
100	QPSK	1	137	22.69	22.81	22.75		
100	QPSK	1	271	22.68	22.83	22.79		
100	QPSK	135	0	21.81	21.95	21.81	23.0	1.0
100	QPSK	135	69	22.75	22.85	22.72	24.0	0.0
100	QPSK	135	138	21.83	21.90	21.79	23.0	1.0
100	QPSK	270	0	21.77	21.84	21.69		
100	16QAM	1	1	21.84	21.90	21.78	23.0	1.0
100	64QAM	1	1	20.40	20.53	20.39	21.5	2.5
100	256QAM	1	1	18.25	18.38	18.33	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	22.60	22.72	22.64	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.65	22.75	22.60	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	22.75	22.83	22.75	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	22.62	22.76	22.65	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	22.59	22.77	22.67	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	22.62	22.65	22.61	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	22.60	22.71	22.61	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	22.63	22.68	22.69	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	22.64	22.69	22.70	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	22.63	22.73	22.69	24.0	0.0

Reduced Power Mode for Other PA DSI4

n2 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.37	21.48	21.41	23.0	0.0
20	PI/2 BPSK	1	53	21.34	21.37	21.35		
20	PI/2 BPSK	1	104	21.22	21.44	21.28		
20	PI/2 BPSK	50	0	20.90	20.99	21.01	22.5	0.5
20	PI/2 BPSK	50	28	21.27	21.35	21.36	23.0	0.0
20	PI/2 BPSK	50	56	20.79	20.99	20.87	22.5	0.5
20	PI/2 BPSK	100	0	20.89	21.04	20.88		
20	QPSK	1	1	21.44	21.49	21.39	23.0	0.0
20	QPSK	1	53	21.34	21.35	21.31		
20	QPSK	1	104	21.27	21.32	21.19		
20	QPSK	50	0	20.38	20.51	20.46	22.0	1.0
20	QPSK	50	28	21.31	21.42	21.26	23.0	0.0
20	QPSK	50	56	20.45	20.45	20.37	22.0	1.0
20	QPSK	100	0	20.43	20.51	20.36		
20	16QAM	1	1	20.42	20.53	20.46	22.0	1.0
20	64QAM	1	1	19.09	19.17	19.04	20.5	2.5
20	256QAM	1	1	17.36	17.46	17.35	18.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.33	21.37	21.25	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.38	21.41	21.25	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.30	21.35	21.36	23.0	0.0

n7 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.02	21.04	20.92	22.5	0.0
40	PI/2 BPSK	1	108	20.90	21.01	20.92		
40	PI/2 BPSK	1	214	20.92	20.93	20.91		
40	PI/2 BPSK	108	0	20.39	20.55	20.41	22.0	0.5
40	PI/2 BPSK	108	54	20.84	20.93	20.89	22.5	0.0
40	PI/2 BPSK	108	108	20.24	20.46	20.32	22.0	0.5
40	PI/2 BPSK	216	0	20.36	20.42	20.38		
40	QPSK	1	1	21.02	21.14	21.08	22.5	0.0
40	QPSK	1	108	20.89	20.92	20.88		
40	QPSK	1	214	20.97	21.03	21.00		
40	QPSK	108	0	20.01	20.02	19.93	21.5	1.0
40	QPSK	108	54	21.01	21.07	20.93	22.5	0.0
40	QPSK	108	108	19.83	19.88	19.73	21.5	1.0
40	QPSK	216	0	19.85	19.91	19.86		
40	16QAM	1	1	19.66	19.78	19.72	21.5	1.0
40	64QAM	1	1	18.57	18.54	18.48	20.0	2.5
40	256QAM	1	1	16.46	16.52	16.52	18.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.89	21.02	21.04	22.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.95	21.01	21.05	22.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.99	21.11	21.01	22.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.90	21.02	20.96	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.98	21.04	20.99	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.91	21.00	20.94	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.44	22.46	22.42	24.0	0.0
40	PI/2 BPSK	1	108	22.24	22.49	22.33		
40	PI/2 BPSK	1	214	22.35	22.41	22.37		
40	PI/2 BPSK	108	0	22.14	22.16	22.15	23.5	0.5
40	PI/2 BPSK	108	54	22.22	22.41	22.34	24.0	0.0
40	PI/2 BPSK	108	108	21.99	22.01	21.96	23.5	0.5
40	PI/2 BPSK	216	0	21.89	22.03	21.78		
40	QPSK	1	1	22.44	22.58	22.38	24.0	0.0
40	QPSK	1	108	22.27	22.40	22.31		
40	QPSK	1	214	22.38	22.43	22.26		
40	QPSK	108	0	21.39	21.53	21.48	23.0	1.0
40	QPSK	108	54	22.24	22.36	22.29	24.0	0.0
40	QPSK	108	108	21.49	21.55	21.55	23.0	1.0
40	QPSK	216	0	21.29	21.38	21.30		
40	16QAM	1	1	21.27	21.44	21.26	23.0	1.0
40	64QAM	1	1	19.82	19.90	19.74	21.5	2.5
40	256QAM	1	1	18.40	18.49	18.32	19.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.40	22.50	22.27	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.31	22.47	22.26	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.41	22.51	22.31	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.29	22.48	22.24	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.34	22.54	22.32	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.35	22.45	22.30	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.31	22.50	22.34	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.54	21.61	21.45	23.0	0.0
20	PI/2 BPSK	1	53	21.36	21.46	21.35		
20	PI/2 BPSK	1	104	21.39	21.48	21.39		
20	PI/2 BPSK	50	0	20.97	21.13	21.01	22.5	0.5
20	PI/2 BPSK	50	28	21.30	21.51	21.48	23.0	0.0
20	PI/2 BPSK	50	56	20.88	21.00	21.01	22.5	0.5
20	PI/2 BPSK	100	0	20.92	20.94	20.83		
20	QPSK	1	1	21.60	21.67	21.57	23.0	0.0
20	QPSK	1	53	21.42	21.44	21.48		
20	QPSK	1	104	21.51	21.54	21.48		
20	QPSK	50	0	20.50	20.57	20.51	22.0	1.0
20	QPSK	50	28	21.49	21.50	21.49	23.0	0.0
20	QPSK	50	56	20.31	20.55	20.38	22.0	1.0
20	QPSK	100	0	20.35	20.57	20.42		
20	16QAM	1	1	20.17	20.20	20.08	22.0	1.0
20	64QAM	1	1	18.89	18.94	18.92	20.5	2.5
20	256QAM	1	1	17.19	17.27	17.24	18.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.53	21.59	21.51	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.47	21.55	21.48	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.51	21.58	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.28	21.42	21.33	23.0	0.0
40	PI/2 BPSK	1	108	21.30	21.35	21.27		
40	PI/2 BPSK	1	214	21.34	21.36	21.29		
40	PI/2 BPSK	108	0	20.96	20.95	21.00	22.5	0.5
40	PI/2 BPSK	108	54	21.27	21.40	21.27	23.0	0.0
40	PI/2 BPSK	108	108	20.86	20.91	20.80	22.5	0.5
40	PI/2 BPSK	216	0	20.92	20.97	20.85		
40	QPSK	1	1	21.40	21.49	21.39	23.0	0.0
40	QPSK	1	108	21.25	21.44	21.39		
40	QPSK	1	214	21.33	21.45	21.42		
40	QPSK	108	0	20.33	20.52	20.31	22.0	1.0
40	QPSK	108	54	21.33	21.42	21.28	23.0	0.0
40	QPSK	108	108	20.33	20.37	20.34	22.0	1.0
40	QPSK	216	0	20.23	20.39	20.29		
40	16QAM	1	1	20.22	20.19	20.11	22.0	1.0
40	64QAM	1	1	18.65	18.73	18.64	20.5	2.5
40	256QAM	1	1	17.13	17.25	17.16	18.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.31	21.36	21.32	23.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.36	21.42	21.34	23.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.31	21.42	21.31	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.27	21.42	21.34	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.35	21.40	21.31	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.35	21.40	21.30	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.32	21.43	21.24	23.0	0.0

Reduced Power Mode for DSI6

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.60	22.70	22.62	24.0	0.0
20	PI/2 BPSK	1	53	22.54	22.71	22.71		
20	PI/2 BPSK	1	104	22.53	22.76	22.72		
20	PI/2 BPSK	50	0	22.15	22.32	22.24	23.5	0.5
20	PI/2 BPSK	50	28	22.52	22.71	22.66	24.0	0.0
20	PI/2 BPSK	50	56	22.11	22.31	22.28	23.5	0.5
20	PI/2 BPSK	100	0	22.18	22.33	22.29		
20	QPSK	1	1	22.66	22.80	22.77	24.0	0.0
20	QPSK	1	53	22.50	22.64	22.64		
20	QPSK	1	104	22.53	22.70	22.61		
20	QPSK	50	0	21.63	21.74	21.71	23.0	1.0
20	QPSK	50	28	22.56	22.73	22.63	24.0	0.0
20	QPSK	50	56	21.65	21.81	21.76	23.0	1.0
20	QPSK	100	0	21.70	21.79	21.75		
20	16QAM	1	1	21.71	21.78	21.76	23.0	1.0
20	64QAM	1	1	20.15	20.27	20.28	21.5	2.5
20	256QAM	1	1	18.14	18.34	18.22	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.37	22.53	22.44	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.32	22.53	22.53	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.32	22.52	22.49	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.73	22.78	22.69	24.0	0.0
20	PI/2 BPSK	1	53	22.69	22.73	22.67		
20	PI/2 BPSK	1	104	22.73	22.82	22.68		
20	PI/2 BPSK	50	0	22.25	22.37	22.27	23.5	0.5
20	PI/2 BPSK	50	28	22.67	22.76	22.63	24.0	0.0
20	PI/2 BPSK	50	56	22.36	22.32	22.24	23.5	0.5
20	PI/2 BPSK	100	0	22.30	22.39	22.27		
20	QPSK	1	1	22.80	22.86	22.76	24.0	0.0
20	QPSK	1	53	22.72	22.80	22.66		
20	QPSK	1	104	22.74	22.81	22.70		
20	QPSK	50	0	21.78	21.92	21.79	23.0	1.0
20	QPSK	50	28	22.67	22.71	22.68	24.0	0.0
20	QPSK	50	56	21.79	21.81	21.79	23.0	1.0
20	QPSK	100	0	21.74	21.86	21.75		
20	16QAM	1	1	21.74	21.84	21.76	23.0	1.0
20	64QAM	1	1	20.34	20.39	20.24	21.5	2.5
20	256QAM	1	1	18.30	18.38	18.32	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.53	22.54	22.50	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.51	22.58	22.46	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.46	22.55	22.41	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.13	20.03	20.04	21.3	0.0
40	PI/2 BPSK	1	53	20.03	20.07	20.00		
40	PI/2 BPSK	1	104	20.03	20.08	20.10		
40	PI/2 BPSK	50	0	20.08	20.11	19.96	21.3	0.0
40	PI/2 BPSK	50	28	20.12	20.00	20.01	21.3	0.0
40	PI/2 BPSK	50	56	20.03	20.05	19.99	21.3	0.0
40	PI/2 BPSK	100	0	19.97	20.05	19.98		
40	QPSK	1	1	20.17	20.26	20.18	21.3	0.0
40	QPSK	1	53	19.96	20.09	20.08		
40	QPSK	1	104	20.07	20.02	20.06		
40	QPSK	50	0	19.67	19.90	19.87	21.0	0.3
40	QPSK	50	28	20.17	20.23	20.18	21.3	0.0
40	QPSK	50	56	19.84	19.79	19.80	21.0	0.3
40	QPSK	100	0	19.86	19.99	19.94		
40	16QAM	1	1	19.75	19.81	19.83	21.0	0.3
40	64QAM	1	1	18.31	18.41	18.43	19.5	1.8
40	256QAM	1	1	16.37	16.41	16.44	17.5	3.8
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.02	19.97	20.02	21.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.02	20.01	20.01	21.3	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.95	20.05	20.06	21.3	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.95	19.99	20.09	21.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.18	20.17	20.16	21.3	0.0
100	PI/2 BPSK	1	137	20.15	20.21	20.09		
100	PI/2 BPSK	1	271	20.08	20.17	20.15		
100	PI/2 BPSK	135	0	20.12	20.14	20.06	21.3	0.0
100	PI/2 BPSK	135	69	20.18	20.13	20.07	21.3	0.0
100	PI/2 BPSK	135	138	20.15	20.12	20.07	21.3	0.0
100	PI/2 BPSK	270	0	20.07	20.12	20.05		
100	QPSK	1	1	20.30	20.35	20.32	21.3	0.0
100	QPSK	1	137	20.10	20.18	20.14		
100	QPSK	1	271	20.16	20.11	20.16		
100	QPSK	135	0	19.81	20.00	19.91	21.0	0.3
100	QPSK	135	69	20.28	20.31	20.26	21.3	0.0
100	QPSK	135	138	19.88	19.92	19.94	21.0	0.3
100	QPSK	270	0	19.93	20.02	19.97		
100	16QAM	1	1	19.81	19.93	19.90	21.0	0.3
100	64QAM	1	1	18.39	18.50	18.52	19.5	1.8
100	256QAM	1	1	16.46	16.55	16.50	17.5	3.8
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.07	20.11	20.16	21.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.19	20.18	20.12	21.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.13	20.20	20.21	21.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.07	20.22	20.15	21.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.15	20.20	20.10	21.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.08	20.17	20.14	21.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.17	20.17	20.11	21.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.14	20.19	20.11	21.3	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.09	20.13	20.14	21.3	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.14	20.16	20.11	21.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.25	19.29	19.31	20.6	0.0
20	PI/2 BPSK	1	53	19.29	19.31	19.24		
20	PI/2 BPSK	1	104	19.22	19.37	19.27		
20	PI/2 BPSK	50	0	19.24	19.35	19.33	20.6	0.0
20	PI/2 BPSK	50	28	19.21	19.30	19.29	20.6	0.0
20	PI/2 BPSK	50	56	19.22	19.33	19.27	20.6	0.0
20	PI/2 BPSK	100	0	19.28	19.29	19.29		
20	QPSK	1	1	19.42	19.46	19.43	20.6	0.0
20	QPSK	1	53	19.31	19.27	19.26		
20	QPSK	1	104	19.24	19.25	19.32		
20	QPSK	50	0	19.28	19.32	19.29	20.6	0.0
20	QPSK	50	28	19.36	19.44	19.40	20.6	0.0
20	QPSK	50	56	19.28	19.32	19.26	20.6	0.0
20	QPSK	100	0	19.29	19.42	19.36		
20	16QAM	1	1	19.25	19.33	19.25	20.6	0.0
20	64QAM	1	1	19.32	19.34	19.34	20.6	0.0
20	256QAM	1	1	18.27	18.40	18.32	19.5	1.1
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.33	19.31	19.25	20.6	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.22	19.34	19.30	20.6	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.31	19.25	19.32	20.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.41	22.55	22.51	24.0	0.0
20	PI/2 BPSK	1	53	22.35	22.48	22.32		
20	PI/2 BPSK	1	104	22.39	22.51	22.44		
20	PI/2 BPSK	50	0	22.08	22.13	21.99	23.5	0.5
20	PI/2 BPSK	50	28	22.47	22.51	22.44	24.0	0.0
20	PI/2 BPSK	50	56	21.97	22.03	21.90	23.5	0.5
20	PI/2 BPSK	100	0	21.96	22.06	21.94		
20	QPSK	1	1	22.49	22.56	22.53	24.0	0.0
20	QPSK	1	53	22.35	22.45	22.34		
20	QPSK	1	104	22.39	22.48	22.37		
20	QPSK	50	0	21.52	21.62	21.49	23.0	1.0
20	QPSK	50	28	22.30	22.41	22.31	24.0	0.0
20	QPSK	50	56	21.40	21.51	21.36	23.0	1.0
20	QPSK	100	0	21.42	21.55	21.48		
20	16QAM	1	1	21.37	21.49	21.34	23.0	1.0
20	64QAM	1	1	19.89	20.05	19.90	21.5	2.5
20	256QAM	1	1	18.25	18.39	18.25	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.26	22.31	22.19	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.24	22.39	22.21	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.19	22.32	22.29	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.97	18.99	18.94	20.3	0.0
40	PI/2 BPSK	1	108	18.94	19.01	18.96		
40	PI/2 BPSK	1	214	18.96	18.95	18.96		
40	PI/2 BPSK	108	0	18.98	19.04	19.00	20.3	0.0
40	PI/2 BPSK	108	54	18.97	19.03	18.96	20.3	0.0
40	PI/2 BPSK	108	108	18.91	18.94	18.96	20.3	0.0
40	PI/2 BPSK	216	0	18.97	19.04	19.02		
40	QPSK	1	1	19.10	19.15	19.11	20.3	0.0
40	QPSK	1	108	19.00	19.03	18.95		
40	QPSK	1	214	18.93	19.03	18.91		
40	QPSK	108	0	18.91	18.95	18.95	20.3	0.0
40	QPSK	108	54	19.05	19.09	19.05	20.3	0.0
40	QPSK	108	108	19.01	18.96	19.02	20.3	0.0
40	QPSK	216	0	19.04	19.06	18.99		
40	16QAM	1	1	18.94	18.97	18.97	20.3	0.0
40	64QAM	1	1	18.94	18.99	18.96	20.3	0.0
40	256QAM	1	1	18.28	18.36	18.36	19.5	0.8
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.92	18.99	18.91	20.3	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.95	19.06	18.92	20.3	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.92	19.06	18.90	20.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.95	19.05	18.91	20.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.92	19.05	18.92	20.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.98	18.96	18.92	20.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.38	22.51	22.45	24.0	0.0
20	PI/2 BPSK	1	53	22.30	22.39	22.26		
20	PI/2 BPSK	1	104	22.31	22.46	22.37		
20	PI/2 BPSK	50	0	22.04	22.16	22.11	23.5	0.5
20	PI/2 BPSK	50	28	22.29	22.38	22.32	24.0	0.0
20	PI/2 BPSK	50	56	21.89	22.00	21.88	23.5	0.5
20	PI/2 BPSK	100	0	22.02	22.07	22.00		
20	QPSK	1	1	22.47	22.56	22.49	24.0	0.0
20	QPSK	1	53	22.40	22.46	22.38		
20	QPSK	1	104	22.41	22.52	22.40		
20	QPSK	50	0	21.58	21.66	21.51	23.0	1.0
20	QPSK	50	28	22.39	22.46	22.42	24.0	0.0
20	QPSK	50	56	21.37	21.52	21.36	23.0	1.0
20	QPSK	100	0	21.49	21.55	21.46		
20	16QAM	1	1	21.40	21.49	21.34	23.0	1.0
20	64QAM	1	1	19.98	20.02	19.97	21.5	2.5
20	256QAM	1	1	18.25	18.30	18.17	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.36	22.47	22.39	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.32	22.50	22.37	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.34	22.46	22.39	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.38	18.35	18.36	19.9	0.0
40	PI/2 BPSK	1	108	18.32	18.37	18.38		
40	PI/2 BPSK	1	214	18.41	18.43	18.32		
40	PI/2 BPSK	108	0	18.36	18.38	18.40	19.9	0.0
40	PI/2 BPSK	108	54	18.34	18.44	18.33	19.9	0.0
40	PI/2 BPSK	108	108	18.42	18.45	18.39	19.9	0.0
40	PI/2 BPSK	216	0	18.32	18.39	18.36		
40	QPSK	1	1	18.55	18.60	18.57	19.9	0.0
40	QPSK	1	108	18.33	18.41	18.39		
40	QPSK	1	214	18.33	18.36	18.38		
40	QPSK	108	0	18.32	18.46	18.32	19.9	0.0
40	QPSK	108	54	18.52	18.56	18.50	19.9	0.0
40	QPSK	108	108	18.36	18.38	18.40	19.9	0.0
40	QPSK	216	0	18.44	18.53	18.36		
40	16QAM	1	1	18.35	18.39	18.35	19.9	0.0
40	64QAM	1	1	18.39	18.39	18.34	19.9	0.0
40	256QAM	1	1	18.07	18.14	18.04	19.5	0.4
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.43	18.47	18.38	19.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.38	18.46	18.29	19.9	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.32	18.43	18.36	19.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.37	18.39	18.37	19.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.34	18.38	18.40	19.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.42	18.45	18.38	19.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.31	18.46	18.31	19.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.78	18.76	18.79	20.6	0.0
40	PI/2 BPSK	1	53	18.73	18.83	18.86		
40	PI/2 BPSK	1	104	18.81	18.84	18.77		
40	PI/2 BPSK	50	0	18.70	18.83	18.76	20.6	0.0
40	PI/2 BPSK	50	28	18.76	18.80	18.74	20.6	0.0
40	PI/2 BPSK	50	56	18.70	18.77	18.87	20.6	0.0
40	PI/2 BPSK	100	0	18.80	18.80	18.85		
40	QPSK	1	1	18.86	18.99	18.94	20.6	0.0
40	QPSK	1	53	18.74	18.73	18.69		
40	QPSK	1	104	18.71	18.70	18.83		
40	QPSK	50	0	18.67	18.85	18.74	20.6	0.0
40	QPSK	50	28	18.77	18.92	18.86	20.6	0.0
40	QPSK	50	56	18.81	18.80	18.83	20.6	0.0
40	QPSK	100	0	18.80	18.83	18.73		
40	16QAM	1	1	18.74	18.75	18.89	20.6	0.0
40	64QAM	1	1	18.35	18.37	18.30	20.0	0.6
40	256QAM	1	1	16.24	16.30	16.34	18.0	2.6
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.73	18.81	18.73	20.6	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.72	18.89	18.76	20.6	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.75	18.87	18.79	20.6	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.69	18.81	18.70	20.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.89	18.85	18.86	20.6	0.0
100	PI/2 BPSK	1	137	18.80	18.87	18.89		
100	PI/2 BPSK	1	271	18.84	18.95	18.90		
100	PI/2 BPSK	135	0	18.78	18.90	18.87	20.6	0.0
100	PI/2 BPSK	135	69	18.88	18.89	18.83	20.6	0.0
100	PI/2 BPSK	135	138	18.78	18.86	18.92	20.6	0.0
100	PI/2 BPSK	270	0	18.89	18.95	18.89		
100	QPSK	1	1	18.98	19.05	19.01	20.6	0.0
100	QPSK	1	137	18.81	18.85	18.82		
100	QPSK	1	271	18.86	18.84	18.88		
100	QPSK	135	0	18.78	18.93	18.85	20.6	0.0
100	QPSK	135	69	18.87	18.96	18.90	20.6	0.0
100	QPSK	135	138	18.88	18.85	18.92	20.6	0.0
100	QPSK	270	0	18.85	18.92	18.87		
100	16QAM	1	1	18.78	18.90	18.92	20.6	0.0
100	64QAM	1	1	18.38	18.46	18.40	20.0	0.6
100	256QAM	1	1	16.35	16.40	16.40	18.0	2.6
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.83	18.94	18.83	20.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.77	18.86	18.81	20.6	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.87	18.93	18.86	20.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.89	18.96	18.84	20.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.82	18.85	18.82	20.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.78	18.94	18.82	20.6	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.82	18.87	18.80	20.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.80	18.96	18.87	20.6	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.83	18.88	18.91	20.6	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.88	18.93	18.84	20.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.53	21.53	21.52	23.1	0.0
20	PI/2 BPSK	1	53	21.53	21.61	21.46		
20	PI/2 BPSK	1	104	21.58	21.55	21.51		
20	PI/2 BPSK	50	0	21.48	21.55	21.45	23.1	0.0
20	PI/2 BPSK	50	28	21.46	21.58	21.53	23.1	0.0
20	PI/2 BPSK	50	56	21.53	21.53	21.54	23.1	0.0
20	PI/2 BPSK	100	0	21.49	21.52	21.51		
20	QPSK	1	1	21.67	21.70	21.65	23.1	0.0
20	QPSK	1	53	21.52	21.53	21.55		
20	QPSK	1	104	21.47	21.56	21.51		
20	QPSK	50	0	21.47	21.44	21.36	23.0	0.1
20	QPSK	50	28	21.53	21.67	21.63	23.1	0.0
20	QPSK	50	56	21.40	21.37	21.35	23.0	0.1
20	QPSK	100	0	21.47	21.49	21.42		
20	16QAM	1	1	21.37	21.48	21.38	23.0	0.1
20	64QAM	1	1	20.06	20.06	20.05	21.5	1.6
20	256QAM	1	1	18.05	18.12	18.03	19.5	3.6
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.53	21.53	21.55	23.1	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.46	21.58	21.46	23.1	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.53	21.60	21.55	23.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	20.79	20.96	20.93	22.2	0.0
40	PI/2 BPSK	1	108	20.83	20.91	20.88		
40	PI/2 BPSK	1	214	20.84	20.92	20.85		
40	PI/2 BPSK	108	0	20.89	20.95	20.90	22.2	0.0
40	PI/2 BPSK	108	54	20.80	20.87	20.86	22.2	0.0
40	PI/2 BPSK	108	108	20.80	20.94	20.92	22.2	0.0
40	PI/2 BPSK	216	0	20.83	20.96	20.92		
40	QPSK	1	1	21.00	21.06	21.03	22.2	0.0
40	QPSK	1	108	20.82	20.91	20.92		
40	QPSK	1	214	20.87	20.89	20.84		
40	QPSK	108	0	20.84	20.86	20.91	22.2	0.0
40	QPSK	108	54	20.93	21.01	20.93	22.2	0.0
40	QPSK	108	108	20.84	20.90	20.86	22.2	0.0
40	QPSK	216	0	20.92	20.95	20.94		
40	16QAM	1	1	20.83	20.92	20.93	22.2	0.0
40	64QAM	1	1	20.25	20.36	20.39	21.5	0.7
40	256QAM	1	1	18.29	18.40	18.32	19.5	2.7
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.86	20.94	20.83	22.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.91	20.91	20.88	22.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.86	20.88	20.85	22.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.85	20.89	20.86	22.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.83	20.95	20.90	22.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.84	20.90	20.94	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.91	21.88	21.88	23.3	0.0
40	PI/2 BPSK	1	108	21.89	21.88	21.94		
40	PI/2 BPSK	1	214	21.91	21.87	21.88		
40	PI/2 BPSK	108	0	21.88	21.95	21.93	23.3	0.0
40	PI/2 BPSK	108	54	21.89	21.85	21.85	23.3	0.0
40	PI/2 BPSK	108	108	21.86	21.92	21.93	23.3	0.0
40	PI/2 BPSK	216	0	21.91	21.90	21.83		
40	QPSK	1	1	22.05	22.10	22.07	23.3	0.0
40	QPSK	1	108	21.80	21.92	21.85		
40	QPSK	1	214	21.79	21.86	21.86		
40	QPSK	108	0	21.80	21.79	21.81	23.0	0.3
40	QPSK	108	54	22.00	22.06	22.03	23.3	0.0
40	QPSK	108	108	21.70	21.78	21.75	23.0	0.3
40	QPSK	216	0	21.71	21.83	21.76		
40	16QAM	1	1	21.74	21.76	21.80	23.0	0.3
40	64QAM	1	1	20.21	20.36	20.28	21.5	1.8
40	256QAM	1	1	18.27	18.27	18.31	19.5	3.8
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.81	21.91	21.92	23.3	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.82	21.86	21.94	23.3	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.80	21.97	21.83	23.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.81	21.89	21.92	23.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.82	21.96	21.85	23.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.88	21.88	21.94	23.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.86	21.88	21.82	23.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.29	19.26	19.26	20.8	0.0
40	PI/2 BPSK	1	53	19.25	19.33	19.18		
40	PI/2 BPSK	1	104	19.22	19.32	19.19		
40	PI/2 BPSK	50	0	19.30	19.28	19.27	20.8	0.0
40	PI/2 BPSK	50	28	19.27	19.31	19.19	20.8	0.0
40	PI/2 BPSK	50	56	19.25	19.32	19.21	20.8	0.0
40	PI/2 BPSK	100	0	19.22	19.31	19.28		
40	QPSK	1	1	19.40	19.46	19.39	20.8	0.0
40	QPSK	1	53	19.28	19.34	19.31		
40	QPSK	1	104	19.23	19.23	19.14		
40	QPSK	50	0	19.21	19.24	19.19	20.8	0.0
40	QPSK	50	28	19.35	19.37	19.32	20.8	0.0
40	QPSK	50	56	19.24	19.26	19.30	20.8	0.0
40	QPSK	100	0	19.26	19.36	19.22		
40	16QAM	1	1	19.32	19.26	19.23	20.8	0.0
40	64QAM	1	1	19.32	19.27	19.29	20.8	0.0
40	256QAM	1	1	18.11	18.09	18.07	19.5	1.3
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.37	19.29	19.32	20.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.38	19.31	19.25	20.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.30	19.41	19.32	20.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.37	19.38	19.25	20.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.38	19.35	19.30	20.8	0.0
100	PI/2 BPSK	1	137	19.37	19.36	19.29		
100	PI/2 BPSK	1	271	19.33	19.36	19.30		
100	PI/2 BPSK	135	0	19.36	19.35	19.35	20.8	0.0
100	PI/2 BPSK	135	69	19.39	19.39	19.30	20.8	0.0
100	PI/2 BPSK	135	138	19.35	19.40	19.24	20.8	0.0
100	PI/2 BPSK	270	0	19.32	19.40	19.31		
100	QPSK	1	1	19.49	19.54	19.52	20.8	0.0
100	QPSK	1	137	19.36	19.36	19.35		
100	QPSK	1	271	19.36	19.32	19.27		
100	QPSK	135	0	19.28	19.36	19.32	20.8	0.0
100	QPSK	135	69	19.48	19.50	19.45	20.8	0.0
100	QPSK	135	138	19.32	19.33	19.32	20.8	0.0
100	QPSK	270	0	19.39	19.47	19.35		
100	16QAM	1	1	19.35	19.33	19.32	20.8	0.0
100	64QAM	1	1	19.37	19.34	19.35	20.8	0.0
100	256QAM	1	1	18.19	18.20	18.19	19.5	1.3
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.30	19.37	19.32	20.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.32	19.31	19.30	20.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.33	19.40	19.36	20.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.30	19.33	19.35	20.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.34	19.30	19.31	20.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.39	19.30	19.24	20.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.31	19.33	19.34	20.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.30	19.35	19.28	20.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.27	19.30	19.31	20.8	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.32	19.36	19.28	20.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.44	22.55	22.43	24.0	0.0
100	PI/2 BPSK	1	137	22.42	22.48	22.49		
100	PI/2 BPSK	1	271	22.43	22.51	22.49		
100	PI/2 BPSK	135	0	21.97	22.05	21.97	23.5	0.5
100	PI/2 BPSK	135	69	22.36	22.50	22.43	24.0	0.0
100	PI/2 BPSK	135	138	21.98	22.10	22.09	23.5	0.5
100	PI/2 BPSK	270	0	22.06	22.06	22.08		
100	QPSK	1	1	22.50	22.59	22.53	24.0	0.0
100	QPSK	1	137	22.43	22.50	22.46		
100	QPSK	1	271	22.36	22.56	22.42		
100	QPSK	135	0	21.50	21.54	21.57	23.0	1.0
100	QPSK	135	69	22.35	22.46	22.43	24.0	0.0
100	QPSK	135	138	21.54	21.54	21.55	23.0	1.0
100	QPSK	270	0	21.54	21.58	21.53		
100	16QAM	1	1	21.53	21.56	21.51	23.0	1.0
100	64QAM	1	1	20.02	20.04	20.03	21.5	2.5
100	256QAM	1	1	18.03	18.12	18.09	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.37	22.49	22.38	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.33	22.42	22.37	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.38	22.48	22.37	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.43	22.43	22.38	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.42	22.53	22.42	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.38	22.48	22.41	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.38	22.44	22.45	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.38	22.49	22.42	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.35	22.52	22.44	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.35	22.50	22.37	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	25.27	25.34	25.24	27.0	0.0
100	PI/2 BPSK	1	137	25.20	25.27	25.07		
100	PI/2 BPSK	1	271	25.22	25.22	25.18		
100	PI/2 BPSK	135	0	24.91	24.99	24.91	26.5	0.5
100	PI/2 BPSK	135	69	25.28	25.31	25.25	27.0	0.0
100	PI/2 BPSK	135	138	24.86	24.98	24.88	26.5	0.5
100	PI/2 BPSK	270	0	24.89	24.96	24.90		
100	QPSK	1	1	25.40	25.44	25.35	27.0	0.0
100	QPSK	1	137	25.36	25.35	25.21		
100	QPSK	1	271	25.35	25.35	25.32		
100	QPSK	135	0	24.45	24.38	24.36	26.0	1.0
100	QPSK	135	69	25.33	25.36	25.20	27.0	0.0
100	QPSK	135	138	24.43	24.42	24.40	26.0	1.0
100	QPSK	270	0	24.40	24.49	24.29		
100	16QAM	1	1	24.39	24.46	24.30	26.0	1.0
100	64QAM	1	1	22.93	22.94	22.82	24.5	2.5
100	256QAM	1	1	20.92	20.92	20.83	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	25.34	25.40	25.29	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	25.26	25.41	25.22	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.27	25.32	25.31	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	25.26	25.39	25.25	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	25.31	25.32	25.21	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.30	25.30	25.29	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	25.27	25.36	25.25	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	25.31	25.37	25.26	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	25.33	25.33	25.32	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.32	25.38	25.23	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		22.44		24.0	0.0
100	PI/2 BPSK	1	137		22.37			
100	PI/2 BPSK	1	271		22.41			
100	PI/2 BPSK	135	0		22.01		23.5	0.5
100	PI/2 BPSK	135	69		22.42		24.0	0.0
100	PI/2 BPSK	135	138		21.96		23.5	0.5
100	PI/2 BPSK	270	0		21.96			
100	QPSK	1	1		22.47		24.0	0.0
100	QPSK	1	137		22.35			
100	QPSK	1	271		22.44			
100	QPSK	135	0		21.40		23.0	1.0
100	QPSK	135	69		22.32		24.0	0.0
100	QPSK	135	138		21.41		23.0	1.0
100	QPSK	270	0		21.50			
100	16QAM	1	1		21.46		23.0	1.0
100	64QAM	1	1		19.92		21.5	2.5
100	256QAM	1	1		18.05		19.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.29	22.39	22.30	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.30	22.37	22.23	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.26	22.39	22.26	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.29	22.38	22.31	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.34	22.36	22.29	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.32	22.40	22.35	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.32	22.45	22.26	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.29	22.37	22.28	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.26	22.40	22.25	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.28	22.35	22.27	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.28		27.0	0.0
100	PI/2 BPSK	1	137		25.21			
100	PI/2 BPSK	1	271		25.10			
100	PI/2 BPSK	135	0		24.95		26.5	0.5
100	PI/2 BPSK	135	69		25.23		27.0	0.0
100	PI/2 BPSK	135	138		24.85		26.5	0.5
100	PI/2 BPSK	270	0		24.92			
100	QPSK	1	1		25.40		27.0	0.0
100	QPSK	1	137		25.29			
100	QPSK	1	271		25.23			
100	QPSK	135	0		24.23		26.0	1.0
100	QPSK	135	69		25.33		27.0	0.0
100	QPSK	135	138		24.37		26.0	1.0
100	QPSK	270	0		24.46			
100	16QAM	1	1		24.41		26.0	1.0
100	64QAM	1	1		22.80		24.5	2.5
100	256QAM	1	1		20.78		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	25.27	25.29	25.25	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	25.21	25.36	25.16	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.22	25.35	25.25	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	25.22	25.37	25.24	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	25.28	25.30	25.20	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.24	25.31	25.22	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	25.27	25.29	25.22	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	25.24	25.27	25.17	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	25.20	25.31	25.24	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.19	25.32	25.16	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.18	18.24	18.15	19.4	0.0
100	PI/2 BPSK	1	137	18.10	18.15	18.16		
100	PI/2 BPSK	1	271	18.19	18.15	18.17		
100	PI/2 BPSK	135	0	18.19	18.19	18.12	19.4	0.0
100	PI/2 BPSK	135	69	18.16	18.14	18.19	19.4	0.0
100	PI/2 BPSK	135	138	18.21	18.22	18.14	19.4	0.0
100	PI/2 BPSK	270	0	18.13	18.18	18.12		
100	QPSK	1	1	18.30	18.35	18.32	19.4	0.0
100	QPSK	1	137	18.13	18.19	18.15		
100	QPSK	1	271	18.13	18.24	18.16		
100	QPSK	135	0	18.09	18.24	18.19	19.4	0.0
100	QPSK	135	69	18.24	18.31	18.29	19.4	0.0
100	QPSK	135	138	18.16	18.20	18.18	19.4	0.0
100	QPSK	270	0	18.19	18.26	18.25		
100	16QAM	1	1	18.20	18.18	18.16	19.4	0.0
100	64QAM	1	1	18.11	18.25	18.12	19.4	0.0
100	256QAM	1	1	18.13	18.16	18.21	19.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.12	18.24	18.21	19.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.11	18.24	18.19	19.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.16	18.25	18.13	19.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.13	18.18	18.17	19.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.12	18.17	18.16	19.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.20	18.21	18.22	19.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.13	18.23	18.19	19.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.14	18.25	18.22	19.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.18	18.20	18.16	19.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.12	18.23	18.16	19.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.12	21.18	21.19	22.4	0.0
100	PI/2 BPSK	1	137	21.19	21.22	21.12		
100	PI/2 BPSK	1	271	21.09	21.20	21.17		
100	PI/2 BPSK	135	0	21.17	21.12	21.09	22.4	0.0
100	PI/2 BPSK	135	69	21.14	21.15	21.16	22.4	0.0
100	PI/2 BPSK	135	138	21.16	21.12	21.12	22.4	0.0
100	PI/2 BPSK	270	0	21.11	21.13	21.18		
100	QPSK	1	1	21.30	21.32	21.28	22.4	0.0
100	QPSK	1	137	21.16	21.21	21.17		
100	QPSK	1	271	21.17	21.12	21.10		
100	QPSK	135	0	21.14	21.22	21.18	22.4	0.0
100	QPSK	135	69	21.17	21.26	21.15	22.4	0.0
100	QPSK	135	138	21.10	21.21	21.16	22.4	0.0
100	QPSK	270	0	21.17	21.24	21.23		
100	16QAM	1	1	21.20	21.22	21.09	22.4	0.0
100	64QAM	1	1	21.09	21.19	21.13	22.4	0.0
100	256QAM	1	1	21.13	21.21	21.13	22.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.19	21.13	21.15	22.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.09	21.19	21.14	22.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.16	21.13	21.15	22.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.14	21.12	21.17	22.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.17	21.19	21.10	22.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.13	21.17	21.11	22.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.11	21.20	21.11	22.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.14	21.21	21.17	22.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.15	21.22	21.09	22.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.21	21.11	21.14	22.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.18		19.4	0.0
100	PI/2 BPSK	1	137		18.06			
100	PI/2 BPSK	1	271		18.00			
100	PI/2 BPSK	135	0		18.10		19.4	0.0
100	PI/2 BPSK	135	69		18.01		19.4	0.0
100	PI/2 BPSK	135	138		18.17		19.4	0.0
100	PI/2 BPSK	270	0		18.05			
100	QPSK	1	1		18.31		19.4	0.0
100	QPSK	1	137		18.08			
100	QPSK	1	271		18.14			
100	QPSK	135	0		18.12		19.4	0.0
100	QPSK	135	69		18.28		19.4	0.0
100	QPSK	135	138		18.06		19.4	0.0
100	QPSK	270	0		18.17			
100	16QAM	1	1		18.11		19.4	0.0
100	64QAM	1	1		18.17		19.4	0.0
100	256QAM	1	1		18.09		19.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.99	18.15	18.15	19.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.08	18.14	18.13	19.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.06	18.10	18.13	19.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.00	18.13	18.09	19.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.05	18.17	18.14	19.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.09	18.12	18.12	19.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.98	18.11	18.11	19.4	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	18.13	18.15	19.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.04	18.10	18.10	19.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.04	18.11	18.11	19.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.11		22.4	0.0
100	PI/2 BPSK	1	137		21.16			
100	PI/2 BPSK	1	271		21.05			
100	PI/2 BPSK	135	0		21.04		22.4	0.0
100	PI/2 BPSK	135	69		21.01		22.4	0.0
100	PI/2 BPSK	135	138		21.07		22.4	0.0
100	PI/2 BPSK	270	0		21.01			
100	QPSK	1	1		21.28		22.4	0.0
100	QPSK	1	137		21.07			
100	QPSK	1	271		21.06			
100	QPSK	135	0		21.18		22.4	0.0
100	QPSK	135	69		21.22		22.4	0.0
100	QPSK	135	138		21.09		22.4	0.0
100	QPSK	270	0		21.20			
100	16QAM	1	1		21.08		22.4	0.0
100	64QAM	1	1		21.15		22.4	0.0
100	256QAM	1	1		21.13		22.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.14	21.03	21.12	22.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.13	21.09	21.01	22.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.08	21.00	21.10	22.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.14	21.06	21.05	22.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.05	21.08	21.02	22.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.11	21.00	21.12	22.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.14	21.04	21.00	22.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.15	21.04	21.11	22.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.12	21.00	21.04	22.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.04	21.01	21.09	22.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.98	18.01	17.99	19.5	0.0
100	PI/2 BPSK	1	137	18.01	18.11	18.04		
100	PI/2 BPSK	1	271	17.97	18.06	18.08		
100	PI/2 BPSK	135	0	18.03	18.11	18.03	19.5	0.0
100	PI/2 BPSK	135	69	18.05	18.09	18.03	19.5	0.0
100	PI/2 BPSK	135	138	18.00	18.04	17.99	19.5	0.0
100	PI/2 BPSK	270	0	18.03	18.03	17.99		
100	QPSK	1	1	18.15	18.20	18.18	19.5	0.0
100	QPSK	1	137	18.02	18.04	18.01		
100	QPSK	1	271	18.04	18.09	18.08		
100	QPSK	135	0	17.95	18.00	18.01	19.5	0.0
100	QPSK	135	69	18.05	18.17	18.08	19.5	0.0
100	QPSK	135	138	18.05	18.04	17.99	19.5	0.0
100	QPSK	270	0	18.07	18.10	18.09		
100	16QAM	1	1	18.05	18.00	18.03	19.5	0.0
100	64QAM	1	1	18.05	18.02	18.08	19.5	0.0
100	256QAM	1	1	18.01	18.02	18.04	19.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.00	18.08	18.01	19.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.98	18.01	18.09	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.04	18.09	18.08	19.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.05	18.02	17.99	19.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.04	18.09	18.07	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.03	17.99	17.99	19.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.01	18.01	17.99	19.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.97	18.07	18.08	19.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.00	18.07	17.98	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.99	18.02	18.07	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	21.05	21.00	20.94	22.5	0.0
100	PI/2 BPSK	1	137	21.03	21.08	20.99		
100	PI/2 BPSK	1	271	21.02	21.08	21.00		
100	PI/2 BPSK	135	0	20.97	21.06	20.97	22.5	0.0
100	PI/2 BPSK	135	69	20.99	20.99	21.03	22.5	0.0
100	PI/2 BPSK	135	138	21.05	21.10	20.95	22.5	0.0
100	PI/2 BPSK	270	0	20.99	21.10	20.99		
100	QPSK	1	1	21.16	21.19	21.14	22.5	0.0
100	QPSK	1	137	21.03	21.09	21.01		
100	QPSK	1	271	20.99	21.04	21.04		
100	QPSK	135	0	21.02	21.00	21.04	22.5	0.0
100	QPSK	135	69	21.03	21.17	21.00	22.5	0.0
100	QPSK	135	138	20.98	21.03	21.01	22.5	0.0
100	QPSK	270	0	21.04	21.14	21.03		
100	16QAM	1	1	21.06	21.02	21.05	22.5	0.0
100	64QAM	1	1	21.07	21.04	20.94	22.5	0.0
100	256QAM	1	1	21.06	21.01	21.04	22.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.03	21.07	21.04	22.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.02	20.98	21.00	22.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.97	21.05	20.94	22.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.00	21.08	20.94	22.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.05	21.00	20.96	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.06	21.09	20.98	22.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.96	21.08	21.01	22.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.98	21.05	20.95	22.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.02	21.08	20.94	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.06	21.09	20.95	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.97		19.5	0.0
100	PI/2 BPSK	1	137		17.97			
100	PI/2 BPSK	1	271		17.95			
100	PI/2 BPSK	135	0		18.07		19.5	0.0
100	PI/2 BPSK	135	69		17.96		19.5	0.0
100	PI/2 BPSK	135	138		17.89		19.5	0.0
100	PI/2 BPSK	270	0		18.00			
100	QPSK	1	1		18.10		19.5	0.0
100	QPSK	1	137		17.91			
100	QPSK	1	271		17.98			
100	QPSK	135	0		17.96		19.5	0.0
100	QPSK	135	69		18.04		19.5	0.0
100	QPSK	135	138		17.92		19.5	0.0
100	QPSK	270	0		18.03			
100	16QAM	1	1		17.87		19.5	0.0
100	64QAM	1	1		17.98		19.5	0.0
100	256QAM	1	1		17.91		19.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.93	18.01	17.99	19.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.01	17.99	18.02	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.97	17.97	18.04	19.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.99	18.06	17.96	19.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.04	18.01	18.05	19.5	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	18.05	19.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.94	18.00	18.05	19.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.02	17.97	17.97	19.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.93	18.07	18.00	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.94	17.96	18.04	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.96		22.5	0.0
100	PI/2 BPSK	1	137		20.97			
100	PI/2 BPSK	1	271		20.99			
100	PI/2 BPSK	135	0		21.02		22.5	0.0
100	PI/2 BPSK	135	69		20.85		22.5	0.0
100	PI/2 BPSK	135	138		21.05		22.5	0.0
100	PI/2 BPSK	270	0		20.98			
100	QPSK	1	1		21.09		22.5	0.0
100	QPSK	1	137		20.95			
100	QPSK	1	271		21.00			
100	QPSK	135	0		20.89		22.5	0.0
100	QPSK	135	69		21.07		22.5	0.0
100	QPSK	135	138		20.93		22.5	0.0
100	QPSK	270	0		21.01			
100	16QAM	1	1		20.95		22.5	0.0
100	64QAM	1	1		20.90		22.5	0.0
100	256QAM	1	1		20.89		22.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.92	21.06	20.92	22.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.00	21.04	20.91	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.00	21.08	20.88	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.99	21.02	20.98	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.92	21.00	20.94	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.89	21.00	20.97	22.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.89	21.00	20.97	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.96	21.04	20.94	22.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.01	21.08	20.96	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.91	21.05	20.92	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.55	21.58	21.60	23.3	0.0
100	PI/2 BPSK	1	137	21.53	21.63	21.60		
100	PI/2 BPSK	1	271	21.51	21.54	21.58		
100	PI/2 BPSK	135	0	21.59	21.58	21.53	23.3	0.0
100	PI/2 BPSK	135	69	21.56	21.63	21.55	23.3	0.0
100	PI/2 BPSK	135	138	21.59	21.55	21.59	23.3	0.0
100	PI/2 BPSK	270	0	21.50	21.54	21.52		
100	QPSK	1	1	21.70	21.75	21.72	23.3	0.0
100	QPSK	1	137	21.58	21.64	21.62		
100	QPSK	1	271	21.50	21.62	21.62		
100	QPSK	135	0	21.39	21.42	21.43	23.0	0.3
100	QPSK	135	69	21.63	21.72	21.67	23.3	0.0
100	QPSK	135	138	21.43	21.46	21.45	23.0	0.3
100	QPSK	270	0	21.36	21.48	21.39		
100	16QAM	1	1	21.40	21.43	21.41	23.0	0.3
100	64QAM	1	1	19.95	20.00	19.89	21.5	1.8
100	256QAM	1	1	17.92	18.00	17.94	19.5	3.8
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.56	21.65	21.57	23.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.49	21.62	21.51	23.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.53	21.55	21.63	23.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.57	21.61	21.63	23.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.52	21.59	21.53	23.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.52	21.54	21.58	23.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.59	21.63	21.62	23.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.59	21.62	21.53	23.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.50	21.56	21.61	23.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.57	21.63	21.53	23.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.64	24.70	24.59	26.3	0.0
100	PI/2 BPSK	1	137	24.65	24.69	24.60		
100	PI/2 BPSK	1	271	24.58	24.62	24.63		
100	PI/2 BPSK	135	0	24.59	24.64	24.66	26.3	0.0
100	PI/2 BPSK	135	69	24.61	24.63	24.60	26.3	0.0
100	PI/2 BPSK	135	138	24.66	24.64	24.59	26.3	0.0
100	PI/2 BPSK	270	0	24.63	24.60	24.65		
100	QPSK	1	1	24.76	24.81	24.78	26.3	0.0
100	QPSK	1	137	24.66	24.69	24.66		
100	QPSK	1	271	24.66	24.67	24.60		
100	QPSK	135	0	24.38	24.43	24.43	26.0	0.3
100	QPSK	135	69	24.69	24.72	24.69	26.3	0.0
100	QPSK	135	138	24.40	24.42	24.34	26.0	0.3
100	QPSK	270	0	24.39	24.47	24.37		
100	16QAM	1	1	24.36	24.36	24.32	26.0	0.3
100	64QAM	1	1	22.91	22.91	22.87	24.5	1.8
100	256QAM	1	1	20.88	20.95	20.90	22.5	3.8
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.58	24.71	24.60	26.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.66	24.70	24.64	26.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.56	24.61	24.65	26.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.59	24.69	24.62	26.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.57	24.71	24.69	26.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.58	24.65	24.69	26.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.58	24.68	24.62	26.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.64	24.70	24.60	26.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.60	24.64	24.67	26.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.57	24.65	24.67	26.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.54		23.3	0.0
100	PI/2 BPSK	1	137		21.55			
100	PI/2 BPSK	1	271		21.42			
100	PI/2 BPSK	135	0		21.48		23.3	0.0
100	PI/2 BPSK	135	69		21.55		23.3	0.0
100	PI/2 BPSK	135	138		21.45		23.3	0.0
100	PI/2 BPSK	270	0		21.40			
100	QPSK	1	1		21.66		23.3	0.0
100	QPSK	1	137		21.57			
100	QPSK	1	271		21.53			
100	QPSK	135	0		21.28		23.0	0.3
100	QPSK	135	69		21.63		23.3	0.0
100	QPSK	135	138		21.41		23.0	0.3
100	QPSK	270	0		21.43			
100	16QAM	1	1		21.38		23.0	0.3
100	64QAM	1	1		19.86		21.5	1.8
100	256QAM	1	1		17.87		19.5	3.8
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.47	21.58	21.46	23.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.44	21.56	21.47	23.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.46	21.54	21.51	23.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.47	21.54	21.49	23.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.51	21.53	21.43	23.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.45	21.53	21.53	23.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.49	21.52	21.46	23.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.42	21.62	21.51	23.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.43	21.60	21.45	23.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.45	21.61	21.42	23.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.65		26.3	0.0
100	PI/2 BPSK	1	137		24.59			
100	PI/2 BPSK	1	271		24.50			
100	PI/2 BPSK	135	0		24.57		26.3	0.0
100	PI/2 BPSK	135	69		24.56		26.3	0.0
100	PI/2 BPSK	135	138		24.59		26.3	0.0
100	PI/2 BPSK	270	0		24.48			
100	QPSK	1	1		24.77		26.3	0.0
100	QPSK	1	137		24.55			
100	QPSK	1	271		24.53			
100	QPSK	135	0		24.39		26.0	0.3
100	QPSK	135	69		24.68		26.3	0.0
100	QPSK	135	138		24.32		26.0	0.3
100	QPSK	270	0		24.34			
100	16QAM	1	1		24.22		26.0	0.3
100	64QAM	1	1		22.86		24.5	1.8
100	256QAM	1	1		20.84		22.5	3.8
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.52	24.61	24.57	26.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.51	24.62	24.51	26.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.51	24.63	24.53	26.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.48	24.62	24.48	26.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.50	24.57	24.48	26.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.48	24.56	24.56	26.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.50	24.61	24.49	26.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.46	24.62	24.48	26.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.55	24.67	24.45	26.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.46	24.57	24.52	26.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.67	22.82	22.76	24.0	0.0
40	PI/2 BPSK	1	53	22.68	22.77	22.70		
40	PI/2 BPSK	1	104	22.62	22.68	22.61		
40	PI/2 BPSK	50	0	22.15	22.24	22.15	23.5	0.5
40	PI/2 BPSK	50	28	22.58	22.66	22.58	24.0	0.0
40	PI/2 BPSK	50	56	22.40	22.46	22.33	23.5	0.5
40	PI/2 BPSK	100	0	22.30	22.41	22.31		
40	QPSK	1	1	22.81	22.91	22.90	24.0	0.0
40	QPSK	1	53	22.63	22.78	22.69		
40	QPSK	1	104	22.70	22.84	22.70		
40	QPSK	50	0	21.81	21.89	21.82	23.0	1.0
40	QPSK	50	28	22.73	22.78	22.69	24.0	0.0
40	QPSK	50	56	21.79	21.86	21.74	23.0	1.0
40	QPSK	100	0	21.69	21.81	21.69		
40	16QAM	1	1	21.80	21.88	21.77	23.0	1.0
40	64QAM	1	1	20.32	20.45	20.29	21.5	2.5
40	256QAM	1	1	18.46	18.52	18.38	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.54	22.69	22.60	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.51	22.74	22.62	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.51	22.72	22.60	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.48	22.73	22.59	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.87	22.92	22.87	24.0	0.0
100	PI/2 BPSK	1	137	22.74	22.79	22.72		
100	PI/2 BPSK	1	271	22.72	22.79	22.72		
100	PI/2 BPSK	135	0	22.42	22.46	22.37	23.5	0.5
100	PI/2 BPSK	135	69	22.74	22.81	22.75	24.0	0.0
100	PI/2 BPSK	135	138	22.46	22.54	22.48	23.5	0.5
100	PI/2 BPSK	270	0	22.35	22.41	22.34		
100	QPSK	1	1	22.81	22.96	22.88	24.0	0.0
100	QPSK	1	137	22.69	22.81	22.75		
100	QPSK	1	271	22.68	22.83	22.79		
100	QPSK	135	0	21.81	21.95	21.81	23.0	1.0
100	QPSK	135	69	22.75	22.85	22.72	24.0	0.0
100	QPSK	135	138	21.83	21.90	21.79	23.0	1.0
100	QPSK	270	0	21.77	21.84	21.69		
100	16QAM	1	1	21.84	21.90	21.78	23.0	1.0
100	64QAM	1	1	20.40	20.53	20.39	21.5	2.5
100	256QAM	1	1	18.25	18.38	18.33	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	22.60	22.72	22.64	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.65	22.75	22.60	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	22.75	22.83	22.75	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	22.62	22.76	22.65	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	22.59	22.77	22.67	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	22.62	22.65	22.61	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	22.60	22.71	22.61	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	22.63	22.68	22.69	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	22.64	22.69	22.70	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	22.63	22.73	22.69	24.0	0.0

Reduced Power Mode for Other PA DSI6

n2 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.13	19.12	19.24	20.6	0.0
20	PI/2 BPSK	1	53	19.14	19.24	19.08		
20	PI/2 BPSK	1	104	19.17	19.31	19.14		
20	PI/2 BPSK	50	0	19.12	19.25	19.22	20.6	0.0
20	PI/2 BPSK	50	28	19.09	19.15	19.19	20.6	0.0
20	PI/2 BPSK	50	56	19.06	19.27	19.16	20.6	0.0
20	PI/2 BPSK	100	0	19.22	19.14	19.16		
20	QPSK	1	1	19.29	19.38	19.29	20.6	0.0
20	QPSK	1	53	19.19	19.13	19.15		
20	QPSK	1	104	19.11	19.20	19.26		
20	QPSK	50	0	19.19	19.15	19.18	20.6	0.0
20	QPSK	50	28	19.25	19.32	19.28	20.6	0.0
20	QPSK	50	56	19.16	19.21	19.20	20.6	0.0
20	QPSK	100	0	19.14	19.28	19.24		
20	16QAM	1	1	19.11	19.19	19.18	20.6	0.0
20	64QAM	1	1	19.17	19.18	19.17	20.5	0.1
20	256QAM	1	1	17.26	17.39	17.28	18.5	2.1
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.13	19.29	19.19	20.6	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.24	19.27	19.13	20.6	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.12	19.24	19.22	20.6	0.0

n7 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.80	18.86	18.80	20.3	0.0
40	PI/2 BPSK	1	108	18.86	18.84	18.85		
40	PI/2 BPSK	1	214	18.89	18.90	18.86		
40	PI/2 BPSK	108	0	18.88	18.97	18.87	20.3	0.0
40	PI/2 BPSK	108	54	18.85	18.93	18.86	20.3	0.0
40	PI/2 BPSK	108	108	18.80	18.85	18.83	20.3	0.0
40	PI/2 BPSK	216	0	18.90	18.93	18.94		
40	QPSK	1	1	19.01	19.10	19.06	20.3	0.0
40	QPSK	1	108	18.91	18.96	18.87		
40	QPSK	1	214	18.85	18.86	18.82		
40	QPSK	108	0	18.75	18.84	18.80	20.3	0.0
40	QPSK	108	54	18.92	18.98	18.93	20.3	0.0
40	QPSK	108	108	18.87	18.85	18.96	20.3	0.0
40	QPSK	216	0	18.88	19.00	18.82		
40	16QAM	1	1	18.85	18.80	18.83	20.3	0.0
40	64QAM	1	1	18.71	18.77	18.77	20.0	0.3
40	256QAM	1	1	16.67	16.76	16.75	18.0	2.3
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.96	18.94	18.92	20.3	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.92	19.02	19.00	20.3	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.93	18.99	19.00	20.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.96	18.97	18.90	20.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.93	18.95	19.00	20.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.94	18.95	18.99	20.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.25	18.28	18.19	19.9	0.0
40	PI/2 BPSK	1	108	18.24	18.21	18.28		
40	PI/2 BPSK	1	214	18.29	18.36	18.17		
40	PI/2 BPSK	108	0	18.20	18.32	18.30	19.9	0.0
40	PI/2 BPSK	108	54	18.20	18.34	18.20	19.9	0.0
40	PI/2 BPSK	108	108	18.29	18.29	18.24	19.9	0.0
40	PI/2 BPSK	216	0	18.25	18.24	18.25		
40	QPSK	1	1	18.46	18.51	18.49	19.9	0.0
40	QPSK	1	108	18.21	18.26	18.31		
40	QPSK	1	214	18.17	18.22	18.25		
40	QPSK	108	0	18.20	18.41	18.22	19.9	0.0
40	QPSK	108	54	18.38	18.49	18.43	19.9	0.0
40	QPSK	108	108	18.30	18.31	18.28	19.9	0.0
40	QPSK	216	0	18.34	18.47	18.28		
40	16QAM	1	1	18.18	18.33	18.20	19.9	0.0
40	64QAM	1	1	18.27	18.27	18.19	19.9	0.0
40	256QAM	1	1	17.91	17.99	17.93	19.5	0.4
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.31	18.38	18.42	19.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.33	18.35	18.37	19.9	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.33	18.34	18.38	19.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.41	18.35	18.38	19.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.38	18.39	18.36	19.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.37	18.43	18.40	19.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.37	18.46	18.32	19.9	0.0

n2 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.54	21.61	21.45	23.0	0.0
20	PI/2 BPSK	1	53	21.36	21.46	21.35		
20	PI/2 BPSK	1	104	21.39	21.48	21.39		
20	PI/2 BPSK	50	0	20.97	21.13	21.01	22.5	0.5
20	PI/2 BPSK	50	28	21.30	21.51	21.48	23.0	0.0
20	PI/2 BPSK	50	56	20.88	21.00	21.01	22.5	0.5
20	PI/2 BPSK	100	0	20.92	20.94	20.83		
20	QPSK	1	1	21.60	21.67	21.57	23.0	0.0
20	QPSK	1	53	21.42	21.44	21.48		
20	QPSK	1	104	21.51	21.54	21.48		
20	QPSK	50	0	20.50	20.57	20.51	22.0	1.0
20	QPSK	50	28	21.49	21.50	21.49	23.0	0.0
20	QPSK	50	56	20.31	20.55	20.38	22.0	1.0
20	QPSK	100	0	20.35	20.57	20.42		
20	16QAM	1	1	20.17	20.20	20.08	22.0	1.0
20	64QAM	1	1	18.89	18.94	18.92	20.5	2.5
20	256QAM	1	1	17.19	17.27	17.24	18.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.53	21.59	21.51	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.47	21.55	21.48	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.51	21.58	21.47	23.0	0.0

n66 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.28	21.42	21.33	23.0	0.0
40	PI/2 BPSK	1	108	21.30	21.35	21.27		
40	PI/2 BPSK	1	214	21.34	21.36	21.29		
40	PI/2 BPSK	108	0	20.96	20.95	21.00	22.5	0.5
40	PI/2 BPSK	108	54	21.27	21.40	21.27	23.0	0.0
40	PI/2 BPSK	108	108	20.86	20.91	20.80	22.5	0.5
40	PI/2 BPSK	216	0	20.92	20.97	20.85		
40	QPSK	1	1	21.40	21.49	21.39	23.0	0.0
40	QPSK	1	108	21.25	21.44	21.39		
40	QPSK	1	214	21.33	21.45	21.42		
40	QPSK	108	0	20.33	20.52	20.31	22.0	1.0
40	QPSK	108	54	21.33	21.42	21.28	23.0	0.0
40	QPSK	108	108	20.33	20.37	20.34	22.0	1.0
40	QPSK	216	0	20.23	20.39	20.29		
40	16QAM	1	1	20.22	20.19	20.11	22.0	1.0
40	64QAM	1	1	18.65	18.73	18.64	20.5	2.5
40	256QAM	1	1	17.13	17.25	17.16	18.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.31	21.36	21.32	23.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.36	21.42	21.34	23.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.31	21.42	21.31	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.27	21.42	21.34	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.35	21.40	21.31	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.35	21.40	21.30	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.32	21.43	21.24	23.0	0.0

Reduced Power Mode for DSI7

n5 Ant 0 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.60	22.70	22.62	24.0	0.0
20	PI/2 BPSK	1	53	22.54	22.71	22.71		
20	PI/2 BPSK	1	104	22.53	22.76	22.72		
20	PI/2 BPSK	50	0	22.15	22.32	22.24	23.5	0.5
20	PI/2 BPSK	50	28	22.52	22.71	22.66	24.0	0.0
20	PI/2 BPSK	50	56	22.11	22.31	22.28	23.5	0.5
20	PI/2 BPSK	100	0	22.18	22.33	22.29		
20	QPSK	1	1	22.66	22.80	22.77	24.0	0.0
20	QPSK	1	53	22.50	22.64	22.64		
20	QPSK	1	104	22.53	22.70	22.61		
20	QPSK	50	0	21.63	21.74	21.71	23.0	1.0
20	QPSK	50	28	22.56	22.73	22.63	24.0	0.0
20	QPSK	50	56	21.65	21.81	21.76	23.0	1.0
20	QPSK	100	0	21.70	21.79	21.75		
20	16QAM	1	1	21.71	21.78	21.76	23.0	1.0
20	64QAM	1	1	20.15	20.27	20.28	21.5	2.5
20	256QAM	1	1	18.14	18.34	18.22	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.37	22.53	22.44	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.32	22.53	22.53	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.32	22.52	22.49	24.0	0.0

n26 Ant 0 DSI7

BW [MHz]	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	22.73	22.78	22.69	24.0	0.0
20	PI/2 BPSK	1	53	22.69	22.73	22.67		
20	PI/2 BPSK	1	104	22.73	22.82	22.68		
20	PI/2 BPSK	50	0	22.25	22.37	22.27	23.5	0.5
20	PI/2 BPSK	50	28	22.67	22.76	22.63	24.0	0.0
20	PI/2 BPSK	50	56	22.36	22.32	22.24	23.5	0.5
20	PI/2 BPSK	100	0	22.30	22.39	22.27		
20	QPSK	1	1	22.80	22.86	22.76	24.0	0.0
20	QPSK	1	53	22.72	22.80	22.66		
20	QPSK	1	104	22.74	22.81	22.70		
20	QPSK	50	0	21.78	21.92	21.79	23.0	1.0
20	QPSK	50	28	22.67	22.71	22.68	24.0	0.0
20	QPSK	50	56	21.79	21.81	21.79	23.0	1.0
20	QPSK	100	0	21.74	21.86	21.75		
20	16QAM	1	1	21.74	21.84	21.76	23.0	1.0
20	64QAM	1	1	20.34	20.39	20.24	21.5	2.5
20	256QAM	1	1	18.30	18.38	18.32	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.53	22.54	22.50	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.51	22.58	22.46	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.46	22.55	22.41	24.0	0.0

n38 Ant 0 DSI7

BW [MHz]	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	18.11	18.21	18.12		
40	PI/2 BPSK	1	53	18.20	18.26	18.29	19.6	0.0
40	PI/2 BPSK	1	104	18.24	18.18	18.18		
40	PI/2 BPSK	50	0	18.16	18.25	18.22	19.6	0.0
40	PI/2 BPSK	50	28	18.12	18.28	18.16	19.6	0.0
40	PI/2 BPSK	50	56	18.14	18.21	18.15	19.6	0.0
40	PI/2 BPSK	100	0	18.04	18.27	18.14		
40	QPSK	1	1	18.32	18.39	18.24		
40	QPSK	1	53	18.10	18.27	18.07	19.6	0.0
40	QPSK	1	104	18.18	18.18	18.20		
40	QPSK	50	0	18.17	18.20	18.19	19.6	0.0
40	QPSK	50	28	18.26	18.31	18.21	19.6	0.0
40	QPSK	50	56	18.13	18.17	18.15	19.6	0.0
40	QPSK	100	0	18.17	18.26	18.13		
40	16QAM	1	1	18.17	18.17	18.15	19.6	0.0
40	64QAM	1	1	18.04	18.02	18.01	19.5	0.1
40	256QAM	1	1	16.13	16.16	16.14	17.5	2.1
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.16	18.18	18.18	19.6	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.15	18.27	18.18	19.6	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.14	18.27	18.11	19.6	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.13	18.18	18.15	19.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.17	18.32	18.22		
100	PI/2 BPSK	1	137	18.26	18.34	18.31	19.6	0.0
100	PI/2 BPSK	1	271	18.26	18.30	18.24		
100	PI/2 BPSK	135	0	18.23	18.32	18.27	19.6	0.0
100	PI/2 BPSK	135	69	18.24	18.33	18.21	19.6	0.0
100	PI/2 BPSK	135	138	18.25	18.28	18.25	19.6	0.0
100	PI/2 BPSK	270	0	18.16	18.34	18.21		
100	QPSK	1	1	18.39	18.46	18.36		
100	QPSK	1	137	18.21	18.29	18.19	19.6	0.0
100	QPSK	1	271	18.21	18.32	18.23		
100	QPSK	135	0	18.24	18.25	18.29	19.6	0.0
100	QPSK	135	69	18.32	18.40	18.35	19.6	0.0
100	QPSK	135	138	18.22	18.27	18.19	19.6	0.0
100	QPSK	270	0	18.31	18.37	18.25		
100	16QAM	1	1	18.24	18.27	18.28	19.6	0.0
100	64QAM	1	1	18.15	18.15	18.14	19.5	0.1
100	256QAM	1	1	16.17	16.28	16.27	17.5	2.1
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.18	18.32	18.24	19.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.18	18.28	18.31	19.6	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.32	18.39	18.24	19.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.17	18.25	18.26	19.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.21	18.36	18.25	19.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.16	18.26	18.28	19.6	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.17	18.34	18.27	19.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.25	18.31	18.29	19.6	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.26	18.27	18.30	19.6	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.16	18.30	18.23	19.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	13.32	13.42	13.30	14.5	0.0
20	PI/2 BPSK	1	53	13.39	13.36	13.36		
20	PI/2 BPSK	1	104	13.31	13.32	13.33		
20	PI/2 BPSK	50	0	13.40	13.37	13.33	14.5	0.0
20	PI/2 BPSK	50	28	13.40	13.34	13.31	14.5	0.0
20	PI/2 BPSK	50	56	13.37	13.36	13.27	14.5	0.0
20	PI/2 BPSK	100	0	13.40	13.36	13.31		
20	QPSK	1	1	13.47	13.54	13.42	14.5	0.0
20	QPSK	1	53	13.32	13.37	13.32		
20	QPSK	1	104	13.41	13.33	13.32		
20	QPSK	50	0	13.31	13.41	13.37	14.5	0.0
20	QPSK	50	28	13.45	13.48	13.42	14.5	0.0
20	QPSK	50	56	13.40	13.43	13.32	14.5	0.0
20	QPSK	100	0	13.36	13.46	13.34		
20	16QAM	1	1	13.34	13.34	13.37	14.5	0.0
20	64QAM	1	1	13.41	13.36	13.37	14.5	0.0
20	256QAM	1	1	13.30	13.43	13.28	14.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	13.34	13.32	13.30	14.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	13.40	13.43	13.33	14.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	13.31	13.40	13.36	14.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.83	21.85	21.72	23.0	0.0
20	PI/2 BPSK	1	53	21.84	21.71	21.68		
20	PI/2 BPSK	1	104	21.82	21.76	21.70		
20	PI/2 BPSK	50	0	21.79	21.81	21.75	23.0	0.0
20	PI/2 BPSK	50	28	21.79	21.77	21.77	23.0	0.0
20	PI/2 BPSK	50	56	21.65	21.80	21.78	23.0	0.0
20	PI/2 BPSK	100	0	21.73	21.73	21.83		
20	QPSK	1	1	21.85	21.94	21.93	23.0	0.0
20	QPSK	1	53	21.78	21.82	21.76		
20	QPSK	1	104	21.73	21.79	21.72		
20	QPSK	50	0	21.78	21.73	21.79	23.0	0.0
20	QPSK	50	28	21.85	21.91	21.88	23.0	0.0
20	QPSK	50	56	21.71	21.78	21.81	23.0	0.0
20	QPSK	100	0	21.78	21.87	21.82		
20	16QAM	1	1	21.82	21.72	21.80	23.0	0.0
20	64QAM	1	1	20.43	20.29	20.35	21.5	1.5
20	256QAM	1	1	18.31	18.45	18.42	19.5	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.72	21.81	21.75	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.71	21.80	21.76	23.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.82	21.82	21.80	23.0	0.0

n7 Ant 1 DSI7

BW [MHz]	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	11.52	11.54	11.39	12.8	0.0
40	PI/2 BPSK	1	108	11.51	11.46	11.41		
40	PI/2 BPSK	1	214	11.43	11.48	11.44		
40	PI/2 BPSK	108	0	11.50	11.53	11.43	12.8	0.0
40	PI/2 BPSK	108	54	11.44	11.52	11.46	12.8	0.0
40	PI/2 BPSK	108	108	11.54	11.51	11.44	12.8	0.0
40	PI/2 BPSK	216	0	11.49	11.47	11.45		
40	QPSK	1	1	11.58	11.60	11.55	12.8	0.0
40	QPSK	1	108	11.51	11.51	11.41		
40	QPSK	1	214	11.49	11.47	11.45		
40	QPSK	108	0	11.43	11.47	11.48	12.8	0.0
40	QPSK	108	54	11.53	11.56	11.53	12.8	0.0
40	QPSK	108	108	11.47	11.53	11.45	12.8	0.0
40	QPSK	216	0	11.48	11.55	11.50		
40	16QAM	1	1	11.45	11.50	11.46	12.8	0.0
40	64QAM	1	1	11.50	11.54	11.43	12.8	0.0
40	256QAM	1	1	11.43	11.48	11.46	12.8	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	11.49	11.44	11.46	12.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	11.50	11.48	11.46	12.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	11.50	11.50	11.44	12.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	11.44	11.50	11.48	12.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	11.46	11.48	11.49	12.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	11.44	11.52	11.49	12.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.90	21.91	21.83	23.0	0.0
20	PI/2 BPSK	1	53	21.89	21.84	21.79		
20	PI/2 BPSK	1	104	21.89	21.82	21.83		
20	PI/2 BPSK	50	0	21.86	21.93	21.83	23.0	0.0
20	PI/2 BPSK	50	28	21.87	21.88	21.86	23.0	0.0
20	PI/2 BPSK	50	56	21.80	21.87	21.86	23.0	0.0
20	PI/2 BPSK	100	0	21.79	21.83	21.86		
20	QPSK	1	1	21.98	22.00	21.96	23.0	0.0
20	QPSK	1	53	21.88	21.94	21.84		
20	QPSK	1	104	21.86	21.89	21.87		
20	QPSK	50	0	21.90	21.85	21.86	23.0	0.0
20	QPSK	50	28	21.95	21.98	21.94	23.0	0.0
20	QPSK	50	56	21.85	21.87	21.85	23.0	0.0
20	QPSK	100	0	21.90	21.95	21.89		
20	16QAM	1	1	21.88	21.84	21.87	23.0	0.0
20	64QAM	1	1	20.49	20.43	20.41	21.5	1.5
20	256QAM	1	1	18.46	18.51	18.47	19.5	3.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.83	21.90	21.86	23.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.86	21.82	21.88	23.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.91	21.88	21.83	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	13.51	13.52	13.45	15.0	0.0
40	PI/2 BPSK	1	108	13.48	13.58	13.54		
40	PI/2 BPSK	1	214	13.55	13.54	13.48		
40	PI/2 BPSK	108	0	13.46	13.54	13.54	15.0	0.0
40	PI/2 BPSK	108	54	13.48	13.57	13.55	15.0	0.0
40	PI/2 BPSK	108	108	13.58	13.52	13.44	15.0	0.0
40	PI/2 BPSK	216	0	13.46	13.51	13.53		
40	QPSK	1	1	13.62	13.65	13.60	15.0	0.0
40	QPSK	1	108	13.46	13.50	13.47		
40	QPSK	1	214	13.49	13.60	13.56		
40	QPSK	108	0	13.54	13.59	13.53	15.0	0.0
40	QPSK	108	54	13.60	13.62	13.52	15.0	0.0
40	QPSK	108	108	13.46	13.56	13.52	15.0	0.0
40	QPSK	216	0	13.58	13.61	13.49		
40	16QAM	1	1	13.53	13.52	13.53	15.0	0.0
40	64QAM	1	1	13.53	13.55	13.56	15.0	0.0
40	256QAM	1	1	13.52	13.50	13.49	15.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	13.49	13.59	13.48	15.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	13.53	13.55	13.45	15.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	13.47	13.58	13.45	15.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	13.52	13.52	13.55	15.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	13.53	13.55	13.49	15.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	13.56	13.58	13.53	15.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	13.53	13.53	13.56	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	12.33	12.37	12.36	13.5	0.0
40	PI/2 BPSK	1	53	12.39	12.33	12.30		
40	PI/2 BPSK	1	104	12.37	12.37	12.27		
40	PI/2 BPSK	50	0	12.46	12.43	12.25	13.5	0.0
40	PI/2 BPSK	50	28	12.37	12.45	12.35	13.5	0.0
40	PI/2 BPSK	50	56	12.28	12.35	12.31	13.5	0.0
40	PI/2 BPSK	100	0	12.44	12.38	12.30		
40	QPSK	1	1	12.46	12.48	12.39	13.5	0.0
40	QPSK	1	53	12.35	12.40	12.31		
40	QPSK	1	104	12.30	12.45	12.43		
40	QPSK	50	0	12.43	12.41	12.30	13.5	0.0
40	QPSK	50	28	12.39	12.46	12.36	13.5	0.0
40	QPSK	50	56	12.45	12.44	12.30	13.5	0.0
40	QPSK	100	0	12.35	12.38	12.34		
40	16QAM	1	1	12.38	12.37	12.42	13.5	0.0
40	64QAM	1	1	12.46	12.41	12.28	13.5	0.0
40	256QAM	1	1	12.42	12.42	12.27	13.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	12.43	12.42	12.32	13.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	12.35	12.37	12.32	13.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	12.32	12.37	12.34	13.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	12.38	12.45	12.33	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	12.46	12.47	12.41	13.5	0.0
100	PI/2 BPSK	1	137	12.45	12.46	12.39		
100	PI/2 BPSK	1	271	12.48	12.48	12.42		
100	PI/2 BPSK	135	0	12.51	12.48	12.40	13.5	0.0
100	PI/2 BPSK	135	69	12.41	12.49	12.45	13.5	0.0
100	PI/2 BPSK	135	138	12.41	12.45	12.38	13.5	0.0
100	PI/2 BPSK	270	0	12.50	12.49	12.40		
100	QPSK	1	1	12.56	12.60	12.54	13.5	0.0
100	QPSK	1	137	12.44	12.53	12.39		
100	QPSK	1	271	12.42	12.51	12.47		
100	QPSK	135	0	12.47	12.54	12.42	13.5	0.0
100	QPSK	135	69	12.46	12.56	12.48	13.5	0.0
100	QPSK	135	138	12.52	12.50	12.41	13.5	0.0
100	QPSK	270	0	12.45	12.49	12.46		
100	16QAM	1	1	12.43	12.45	12.46	13.5	0.0
100	64QAM	1	1	12.52	12.53	12.39	13.5	0.0
100	256QAM	1	1	12.48	12.48	12.39	13.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	12.49	12.48	12.42	13.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	12.41	12.45	12.38	13.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	12.48	12.47	12.36	13.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	12.43	12.48	12.47	13.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	12.51	12.53	12.49	13.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	12.48	12.49	12.47	13.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	12.41	12.52	12.40	13.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	12.49	12.54	12.46	13.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	12.47	12.45	12.49	13.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	12.41	12.50	12.47	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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.51	19.58	19.60	20.4	0.0
20	PI/2 BPSK	1	53	19.49	19.61	19.49		
20	PI/2 BPSK	1	104	19.50	19.60	19.60		
20	PI/2 BPSK	50	0	19.51	19.52	19.55	20.4	0.0
20	PI/2 BPSK	50	28	19.53	19.56	19.56	20.4	0.0
20	PI/2 BPSK	50	56	19.51	19.53	19.52	20.4	0.0
20	PI/2 BPSK	100	0	19.48	19.54	19.58		
20	QPSK	1	1	19.66	19.70	19.68	20.4	0.0
20	QPSK	1	53	19.48	19.54	19.51		
20	QPSK	1	104	19.59	19.58	19.57		
20	QPSK	50	0	19.52	19.54	19.57	20.4	0.0
20	QPSK	50	28	19.55	19.66	19.62	20.4	0.0
20	QPSK	50	56	19.47	19.53	19.51	20.4	0.0
20	QPSK	100	0	19.54	19.62	19.58		
20	16QAM	1	1	19.50	19.58	19.56	20.4	0.0
20	64QAM	1	1	19.49	19.53	19.58	20.4	0.0
20	256QAM	1	1	18.79	18.84	18.78	19.5	0.9
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.50	19.55	19.52	20.4	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.55	19.59	19.54	20.4	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.49	19.56	19.58	20.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.90	19.01	18.88	20.2	0.0
40	PI/2 BPSK	1	108	18.97	18.94	18.91		
40	PI/2 BPSK	1	214	18.87	18.96	18.93		
40	PI/2 BPSK	108	0	18.93	18.95	18.93	20.2	0.0
40	PI/2 BPSK	108	54	18.93	18.96	18.85	20.2	0.0
40	PI/2 BPSK	108	108	18.96	18.95	18.88	20.2	0.0
40	PI/2 BPSK	216	0	18.98	19.01	18.85		
40	QPSK	1	1	19.08	19.11	19.05	20.2	0.0
40	QPSK	1	108	18.89	18.92	18.92		
40	QPSK	1	214	18.90	18.90	18.88		
40	QPSK	108	0	18.95	18.90	18.85	20.2	0.0
40	QPSK	108	54	19.00	19.08	18.99	20.2	0.0
40	QPSK	108	108	18.94	18.99	18.95	20.2	0.0
40	QPSK	216	0	18.97	19.07	18.92		
40	16QAM	1	1	18.90	18.90	18.88	20.2	0.0
40	64QAM	1	1	18.95	18.97	18.95	20.2	0.0
40	256QAM	1	1	18.34	18.37	18.35	19.5	0.7
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.98	18.94	18.88	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	18.87	18.96	18.93	20.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.92	18.93	18.92	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	18.88	18.95	18.92	20.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.98	19.02	18.91	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	18.98	19.01	18.89	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	18.85	18.86	18.80	20.2	0.0
40	PI/2 BPSK	1	108	18.85	18.85	18.84		
40	PI/2 BPSK	1	214	18.80	18.80	18.84		
40	PI/2 BPSK	108	0	18.77	18.82	18.80	20.2	0.0
40	PI/2 BPSK	108	54	18.80	18.83	18.84	20.2	0.0
40	PI/2 BPSK	108	108	18.78	18.83	18.82	20.2	0.0
40	PI/2 BPSK	216	0	18.75	18.89	18.78		
40	QPSK	1	1	18.98	19.05	18.99	20.2	0.0
40	QPSK	1	108	18.80	18.83	18.75		
40	QPSK	1	214	18.81	18.78	18.84		
40	QPSK	108	0	18.82	18.87	18.77	20.2	0.0
40	QPSK	108	54	18.95	18.99	18.96	20.2	0.0
40	QPSK	108	108	18.83	18.89	18.81	20.2	0.0
40	QPSK	216	0	18.85	18.96	18.95		
40	16QAM	1	1	18.75	18.80	18.81	20.2	0.0
40	64QAM	1	1	18.75	18.86	18.82	20.2	0.0
40	256QAM	1	1	18.28	18.26	18.25	19.5	0.7
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.75	18.82	18.81	20.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.76	18.80	18.87	20.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.75	18.89	18.82	20.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.81	18.84	18.84	20.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.82	18.78	18.81	20.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.84	18.87	18.87	20.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.83	18.86	18.82	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.38	18.39	18.48	19.5	0.0
40	PI/2 BPSK	1	53	18.37	18.38	18.41		
40	PI/2 BPSK	1	104	18.39	18.42	18.42		
40	PI/2 BPSK	50	0	18.37	18.49	18.43	19.5	0.0
40	PI/2 BPSK	50	28	18.32	18.42	18.43	19.5	0.0
40	PI/2 BPSK	50	56	18.47	18.49	18.38	19.5	0.0
40	PI/2 BPSK	100	0	18.40	18.37	18.33		
40	QPSK	1	1	18.51	18.62	18.55	19.5	0.0
40	QPSK	1	53	18.47	18.45	18.38		
40	QPSK	1	104	18.47	18.46	18.41		
40	QPSK	50	0	18.37	18.53	18.33	19.5	0.0
40	QPSK	50	28	18.44	18.54	18.46	19.5	0.0
40	QPSK	50	56	18.41	18.37	18.37	19.5	0.0
40	QPSK	100	0	18.45	18.49	18.46		
40	16QAM	1	1	18.33	18.43	18.30	19.5	0.0
40	64QAM	1	1	18.40	18.36	18.41	19.5	0.0
40	256QAM	1	1	18.41	18.41	18.34	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	18.44	18.55	18.50	19.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.45	18.58	18.44	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	18.40	18.51	18.49	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	18.47	18.48	18.50	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	18.45	18.52	18.56	19.5	0.0
100	PI/2 BPSK	1	137	18.46	18.50	18.46		
100	PI/2 BPSK	1	271	18.46	18.54	18.56		
100	PI/2 BPSK	135	0	18.43	18.57	18.51	19.5	0.0
100	PI/2 BPSK	135	69	18.42	18.51	18.47	19.5	0.0
100	PI/2 BPSK	135	138	18.52	18.56	18.51	19.5	0.0
100	PI/2 BPSK	270	0	18.50	18.46	18.47		
100	QPSK	1	1	18.60	19.65	18.63	19.5	0.0
100	QPSK	1	137	18.53	18.57	18.45		
100	QPSK	1	271	18.53	18.49	18.54		
100	QPSK	135	0	18.43	18.56	18.45	19.5	0.0
100	QPSK	135	69	18.53	18.59	18.54	19.5	0.0
100	QPSK	135	138	18.45	18.50	18.51	19.5	0.0
100	QPSK	270	0	18.50	18.54	18.53		
100	16QAM	1	1	18.46	18.53	18.44	19.5	0.0
100	64QAM	1	1	18.47	18.47	18.54	19.5	0.0
100	256QAM	1	1	18.50	18.48	18.48	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	18.42	18.54	18.51	19.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.51	18.55	18.48	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	18.52	18.50	18.51	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	18.45	18.47	18.55	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	18.46	18.46	18.50	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	18.53	18.53	18.50	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	18.46	18.56	18.47	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	18.43	18.54	18.48	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	18.42	18.53	18.45	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	18.53	18.51	18.47	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	16.28	16.29	16.20	17.5	0.0
100	PI/2 BPSK	1	137	16.26	16.25	16.25		
100	PI/2 BPSK	1	271	16.33	16.25	16.23		
100	PI/2 BPSK	135	0	16.26	16.36	16.22	17.5	0.0
100	PI/2 BPSK	135	69	16.31	16.33	16.22	17.5	0.0
100	PI/2 BPSK	135	138	16.21	16.35	16.20	17.5	0.0
100	PI/2 BPSK	270	0	16.32	16.26	16.26		
100	QPSK	1	1	16.46	16.48	16.41	17.5	0.0
100	QPSK	1	137	16.32	16.29	16.25		
100	QPSK	1	271	16.32	16.36	16.22		
100	QPSK	135	0	16.30	16.33	16.29	17.5	0.0
100	QPSK	135	69	16.40	16.44	16.38	17.5	0.0
100	QPSK	135	138	16.30	16.37	16.26	17.5	0.0
100	QPSK	270	0	16.32	16.40	16.32		
100	16QAM	1	1	16.29	16.34	16.29	17.5	0.0
100	64QAM	1	1	16.32	16.31	16.22	17.5	0.0
100	256QAM	1	1	16.22	16.35	16.28	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	16.22	16.27	16.30	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	16.26	16.36	16.23	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.26	16.27	16.24	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	16.24	16.31	16.21	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	16.32	16.36	16.27	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.22	16.32	16.21	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	16.23	16.27	16.23	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	16.30	16.26	16.28	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	16.31	16.26	16.30	17.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.26	16.29	16.20	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	19.23	19.27	19.28	20.5	0.0
100	PI/2 BPSK	1	137	19.21	19.32	19.20		
100	PI/2 BPSK	1	271	19.28	19.23	19.30		
100	PI/2 BPSK	135	0	19.26	19.24	19.23	20.5	0.0
100	PI/2 BPSK	135	69	19.32	19.28	19.28	20.5	0.0
100	PI/2 BPSK	135	138	19.27	19.31	19.28	20.5	0.0
100	PI/2 BPSK	270	0	19.30	19.29	19.23		
100	QPSK	1	1	19.42	19.46	19.44	20.5	0.0
100	QPSK	1	137	19.30	19.25	19.23		
100	QPSK	1	271	19.27	19.24	19.27		
100	QPSK	135	0	19.23	19.25	19.21	20.5	0.0
100	QPSK	135	69	19.40	19.42	19.38	20.5	0.0
100	QPSK	135	138	19.22	19.28	19.28	20.5	0.0
100	QPSK	270	0	19.32	19.38	19.37		
100	16QAM	1	1	19.23	19.33	19.27	20.5	0.0
100	64QAM	1	1	19.28	19.26	19.26	20.5	0.0
100	256QAM	1	1	19.33	19.30	19.30	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	19.26	19.23	19.21	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	19.25	19.24	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.31	19.32	19.20	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	19.21	19.24	19.25	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	19.24	19.33	19.24	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.25	19.31	19.21	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	19.31	19.31	19.23	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	19.26	19.26	19.23	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	19.25	19.34	19.24	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.31	19.26	19.29	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		16.15		17.5	0.0
100	PI/2 BPSK	1	137		16.13			
100	PI/2 BPSK	1	271		16.16			
100	PI/2 BPSK	135	0		16.32		17.5	0.0
100	PI/2 BPSK	135	69		16.20		17.5	0.0
100	PI/2 BPSK	135	138		16.28		17.5	0.0
100	PI/2 BPSK	270	0		16.17			
100	QPSK	1	1		16.36		17.5	0.0
100	QPSK	1	137		16.23			
100	QPSK	1	271		16.23			
100	QPSK	135	0		16.21		17.5	0.0
100	QPSK	135	69		16.33		17.5	0.0
100	QPSK	135	138		16.27		17.5	0.0
100	QPSK	270	0		16.26			
100	16QAM	1	1		16.27		17.5	0.0
100	64QAM	1	1		16.19		17.5	0.0
100	256QAM	1	1		16.31		17.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.35	16.30	16.29	17.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.32	16.33	16.33	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.30	16.34	16.30	17.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.33	16.30	16.32	17.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.26	16.33	16.26	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.35	16.32	16.31	17.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.30	16.34	16.30	17.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.28	16.29	16.27	17.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.32	16.31	16.28	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.34	16.34	16.24	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.22		20.5	0.0
100	PI/2 BPSK	1	137		19.20			
100	PI/2 BPSK	1	271		19.14			
100	PI/2 BPSK	135	0		19.10		20.5	0.0
100	PI/2 BPSK	135	69		19.14		20.5	0.0
100	PI/2 BPSK	135	138		19.20		20.5	0.0
100	PI/2 BPSK	270	0		19.25			
100	QPSK	1	1		19.41		20.5	0.0
100	QPSK	1	137		19.15			
100	QPSK	1	271		19.16			
100	QPSK	135	0		19.19		20.5	0.0
100	QPSK	135	69		19.32		20.5	0.0
100	QPSK	135	138		19.23		20.5	0.0
100	QPSK	270	0		19.26			
100	16QAM	1	1		19.28		20.5	0.0
100	64QAM	1	1		19.15		20.5	0.0
100	256QAM	1	1		19.23		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	19.28	19.36	19.27	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	19.31	19.28	19.26	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.27	19.27	19.36	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	19.27	19.31	19.25	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	19.31	19.28	19.25	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.26	19.27	19.25	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	19.32	19.30	19.36	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	19.25	19.34	19.31	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	19.24	19.32	19.33	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.26	19.28	19.27	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	11.73	11.78	11.73	13.5	0.0
100	PI/2 BPSK	1	137	11.75	11.75	11.77		
100	PI/2 BPSK	1	271	11.80	11.74	11.74		
100	PI/2 BPSK	135	0	11.79	11.81	11.73	13.5	0.0
100	PI/2 BPSK	135	69	11.78	11.84	11.82	13.5	0.0
100	PI/2 BPSK	135	138	11.79	11.85	11.78	13.5	0.0
100	PI/2 BPSK	270	0	11.70	11.81	11.79		
100	QPSK	1	1	11.90	11.95	11.92	13.5	0.0
100	QPSK	1	137	11.79	11.75	11.76		
100	QPSK	1	271	11.76	11.81	11.73		
100	QPSK	135	0	11.81	11.80	11.80	13.5	0.0
100	QPSK	135	69	11.84	11.93	11.78	13.5	0.0
100	QPSK	135	138	11.76	11.76	11.74	13.5	0.0
100	QPSK	270	0	11.80	11.88	11.83		
100	16QAM	1	1	11.76	11.86	11.79	13.5	0.0
100	64QAM	1	1	11.72	11.81	11.73	13.5	0.0
100	256QAM	1	1	11.77	11.77	11.74	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	11.74	11.85	11.73	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	11.77	11.83	11.78	13.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	11.71	11.85	11.82	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	11.75	11.74	11.77	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	11.80	11.77	11.81	13.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	11.72	11.83	11.82	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	11.78	11.86	11.78	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	11.79	11.83	11.82	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	11.81	11.82	11.73	13.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	11.81	11.82	11.82	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	14.84	14.82	14.80	16.5	0.0
100	PI/2 BPSK	1	137	14.86	14.85	14.77		
100	PI/2 BPSK	1	271	14.82	14.87	14.76		
100	PI/2 BPSK	135	0	14.83	14.79	14.75	16.5	0.0
100	PI/2 BPSK	135	69	14.83	14.87	14.82	16.5	0.0
100	PI/2 BPSK	135	138	14.81	14.82	14.77	16.5	0.0
100	PI/2 BPSK	270	0	14.77	14.89	14.82		
100	QPSK	1	1	14.95	14.98	14.93	16.5	0.0
100	QPSK	1	137	14.85	14.86	14.82		
100	QPSK	1	271	14.81	14.87	14.79		
100	QPSK	135	0	14.81	14.79	14.77	16.5	0.0
100	QPSK	135	69	14.90	14.93	14.82	16.5	0.0
100	QPSK	135	138	14.78	14.79	14.81	16.5	0.0
100	QPSK	270	0	14.86	14.89	14.85		
100	16QAM	1	1	14.79	14.85	14.84	16.5	0.0
100	64QAM	1	1	14.85	14.80	14.80	16.5	0.0
100	256QAM	1	1	14.78	14.79	14.84	16.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.81	14.84	14.83	16.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	14.75	14.80	14.78	16.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.76	14.82	14.72	16.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	14.80	14.79	14.79	16.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.84	14.83	14.79	16.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.74	14.79	14.82	16.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.78	14.80	14.76	16.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	14.79	14.80	14.83	16.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	14.77	14.82	14.77	16.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.83	14.83	14.74	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		11.68		13.5	0.0
100	PI/2 BPSK	1	137		11.68			
100	PI/2 BPSK	1	271		11.68			
100	PI/2 BPSK	135	0		11.71		13.5	0.0
100	PI/2 BPSK	135	69		11.69		13.5	0.0
100	PI/2 BPSK	135	138		11.79		13.5	0.0
100	PI/2 BPSK	270	0		11.70			
100	QPSK	1	1		11.86		13.5	0.0
100	QPSK	1	137		11.63			
100	QPSK	1	271		11.67			
100	QPSK	135	0		11.72		13.5	0.0
100	QPSK	135	69		11.78		13.5	0.0
100	QPSK	135	138		11.69		13.5	0.0
100	QPSK	270	0		11.77			
100	16QAM	1	1		11.78		13.5	0.0
100	64QAM	1	1		11.68		13.5	0.0
100	256QAM	1	1		11.73		13.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	11.73	11.80	11.78	13.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	11.73	11.84	11.74	13.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	11.76	11.77	11.81	13.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	11.79	11.80	11.73	13.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	11.77	11.84	11.81	13.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	11.72	11.85	11.78	13.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	11.75	11.76	11.72	13.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	11.79	11.76	11.78	13.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	11.70	11.83	11.73	13.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	11.81	11.78	11.71	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		14.69		16.5	0.0
100	PI/2 BPSK	1	137		14.81			
100	PI/2 BPSK	1	271		14.75			
100	PI/2 BPSK	135	0		14.74		16.5	0.0
100	PI/2 BPSK	135	69		14.77		16.5	0.0
100	PI/2 BPSK	135	138		14.71		16.5	0.0
100	PI/2 BPSK	270	0		14.76			
100	QPSK	1	1		14.86		16.5	0.0
100	QPSK	1	137		14.76			
100	QPSK	1	271		14.72			
100	QPSK	135	0		14.68		16.5	0.0
100	QPSK	135	69		14.81		16.5	0.0
100	QPSK	135	138		14.65		16.5	0.0
100	QPSK	270	0		14.80			
100	16QAM	1	1		14.78		16.5	0.0
100	64QAM	1	1		14.69		16.5	0.0
100	256QAM	1	1		14.70		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	14.82	14.77	14.75	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	14.75	14.85	14.76	16.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.81	14.83	14.84	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	14.82	14.83	14.84	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	14.76	14.78	14.74	16.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.79	14.83	14.77	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	14.77	14.85	14.83	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	14.75	14.84	14.76	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	14.78	14.79	14.80	16.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.81	14.79	14.78	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.45	14.41	14.33	15.4	0.0
100	PI/2 BPSK	1	137	14.42	14.42	14.36		
100	PI/2 BPSK	1	271	14.36	14.46	14.36		
100	PI/2 BPSK	135	0	14.38	14.42	14.33	15.4	0.0
100	PI/2 BPSK	135	69	14.38	14.41	14.39	15.4	0.0
100	PI/2 BPSK	135	138	14.40	14.46	14.43	15.4	0.0
100	PI/2 BPSK	270	0	14.35	14.41	14.40		
100	QPSK	1	1	14.59	14.62	14.58	15.4	0.0
100	QPSK	1	137	14.34	14.38	14.37		
100	QPSK	1	271	14.41	14.39	14.35		
100	QPSK	135	0	14.38	14.46	14.42	15.4	0.0
100	QPSK	135	69	14.55	14.58	14.53	15.4	0.0
100	QPSK	135	138	14.42	14.40	14.36	15.4	0.0
100	QPSK	270	0	14.44	14.51	14.41		
100	16QAM	1	1	14.40	14.37	14.42	15.4	0.0
100	64QAM	1	1	14.43	14.46	14.33	15.4	0.0
100	256QAM	1	1	14.40	14.40	14.38	15.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.39	14.38	14.38	15.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	14.46	14.39	14.42	15.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.35	14.47	14.40	15.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	14.35	14.42	14.34	15.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.37	14.48	14.33	15.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.41	14.37	14.38	15.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.41	14.41	14.41	15.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	14.41	14.42	14.39	15.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	14.44	14.45	14.43	15.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.46	14.47	14.39	15.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.41	17.43	17.49	18.4	0.0
100	PI/2 BPSK	1	137	17.48	17.53	17.45		
100	PI/2 BPSK	1	271	17.45	17.48	17.37		
100	PI/2 BPSK	135	0	17.49	17.51	17.45	18.4	0.0
100	PI/2 BPSK	135	69	17.43	17.47	17.38	18.4	0.0
100	PI/2 BPSK	135	138	17.46	17.50	17.47	18.4	0.0
100	PI/2 BPSK	270	0	17.49	17.52	17.46		
100	QPSK	1	1	17.62	17.66	17.64	18.4	0.0
100	QPSK	1	137	17.49	17.48	17.47		
100	QPSK	1	271	17.48	17.46	17.48		
100	QPSK	135	0	17.47	17.52	17.40	18.4	0.0
100	QPSK	135	69	17.60	17.63	17.58	18.4	0.0
100	QPSK	135	138	17.42	17.43	17.43	18.4	0.0
100	QPSK	270	0	17.54	17.56	17.46		
100	16QAM	1	1	17.40	17.51	17.49	18.4	0.0
100	64QAM	1	1	17.46	17.50	17.39	18.4	0.0
100	256QAM	1	1	17.49	17.43	17.47	18.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.44	17.45	17.44	18.4	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	17.45	18.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.46	17.44	17.49	18.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.46	17.50	17.48	18.4	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	17.46	17.46	18.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.43	17.51	17.40	18.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.42	17.42	17.37	18.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.43	17.43	17.48	18.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.43	17.52	17.38	18.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.45	17.43	17.44	18.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		14.32		15.4	0.0
100	PI/2 BPSK	1	137		14.31			
100	PI/2 BPSK	1	271		14.33			
100	PI/2 BPSK	135	0		14.35		15.4	0.0
100	PI/2 BPSK	135	69		14.31		15.4	0.0
100	PI/2 BPSK	135	138		14.34		15.4	0.0
100	PI/2 BPSK	270	0		14.35			
100	QPSK	1	1		14.57		15.4	0.0
100	QPSK	1	137		14.25			
100	QPSK	1	271		14.26			
100	QPSK	135	0		14.40		15.4	0.0
100	QPSK	135	69		14.45		15.4	0.0
100	QPSK	135	138		14.32		15.4	0.0
100	QPSK	270	0		14.41			
100	16QAM	1	1		14.29		15.4	0.0
100	64QAM	1	1		14.41		15.4	0.0
100	256QAM	1	1		14.32		15.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	14.25	14.23	14.28	15.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	14.35	14.24	14.31	15.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.28	14.25	14.32	15.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.26	14.27	14.30	15.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	14.24	14.35	14.34	15.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.26	14.23	14.30	15.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	14.29	14.34	14.31	15.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.32	14.34	14.31	15.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	14.36	14.27	14.28	15.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.35	14.35	14.27	15.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.37		18.4	0.0
100	PI/2 BPSK	1	137		17.41			
100	PI/2 BPSK	1	271		17.34			
100	PI/2 BPSK	135	0		17.47		18.4	0.0
100	PI/2 BPSK	135	69		17.34		18.4	0.0
100	PI/2 BPSK	135	138		17.42		18.4	0.0
100	PI/2 BPSK	270	0		17.41			
100	QPSK	1	1		17.57		18.4	0.0
100	QPSK	1	137		17.35			
100	QPSK	1	271		17.42			
100	QPSK	135	0		17.47		18.4	0.0
100	QPSK	135	69		17.55		18.4	0.0
100	QPSK	135	138		17.31		18.4	0.0
100	QPSK	270	0		17.52			
100	16QAM	1	1		17.42		18.4	0.0
100	64QAM	1	1		17.44		18.4	0.0
100	256QAM	1	1		17.32		18.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.41	17.39	17.40	18.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.29	17.31	17.30	18.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.31	17.36	17.39	18.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.36	17.33	17.32	18.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.38	17.33	17.41	18.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.34	17.35	17.38	18.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.33	17.40	17.34	18.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.34	17.35	17.37	18.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.34	17.39	17.40	18.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.31	17.31	17.38	18.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.03	20.05	20.13	21.3	0.0
100	PI/2 BPSK	1	137	20.05	20.06	20.06		
100	PI/2 BPSK	1	271	20.09	20.12	20.06		
100	PI/2 BPSK	135	0	20.07	20.16	20.02	21.3	0.0
100	PI/2 BPSK	135	69	20.01	20.09	20.10	21.3	0.0
100	PI/2 BPSK	135	138	20.08	20.04	20.10	21.3	0.0
100	PI/2 BPSK	270	0	20.07	20.11	20.10		
100	QPSK	1	1	20.20	20.25	20.22	21.3	0.0
100	QPSK	1	137	20.00	20.11	20.03		
100	QPSK	1	271	20.07	20.05	20.06		
100	QPSK	135	0	20.04	20.12	20.06	21.3	0.0
100	QPSK	135	69	20.17	20.21	20.08	21.3	0.0
100	QPSK	135	138	20.01	20.04	20.06	21.3	0.0
100	QPSK	270	0	20.07	20.15	20.09		
100	16QAM	1	1	20.08	20.11	20.07	21.3	0.0
100	64QAM	1	1	20.01	20.07	20.08	21.3	0.0
100	256QAM	1	1	18.42	18.45	18.40	19.5	1.8
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.09	20.06	20.13	21.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.02	20.09	20.02	21.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.09	20.05	20.02	21.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.10	20.05	20.06	21.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.01	20.07	20.13	21.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.08	20.12	20.09	21.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.04	20.12	20.02	21.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.00	20.11	20.08	21.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.11	20.05	20.11	21.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.11	20.14	20.06	21.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.18	23.21	23.17	24.3	0.0
100	PI/2 BPSK	1	137	23.08	23.20	23.12		
100	PI/2 BPSK	1	271	23.15	23.10	23.09		
100	PI/2 BPSK	135	0	23.17	23.11	23.06	24.3	0.0
100	PI/2 BPSK	135	69	23.08	23.13	23.10	24.3	0.0
100	PI/2 BPSK	135	138	23.12	23.11	23.07	24.3	0.0
100	PI/2 BPSK	270	0	23.08	23.13	23.10		
100	QPSK	1	1	23.28	23.31	23.26	24.3	0.0
100	QPSK	1	137	23.10	23.10	23.17		
100	QPSK	1	271	23.11	23.20	23.16		
100	QPSK	135	0	23.15	23.18	23.06	24.3	0.0
100	QPSK	135	69	23.23	23.27	23.24	24.3	0.0
100	QPSK	135	138	23.13	23.20	23.09	24.3	0.0
100	QPSK	270	0	23.22	23.25	23.22		
100	16QAM	1	1	23.19	23.13	23.10	24.3	0.0
100	64QAM	1	1	23.12	23.12	23.16	24.3	0.0
100	256QAM	1	1	21.37	21.43	21.42	22.4	1.9
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.14	23.18	23.07	24.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.12	23.21	23.08	24.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.15	23.14	23.11	24.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.15	23.20	23.13	24.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.14	23.12	23.16	24.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.11	23.15	23.12	24.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.09	23.13	23.06	24.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.14	23.19	23.17	24.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.10	23.18	23.13	24.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.17	23.14	23.08	24.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.93		21.3	0.0
100	PI/2 BPSK	1	137		19.99			
100	PI/2 BPSK	1	271		19.95			
100	PI/2 BPSK	135	0		20.05		21.3	0.0
100	PI/2 BPSK	135	69		19.91		21.3	0.0
100	PI/2 BPSK	135	138		19.95		21.3	0.0
100	PI/2 BPSK	270	0		20.02			
100	QPSK	1	1		20.08		21.3	0.0
100	QPSK	1	137		20.04			
100	QPSK	1	271		19.95			
100	QPSK	135	0		20.02		21.3	0.0
100	QPSK	135	69		20.08		21.3	0.0
100	QPSK	135	138		19.87		21.3	0.0
100	QPSK	270	0		20.00			
100	16QAM	1	1		19.99		21.3	0.0
100	64QAM	1	1		19.97		21.3	0.0
100	256QAM	1	1		18.31		19.5	1.8
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.02	19.98	19.97	21.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.03	19.89	19.96	21.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.94	19.92	20.05	21.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.00	19.93	20.06	21.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.91	19.89	20.02	21.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.94	19.91	20.01	21.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.91	19.90	20.02	21.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.93	19.96	20.06	21.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.98	19.96	20.07	21.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.02	19.96	20.03	21.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.12		24.3	0.0
100	PI/2 BPSK	1	137		23.07			
100	PI/2 BPSK	1	271		22.93			
100	PI/2 BPSK	135	0		23.03		24.3	0.0
100	PI/2 BPSK	135	69		23.06		24.3	0.0
100	PI/2 BPSK	135	138		22.99		24.3	0.0
100	PI/2 BPSK	270	0		22.98			
100	QPSK	1	1		23.20		24.3	0.0
100	QPSK	1	137		23.04			
100	QPSK	1	271		23.02			
100	QPSK	135	0		23.09		24.3	0.0
100	QPSK	135	69		23.15		24.3	0.0
100	QPSK	135	138		23.03		24.3	0.0
100	QPSK	270	0		23.08			
100	16QAM	1	1		23.05		24.3	0.0
100	64QAM	1	1		23.04		24.3	0.0
100	256QAM	1	1		21.30		22.4	1.9
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.08	23.06	22.94	24.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.98	23.10	23.00	24.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.06	23.08	22.90	24.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.02	23.06	22.89	24.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.99	23.09	23.01	24.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.97	23.01	22.90	24.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.01	23.01	22.90	24.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.07	23.02	22.90	24.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.00	23.11	22.90	24.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.99	23.02	22.94	24.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.72	19.74	19.72		
40	PI/2 BPSK	1	53	19.78	19.83	19.84	21.3	0.0
40	PI/2 BPSK	1	104	19.77	19.76	19.73		
40	PI/2 BPSK	50	0	19.82	19.75	19.83	21.3	0.0
40	PI/2 BPSK	50	28	19.73	19.71	19.74	21.3	0.0
40	PI/2 BPSK	50	56	19.75	19.74	19.76	21.3	0.0
40	PI/2 BPSK	100	0	19.85	19.76	19.71		
40	QPSK	1	1	19.88	19.94	19.87		
40	QPSK	1	53	19.69	19.78	19.69	21.3	0.0
40	QPSK	1	104	19.81	19.77	19.78		
40	QPSK	50	0	19.85	19.76	19.67	21.3	0.0
40	QPSK	50	28	19.82	19.92	19.76	21.3	0.0
40	QPSK	50	56	19.80	19.78	19.83	21.3	0.0
40	QPSK	100	0	19.78	19.81	19.80		
40	16QAM	1	1	19.74	19.73	19.78	21.3	0.0
40	64QAM	1	1	19.70	19.80	19.78	21.3	0.0
40	256QAM	1	1	18.02	18.09	17.99	19.5	1.8
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.78	19.82	19.74	21.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.80	19.83	19.74	21.3	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.80	19.83	19.82	21.3	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.75	19.90	19.78	21.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.85	19.88	19.85		
100	PI/2 BPSK	1	137	19.89	19.87	19.87	21.3	0.0
100	PI/2 BPSK	1	271	19.84	19.87	19.82		
100	PI/2 BPSK	135	0	19.88	19.87	19.87	21.3	0.0
100	PI/2 BPSK	135	69	19.83	19.85	19.87	21.3	0.0
100	PI/2 BPSK	135	138	19.82	19.83	19.83	21.3	0.0
100	PI/2 BPSK	270	0	19.91	19.89	19.84		
100	QPSK	1	1	19.98	20.00	19.95		
100	QPSK	1	137	19.84	19.86	19.83	21.3	0.0
100	QPSK	1	271	19.87	19.84	19.83		
100	QPSK	135	0	19.91	19.82	19.81	21.3	0.0
100	QPSK	135	69	19.93	19.95	19.83	21.3	0.0
100	QPSK	135	138	19.90	19.85	19.88	21.3	0.0
100	QPSK	270	0	19.86	19.93	19.92		
100	16QAM	1	1	19.83	19.82	19.83	21.3	0.0
100	64QAM	1	1	19.80	19.87	19.83	21.3	0.0
100	256QAM	1	1	18.15	18.15	18.10	19.5	1.8
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.88	19.86	19.87	21.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.83	19.83	19.78	21.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.87	19.88	19.86	21.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.87	19.82	19.76	21.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.86	19.86	19.87	21.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.89	19.89	19.80	21.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.87	19.87	19.79	21.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.81	19.87	19.83	21.3	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.85	19.83	19.83	21.3	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.83	19.87	19.79	21.3	0.0

Reduced Power Mode for Other PA DSI7

n2 Ant 1 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	13.18	13.30	13.13	14.5	0.0
20	PI/2 BPSK	1	53	13.22	13.20	13.20		
20	PI/2 BPSK	1	104	13.15	13.25	13.23		
20	PI/2 BPSK	50	0	13.30	13.21	13.24	14.5	0.0
20	PI/2 BPSK	50	28	13.35	13.24	13.21	14.5	0.0
20	PI/2 BPSK	50	56	13.32	13.19	13.11	14.5	0.0
20	PI/2 BPSK	100	0	13.29	13.19	13.18		
20	QPSK	1	1	13.32	13.41	13.36	14.5	0.0
20	QPSK	1	53	13.17	13.21	13.25		
20	QPSK	1	104	13.36	13.25	13.24		
20	QPSK	50	0	13.26	13.33	13.31	14.5	0.0
20	QPSK	50	28	13.31	13.37	13.33	14.5	0.0
20	QPSK	50	56	13.24	13.36	13.18	14.5	0.0
20	QPSK	100	0	13.22	13.39	13.18		
20	16QAM	1	1	13.28	13.19	13.27	14.5	0.0
20	64QAM	1	1	13.36	13.25	13.22	14.5	0.0
20	256QAM	1	1	13.17	13.31	13.13	14.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	13.26	13.27	13.25	14.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	13.17	13.26	13.27	14.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	13.23	13.35	13.27	14.5	0.0

n7 Ant 1 DSI7

BW [MHz]	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	11.37	11.43	11.28	12.8	0.0
40	PI/2 BPSK	1	108	11.44	11.31	11.25		
40	PI/2 BPSK	1	214	11.38	11.41	11.38		
40	PI/2 BPSK	108	0	11.42	11.48	11.33	12.8	0.0
40	PI/2 BPSK	108	54	11.37	11.41	11.33	12.8	0.0
40	PI/2 BPSK	108	108	11.47	11.36	11.28	12.8	0.0
40	PI/2 BPSK	216	0	11.33	11.41	11.39		
40	QPSK	1	1	11.52	11.54	11.39	12.8	0.0
40	QPSK	1	108	11.45	11.37	11.33		
40	QPSK	1	214	11.32	11.35	11.32		
40	QPSK	108	0	11.27	11.36	11.40	12.8	0.0
40	QPSK	108	54	11.44	11.50	11.47	12.8	0.0
40	QPSK	108	108	11.34	11.40	11.38	12.8	0.0
40	QPSK	216	0	11.36	11.45	11.37		
40	16QAM	1	1	11.29	11.40	11.37	12.8	0.0
40	64QAM	1	1	11.40	11.41	11.29	12.8	0.0
40	256QAM	1	1	11.35	11.39	11.34	12.8	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	11.41	11.39	11.28	12.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	11.39	11.49	11.23	12.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	11.39	11.43	11.23	12.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	11.45	11.48	11.24	12.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	11.45	11.48	11.22	12.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	11.47	11.46	11.30	12.8	0.0

n66 Ant 1 DSI7

BW [MHz]	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	13.40	13.37	13.37	15.0	0.0
40	PI/2 BPSK	1	108	13.42	13.45	13.38		
40	PI/2 BPSK	1	214	13.46	13.48	13.32		
40	PI/2 BPSK	108	0	13.34	13.41	13.40	15.0	0.0
40	PI/2 BPSK	108	54	13.35	13.42	13.40	15.0	0.0
40	PI/2 BPSK	108	108	13.46	13.40	13.28	15.0	0.0
40	PI/2 BPSK	216	0	13.30	13.46	13.40		
40	QPSK	1	1	13.56	13.60	13.52	15.0	0.0
40	QPSK	1	108	13.30	13.37	13.31		
40	QPSK	1	214	13.44	13.45	13.41		
40	QPSK	108	0	13.38	13.47	13.36	15.0	0.0
40	QPSK	108	54	13.52	13.54	13.46	15.0	0.0
40	QPSK	108	108	13.31	13.49	13.46	15.0	0.0
40	QPSK	216	0	13.46	13.56	13.33		
40	16QAM	1	1	13.41	13.41	13.47	15.0	0.0
40	64QAM	1	1	13.42	13.45	13.46	15.0	0.0
40	256QAM	1	1	13.43	13.40	13.40	15.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	13.48	13.50	13.43	15.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	13.46	13.48	13.39	15.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	13.45	13.47	13.40	15.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	13.43	13.54	13.37	15.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	13.47	13.55	13.36	15.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	13.50	13.46	13.42	15.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	13.47	13.45	13.41	15.0	0.0

n2 Ant 2 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.34	19.47	19.48	20.4	0.0
20	PI/2 BPSK	1	53	19.40	19.51	19.42		
20	PI/2 BPSK	1	104	19.41	19.53	19.45		
20	PI/2 BPSK	50	0	19.39	19.38	19.39	20.4	0.0
20	PI/2 BPSK	50	28	19.42	19.44	19.51	20.4	0.0
20	PI/2 BPSK	50	56	19.39	19.37	19.38	20.4	0.0
20	PI/2 BPSK	100	0	19.38	19.48	19.45		
20	QPSK	1	1	19.53	19.64	19.58	20.4	0.0
20	QPSK	1	53	19.38	19.41	19.43		
20	QPSK	1	104	19.51	19.44	19.47		
20	QPSK	50	0	19.39	19.37	19.47	20.4	0.0
20	QPSK	50	28	19.49	19.56	19.50	20.4	0.0
20	QPSK	50	56	19.36	19.44	19.40	20.4	0.0
20	QPSK	100	0	19.42	19.47	19.43		
20	16QAM	1	1	19.34	19.48	19.51	20.4	0.0
20	64QAM	1	1	19.34	19.44	19.44	20.4	0.0
20	256QAM	1	1	17.77	17.83	17.83	18.5	1.9
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.45	19.59	19.48	20.4	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.39	19.58	19.44	20.4	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.45	19.55	19.46	20.4	0.0

n66 Ant 2 DSI7

BW [MHz]	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	18.70	18.73	18.70	20.2	0.0
40	PI/2 BPSK	1	108	18.70	18.74	18.71		
40	PI/2 BPSK	1	214	18.71	18.70	18.78		
40	PI/2 BPSK	108	0	18.61	18.76	18.65	20.2	0.0
40	PI/2 BPSK	108	54	18.71	18.68	18.73	20.2	0.0
40	PI/2 BPSK	108	108	18.71	18.67	18.77	20.2	0.0
40	PI/2 BPSK	216	0	18.60	18.80	18.71		
40	QPSK	1	1	18.90	18.94	18.89	20.2	0.0
40	QPSK	1	108	18.73	18.74	18.64		
40	QPSK	1	214	18.65	18.63	18.74		
40	QPSK	108	0	18.71	18.81	18.68	20.2	0.0
40	QPSK	108	54	18.81	18.90	18.81	20.2	0.0
40	QPSK	108	108	18.75	18.81	18.65	20.2	0.0
40	QPSK	216	0	18.70	18.88	18.86		
40	16QAM	1	1	18.62	18.74	18.76	20.2	0.0
40	64QAM	1	1	18.64	18.77	18.66	20.2	0.0
40	256QAM	1	1	17.22	17.26	17.25	18.5	1.7
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.77	18.79	18.81	20.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.77	18.88	18.74	20.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.82	18.89	18.82	20.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.83	18.87	18.73	20.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.77	18.87	18.78	20.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.74	18.83	18.79	20.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.81	18.82	18.73	20.2	0.0

				Ant 6 Full power Extremly Standalone		Ant 3 Full power Extremly Standalone		Ant 6+3 Full power Extremly Standalone		Ant 6 Head Standalone		Ant 3 Head Standalone		Ant 6+3 Head Standalone		Ant 6 Head Simultaneous		Ant 3 Head Simultaneous		Ant 6+3 Head Simultaneous		Ant 6 Body-worn Standalone		Ant 3 Body-worn Standalone		Ant 6+3 Body-worn Standalone		Ant 6 Body-worn Simultaneous	
	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	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.23	20.00	17.47	19.00	20.88	22.50	14.36	16.00	13.56	15.00	16.99	18.50	8.66	10.50	8.15	9.50	11.52	13.00	17.98	19.50	17.19	18.50	20.40	22.00	12.23	14.00
		6	2437	19.03	20.50	18.69	20.50	21.87	23.50	14.12	16.00	13.69	15.00	16.92	18.50	8.54	10.50	8.27	9.50	11.42	13.00	17.71	19.50	17.22	18.50	20.38	22.00	12.05	14.00
		11	2462	19.59	21.00	18.83	20.50	22.24	24.00	14.22	16.00	13.51	15.00	16.89	18.50	8.62	10.50	8.09	9.50	11.38	13.00	17.80	19.50	17.08	18.50	20.32	22.00	12.12	14.00
	802.11g 6Mbps	1	2412	16.80	18.50	16.18	18.00	19.56	21.00	14.10	16.00	13.21	15.00	16.75	18.50		10.50		9.50		13.00	16.89	18.50	16.18	18.00	19.56	21.00		14.00
		6	2437	19.80	21.50	19.07	20.50	22.46	24.00	14.21	16.00	13.25	15.00	16.72	18.50		10.50		9.50		13.00	17.75	19.50	17.22	18.50	20.26	22.00		14.00
		10	2457	17.92	19.50	18.37	20.00	21.16	23.00	14.15	16.00	13.16	15.00	16.68	18.50		10.50		9.50		13.00	17.72	19.50	17.17	18.50	20.11	22.00		14.00
		11	2462	12.11	14.00	11.43	13.00	14.79	16.50	12.11	14.00	11.43	13.00	14.79	16.50		10.50		9.50		13.00	12.11	14.00	11.43	13.00	14.79	16.50		14.00
	802.11n-HT20 MCS0	1	2412	15.92	17.50	15.55	17.00	18.75	20.50		16.00		15.00		18.50		10.50		9.50		13.00		17.50		17.00		20.50		14.00
		2	2417	14.59	16.00	15.09	16.50	17.86	19.50		16.00		15.00		18.50		10.50		9.50		13.00		16.00		16.50		19.50		14.00
		3	2422	17.67	19.00	18.20	20.00	20.95	22.50		16.00		15.00		18.50		10.50		9.50		13.00		19.00		18.50		22.00		14.00
		6	2437	19.49	21.00	18.74	20.50	22.14	24.00		16.00		15.00		18.50		10.50		9.50		13.00		19.50		18.50		22.00		14.00
		8	2447	18.06	19.50	18.48	20.00	21.29	23.00		16.00		15.00		18.50		10.50		9.50		13.00		19.50		18.50		22.00		14.00
		11	2462	10.16	11.50	9.45	11.00	12.83	14.50		11.50		11.00		14.50		10.50		9.50		13.00		11.50		11.00		14.50		11.50
	802.11n-HT40 MCS0	3	2422	11.41	13.00	11.17	13.00	14.30	16.00		13.00		13.00		16.00		10.50		9.50		13.00		13.00		13.00		16.00		13.00
		6	2437	13.12	14.50	12.05	13.50	15.63	17.00		14.50		13.50		17.00	Not Required	10.50	Not Required	9.50	Not Required	13.00		14.50		13.50		17.00	Not Required	14.00
		8	2447	10.39	12.00	10.66	12.50	13.54	15.00		12.00		12.50		15.00		10.50		9.50		13.00		12.00		12.50		15.00		12.00
		9	2452	8.82	10.50	8.72	10.50	11.78	13.50	Not Required	10.50	Not Required	10.50	Not Required	13.50		10.50		9.50		13.00	Not Required	10.50	Not Required	10.50	Not Required	13.50		10.50
	802.11ax-HE20 MCS0	1	2412	16.01	17.50	15.63	17.50	18.83	20.50		16.00		15.00		18.50		10.50		9.50		13.00		17.50		17.50		20.50		14.00
		2	2417	14.64	16.00	15.12	17.00	17.90	19.50		16.00		15.00		18.50		10.50		9.50		13.00		16.00		17.00		19.50		14.00
		3	2422	17.71	19.50	18.25	20.00	21.00	22.50		16.00		15.00		18.50		10.50		9.50		13.00		19.50		18.50		22.00		14.00
		6	2437	19.54	21.00	18.84	20.50	22.21	24.00		16.00		15.00		18.50		10.50		9.50		13.00		19.50		18.50		22.00		14.00
		8	2447	18.11	19.50	18.55	20.00	21.35	23.00		16.00		15.00		18.50		10.50		9.50		13.00		19.50		18.50		22.00		14.00
		11	2462	10.24	12.00	9.55	11.00	12.92	14.50		12.00		11.00		14.50		10.50		9.50		13.00		12.00		11.00		14.50		12.00
	802.11ax-HE40 MCS0	3	2422	11.48	13.00	11.25	13.00	14.38	16.00		13.00		13.00		16.00		10.50		9.50		13.00		13.00		13.00		16.00		13.00
		6	2437	13.23	15.00	12.16	14.00	15.74	17.50		15.00		14.00		17.50		10.50		9.50		13.00		15.00		14.00		17.50		14.00
		8	2447	10.45	12.00	10.78	12.50	13.63	15.00		12.00		12.50		15.00		10.50		9.50		13.00		12.00		12.50		15.00		12.00
		9	2452	8.91	10.50	8.79	10.50	11.86	13.50		10.50		10.50		13.50		10.50		9.50		13.00		10.50		10.50		13.50		10.50

				Ant 5 Full power		Ant 4 Full power		Ant 5+4 Full power		Ant 5 Head Standalone		Ant 4 Head Standalone		Ant 5+4 Head Standalone		Ant 5 Head Simultaneous		Ant 4 Head Simultaneous		Ant 5+4 Head Simultaneous		Ant 5 Body-worn Standalone		Ant 4 Body-worn Standalone		Ant 5+4 Body-worn Standalone		Ant 5 Body-worn Simultaneous	
	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	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.08	17.50	17.61	19.00	19.92	21.50		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50
		40	5200	17.68	19.50	18.66	20.50	21.21	23.00		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50
		44	5220	17.93	19.50	18.68	20.50	21.33	23.00		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50
		48	5240	18.20	20.00	18.73	20.50	21.48	23.00		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50
	802.11n-HT20 MCS0	36	5180	16.03	17.50	17.29	19.00	19.72	21.50		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50
		40	5200	18.56	20.00	19.27	21.00	21.94	23.50		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50
		44	5220	18.43	20.00	18.80	20.50	21.63	23.50		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50
		48	5240	18.61	20.00	19.11	21.00	21.88	23.50		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50
	802.11n-HT40 MCS0	38	5190	15.75	17.50	16.39	18.00	19.09	20.50	Not Required	14.50	Not Required	15.00	Not Required	17.50	Not Required	9.50	Not Required	10.00	Not Required	12.50	Not Required	15.50	Not Required	16.00	Not Required	18.50	Not Required	10.50
		46	5230	18.12	20.00	18.36	20.00	21.25	23.00		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50
	802.11ac-VHT20 MCS0	36	5180	16.04	17.50	17.30	19.00	19.73	21.50		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50
		40	5200	18.66	20.00	19.32	21.00	22.01	23.50		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50
		44	5220	18.45	20.00	18.84	20.50	21.66	23.50		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50
		48	5240	18.65	20.00	19.16	21.00	21.92	23.50		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50
	802.11ac-VHT40 MCS0	38	5190	15.80	17.50	16.43	18.00	19.14	21.00		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50
		46	5230	18.18	20.00	18.42	20.00	21.31	23.00		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50
	802.11ac-VHT80 MCS0	42	5210	14.92	16.50	15.34	17.00	18.15	20.00	13.03	14.50	13.35	15.00	16.20	17.50	8.41	9.50	8.94	10.00	10.69	12.50	13.95	15.50	14.39	16.00	16.69	18.50	8.89	10.50
	802.11ax-HE20 MCS0	36	5180	16.22	18.00	17.36	19.00	19.84	21.50		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50
		40	5200	18.76	20.50	19.37	21.00	22.09	23.50		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50
		44	5220	18.48	20.00	18.87	20.50	21.69	23.50		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50
		48	5240	18.69	20.50	19.20	21.00	21.96	23.50	Not Required	14.50	Not Required	15.00	Not Required	17.50	Not Required	9.50	Not Required	10.00	Not Required	12.50	Not Required	15.50	Not Required	16.00	Not Required	18.50	Not Required	10.50
	802.11ax-HE40 MCS0	38	5190	15.86	17.50	16.48	18.00	19.19	21.00		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50
		46	5230	18.25	20.00	18.49	20.00	21.38	23.00		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50
	802.11ax-HE80 MCS0	42	5210	14.98	16.50	15.41	17.00	18.21	20.00		14.50		15.00		17.50		9.50		10.00		12.50		15.50		16.00		18.50		10.50

				Ant 5 Full power Extremly Standalone		Ant 4 Full power Extremly Standalone		Ant 5+4 Full power Extremly Standalone		Ant 5 Head Standalone		Ant 4 Head Standalone		Ant 5+4 Head Standalone		Ant 5 Head Simultaneous		Ant 4 Head Simultaneous		Ant 5+4 Head Simultaneous		Ant 5 Body-worn Standalone		Ant 4 Body-worn Standalone		Ant 5+4 Body-worn Standalone		Ant 5 Body-worn Simultaneous	
	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	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.35	20.00	18.74	20.50	21.56	23.50		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
		56	5280	18.49	20.00	18.67	20.50	21.59	23.50		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
		60	5300	18.55	20.00	18.75	20.50	21.66	23.50		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
		64	5320	17.21	19.00	17.50	19.00	20.37	22.00		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
	802.11n-HT20 MCS0	52	5260	18.68	20.50	18.87	20.50	21.79	23.50		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
		56	5280	18.78	20.50	18.81	20.50	21.81	23.50		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
		60	5300	19.04	20.50	18.96	20.50	22.01	23.50		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
		64	5320	17.38	19.00	17.42	19.00	20.41	22.00		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
	802.11n-HT40 MCS0	54	5270	18.50	20.00	18.21	20.00	21.37	23.00	Not Required	15.00	Not Required	15.00	Not Required	18.00	Not Required	10.00	Not Required	10.00	Not Required	13.00	Not Required	16.00	Not Required	16.00	Not Required	19.00	Not Required	11.00
		62	5310	17.21	19.00	16.92	18.50	20.08	21.50		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
	802.11ac-VHT20 MCS0	52	5260	18.74	20.50	18.90	20.50	21.83	23.50		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
		56	5280	18.83	20.50	18.85	20.50	21.85	23.50		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
		60	5300	19.08	20.50	19.02	20.50	22.06	23.50		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
		64	5320	17.41	19.00	17.47	19.00	20.45	22.00		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
	802.11ac-VHT40 MCS0	54	5270	18.55	20.00	18.26	20.00	21.42	23.00		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
		62	5310	17.21	19.00	16.94	18.50	20.09	21.50		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
	802.11ac-VHT80 MCS0	58	5290	15.30	17.00	15.43	17.00	18.38	20.00	13.59	15.00	13.41	15.00	16.51	18.00	9.09	10.00	8.96	10.00	12.04	13.00	14.06	16.00	14.45	16.00	17.02	19.00	9.08	11.00
	802.11ac-VHT160 MCS0	50	5250	13.92	15.50	14.44	16.00	17.2	19.00		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
	802.11ax-HE20 MCS0	52	5260	18.76	20.50	18.95	20.50	21.87	23.50		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
		56	5280	18.89	20.50	18.91	20.50	21.91	23.50		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
		60	5300	19.12	20.50	19.05	20.50	22.10	23.50		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
		64	5320	17.49	19.00	17.53	19.00	20.52	22.00	Not Required	15.00	Not Required	15.00	Not Required	18.00	Not Required	10.00	Not Required	10.00	Not Required	13.00	Not Required	16.00	Not Required	16.00	Not Required	19.00	Not Required	11.00
	802.11ax-HE40 MCS0	54	5270	18.62	20.00	18.35	20.00	21.50	23.00		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
		62	5310	17.29	19.00	17.01	18.50	20.16	21.50		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
	802.11ax-HE80 MCS0	58	5290	15.39	17.00	15.52	17.00	18.47	20.00		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00
	802.11ax-HE160 MCS0	50	5250	14.01	15.50	14.48	16.00	17.26	19.00		15.00		15.00		18.00		10.00		10.00		13.00		16.00		16.00		19.00		11.00

				Ant 5 Full power		Ant 4 Full power		Ant 5+4 Full power		Ant 5 Head Standalone		Ant 4 Head Standalone		Ant 5+4 Head Standalone		Ant 5 Head Simultaneous		Ant 4 Head Simultaneous		Ant 5+4 Head Simultaneous		Ant 5 Body-worn Standalone		Ant 4 Body-worn Standalone		Ant 5+4 Body-worn Standalone		Ant 5 Body-worn Simultaneous	
	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	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.02	19.50	18.65	20.00	21.36	23.00		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		116	5580	17.80	19.50	18.14	20.00	20.89	22.50		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		124	5620	17.61	19.50	18.00	19.50	20.82	22.50		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		132	5660	17.71	19.50	17.96	19.50	20.85	22.50		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		140	5700	17.71	19.50	18.11	20.00	20.93	22.50		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		144	5720	18.48	20.00	19.12	21.00	21.82	23.50		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
	802.11n-HT20 MCS0	100	5500	17.74	19.50	17.96	19.50	20.86	22.50		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		116	5580	17.96	19.50	18.47	20.00	21.23	23.00		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		124	5620	17.78	19.50	18.33	20.00	21.07	22.50		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		132	5660	17.79	19.50	18.33	20.00	21.08	22.50		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		140	5700	15.92	17.50	17.01	18.50	19.51	21.00		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		144	5720	18.42	20.00	19.69	21.00	22.11	23.50		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
	802.11n-HT40 MCS0	102	5510	16.94	18.50	17.15	19.00	20.06	21.50		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		110	5550	18.39	20.00	18.66	20.00	21.54	23.00	Not Required	11.50	Not Required	13.50	Not Required	15.50	Not Required	6.50	Not Required	8.50	Not Required	10.50	Not Required	13.00	Not Required	15.00	Not Required	17.00	Not Required	8.00
		126	5630	17.90	19.50	18.31	20.00	21.12	23.00		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		134	5670	16.62	18.50	18.03	19.50	20.39	22.00		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		142	5710	18.43	20.00	20.21	22.00	22.42	24.00		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
	802.11ac-VHT20 MCS0	100	5500	17.82	19.50	17.98	19.50	20.91	22.50		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		116	5580	18.00	19.50	18.49	20.00	21.26	23.00		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		124	5620	17.83	19.50	18.36	20.00	21.11	23.00		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		132	5660	17.85	19.50	18.37	20.00	21.13	23.00		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		140	5700	15.93	17.50	17.04	18.50	19.53	21.00		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		144	5720	18.45	20.00	19.75	21.50	22.16	24.00		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
	802.11ac-VHT40 MCS0	102	5510	16.99	18.50	17.16	19.00	20.09	21.50		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		110	5550	18.45	20.00	18.72	20.50	21.60	23.00		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		126	5630	17.98	19.50	18.40	20.00	21.21	23.00		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		134	5670	16.67	18.00	18.03	19.50	20.41	22.00		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
		142	5710	18.49	20.00	20.34	22.00	22.52	24.00		11.50		13.50		15.50		6.50		8.50		10.50		13.00		15.00		17.00		8.00
	802.11ac-VHT80 MCS0	106	5530	16.12	18.00	16.58	18.00	19.37	21.00	10.44	11.50	12.04	13.50	14.96

				Ant 3 Body-worn Simultaneous		Ant 6+3 Body-worn Simultaneous		Ant 6 Hotspot		Ant 3 Hotspot		Ant 6+3 Hotspot		Ant 6 Extremity Simultaneous		Ant 3 Extremity Simultaneous		Ant 6+3 Extremity Simultaneous		
	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	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	11.72	13.00	14.93	16.50	15.33	17.00	14.09	16.00	17.99	19.50	16.67	18.50	15.71	17.50	19.43	21.00	100
		6	2437	11.75	13.00	14.91	16.50	15.17	17.00	14.15	16.00	17.93	19.50	16.52	18.50	15.76	17.50	19.40	21.00	
		11	2462	11.61	13.00	14.84	16.50	15.20	17.00	14.04	16.00	17.89	19.50	16.62	18.50	15.53	17.50	19.37	21.00	
	802.11g 6Mbps	1	2412	Not Required	13.00	Not Required	16.50	Not Required	17.00	Not Required	16.00	Not Required	19.50	Not Required	18.50	Not Required	17.50	Not Required	21.00	98.97
		6	2437		13.00		16.50		17.00		16.00		19.50		18.50		17.50		21.00	
		10	2457		13.00		16.50		17.00		16.00		19.50		18.50		17.50		21.00	
		11	2462		13.00		16.50		14.00		13.00		16.50		14.00		13.00		16.50	
	802.11n-HT20 MCS0	1	2412		13.00		16.50		17.00		16.00		19.50		17.50		17.00		20.50	100
		2	2417		13.00		16.50		16.00		16.00		19.50		16.00		16.50		19.50	
		3	2422		13.00		16.50		17.00		16.00		19.50		18.50		17.50		21.00	
		6	2437		13.00		16.50		17.00		16.00		19.50		18.50		17.50		21.00	100
		8	2447		13.00		16.50		17.00		16.00		19.50		18.50		17.50		21.00	
		11	2462		11.00		14.50		11.50		11.00		14.50		11.50		11.00		14.50	
	802.11n-HT40 MCS0	3	2422		13.00		16.00		13.00		13.00		16.00		13.00		13.00		16.00	
		6	2437		13.00		16.50		14.50		13.50		17.00		14.50		13.50		17.00	100
		8	2447		12.50		15.00		12.00		12.50		15.00		12.00		12.50		15.00	
		9	2452		10.50		13.50		10.50		10.50		13.50		10.50		10.50		13.50	
	802.11ax-HE20 MCS0	1	2412		13.00		16.50		17.00		16.00		19.50		17.50		17.50		20.50	100
		2	2417		13.00		16.50		16.00		16.00		19.50		16.00		17.00		19.50	
		3	2422		13.00		16.50		17.00		16.00		19.50		18.50		17.50		21.00	
		6	2437		13.00		16.50		17.00		16.00		19.50		18.50		17.50		21.00	
		8	2447		13.00		16.50		17.00		16.00		19.50		18.50		17.50		21.00	
		11	2462		11.00		14.50		12.00		11.00		14.50		12.00		11.00		14.50	
	802.11ax-HE40 MCS0	3	2422		13.00		16.00		13.00		13.00		16.00		13.00		13.00		16.00	
		6	2437		13.00		16.50		15.00		14.00		17.50		15.00		14.00		17.50	100
		8	2447		12.50		15.00		12.00		12.50		15.00		12.00		12.50		15.00	
		9	2452		10.50		13.50		10.50		10.50		13.50		10.50		10.50		13.50	

				Ant 4 Body-worn Simultaneous		Ant 5+4 Body-worn Simultaneous		Ant 5 Hotspot		Ant 4 Hotspot		Ant 5+4 Hotspot		Ant 5 Extremity Standalone		Ant 4 Extremity Standalone		Ant 5+4 Extremity Standalone		Ant 5 Extremity Simultaneous		Ant 4 Extremity Simultaneous		Ant 5+4 Extremity Simultaneous		
	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	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	11.00	Not Required	13.50	Not Required	13.50	Not Required	14.00	Not Required	16.50	16.08	17.50	17.61	19.00	19.92	21.50	Not Required	16.00	Not Required	16.50	Not Required	19.00	98.91
		40	5200		11.00		13.50		13.50		14.00		16.50	17.68	19.50	18.66	20.50	21.21	23.00		16.00		16.50		19.00	
		44	5220		11.00		13.50		13.50		14.00		16.50	17.93	19.50	18.68	20.50	21.33	23.00		16.00		16.50		19.00	
		48	5240		11.00		13.50		13.50		14.00		16.50	18.20	20.00	18.73	20.50	21.48	23.00		16.00		16.50		19.00	
	802.11n-HT20 MCS0	36	5180		11.00		13.50		13.50		14.00		16.50		17.50		19.00		21.50		16.00		16.50		19.00	100
		40	5200		11.00		13.50		13.50		14.00		16.50	Not Required	20.00	Not Required	20.50	Not Required	23.00		16.00		16.50		19.00	
		44	5220		11.00		13.50		13.50		14.00		16.50		20.00		20.50		23.00		16.00		16.50		19.00	
		48	5240		11.00		13.50		13.50		14.00		16.50		20.00		20.50		23.00		16.00		16.50		19.00	
	802.11n-HT40 MCS0	38	5190		11.00		13.50		13.50		14.00		16.50	15.75	17.50	16.39	18.00	19.09	20.50		16.00		16.50		19.00	100
		46	5230		11.00		13.50		13.50		14.00		16.50	18.12	20.00	18.36	20.00	21.25	23.00		16.00		16.50		19.00	
	802.11ac-VHT20 MCS0	36	5180		11.00		13.50		13.50		14.00		16.50		17.50		19.00		21.50		16.00		16.50		19.00	100
		40	5200		11.00		13.50		13.50		14.00		16.50		20.00		20.50		23.00		16.00		16.50		19.00	
		44	5220		11.00		13.50		13.50		14.00		16.50		20.00		20.50		23.00		16.00		16.50		19.00	
		48	5240		11.00		13.50		13.50		14.00		16.50		20.00		20.50		23.00		16.00		16.50		19.00	
	802.11ac-VHT40 MCS0	38	5190		11.00		13.50		13.50		14.00		16.50		17.50		18.00		21.00		16.00		16.50		19.00	100
		46	5230		11.00		13.50		13.50		14.00		16.50		20.00		20.00		23.00		16.00		16.50		19.00	
	802.11ac-VHT80 MCS0	42	5210	9.41	11.00	11.67	13.50	11.95	13.50	12.36	14.00	14.67	16.50		16.50		17.00		20.00	14.66	16.00	14.82	16.50	17.25	19.00	100
	802.11ax-HE20 MCS0	36	5180		11.00		13.50		13.50		14.00		16.50		18.00		19.00		21.50		16.00		16.50		19.00	100
		40	5200		11.00		13.50		13.50		14.00		16.50		20.00		20.50		23.00		16.00		16.50		19.00	
		44	5220		11.00		13.50		13.50		14.00		16.50		20.00		20.50		23.00		16.00		16.50		19.00	
		48	5240	Not Required	11.00	Not Required	13.50	Not Required	13.50	Not Required	14.00	Not Required	16.50		20.00		20.50		23.00	Not Required	16.00	Not Required	16.50	Not Required	19.00	
	802.11ax-HE40 MCS0	38	5190		11.00		13.50		13.50		14.00		16.50		17.50		18.00		21.00		16.00		16.50		19.00	100
		46	5230		11.00		13.50		13.50		14.00		16.50		20.00		20.00		23.00		16.00		16.50		19.00	
	802.11ax-HE80 MCS0	42	5210		11.00		13.50		13.50		14.00		16.50		16.50		17.00		20.00		16.00		16.50		19.00	100

				Ant 4 Body-worn Simultaneous		Ant 5+4 Body-worn Simultaneous		Ant 5 Extremity Simultaneous		Ant 4 Extremity Simultaneous		Ant 5+4 Extremity Simultaneous		
	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	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not Required	11.00	Not Required	14.00	Not Required	16.50	Not Required	16.50	Not Required	19.50	98.91
		56	5280		11.00		14.00		16.50		16.50		19.50	
		60	5300		11.00		14.00		16.50		16.50		19.50	
		64	5320		11.00		14.00		16.50		16.50		19.50	
	802.11n-HT20 MCS0	52	5260		11.00		14.00		16.50		16.50		19.50	100
		56	5280		11.00		14.00		16.50		16.50		19.50	
		60	5300		11.00		14.00		16.50		16.50		19.50	
		64	5320		11.00		14.00		16.50		16.50		19.50	
	802.11n-HT40 MCS0	54	5270		11.00		14.00		16.50		16.50		19.50	100
		62	5310		11.00		14.00		16.50		16.50		19.50	
	802.11ac-VHT20 MCS0	52	5260		11.00		14.00		16.50		16.50		19.50	100
		56	5280		11.00		14.00		16.50		16.50		19.50	
		60	5300		11.00		14.00		16.50		16.50		19.50	
		64	5320		11.00		14.00		16.50		16.50		19.50	
	802.11ac-VHT40 MCS0	54	5270		11.00		14.00		16.50		16.50		19.50	100
		62	5310		11.00		14.00		16.50		16.50		19.50	
	802.11ac-VHT80 MCS0	58	5290	9.48	11.00	12.04	14.00	14.58	16.50	14.93	16.50	17.52	19.50	100
	802.11ac-VHT160 MCS0	50	5250		11.00		14.00		16.50		16.50		19.50	100
	802.11ax-HE20 MCS0	52	5260		11.00		14.00		16.50		16.50		19.50	100
		56	5280		11.00		14.00		16.50		16.50		19.50	
		60	5300		11.00		14.00		16.50		16.50		19.50	
		64	5320	Not Required	11.00	Not Required	14.00	Not Required	16.50	Not Required	16.50	Not Required	19.50	
	802.11ax-HE40 MCS0	54	5270		11.00		14.00		16.50		16.50		19.50	100
		62	5310		11.00		14.00		16.50		16.50		19.50	
	802.11ax-HE80 MCS0	58	5290		11.00		14.00		16.50		16.50		19.50	100
	802.11ax-HE160 MCS0	50	5250		11.00		14.00		16.50		16.50		19.50	100

				Ant 4 Body-worn Simultaneous		Ant 5+4 Body-worn Simultaneous		Ant 5 Extremity Standalone		Ant 4 Extremity Standalone		Ant 5+4 Extremity Standalone		Ant 5 Extremity Simultaneous		Ant 4 Extremity Simultaneous		Ant 5+4 Extremity Simultaneous		
	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	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not Required	10.00	Not Required	12.00	Not Required	18.50	Not Required	20.00	Not Required	22.50	Not Required	13.50	Not Required	15.50	Not Required	17.50	98.91
		116	5580		10.00		12.00		18.50		20.00		22.50		13.50		15.50		17.50	
		124	5620		10.00		12.00		18.50		19.50		22.50		13.50		15.50		17.50	
		132	5660		10.00		12.00		18.50		19.50		22.50		13.50		15.50		17.50	
		140	5700		10.00		12.00		18.50		20.00		22.50		13.50		15.50		17.50	
		144	5720		10.00		12.00		18.50		20.50		22.50		13.50		15.50		17.50	
	802.11n-HT20 MCS0	100	5500		10.00		12.00		18.50		19.50		22.50		13.50		15.50		17.50	100
		116	5580		10.00		12.00		18.50		20.00		22.50		13.50		15.50		17.50	
		124	5620		10.00		12.00		18.50		20.00		22.50		13.50		15.50		17.50	
		132	5660		10.00		12.00		18.50		20.00		22.50		13.50		15.50		17.50	
		140	5700		10.00		12.00		17.50		18.50		21.00		13.50		15.50		17.50	
		144	5720		10.00		12.00		18.50		20.50		22.50		13.50		15.50		17.50	
	802.11n-HT40 MCS0	102	5510		10.00		12.00	16.94	18.50	17.15	19.00	20.06	21.50		13.50		15.50		17.50	100
		110	5550		10.00		12.00	16.76	18.50	18.66	20.00	21.10	22.50		13.50		15.50		17.50	
		126	5630		10.00		12.00	16.90	18.50	18.31	20.00	21.01	22.50		13.50		15.50		17.50	
		134	5670		10.00		12.00	16.62	18.00	18.03	19.50	20.39	22.00		13.50		15.50		17.50	
		142	5710		10.00		12.00	16.92	18.50	18.87	20.50	21.14	22.50		13.50		15.50		17.50	
	802.11ac-VHT20 MCS0	100	5500		10.00		12.00		18.50		19.50		22.50		13.50		15.50		17.50	100
		116	5580		10.00		12.00		18.50		20.00		22.50		13.50		15.50		17.50	
		124	5620		10.00		12.00		18.50		20.00		22.50		13.50		15.50		17.50	
		132	5660		10.00		12.00		18.50		20.00		22.50		13.50		15.50		17.50	
		140	5700		10.00		12.00		17.50		18.50		21.00		13.50		15.50		17.50	
		144	5720		10.00		12.00		18.50		20.50		22.50		13.50		15.50		17.50	
	802.11ac-VHT40 MCS0	102	5510		10.00		12.00		18.50		19.00		21.50		13.50		15.50		17.50	100
		110	5550		10.00		12.00		18.50		20.50		22.50		13.50		15.50		17.50	
		126	5630		10.00		12.00		18.50		20.00		22.50		13.50		15.50		17.50	
		134	5670		10.00		12.00		18.00		19.50		22.00		13.50		15.50		17.50	
		142	5710		10.00		12.00		18.50		20.50		22.50		13.50		15.50		17.50	
	802.11ac-VHT80 MCS0	106	5530	8.35	10.00	11.21	12.00	16.12	18.00	16.58	18.00	19.37	21.00	12.94	13.50	14.11	15.50	16.69	17.50	100
		122	5610	8.26	10.00	10.89	12.00	16.70	18.50	18.01	19.50	20.63	22.00	12.61	13.50	14.09	15.50	16.37	17.50	
		138	5690	8.42	10.00	10.75	12.00	16.92	18.50	19.06	20.50	21.10	22.50	12.07	13.50	14.19	15.50	16.25	17.50	
	802.11ac-VHT160 MCS0	114	5570		10.00		12.00		17.50		18.00		21.00		13.50		15.50		17.50	100
	802.11ax-HE20 MCS0	100	5500		10.00		12.00		18.50		19.50		22.50		13.50		15.50		17.50	100
		116	5580		10.00		12.00		18.50		20.00		22.50		13.50		15.50		17.50	
		124	5620		10.00		12.00		18.50		20.00		22.50		13.50		15.50		17.50	
		132	5660		10.00		12.00		18.50		20.00		22.50		13.50		15.50		17.50	
		140	5700		10.00		12.00		17.50		19.00		21.50		13.50		15.50		17.50	
		144	5720		10.00		12.00		18.50		20.50		22.50		13.50		15.50		17.50	
	802.11ax-HE40 MCS0	102	5510	Not Required	10.00	Not Required	12.00	Not Required	18.50	Not Required	19.00	Not Required	21.50	Not Required	13.50	Not Required	15.50	Not Required	17.50	100
		110	5550		10.00		12.00		18.50		20.50		22.50		13.50		15.50		17.50	
		126	5630		10.00		12.00		18.50		20.00		22.50		13.50		15.50		17.50	
		134	5670		10.00		12.00		18.50		20.00		22.00		13.50		15.50		17.50	
		142	5710		10.00		12.00		18.50		20.50		22.50		13.50		15.50		17.50	
	802.11ax-HE80 MCS0	106	5530		10.00		12.00		18.00		18.00		21.00		13.50		15.50		17.50	100
		122	5610		10.00		12.00		18.50		19.50		22.50		13.50		15.50		17.50	
		138	5690		10.00		12.00		18.50		20.50		22.50		13.50		15.50		17.50	
	802.11ax-HE160 MCS0	114	5570		10.00		12.00		17.50		18.00		21.00		13.50		15.50		17.50	100

				Ant 5 Full power		Ant 4 Full power		Ant 5+4 Full power		Ant 5 Head Standalone		Ant 4 Head Standalone		Ant 5+4 Head Standalone		Ant 5 Head Simultaneous		Ant 4 Head Simultaneous		Ant 5+4 Head Simultaneous		Ant 5 Body-worn Standalone		Ant 4 Body-worn Standalone		Ant 5+4 Body-worn Standalone		Ant 5 Body-worn Simultaneous	
	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	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
5.8GHz WLAN	802.11a 6Mbps	149	5745	18.74	20.50	20.76	22.50	22.88	24.50		11.00		13.00		15.00		6.00		8.00		10.00		12.50		14.50		16.50		7.50
		157	5785	18.40	20.00	20.76	22.50	22.75	24.50		11.00		13.00		15.00		6.00		8.00		10.00		12.50		14.50		16.50		7.50
		165	5825	18.23	20.00	20.56	22.00	22.56	24.00		11.00		13.00		15.00		6.00		8.00		10.00		12.50		14.50		16.50		7.50
	802.11n-HT20 MCS0	149	5745	18.36	20.00	20.26	22.00	22.42	24.00		11.00		13.00		15.00		6.00		8.00		10.00		12.50		14.50		16.50		7.50
		157	5785	18.19	20.00	20.17	22.00	22.30	24.00		11.00		13.00		15.00		6.00		8.00		10.00		12.50		14.50		16.50		7.50
		165	5825	18.05	19.50	20.14	22.00	22.23	24.00		11.00		13.00		15.00		6.00		8.00		10.00		12.50		14.50		16.50		7.50
	802.11n-HT40 MCS0	151	5755	17.38	19.00	19.24	21.00	21.42	23.00	Not Required	11.00	Not Required	13.00	Not Required	15.00	Not Required	6.00	Not Required	8.00	Not Required	10.00	Not Required	12.50	Not Required	14.50	Not Required	16.50	Not Required	7.50
		159	5795	17.46	19.00	19.56	21.00	21.65	23.00		11.00		13.00		15.00		6.00		8.00		10.00		12.50		14.50		16.50		7.50
	802.11ac-VHT20 MCS0	149	5745	18.40	20.00	20.41	22.00	22.53	24.00		11.00		13.00		15.00		6.00		8.00		10.00		12.50		14.50		16.50		7.50
		157	5785	18.26	20.00	20.25	22.00	22.38	24.00		11.00		13.00		15.00		6.00		8.00		10.00		12.50		14.50		16.50		7.50
		165	5825	18.09	19.50	20.19	22.00	22.28	24.00		11.00		13.00		15.00		6.00		8.00		10.00		12.50		14.50		16.50		7.50
	802.11ac-VHT40 MCS0	151	5755	17.46	19.00	19.29	21.00	21.48	23.00		11.00		13.00		15.00		6.00		8.00		10.00		12.50		14.50		16.50		7.50
		159	5795	17.52	19.00	19.64	21.00	21.72	23.50		11.00		13.00		15.00		6.00		8.00		10.00		12.50		14.50		16.50		7.50
	802.11ac-VHT80 MCS0	155	5775	16.29	18.00	17.73	19.50	20.08	21.50	10.28	11.00	11.58	13.00	13.99	15.00	5.39	6.00	6.65	8.00	9.08	10.00	11.85	12.50	13.13	14.50	15.55	16.50	6.92	7.50
	802.11ax-HE20 MCS0	149	5745	18.47	20.00	20.53	22.00	22.63	24.00		11.00		13.00		15.00		6.00		8.00		10.00		12.50		14.50		16.50		7.50
		157	5785	18.31	20.00	20.43	22.00	22.51	24.00		11.00		13.00		15.00		6.00		8.00		10.00		12.50		14.50		16.50		7.50
		165	5825	18.15	20.00	20.30	22.00	22.37	24.00		11.00		13.00		15.00		6.00		8.00		10.00		12.50		14.50		16.50		7.50
	802.11ax-HE40 MCS0	151	5755	17.53	19.00	19.41	21.00	21.58	23.00	Not Required	11.00	Not Required	13.00	Not Required	15.00	Not Required	6.00	Not Required	8.00	Not Required	10.00	Not Required	12.50	Not Required	14.50	Not Required	16.50	Not Required	7.50
		159	5795	17.62	19.00	19.73	21.50	21.81	23.50		11.00		13.00		15.00		6.00		8.00		10.00		12.50		14.50		16.50		7.50
	802.11ax-HE80 MCS0	155	5775	16.35	18.00	17.78	19.50	20.13	21.50		11.00		13.00		15.00		6.00		8.00		10.00		12.50		14.50		16.50		7.50

				Ant 4 Body-worn Simultaneous		Ant 5+4 Body-worn Simultaneous		Ant 5 Hotspot		Ant 4 Hotspot		Ant 5+4 Hotspot		Ant 5 Extremity Standalone		Ant 4 Extremity Standalone		Ant 5+4 Extremity Standalone		Ant 5 Extremity Simultaneous		Ant 4 Extremity Simultaneous		Ant 5+4 Extremity Simultaneous		
	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	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745		9.50		11.50		10.00		12.00		14.00	17.13	18.00	18.18	20.00	20.35	22.00		13.00		15.00		17.00	98.91
		157	5785		9.50		11.50		10.00		12.00		14.00	17.10	18.00	18.15	20.00	20.26	22.00		13.00		15.00		17.00	
		165	5825		9.50		11.50		10.00		12.00		14.00	17.02	18.00	18.10	20.00	20.21	22.00		13.00		15.00		17.00	
	802.11n-HT20 MCS0	149	5745		9.50		11.50		10.00		12.00		14.00		18.00		20.00		22.00		13.00		15.00		17.00	100
		157	5785		9.50		11.50		10.00		12.00		14.00	Not Required	18.00	Not Required	20.00	Not Required	22.00		13.00		15.00		17.00	
		165	5825		9.50		11.50		10.00		12.00		14.00		18.00		20.00		22.00		13.00		15.00		17.00	
	802.11n-HT40 MCS0	151	5755	Not Required	9.50	Not Required	11.50	Not Required	10.00	Not Required	12.00	Not Required	14.00	17.52	18.00	18.36	20.00	20.76	22.00	Not Required	13.00	Not Required	15.00	Not Required	17.00	100
		159	5795		9.50		11.50		10.00		12.00		14.00	17.58	18.00	18.48	20.00	20.85	22.00		13.00		15.00		17.00	
	802.11ac-VHT20 MCS0	149	5745		9.50		11.50		10.00		12.00		14.00		18.00		20.00		22.00		13.00		15.00		17.00	100
		157	5785		9.50		11.50		10.00		12.00		14.00		18.00		20.00		22.00		13.00		15.00		17.00	
		165	5825		9.50		11.50		10.00		12.00		14.00		18.00		20.00		22.00		13.00		15.00		17.00	
	802.11ac-VHT40 MCS0	151	5755		9.50		11.50		10.00		12.00		14.00		18.00		20.00		22.00		13.00		15.00		17.00	100
		159	5795		9.50		11.50		10.00		12.00		14.00		18.00		20.00		22.00		13.00		15.00		17.00	
	802.11ac-VHT80 MCS0	155	5775	8.19	9.50	10.61	11.50	9.65	10.00	10.33	12.00	13.01	14.00	Not Required	18.00	Not Required	19.50	Not Required	21.50	12.55	13.00	13.25	15.00	15.92	17.00	100
	802.11ax-HE20 MCS0	149	5745		9.50		11.50		10.00		12.00		14.00		18.00		20.00		22.00		13.00		15.00		17.00	100
		157	5785		9.50		11.50		10.00		12.00		14.00		18.00		20.00		22.00		13.00		15.00		17.00	
		165	5825		9.50		11.50		10.00		12.00		14.00		18.00		20.00		22.00		13.00		15.00		17.00	
	802.11ax-HE40 MCS0	151	5755	Not Required	9.50	Not Required	11.50	Not Required	10.00	Not Required	12.00	Not Required	14.00		18.00		20.00		22.00	Not Required	13.00	Not Required	15.00	Not Required	17.00	100
		159	5795		9.50		11.50		10.00		12.00		14.00		18.00		20.00		22.00		13.00		15.00		17.00	
	802.11ax-HE80 MCS0	155	5775		9.50		11.50		10.00		12.00		14.00		18.00		19.50		21.50		13.00		15.00		17.00	100

BT

Mode	Channel	Frequency (MHz)	Ant 6 Full power		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	17.55	15.09	15.13
	CH 39	2441	17.10	14.73	14.72
	CH 78	2480	17.61	15.19	15.22
Tune-up Limit			18	16.5	16.5

BT

Mode	Channel	Frequency (MHz)	Ant 6 For Head Simultaneous		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	11.56	9.05	9.18
	CH 39	2441	11.07	8.76	8.77
	CH 78	2480	11.63	9.19	9.24
Tune-up Limit			12.5	10.5	10.5

BT

Mode	Channel	Frequency (MHz)	Ant 6 Head Standalone		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	14.54	12.12	12.08
	CH 39	2441	14.15	11.69	11.72
	CH 78	2480	14.63	12.21	12.26
Tune-up Limit			15	13.5	13.5

BT

Mode	Channel	Frequency (MHz)	Ant 6 For Hotspot		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	12.51	10.08	10.11
	CH 39	2441	12.06	9.74	9.76
	CH 78	2480	12.62	10.23	10.25
Tune-up Limit			13.5	11.5	11.5

BLE_1M

Mode	Channel	Frequency (MHz)	Ant 6 Full power
			Average power (dBm)
LE	CH 00	2402	14.03
	CH 19	2440	14.21
	CH 39	2480	12.96
Tune-up Limit			14.50

BLE_1M

Mode	Channel	Frequency (MHz)	Ant 6 For Head Simultaneous
			Average power (dBm)
LE	CH 00	2402	
	CH 19	2440	
	CH 39	2480	
Tune-up Limit			12.50

BLE_1M

Mode	Channel	Frequency (MHz)	Ant 6 Head Standalone
			Average power (dBm)
LE	CH 00	2402	
	CH 19	2440	
	CH 39	2480	
Tune-up Limit			14.50

BLE_1M

Mode	Channel	Frequency (MHz)	Ant 6 For Hotspot
			Average power (dBm)
LE	CH 00	2402	
	CH 19	2440	
	CH 39	2480	
Tune-up Limit			13.50

BLE_2M

Mode	Channel	Frequency (MHz)	Ant 6 Full power
			Average power (dBm)
LE	CH 00	2402	14.03
	CH 19	2440	14.21
	CH 39	2480	13.07
Tune-up Limit			14.50

BLE_2M

Mode	Channel	Frequency (MHz)	Ant 6 For Head Simultaneous
			Average power (dBm)
LE	CH 00	2402	
	CH 19	2440	
	CH 39	2480	
Tune-up Limit			12.50

BLE_2M

Mode	Channel	Frequency (MHz)	Ant 6 Head Standalone
			Average power (dBm)
LE	CH 00	2402	
	CH 19	2440	
	CH 39	2480	
Tune-up Limit			14.50

BLE_2M

Mode	Channel	Frequency (MHz)	Ant 6 For Hotspot
			Average power (dBm)
LE	CH 00	2402	
	CH 19	2440	
	CH 39	2480	
Tune-up Limit			13.50

BT

Mode	Channel	Frequency (MHz)	Ant 3 Full power		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	17.77	15.44	15.26
	CH 39	2441	17.58	14.81	14.76
	CH 78	2480	17.16	14.21	14.72
Tune-up Limit			18	16	16

BT 2.0

Mode	Channel	Frequency (MHz)	Ant 3 For Head Simultaneous		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	11.73	9.43	9.31
	CH 39	2441	11.54	8.80	8.79
	CH 78	2480	11.20	8.16	8.72
Tune-up Limit			12.5	10	10

BT

Mode	Channel	Frequency (MHz)	Ant 3 Head Standalone		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	14.75	12.48	12.30
	CH 39	2441	14.59	11.84	11.79
	CH 78	2480	14.14	11.25	11.70
Tune-up Limit			15	13	13

BT

Mode	Channel	Frequency (MHz)	Ant 3 For Hotspot		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	12.76	10.48	10.26
	CH 39	2441	12.62	9.81	9.71
	CH 78	2480	12.22	9.18	9.69
Tune-up Limit			13.5	11.5	11.5

BLE_1M

Mode	Channel	Frequency (MHz)	Ant 3 Full power
			Average power (dBm)
LE	CH 00	2402	12.32
	CH 19	2440	13.82
	CH 39	2480	12.18
Tune-up Limit			14.00

BLE_1M

Mode	Channel	Frequency (MHz)	Ant 3 For Head Simultaneous
			Average power (dBm)
LE	CH 00	2402	
	CH 19	2440	
	CH 39	2480	
Tune-up Limit			12.50

BLE_1M

Mode	Channel	Frequency (MHz)	Ant 3 Head Standalone
			Average power (dBm)
LE	CH 00	2402	
	CH 19	2440	
	CH 39	2480	
Tune-up Limit			14.00

BLE_1M

Mode	Channel	Frequency (MHz)	Ant 3 For Hotspot
			Average power (dBm)
LE	CH 00	2402	
	CH 19	2440	
	CH 39	2480	
Tune-up Limit			13.50

BLE_2M

Mode	Channel	Frequency (MHz)	Ant 3 Full power
			Average power (dBm)
LE	CH 00	2402	12.32
	CH 19	2440	13.97
	CH 39	2480	12.19
Tune-up Limit			14.00

BLE_2M

Mode	Channel	Frequency (MHz)	Ant 3 For Head Simultaneous
			Average power (dBm)
LE	CH 00	2402	
	CH 19	2440	
	CH 39	2480	
Tune-up Limit			12.50

BLE_2M

Mode	Channel	Frequency (MHz)	Ant 3 Head Standalone
			Average power (dBm)
LE	CH 00	2402	
	CH 19	2440	
	CH 39	2480	
Tune-up Limit			14.00

BLE_2M

Mode	Channel	Frequency (MHz)	Ant 3 For Hotspot
			Average power (dBm)
LE	CH 00	2402	
	CH 19	2440	
	CH 39	2480	
Tune-up Limit			13.50