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	31.75	31.76	31.61	33.00	22.75	22.76	22.61	24.00
GPRS 1 Tx slot	31.74	31.63	31.60	33.00	22.74	22.63	22.60	24.00
GPRS 2 Tx slots	30.23	30.08	30.05	31.00	24.23	24.08	24.05	25.00
GPRS 3 Tx slots	28.77	28.61	28.62	29.50	24.51	24.35	24.36	25.24
GPRS 4 Tx slots	27.25	27.16	27.15	28.50	24.25	24.16	24.15	25.50
EDGE 1 Tx slot	26.18	26.20	26.16	27.00	17.18	17.20	17.16	18.00
EDGE 2 Tx slots	24.41	24.65	24.63	25.50	18.41	18.65	18.63	19.50
EDGE 3 Tx slots	22.61	22.78	22.73	24.00	18.35	18.52	18.47	19.74
EDGE 4 Tx slots	20.98	21.02	21.03	22.00	17.98	18.02	18.03	19.00

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	22.29	22.46	22.46	24.00
3GPP Rel 99	RMC 12.2Kbps	22.53	22.58	22.49	24.00
3GPP Rel 6	HSDPA Subtest-1	21.44	21.64	21.68	22.50
3GPP Rel 6	HSDPA Subtest-2	21.56	21.67	21.63	22.50
3GPP Rel 6	HSDPA Subtest-3	21.04	21.09	21.07	22.00
3GPP Rel 6	HSDPA Subtest-4	21.05	21.04	21.13	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	21.40	21.49	21.64	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.46	21.52	21.55	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	20.88	21.15	20.98	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.08	21.10	21.02	22.00
3GPP Rel 6	HSUPA Subtest-1	21.47	21.52	21.54	22.50
3GPP Rel 6	HSUPA Subtest-2	19.63	19.49	19.62	20.50
3GPP Rel 6	HSUPA Subtest-3	20.58	20.53	20.58	21.50
3GPP Rel 6	HSUPA Subtest-4	19.50	19.73	19.59	20.50
3GPP Rel 6	HSUPA Subtest-5	21.50	21.60	21.57	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.95	19.00	19.06	20.00

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	22.37	22.49	22.36		
10	QPSK	1	25	22.41	22.34	22.31	24	0
10	QPSK	1	49	22.23	22.36	22.31		
10	QPSK	25	0	21.49	21.51	21.38		
10	QPSK	25	12	21.48	21.48	21.48	23	1
10	QPSK	25	25	21.47	21.46	21.40		
10	QPSK	50	0	21.39	21.46	21.36		
10	16QAM	1	0	21.70	21.78	21.70		
10	16QAM	1	25	21.77	21.85	21.77	23	1
10	16QAM	1	49	21.67	21.71	21.91		
10	16QAM	25	0	20.28	20.50	20.48		
10	16QAM	25	12	20.26	20.47	20.48	22	2
10	16QAM	25	25	20.29	20.37	20.49		
10	16QAM	50	0	20.52	20.51	20.51		
10	64QAM	1	0	20.19	20.36	20.38		
10	64QAM	1	25	20.39	20.61	20.25	22	2
10	64QAM	1	49	20.24	20.42	20.62		
10	64QAM	25	0	19.37	19.44	19.49		
10	64QAM	25	12	19.29	19.55	19.54	21	3
10	64QAM	25	25	19.40	19.38	19.58		
10	64QAM	50	0	19.45	19.32	19.59		
10	256QAM	1	0	17.38	17.52	17.53		
10	256QAM	1	25	17.36	17.43	17.26	19	5
10	256QAM	1	49	17.29	17.46	17.54		
10	256QAM	25	0	17.40	17.44	17.28		
10	256QAM	25	12	17.45	17.40	17.46	19	5
10	256QAM	25	25	17.44	17.50	17.42		
10	256QAM	50	0	17.50	17.33	17.63		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.32	22.44	22.25		
5	QPSK	1	12	22.29	22.32	22.27	24	0
5	QPSK	1	24	22.15	22.30	22.16		
5	QPSK	12	0	21.35	21.47	21.22		
5	QPSK	12	7	21.46	21.37	21.36	23	1
5	QPSK	12	13	21.36	21.42	21.38		
5	QPSK	25	0	21.30	21.34	21.32		
5	16QAM	1	0	21.60	21.71	21.67		
5	16QAM	1	12	21.75	21.82	21.63	23	1
5	16QAM	1	24	21.52	21.67	21.78		
5	16QAM	12	0	20.22	20.48	20.33		
5	16QAM	12	7	20.12	20.38	20.41	22	2
5	16QAM	12	13	20.22	20.21	20.35		
5	16QAM	25	0	20.35	20.48	20.48		
5	64QAM	1	0	20.14	20.29	20.22		
5	64QAM	1	12	20.25	20.49	20.18	22	2
5	64QAM	1	24	20.21	20.30	20.54		
5	64QAM	12	0	19.19	19.27	19.36		
5	64QAM	12	7	19.18	19.48	19.40	21	3
5	64QAM	12	13	19.31	19.24	19.43		
5	64QAM	25	0	19.36	19.30	19.55		
5	256QAM	1	0	17.35	17.50	17.46		
5	256QAM	1	12	17.29	17.34	17.10	19	5
5	256QAM	1	24	17.16	17.42	17.37		
5	256QAM	12	0	17.26	17.30	17.19		
5	256QAM	12	7	17.30	17.31	17.41	19	5
5	256QAM	12	13	17.37	17.43	17.38		
5	256QAM	25	0	17.33	17.17	17.59		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.27	22.41	22.22		
3	QPSK	1	8	22.36	22.27	22.27	24	0
3	QPSK	1	14	22.14	22.25	22.26		
3	QPSK	8	0	21.44	21.33	21.29		
3	QPSK	8	4	21.44	21.36	21.37	23	1
3	QPSK	8	7	21.30	21.32	21.34		
3	QPSK	15	0	21.36	21.39	21.28		
3	16QAM	1	0	21.67	21.71	21.66		
3	16QAM	1	8	21.74	21.82	21.70	23	1
3	16QAM	1	14	21.55	21.62	21.77		
3	16QAM	8	0	20.11	20.41	20.42		
3	16QAM	8	4	20.20	20.30	20.46	22	2
3	16QAM	8	7	20.14	20.22	20.40		
3	16QAM	15	0	20.40	20.43	20.44		
3	64QAM	1	0	20.14	20.20	20.24		
3	64QAM	1	8	20.26	20.53	20.08	22	2
3	64QAM	1	14	20.11	20.39	20.48		
3	64QAM	8	0	19.29	19.34	19.35		
3	64QAM	8	4	19.16	19.46	19.42	21	3
3	64QAM	8	7	19.32	19.35	19.42		
3	64QAM	15	0	19.31	19.28	19.44		
3	256QAM	1	0	17.32	17.47	17.51		
3	256QAM	1	8	17.18	17.40	17.12	19	5
3	256QAM	1	14	17.14	17.32	17.39		
3	256QAM	8	0	17.30	17.38	17.18		
3	256QAM	8	4	17.36	17.23	17.39	19	5
3	256QAM	8	7	17.27	17.43	17.33		
3	256QAM	15	0	17.42	17.28	17.60		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.28	22.41	22.21		
1.4	QPSK	1	3	22.36	22.31	22.18		
1.4	QPSK	1	5	22.11	22.24	22.15	24	0
1.4	QPSK	3	0	22.10	22.29	22.09		
1.4	QPSK	3	1	22.30	22.17	22.05		
1.4	QPSK	3	3	22.06	22.16	22.02		
1.4	QPSK	6	0	21.35	21.41	21.34	23	1
1.4	16QAM	1	0	21.62	21.71	21.56		
1.4	16QAM	1	3	21.74	21.78	21.64		
1.4	16QAM	1	5	21.58	21.57	21.76	23	1
1.4	16QAM	3	0	21.47	21.68	21.48		
1.4	16QAM	3	1	21.68	21.62	21.47		
1.4	16QAM	3	3	21.50	21.47	21.70		
1.4	16QAM	6	0	20.39	20.46	20.40	22	2
1.4	64QAM	1	0	20.11	20.23	20.36		
1.4	64QAM	1	3	20.22	20.48	20.12		
1.4	64QAM	1	5	20.20	20.37	20.58	22	2
1.4	64QAM	3	0	20.06	20.17	20.27		
1.4	64QAM	3	1	20.09	20.41	20.09		
1.4	64QAM	3	3	20.05	20.33	20.49		
1.4	64QAM	6	0	19.43	19.30	19.42	21	3
1.4	256QAM	1	0	17.32	17.45	17.47		
1.4	256QAM	1	3	17.33	17.35	17.19		
1.4	256QAM	1	5	17.12	17.40	17.42	19	5
1.4	256QAM	3	0	17.30	17.41	17.10		
1.4	256QAM	3	1	17.35	17.31	17.43		
1.4	256QAM	3	3	17.39	17.32	17.34		
1.4	256QAM	6	0	17.33	17.21	17.54	19	5

Band 12 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.55	22.61	22.50		
10	QPSK	1	25	22.59	22.47	22.50	24	0
10	QPSK	1	49	22.43	22.51	22.47		
10	QPSK	25	0	21.65	21.67	21.54		
10	QPSK	25	12	21.57	21.61	21.64	23	1
10	QPSK	25	25	21.64	21.62	21.54		
10	QPSK	50	0	21.58	21.60	21.43		
10	16QAM	1	0	21.91	21.93	21.99		
10	16QAM	1	25	21.98	21.96	21.96	23	1
10	16QAM	1	49	21.91	22.02	21.95		
10	16QAM	25	0	20.49	20.69	20.58		
10	16QAM	25	12	20.52	20.70	20.52	22	2
10	16QAM	25	25	20.59	20.54	20.78		
10	16QAM	50	0	20.67	20.54	20.61		
10	64QAM	1	0	20.45	20.62	20.54		
10	64QAM	1	25	20.56	20.70	20.45	22	2
10	64QAM	1	49	20.50	20.52	20.75		
10	64QAM	25	0	19.45	19.58	19.60		
10	64QAM	25	12	19.44	19.65	19.71	21	3
10	64QAM	25	25	19.64	19.46	19.76		
10	64QAM	50	0	19.61	19.51	19.77		
10	256QAM	1	0	17.54	17.61	17.74		
10	256QAM	1	25	17.49	17.70	17.55	19	5
10	256QAM	1	49	17.45	17.71	17.70		
10	256QAM	25	0	17.49	17.65	17.60		
10	256QAM	25	12	17.62	17.60	17.70	19	5
10	256QAM	25	25	17.69	17.61	17.66		
10	256QAM	50	0	17.65	17.60	17.82		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.44	22.56	22.47		
5	QPSK	1	12	22.43	22.33	22.45	24	0
5	QPSK	1	24	22.33	22.44	22.38		
5	QPSK	12	0	21.48	21.56	21.51		
5	QPSK	12	7	21.48	21.51	21.59	23	1
5	QPSK	12	13	21.55	21.55	21.48		
5	QPSK	25	0	21.48	21.55	21.41		
5	16QAM	1	0	21.77	21.82	21.93		
5	16QAM	1	12	21.81	21.89	21.84	23	1
5	16QAM	1	24	21.85	21.99	21.79		
5	16QAM	12	0	20.34	20.53	20.48		
5	16QAM	12	7	20.43	20.58	20.38	22	2
5	16QAM	12	13	20.53	20.48	20.75		
5	16QAM	25	0	20.51	20.36	20.48		
5	64QAM	1	0	20.34	20.58	20.42		
5	64QAM	1	12	20.39	20.56	20.29	22	2
5	64QAM	1	24	20.34	20.40	20.68		
5	64QAM	12	0	19.30	19.50	19.50		
5	64QAM	12	7	19.28	19.57	19.62	21	3
5	64QAM	12	13	19.48	19.30	19.59		
5	64QAM	25	0	19.55	19.36	19.62		
5	256QAM	1	0	17.42	17.55	17.67		
5	256QAM	1	12	17.42	17.67	17.38	19	5
5	256QAM	1	24	17.36	17.58	17.58		
5	256QAM	12	0	17.37	17.62	17.47		
5	256QAM	12	7	17.59	17.54	17.55	19	5
5	256QAM	12	13	17.55	17.53	17.49		
5	256QAM	25	0	17.52	17.52	17.69		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.46	22.48	22.45		
3	QPSK	1	8	22.56	22.39	22.36	24	0
3	QPSK	1	14	22.28	22.42	22.40		
3	QPSK	8	0	21.51	21.52	21.42		
3	QPSK	8	4	21.41	21.49	21.52	23	1
3	QPSK	8	7	21.50	21.45	21.46		
3	QPSK	15	0	21.42	21.50	21.29		
3	16QAM	1	0	21.87	21.76	21.93		
3	16QAM	1	8	21.90	21.78	21.93	23	1
3	16QAM	1	14	21.89	21.86	21.84		
3	16QAM	8	0	20.35	20.62	20.42		
3	16QAM	8	4	20.45	20.56	20.37	22	2
3	16QAM	8	7	20.51	20.39	20.75		
3	16QAM	15	0	20.63	20.51	20.51		
3	64QAM	1	0	20.28	20.52	20.38		
3	64QAM	1	8	20.51	20.58	20.36	22	2
3	64QAM	1	14	20.41	20.49	20.70		
3	64QAM	8	0	19.29	19.41	19.47		
3	64QAM	8	4	19.30	19.51	19.54	21	3
3	64QAM	8	7	19.58	19.42	19.62		
3	64QAM	15	0	19.50	19.45	19.63		
3	256QAM	1	0	17.46	17.59	17.63		
3	256QAM	1	8	17.46	17.55	17.40	19	5
3	256QAM	1	14	17.43	17.56	17.57		
3	256QAM	8	0	17.40	17.62	17.44		
3	256QAM	8	4	17.59	17.52	17.66	19	5
3	256QAM	8	7	17.63	17.52	17.56		
3	256QAM	15	0	17.62	17.45	17.73		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.48	22.47	22.37		
1.4	QPSK	1	3	22.43	22.41	22.48		
1.4	QPSK	1	5	22.31	22.38	22.38	24	0
1.4	QPSK	3	0	22.30	22.35	22.24		
1.4	QPSK	3	1	22.36	22.33	22.32		
1.4	QPSK	3	3	22.17	22.33	22.28		
1.4	QPSK	6	0	21.56	21.52	21.30	23	1
1.4	16QAM	1	0	21.75	21.86	21.96		
1.4	16QAM	1	3	21.86	21.82	21.81		
1.4	16QAM	1	5	21.78	21.99	21.82	23	1
1.4	16QAM	3	0	21.61	21.83	21.90		
1.4	16QAM	3	1	21.79	21.73	21.65		
1.4	16QAM	3	3	21.61	21.84	21.76		
1.4	16QAM	6	0	20.53	20.47	20.58	22	2
1.4	64QAM	1	0	20.39	20.56	20.38		
1.4	64QAM	1	3	20.42	20.53	20.28		
1.4	64QAM	1	5	20.37	20.38	20.72	22	2
1.4	64QAM	3	0	20.34	20.40	20.33		
1.4	64QAM	3	1	20.34	20.44	20.16		
1.4	64QAM	3	3	20.21	20.30	20.60		
1.4	64QAM	6	0	19.58	19.39	19.71	21	3
1.4	256QAM	1	0	17.51	17.57	17.67		
1.4	256QAM	1	3	17.32	17.59	17.52		
1.4	256QAM	1	5	17.29	17.68	17.64	19	5
1.4	256QAM	3	0	17.31	17.48	17.46		
1.4	256QAM	3	1	17.52	17.43	17.62		
1.4	256QAM	3	3	17.64	17.56	17.50		
1.4	256QAM	6	0	17.51	17.55	17.72	19	5

Band 13 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23180	23230			
Frequency (MHz)				782				
10	QPSK	1	0	22.69	22.86	22.66		
10	QPSK	1	25	22.81	22.73	22.79	24	0
10	QPSK	1	49	22.60	22.75	22.75		
10	QPSK	25	0	21.89	21.91	21.67		
10	QPSK	25	12	21.73	21.78	21.84	23	1
10	QPSK	25	25	21.77	21.77	21.63		
10	QPSK	50	0	21.78	21.83	21.72		
10	16QAM	1	0	22.05	22.04	22.14		
10	16QAM	1	25	22.10	22.20	22.12	23	1
10	16QAM	1	49	21.97	22.06	22.22		
10	16QAM	25	0	20.64	20.88	20.88		
10	16QAM	25	12	20.67	20.89	20.74	22	2
10	16QAM	25	25	20.70	20.72	20.88		
10	16QAM	50	0	20.87	20.76	20.88		
10	64QAM	1	0	20.68	20.72	20.84		
10	64QAM	1	25	20.77	20.88	20.65	22	2
10	64QAM	1	49	20.66	20.73	20.88		
10	64QAM	25	0	19.72	19.80	19.71		
10	64QAM	25	12	19.71	19.90	19.84	21	3
10	64QAM	25	25	19.83	19.67	19.93		
10	64QAM	50	0	19.81	19.80	19.80		
10	256QAM	1	0	17.65	17.79	17.94		
10	256QAM	1	25	17.80	17.82	17.71	19	5
10	256QAM	1	49	17.62	17.93	17.81		
10	256QAM	25	0	17.74	17.86	17.75		
10	256QAM	25	12	17.79	17.76	17.82	19	5
10	256QAM	25	25	17.86	17.71	17.86		
10	256QAM	50	0	17.83	17.63	17.96		
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.65	22.70	22.55		
5	QPSK	1	12	22.70	22.64	22.70	24	0
5	QPSK	1	24	22.46	22.58	22.69		
5	QPSK	12	0	21.76	21.83	21.62		
5	QPSK	12	7	21.66	21.60	21.74	23	1
5	QPSK	12	13	21.69	21.72	21.53		
5	QPSK	25	0	21.75	21.79	21.56		
5	16QAM	1	0	22.00	21.99	22.07		
5	16QAM	1	12	22.04	22.08	22.03	23	1
5	16QAM	1	24	21.94	21.96	22.09		
5	16QAM	12	0	20.52	20.72	20.82		
5	16QAM	12	7	20.61	20.87	20.63	22	2
5	16QAM	12	13	20.63	20.57	20.78		
5	16QAM	25	0	20.84	20.61	20.81		
5	64QAM	1	0	20.59	20.62	20.72		
5	64QAM	1	12	20.66	20.83	20.59	22	2
5	64QAM	1	24	20.48	20.62	20.77		
5	64QAM	12	0	19.58	19.67	19.53		
5	64QAM	12	7	19.68	19.85	19.70	21	3
5	64QAM	12	13	19.72	19.53	19.81		
5	64QAM	25	0	19.72	19.71	19.75		
5	256QAM	1	0	17.49	17.66	17.82		
5	256QAM	1	12	17.77	17.71	17.84	19	5
5	256QAM	1	24	17.58	17.77	17.66		
5	256QAM	12	0	17.65	17.75	17.68		
5	256QAM	12	7	17.68	17.61	17.79	19	5
5	256QAM	12	13	17.76	17.66	17.74		
5	256QAM	25	0	17.80	17.49	17.88		

Band 17 Ant0

BW [MHz]	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	22.49	22.53	22.47	24	0
10	QPSK	1	25	22.37	22.49	22.37		
10	QPSK	1	49	22.51	22.41	22.48		
10	QPSK	25	0	21.53	21.60	21.53	23	1
10	QPSK	25	12	21.51	21.51	21.44		
10	QPSK	25	25	21.56	21.42	21.42		
10	QPSK	50	0	21.49	21.56	21.39		
10	16QAM	1	0	21.38	21.57	21.40	23	1
10	16QAM	1	25	21.65	21.59	21.58		
10	16QAM	1	49	21.49	21.57	21.52		
10	16QAM	25	0	20.55	20.67	20.55	22	2
10	16QAM	25	12	20.55	20.66	20.37		
10	16QAM	25	25	20.57	20.72	20.37		
10	16QAM	50	0	20.44	20.48	20.42		
10	64QAM	1	0	20.51	20.53	20.45	22	2
10	64QAM	1	25	20.44	20.42	20.55		
10	64QAM	1	49	20.52	20.46	20.33		
10	64QAM	25	0	19.42	19.57	19.46	21	3
10	64QAM	25	12	19.47	19.48	19.60		
10	64QAM	25	25	19.50	19.44	19.45		
10	64QAM	50	0	19.56	19.43	19.42		
10	256QAM	1	0	17.51	17.49	17.34	19	5
10	256QAM	1	25	17.49	17.66	17.56		
10	256QAM	1	49	17.41	17.46	17.35		
10	256QAM	25	0	17.43	17.39	17.56	19	5
10	256QAM	25	12	17.54	17.46	17.40		
10	256QAM	25	25	17.54	17.49	17.57		
10	256QAM	50	0	17.62	17.52	17.44		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				708.5	710	713.5		
5	QPSK	1	0	22.34	22.41	22.34	24	0
5	QPSK	1	12	22.27	22.36	22.24		
5	QPSK	1	24	22.44	22.30	22.43		
5	QPSK	12	0	21.44	21.55	21.36	23	1
5	QPSK	12	7	21.38	21.40	21.41		
5	QPSK	12	13	21.43	21.30	21.32		
5	QPSK	25	0	21.33	21.49	21.31		
5	16QAM	1	0	21.32	21.53	21.31	23	1
5	16QAM	1	12	21.57	21.43	21.50		
5	16QAM	1	24	21.40	21.43	21.43		
5	16QAM	12	0	20.53	20.64	20.44	22	2
5	16QAM	12	7	20.42	20.52	20.29		
5	16QAM	12	13	20.45	20.57	20.20		
5	16QAM	25	0	20.30	20.37	20.33		
5	64QAM	1	0	20.34	20.44	20.40	22	2
5	64QAM	1	12	20.33	20.29	20.38		
5	64QAM	1	24	20.41	20.39	20.16		
5	64QAM	12	0	19.31	19.53	19.39	21	3
5	64QAM	12	7	19.43	19.42	19.51		
5	64QAM	12	13	19.47	19.33	19.39		
5	64QAM	25	0	19.49	19.34	19.38		
5	256QAM	1	0	17.42	17.40	17.29	19	5
5	256QAM	1	12	17.32	17.52	17.43		
5	256QAM	1	24	17.34	17.41	17.17		
5	256QAM	12	0	17.26	17.28	17.39	19	5
5	256QAM	12	7	17.42	17.35	17.27		
5	256QAM	12	13	17.41	17.40	17.50		
5	256QAM	25	0	17.53	17.38	17.38		

Band 26 for FCC Ant0

BW [MHz]	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	22.62	22.65	22.59	24	0
15	QPSK	1	37	22.47	22.64	22.48		
15	QPSK	1	74	22.62	22.55	22.47		
15	QPSK	36	0	21.61	21.64	21.60	23	1
15	QPSK	36	20	21.61	21.57	21.59		
15	QPSK	36	39	21.61	21.60	21.53		
15	QPSK	75	0	21.66	21.73	21.40		
15	16QAM	1	0	21.56	21.61	21.52	23	1
15	16QAM	1	37	21.65	21.73	21.59		
15	16QAM	1	74	21.55	21.68	21.59		
15	16QAM	36	0	20.52	20.67	20.68	22	2
15	16QAM	36	20	20.59	20.68	20.46		
15	16QAM	36	39	20.54	20.82	20.41		
15	16QAM	75	0	20.50	20.63	20.52		
15	64QAM	1	0	20.60	20.69	20.55	22	2
15	64QAM	1	37	20.59	20.53	20.61		
15	64QAM	1	74	20.65	20.55	20.53		
15	64QAM	36	0	19.46	19.63	19.63	21	3
15	64QAM	36	20	19.48	19.60	19.55		
15	64QAM	36	39	19.66	19.61	19.58		
15	64QAM	75	0	19.63	19.57	19.60		
15	256QAM	1	0	17.67	17.70	17.46	19	5
15	256QAM	1	37	17.53	17.77	17.64		
15	256QAM	1	74	17.51	17.57	17.44		
15	256QAM	36	0	17.52	17.51	17.68	19	5
15	256QAM	36	20	17.56	17.52	17.51		
15	256QAM	36	39	17.59	17.70	17.69		
15	256QAM	75	0	17.61	17.58	17.56		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.56	22.47	22.43	24	0
10	QPSK	1	25	22.35	22.56	22.33		
10	QPSK	1	49	22.54	22.50	22.32		
10	QPSK	25	0	21.51	21.53	21.57	23	1
10	QPSK	25	12	21.46	21.45	21.45		
10	QPSK	25	25	21.56	21.42	21.44		
10	QPSK	50	0	21.48	21.68	21.27		
10	16QAM	1	0	21.53	21.58	21.42	23	1
10	16QAM	1	25	21.52	21.65	21.54		
10	16QAM	1	49	21.37	21.63	21.51		
10	16QAM	25	0	20.47	20.61	20.63	22	2
10	16QAM	25	12	20.43	20.55	20.31		
10	16QAM	25	25	20.45	20.77	20.34		
10	16QAM	50	0	20.47	20.47	20.43		
10	64QAM	1	0	20.48	20.61	20.43	22	2
10	64QAM	1	25	20.45	20.47	20.59		
10	64QAM	1	49	20.56	20.45	20.43		
10	64QAM	25	0	19.39	19.59	19.58	21	3
10	64QAM	25	12	19.36	19.56	19.40		
10	64QAM	25	25	19.63	19.43	19.47		
10	64QAM	50	0	19.59	19.53	19.52		
10	256QAM	1	0	17.53	17.56	17.38	19	5
10	256QAM	1	25	17.44	17.61	17.54		
10	256QAM	1	49	17.49	17.45	17.33		
10	256QAM	25	0	17.42	17.41	17.62	19	5
10	256QAM	25	12	17.51	17.38	17.48		
10	256QAM	25	25	17.48	17.65	17.59		
10	256QAM	50	0	17.53	17.40	17.51		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.54	22.47	22.52	24	0
5	QPSK	1	12	22.39	22.56	22.33		
5	QPSK	1	24	22.60	22.51	22.44		
5	QPSK	12	0	21.45	21.58	21.48	23	1
5	QPSK	12	7	21.55	21.47	21.44		
5	QPSK	12	13	21.54	21.44	21.45		
5	QPSK	25	0	21.56	21.61	21.37		
5	16QAM	1	0	21.52	21.52	21.41	23	1
5	16QAM	1	12	21.62	21.60	21.44		
5	16QAM	1	24	21.49	21.64	21.52		
5	16QAM	12	0	20.37	20.52	20.51	22	2
5	16QAM	12	7	20.50	20.60	20.40		
5	16QAM	12	13	20.49	20.80	20.35		
5	16QAM	25	0	20.37	20.54	20.36		
5	64QAM	1	0	20.55	20.57	20.43	22	2
5	64QAM	1	12	20.51	20.36	20.49		
5	64QAM	1	24	20.53	20.45	20.39		
5	64QAM	12	0	19.33	19.49	19.54	21	3
5	64QAM	12	7	19.43	19.53	19.52		
5	64QAM	12	13	19.57	19.58	19.45		
5	64QAM	25	0	19.49	19.54	19.52		
5	256QAM	1	0	17.51	17.53	17.43	19	5
5	256QAM	1	12	17.42	17.70	17.60		
5	256QAM	1	24	17.36	17.54	17.32		
5	256QAM	12	0	17.48	17.49	17.59	19	5
5	256QAM	12	7	17.51	17.44	17.45		
5	256QAM	12	13	17.51	17.63	17.56		
5	256QAM	25	0	17.52	17.42	17.54		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.51	22.61	22.55	24	0
3	QPSK	1	8	22.42	22.56	22.40		
3	QPSK	1	14	22.49	22.48	22.43		
3	QPSK	8	0	21.46	21.51	21.52	23	1
3	QPSK	8	4	21.50	21.50	21.42		
3	QPSK	8	7	21.49	21.57	21.37		
3	QPSK	15	0	21.57	21.62	21.27		
3	16QAM	1	0	21.50	21.58	21.40	23	1
3	16QAM	1	8	21.58	21.65	21.53		
3	16QAM	1	14	21.49	21.58	21.45		
3	16QAM	8	0	20.42	20.60	20.52	22	2
3	16QAM	8	4	20.57	20.64	20.39		
3	16QAM	8	7	20.43	20.73	20.33		
3	16QAM	15	0	20.40	20.46	20.39		
3	64QAM	1	0	20.50	20.52	20.39	22	2
3	64QAM	1	8	20.48	20.38	20.57		
3	64QAM	1	14	20.63	20.44	20.43		
3	64QAM	8	0	19.41	19.55	19.56	21	3
3	64QAM	8	4	19.35	19.55	19.43		
3	64QAM	8	7	19.48	19.54	19.52		
3	64QAM	15	0	19.49	19.44	19.51		
3	256QAM	1	0	17.52	17.52	17.33	19	5
3	256QAM	1	8	17.38	17.64	17.54		
3	256QAM	1	14	17.35	17.50	17.28		
3	256QAM	8	0	17.40	17.44	17.54	19	5
3	256QAM	8	4	17.51	17.49	17.39		
3	256QAM	8	7	17.50	17.66	17.51		
3	256QAM	15	0	17.45	17.43	17.53		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.59	22.52	22.56	24	0
1.4	QPSK	1	3	22.39	22.55	22.36		
1.4	QPSK	1	5	22.57	22.46	22.34		
1.4	QPSK	3	0	22.42	22.48	22.42		
1.4	QPSK	3	1	22.31	22.38	22.33		
1.4	QPSK	3	3	22.50	22.39	22.20		
1.4	QPSK	6	0	21.52	21.63	21.37	23	1
1.4	16QAM	1	0	21.45	21.49	21.43	23	1
1.4	16QAM	1	3	21.57	21.67	21.46		
1.4	16QAM	1	5	21.48	21.58	21.43		
1.4	16QAM	3	0	21.37	21.33	21.27		
1.4	16QAM	3	1	21.48	21.57	21.41		
1.4	16QAM	3	3	21.38	21.56	21.29		
1.4	16QAM	6	0	20.38	20.55	20.41	22	2
1.4	64QAM	1	0	20.50	20.59	20.40	22	2
1.4	64QAM	1	3	20.56	20.35	20.57		
1.4	64QAM	1	5	20.47	20.39	20.37		
1.4	64QAM	3	0	20.47	20.56	20.28		
1.4	64QAM	3	1	20.47	20.33	20.42		
1.4	64QAM	3	3	20.37	20.21	20.21		
1.4	64QAM	6	0	19.48	19.46	19.47	21	3
1.4	256QAM	1	0	17.55	17.58	17.30	19	5
1.4	256QAM	1	3	17.36	17.74	17.62		
1.4	256QAM	1	5	17.49	17.53	17.29		
1.4	256QAM	3	0	17.46	17.45	17.62		
1.4	256QAM	3	1	17.40	17.42	17.39		
1.4	256QAM	3	3	17.48	17.58	17.62		
1.4	256QAM	6	0	17.55	17.51	17.50	19	5

GSM1900 Ant1	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	28.42	28.52	28.43	29.50	19.42	19.52	19.43	20.50
GPRS 1 Tx slot	28.39	28.49	28.36	29.50	19.39	19.49	19.36	20.50
GPRS 2 Tx slots	26.86	26.92	26.84	28.00	20.86	20.92	20.84	22.00
GPRS 3 Tx slots	25.39	25.39	25.36	26.50	21.13	21.13	21.10	22.24
GPRS 4 Tx slots	23.89	23.90	23.83	25.00	20.89	20.90	20.83	22.00
EDGE 1 Tx slot	23.15	23.23	22.99	24.00	14.15	14.23	13.99	15.00
EDGE 2 Tx slots	21.43	21.48	21.24	22.50	15.43	15.48	15.24	16.50
EDGE 3 Tx slots	19.61	19.70	19.36	20.50	15.35	15.44	15.10	16.24
EDGE 4 Tx slots	17.69	17.93	17.65	18.50	14.69	14.93	14.65	15.50

Band		WCDMA II **Ant1**			Tune-up Limit (dBm)	WCDMA IV Ant1			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	22.47	22.65	22.51	24.00	22.55	22.64	22.55	24.00
3GPP Rel 99	RMC 12.2Kbps	22.64	22.70	22.68	24.00	22.66	22.72	22.65	24.00
3GPP Rel 6	HSDPA Subtest-1	21.61	21.72	21.73	23.00	21.58	21.74	21.66	23.00
3GPP Rel 6	HSDPA Subtest-2	21.65	21.77	21.69	23.00	21.58	21.68	21.72	23.00
3GPP Rel 6	HSDPA Subtest-3	21.17	21.19	21.24	22.50	21.12	21.24	21.21	22.50
3GPP Rel 6	HSDPA Subtest-4	21.21	21.23	21.18	22.50	21.21	21.22	21.23	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.59	21.67	21.76	23.00	21.68	21.66	21.67	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.60	21.66	21.63	23.00	21.62	21.80	21.61	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.07	21.22	21.17	22.50	21.19	21.21	21.15	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.22	21.20	21.16	22.50	21.20	21.20	21.10	22.50
3GPP Rel 6	HSUPA Subtest-1	21.64	21.68	21.69	23.00	21.69	21.78	21.61	23.00
3GPP Rel 6	HSUPA Subtest-2	19.69	19.67	19.69	21.00	19.61	19.74	19.70	21.00
3GPP Rel 6	HSUPA Subtest-3	20.67	20.70	20.64	22.00	20.64	20.71	20.71	22.00
3GPP Rel 6	HSUPA Subtest-4	19.61	19.78	19.68	21.00	19.66	19.65	19.65	21.00
3GPP Rel 6	HSUPA Subtest-5	21.64	21.73	21.63	23.00	21.73	21.67	21.58	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.06	19.15	19.14	20.50	19.13	19.27	19.19	20.50

Band 2 Ant1

BW [MHz]	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	22.80	22.87	22.74	24	0
20	QPSK	1	49	22.85	22.77	22.79		
20	QPSK	1	99	22.70	22.78	22.76		
20	QPSK	50	0	21.88	21.91	21.80	23	1
20	QPSK	50	24	21.84	21.89	21.90		
20	QPSK	50	50	21.81	21.84	21.77		
20	QPSK	100	0	21.87	21.90	21.73		
20	16QAM	1	0	22.11	22.17	22.16	23	1
20	16QAM	1	49	22.21	22.26	22.13		
20	16QAM	1	99	22.07	22.20	22.26		
20	16QAM	50	0	20.74	20.86	20.89	22	2
20	16QAM	50	24	20.73	20.94	20.81		
20	16QAM	50	50	20.76	20.84	20.95		
20	16QAM	100	0	20.89	20.85	20.88		
20	64QAM	1	0	20.68	20.83	20.73	22	2
20	64QAM	1	49	20.79	20.97	20.72		
20	64QAM	1	99	20.67	20.79	21.02		
20	64QAM	50	0	19.74	19.85	19.83	21	3
20	64QAM	50	24	19.70	19.90	19.90		
20	64QAM	50	50	19.82	19.74	20.00		
20	64QAM	100	0	19.88	19.79	19.93		
20	256QAM	1	0	17.77	17.87	18.00	19	5
20	256QAM	1	49	17.78	17.92	17.73		
20	256QAM	1	99	17.64	17.94	17.91		
20	256QAM	50	0	17.80	17.86	17.76	19	5
20	256QAM	50	24	17.88	17.84	17.91		
20	256QAM	50	50	17.88	17.84	17.91		
20	256QAM	100	0	17.84	17.76	17.98		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.74	22.77	22.75	24	0
15	QPSK	1	37	22.78	22.82	22.77		
15	QPSK	1	74	22.78	22.76	22.62		
15	QPSK	36	0	21.97	21.79	21.66	23	1
15	QPSK	36	20	21.73	21.96	21.89		
15	QPSK	36	39	21.69	21.81	21.64		
15	QPSK	75	0	21.75	21.93	21.62		
15	16QAM	1	0	21.99	22.04	22.03	23	1
15	16QAM	1	37	22.14	22.26	22.13		
15	16QAM	1	74	22.15	22.08	22.31		
15	16QAM	36	0	20.71	20.88	20.82	22	2
15	16QAM	36	20	20.63	20.81	20.83		
15	16QAM	36	39	20.68	20.85	20.81		
15	16QAM	75	0	20.85	20.85	20.89		
15	64QAM	1	0	20.77	20.73	20.76	22	2
15	64QAM	1	37	20.78	20.95	20.60		
15	64QAM	1	74	20.70	20.72	21.06		
15	64QAM	36	0	19.82	19.73	19.77	21	3
15	64QAM	36	20	19.69	19.94	19.98		
15	64QAM	36	39	19.89	19.76	19.93		
15	64QAM	75	0	19.85	19.68	19.82		
15	256QAM	1	0	17.76	17.83	17.94	19	5
15	256QAM	1	37	17.83	17.82	17.66		
15	256QAM	1	74	17.56	17.96	17.96		
15	256QAM	36	0	17.73	17.81	17.71	19	5
15	256QAM	36	20	17.91	17.88	17.91		
15	256QAM	36	39	17.75	17.89	17.90		
15	256QAM	75	0	17.81	17.79	18.01		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.66	22.82	22.74	24	0
10	QPSK	1	25	22.85	22.69	22.85		
10	QPSK	1	49	22.72	22.68	22.64		
10	QPSK	25	0	21.81	21.88	21.76	23	1
10	QPSK	25	12	21.81	21.83	21.87		
10	QPSK	25	25	21.80	21.87	21.64		
10	QPSK	50	0	21.82	21.88	21.76		
10	16QAM	1	0	22.07	22.13	22.06	23	1
10	16QAM	1	25	22.19	22.32	22.07		
10	16QAM	1	49	21.98	22.11	22.16		
10	16QAM	25	0	20.81	20.83	20.79	22	2
10	16QAM	25	12	20.69	20.90	20.87		
10	16QAM	25	25	20.73	20.76	20.91		
10	16QAM	50	0	20.85	20.82	20.95		
10	64QAM	1	0	20.64	20.74	20.79	22	2
10	64QAM	1	25	20.84	20.83	20.58		
10	64QAM	1	49	20.64	20.87	21.05		
10	64QAM	25	0	19.78	19.76	19.86	21	3
10	64QAM	25	12	19.71	19.75	19.86		
10	64QAM	25	25	19.90	19.61	20.07		
10	64QAM	50	0	19.87	19.80	19.78		
10	256QAM	1	0	17.83	17.85	17.87	19	5
10	256QAM	1	25	17.82	17.88	17.68		
10	256QAM	1	49	17.62	17.90	17.92		
10	256QAM	25	0	17.74	17.71	17.80	19	5
10	256QAM	25	12	17.95	17.85	17.82		
10	256QAM	25	25	17.73	17.78	17.84		
10	256QAM	50	0	17.75	17.75	18.05		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.66	22.83	22.79	24	0
5	QPSK	1	12	22.85	22.71	22.83		
5	QPSK	1	24	22.72	22.73	22.63		
5	QPSK	12	0	21.81	21.78	21.76	23	1
5	QPSK	12	7	21.71	21.97	21.77		
5	QPSK	12	13	21.72	21.70	21.68		
5	QPSK	25	0	21.72	21.85	21.70		
5	16QAM	1	0	21.99	22.16	22.15	23	1
5	16QAM	1	12	22.17	22.18	22.18		
5	16QAM	1	24	22.11	22.11	22.20		
5	16QAM	12	0	20.66	20.82	20.92	22	2
5	16QAM	12	7	20.68	20.91	20.70		
5	16QAM	12	13	20.72	20.70	20.82		
5	16QAM	25	0	20.84	20.71	20.90		
5	64QAM	1	0	20.72	20.76	20.68	22	2
5	64QAM	1	12	20.87	20.86	20.78		
5	64QAM	1	24	20.67	20.90	20.99		
5	64QAM	12	0	19.73	19.94	19.82	21	3
5	64QAM	12	7	19.78	19.94	19.80		
5	64QAM	12	13	19.89	19.82	19.87		
5	64QAM	25	0	19.89	19.85	19.93		
5	256QAM	1	0	17.68	17.81	17.93	19	5
5	256QAM	1	12	17.84	17.81	17.61		
5	256QAM	1	24	17.58	18.02	17.80		
5	256QAM	12	0	17.85	17.78	17.82	19	5
5	256QAM	12	7	17.89	17.86	17.82		
5	256QAM	12	13	17.78	17.83	17.82		
5	256QAM	25	0	17.86	17.74	17.98		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.82	22.85	22.83	24	0
3	QPSK	1	8	22.74	22.76	22.66		
3	QPSK	1	14	22.78	22.80	22.66		
3	QPSK	8	0	21.76	22.00	21.77	23	1
3	QPSK	8	4	21.72	21.91	21.98		
3	QPSK	8	7	21.75	21.82	21.65		
3	QPSK	15	0	21.73	21.86	21.78		
3	16QAM	1	0	22.18	22.04	22.13	23	1
3	16QAM	1	8	22.10	22.21	22.01		
3	16QAM	1	14	22.14	22.17	22.23		
3	16QAM	8	0	20.66	20.87	20.86	22	2
3	16QAM	8	4	20.60	21.03	20.84		
3	16QAM	8	7	20.85	20.77	20.89		
3	16QAM	15	0	20.85	20.80	20.97		
3	64QAM	1	0	20.77	20.91	20.78	22	2
3	64QAM	1	8	20.65	20.95	20.69		
3	64QAM	1	14	20.71	20.86	20.88		
3	64QAM	8	0	19.78	19.78	19.70	21	3
3	64QAM	8	4	19.64	19.98	19.90		
3	64QAM	8	7	19.87	19.98	19.94		
3	64QAM	15	0	19.81	19.79	19.90		
3	256QAM	1	0	17.71	17.76	18.00	19	5
3	256QAM	1	8	17.63	17.94	17.63		
3	256QAM	1	14	17.66	17.99	17.93		
3	256QAM	8	0	17.88	17.80	17.71	19	5
3	256QAM	8	4	17.75	17.75	17.95		
3	256QAM	8	7	17.84	17.73	17.81		
3	256QAM	15	0	17.84	17.73	17.99		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.69	22.82	22.63	24	0
1.4	QPSK	1	3	22.84	22.75	22.71		
1.4	QPSK	1	5	22.74	22.67	22.69		
1.4	QPSK	3	0	22.73	22.79	22.77		
1.4	QPSK	3	1	22.72	22.67	22.79		
1.4	QPSK	3	3	22.64	22.70	22.64		
1.4	QPSK	6	0	21.74	21.85	21.62	23	1
1.4	16QAM	1	0	21.58	21.82	21.56	23	1
1.4	16QAM	1	3	21.84	21.83	21.66		
1.4	16QAM	1	5	21.82	21.58	21.68		
1.4	16QAM	3	0	21.66	21.81	21.72		
1.4	16QAM	3	1	21.77	21.70	21.82		
1.4	16QAM	3	3	21.63	21.82	21.63		
1.4	16QAM	6	0	20.80	20.71	20.61	22	2
1.4	64QAM	1	0	20.78	20.87	20.61	22	2
1.4	64QAM	1	3	20.84	20.66	20.82		
1.4	64QAM	1	5	20.72	20.59	20.65		
1.4	64QAM	3	0	20.74	20.81	20.80		
1.4	64QAM	3	1	20.60	20.77	20.76		
1.4	64QAM	3	3	20.53	20.70	20.74		
1.4	64QAM	6	0	19.55	19.65	19.70	21	3
1.4	256QAM	1	0	17.62	17.76	17.57	19	5
1.4	256QAM	1	3	17.78	17.81	17.72		
1.4	256QAM	1	5	17.76	17.57	17.68		
1.4	256QAM	3	0	17.81	17.83	17.68		
1.4	256QAM	3	1	17.73	17.74	17.73		
1.4	256QAM	3	3	17.63	17.72	17.61		
1.4	256QAM	6	0	17.71	17.78	17.74	19	5

Band 4 Ant1

BW [MHz]	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	22.80	22.86	22.84	24	0
20	QPSK	1	49	22.81	22.84	22.74		
20	QPSK	1	99	22.85	22.82	22.79		
20	QPSK	50	0	21.90	21.92	21.86	23	1
20	QPSK	50	24	21.80	21.73	21.70		
20	QPSK	50	50	21.78	21.81	21.75		
20	QPSK	100	0	21.82	21.90	21.77		
20	16QAM	1	0	21.78	21.77	21.86	23	1
20	16QAM	1	49	21.71	21.89	21.65		
20	16QAM	1	99	21.80	21.72	21.75		
20	16QAM	50	0	20.77	20.94	20.72	22	2
20	16QAM	50	24	20.70	20.75	20.73		
20	16QAM	50	50	20.84	20.75	20.80		
20	16QAM	100	0	20.77	20.91	20.84		
20	64QAM	1	0	20.69	20.82	20.90	22	2
20	64QAM	1	49	20.73	20.85	20.63		
20	64QAM	1	99	20.84	20.80	20.69		
20	64QAM	50	0	19.90	19.86	19.77	21	3
20	64QAM	50	24	19.87	19.79	19.68		
20	64QAM	50	50	19.78	19.90	19.90		
20	64QAM	100	0	19.80	19.82	19.71		
20	256QAM	1	0	17.91	17.77	17.84	19	5
20	256QAM	1	49	17.91	17.83	17.80		
20	256QAM	1	99	17.87	17.80	17.83		
20	256QAM	50	0	17.88	17.98	17.75	19	5
20	256QAM	50	24	17.75	17.89	17.69		
20	256QAM	50	50	17.78	17.71	17.82		
20	256QAM	100	0	17.91	17.89	17.70		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.80	22.74	22.77	24	0
15	QPSK	1	37	22.72	22.82	22.64		
15	QPSK	1	74	22.79	22.78	22.60		
15	QPSK	36	0	21.69	21.76	21.71	23	1
15	QPSK	36	20	21.81	21.75	21.60		
15	QPSK	36	39	21.66	21.76	21.56		
15	QPSK	75	0	21.67	21.79	21.74		
15	16QAM	1	0	21.71	21.60	21.74	23	1
15	16QAM	1	37	21.49	21.88	21.54		
15	16QAM	1	74	21.59	21.55	21.65		
15	16QAM	36	0	20.64	20.89	20.51	22	2
15	16QAM	36	20	20.66	20.60	20.72		
15	16QAM	36	39	20.70	20.64	20.71		
15	16QAM	75	0	20.66	20.93	20.82		
15	64QAM	1	0	20.66	20.76	20.83	22	2
15	64QAM	1	37	20.73	20.67	20.53		
15	64QAM	1	74	20.66	20.70	20.54		
15	64QAM	36	0	19.87	19.72	19.56	21	3
15	64QAM	36	20	19.73	19.58	19.50		
15	64QAM	36	39	19.59	19.70	19.79		
15	64QAM	75	0	19.68	19.81	19.57		
15	256QAM	1	0	17.80	17.71	17.78	19	5
15	256QAM	1	37	17.72	17.69	17.78		
15	256QAM	1	74	17.79	17.73	17.84		
15	256QAM	36	0	17.66	17.90	17.70	19	5
15	256QAM	36	20	17.54	17.67	17.68		
15	256QAM	36	39	17.68	17.70	17.75		
15	256QAM	75	0	17.79	17.77	17.60		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.70	22.75	22.82	24	0
10	QPSK	1	25	22.78	22.69	22.74		
10	QPSK	1	49	22.80	22.61	22.67		
10	QPSK	25	0	21.69	21.85	21.68	23	1
10	QPSK	25	12	21.61	21.74	21.68		
10	QPSK	25	25	21.61	21.85	21.72		
10	QPSK	50	0	21.70	21.69	21.72		
10	16QAM	1	0	21.63	21.69	21.74	23	1
10	16QAM	1	25	21.65	21.89	21.49		
10	16QAM	1	49	21.71	21.62	21.72		
10	16QAM	25	0	20.56	20.92	20.61	22	2
10	16QAM	25	12	20.49	20.61	20.57		
10	16QAM	25	25	20.78	20.58	20.60		
10	16QAM	50	0	20.76	20.79	20.73		
10	64QAM	1	0	20.50	20.70	20.82	22	2
10	64QAM	1	25	20.74	20.79	20.60		
10	64QAM	1	49	20.81	20.76	20.60		
10	64QAM	25	0	19.70	19.82	19.67	21	3
10	64QAM	25	12	19.75	19.75	19.68		
10	64QAM	25	25	19.62	19.71	19.74		
10	64QAM	50	0	19.63	19.68	19.73		
10	256QAM	1	0	17.83	17.64	17.84	19	5
10	256QAM	1	25	17.73	17.83	17.76		
10	256QAM	1	49	17.83	17.68	17.67		
10	256QAM	25	0	17.72	17.78	17.77	19	5
10	256QAM	25	12	17.71	17.85	17.59		
10	256QAM	25	25	17.79	17.72	17.62		
10	256QAM	50	0	17.72	17.67	17.66		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.73	22.73	22.85	24	0
5	QPSK	1	12	22.73	22.76	22.64		
5	QPSK	1	24	22.69	22.70	22.62		
5	QPSK	12	0	21.90	21.90	21.77	23	1
5	QPSK	12	7	21.64	21.75	21.68		
5	QPSK	12	13	21.67	21.68	21.74		
5	QPSK	25	0	21.72	21.77	21.60		
5	16QAM	1	0	21.61	21.77	21.65	23	1
5	16QAM	1	12	21.67	21.70	21.66		
5	16QAM	1	24	21.63	21.58	21.71		
5	16QAM	12	0	20.60	20.76	20.57	22	2
5	16QAM	12	7	20.69	20.57	20.72		
5	16QAM	12	13	20.68	20.68	20.65		
5	16QAM	25	0	20.69	20.83	20.83		
5	64QAM	1	0	20.49	20.72	20.76	22	2
5	64QAM	1	12	20.59	20.73	20.60		
5	64QAM	1	24	20.80	20.60	20.71		
5	64QAM	12	0	19.86	19.83	19.66	21	3
5	64QAM	12	7	19.75	19.65	19.55		
5	64QAM	12	13	19.68	19.77	19.71		
5	64QAM	25	0	19.76	19.73	19.67		
5	256QAM	1	0	17.71	17.63	17.78	19	5
5	256QAM	1	12	17.76	17.69	17.82		
5	256QAM	1	24	17.82	17.62	17.73		
5	256QAM	12	0	17.83	17.86	17.66	19	5
5	256QAM	12	7	17.75	17.88	17.48		
5	256QAM	12	13	17.59	17.67	17.73		
5	256QAM	25	0	17.80	17.71	17.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.75	22.71	22.80	24	0
3	QPSK	1	8	22.79	22.81	22.60		
3	QPSK	1	14	22.72	22.61	22.67		
3	QPSK	8	0	21.87	21.89	21.78	23	1
3	QPSK	8	4	21.81	21.66	21.69		
3	QPSK	8	7	21.58	21.74	21.67		
3	QPSK	15	0	21.70	21.77	21.64		
3	16QAM	1	0	21.56	21.71	21.82	23	1
3	16QAM	1	8	21.65	21.74	21.47		
3	16QAM	1	14	21.69	21.67	21.74		
3	16QAM	8	0	20.60	20.84	20.63	22	2
3	16QAM	8	4	20.65	20.61	20.63		
3	16QAM	8	7	20.82	20.53	20.82		
3	16QAM	15	0	20.68	20.90	20.85		
3	64QAM	1	0	20.51	20.71	20.83	22	2
3	64QAM	1	8	20.65	20.69	20.59		
3	64QAM	1	14	20.71	20.75	20.47		
3	64QAM	8	0	19.77	19.81	19.60	21	3
3	64QAM	8	4	19.66	19.79	19.52		
3	64QAM	8	7	19.60	19.87	19.77		
3	64QAM	15	0	19.59	19.76	19.57		
3	256QAM	1	0	17.73	17.74	17.64	19	5
3	256QAM	1	8	17.83	17.83	17.78		
3	256QAM	1	14	17.67	17.62	17.66		
3	256QAM	8	0	17.76	17.83	17.72	19	5
3	256QAM	8	4	17.55	17.87	17.62		
3	256QAM	8	7	17.72	17.62	17.82		
3	256QAM	15	0	17.74	17.79	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	22.62	22.73	22.72	24	0
1.4	QPSK	1	3	22.66	22.74	22.81		
1.4	QPSK	1	5	22.76	22.69	22.65		
1.4	QPSK	3	0	22.77	22.68	22.81		
1.4	QPSK	3	1	22.76	22.66	22.84		
1.4	QPSK	3	3	22.61	22.78	22.70		
1.4	QPSK	6	0	21.80	21.95	21.73	23	1
1.4	16QAM	1	0	21.87	21.95	21.77	23	1
1.4	16QAM	1	3	21.80	21.81	21.92		
1.4	16QAM	1	5	21.84	21.92	21.96		
1.4	16QAM	3	0	21.91	21.77	21.74		
1.4	16QAM	3	1	21.76	21.79	21.79		
1.4	16QAM	3	3	21.73	21.81	21.80		
1.4	16QAM	6	0	20.82	20.96	20.89	22	2
1.4	64QAM	1	0	20.71	20.80	20.76	22	2
1.4	64QAM	1	3	20.84	20.88	20.77		
1.4	64QAM	1	5	20.69	20.80	20.88		
1.4	64QAM	3	0	20.86	20.83	20.74		
1.4	64QAM	3	1	20.69	20.92	20.89		
1.4	64QAM	3	3	20.89	20.81	20.81		
1.4	64QAM	6	0	19.87	19.94	19.74	21	3
1.4	256QAM	1	0	17.91	17.90	17.85	19	5
1.4	256QAM	1	3	17.79	17.77	17.89		
1.4	256QAM	1	5	17.70	17.82	17.94		
1.4	256QAM	3	0	17.79	17.93	17.81		
1.4	256QAM	3	1	17.85	17.87	17.88		
1.4	256QAM	3	3	17.72	17.76	17.83		
1.4	256QAM	6	0	17.87	17.82	17.90	19	5

Band 7 Ant1

BW [MHz]	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	22.78	22.84	22.76	24	0
20	QPSK	1	49	22.63	22.79	22.64		
20	QPSK	1	99	22.77	22.74	22.70		
20	QPSK	50	0	21.80	21.89	21.79	23	1
20	QPSK	50	24	21.82	21.83	21.77		
20	QPSK	50	50	21.82	21.79	21.73		
20	QPSK	100	0	21.84	21.86	21.65		
20	16QAM	1	0	21.71	21.86	21.75	23	1
20	16QAM	1	49	21.89	21.90	21.84		
20	16QAM	1	99	21.79	21.92	21.77		
20	16QAM	50	0	20.79	20.93	20.83	22	2
20	16QAM	50	24	20.82	20.93	20.69		
20	16QAM	50	50	20.83	20.96	20.68		
20	16QAM	100	0	20

Band 25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.90	22.93	22.85	24	0
20	QPSK	1	49	22.80	22.88	22.89		
20	QPSK	1	99	22.81	22.88	22.90		
20	QPSK	50	0	22.03	22.05	21.88	23	1
20	QPSK	50	24	21.94	22.00	21.99		
20	QPSK	50	50	21.87	21.93	21.90		
20	QPSK	100	0	21.99	22.04	21.83		
20	16QAM	1	0	22.18	22.31	22.29	23	1
20	16QAM	1	49	22.35	22.35	22.24		
20	16QAM	1	99	22.20	22.32	22.32		
20	16QAM	50	0	20.79	20.93	20.97	22	2
20	16QAM	50	24	20.82	21.07	20.89		
20	16QAM	50	50	20.83	20.98	21.02		
20	16QAM	100	0	20.96	20.92	21.00		
20	64QAM	1	0	20.77	20.91	20.93	22	2
20	64QAM	1	49	20.93	21.10	20.81		
20	64QAM	1	99	20.75	20.88	21.12		
20	64QAM	50	0	19.88	19.98	19.92	21	3
20	64QAM	50	24	19.76	20.00	20.04		
20	64QAM	50	50	19.92	19.86	20.11		
20	64QAM	100	0	19.96	19.91	20.02		
20	256QAM	1	0	17.89	17.96	18.13	19	5
20	256QAM	1	49	17.84	17.99	17.84		
20	256QAM	1	99	17.78	18.01	18.04		
20	256QAM	50	0	17.93	17.92	17.83	19	5
20	256QAM	50	24	18.00	17.91	18.00		
20	256QAM	50	50	17.91	17.97	17.98		
20	256QAM	100	0	17.93	17.90	18.13		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.85	22.78	22.74	24	0
15	QPSK	1	37	22.66	22.77	22.76		
15	QPSK	1	74	22.70	22.77	22.79		
15	QPSK	36	0	21.91	21.96	21.81	23	1
15	QPSK	36	20	21.81	21.88	21.88		
15	QPSK	36	39	21.78	21.85	21.76		
15	QPSK	75	0	21.87	21.92	21.78		
15	16QAM	1	0	22.10	22.22	22.23	23	1
15	16QAM	1	37	22.24	22.21	22.16		
15	16QAM	1	74	22.05	22.25	22.24		
15	16QAM	36	0	20.73	20.85	20.84	22	2
15	16QAM	36	20	20.71	21.01	20.81		
15	16QAM	36	39	20.75	20.91	20.97		
15	16QAM	75	0	20.86	20.84	20.91		
15	64QAM	1	0	20.67	20.84	20.80	22	2
15	64QAM	1	37	20.84	21.01	20.73		
15	64QAM	1	74	20.68	20.79	21.04		
15	64QAM	36	0	19.80	19.88	19.80	21	3
15	64QAM	36	20	19.65	19.88	19.96		
15	64QAM	36	39	19.82	19.71	19.98		
15	64QAM	75	0	19.83	19.79	19.93		
15	256QAM	1	0	17.81	17.83	18.00	19	5
15	256QAM	1	37	17.75	17.93	17.76		
15	256QAM	1	74	17.70	17.87	17.94		
15	256QAM	36	0	17.87	17.86	17.74	19	5
15	256QAM	36	20	17.86	17.80	17.85		
15	256QAM	36	39	17.89	17.87	17.93		
15	256QAM	75	0	17.85	17.85	18.01		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.79	22.79	22.71	24	0
10	QPSK	1	25	22.71	22.79	22.83		
10	QPSK	1	49	22.71	22.74	22.82		
10	QPSK	25	0	21.94	21.93	21.76	23	1
10	QPSK	25	12	21.89	21.94	21.94		
10	QPSK	25	25	21.75	21.80	21.79		
10	QPSK	50	0	21.84	21.92	21.71		
10	16QAM	1	0	22.12	22.24	22.21	23	1
10	16QAM	1	25	22.30	22.23	22.15		
10	16QAM	1	49	22.07	22.26	22.23		
10	16QAM	25	0	20.73	20.84	20.90	22	2
10	16QAM	25	12	20.69	20.96	20.83		
10	16QAM	25	25	20.73	20.92	20.90		
10	16QAM	50	0	20.90	20.82	20.91		
10	64QAM	1	0	20.71	20.80	20.85	22	2
10	64QAM	1	25	20.84	21.01	20.76		
10	64QAM	1	49	20.61	20.83	21.06		
10	64QAM	25	0	19.74	19.91	19.87	21	3
10	64QAM	25	12	19.66	19.89	19.96		
10	64QAM	25	25	19.80	19.78	20.06		
10	64QAM	50	0	19.87	19.83	19.95		
10	256QAM	1	0	17.78	17.85	18.02	19	5
10	256QAM	1	25	17.70	17.84	17.76		
10	256QAM	1	49	17.71	17.92	17.99		
10	256QAM	25	0	17.78	17.78	17.69	19	5
10	256QAM	25	12	17.82	17.81	17.89		
10	256QAM	25	25	17.85	17.87	17.91		
10	256QAM	50	0	17.88	17.79	18.05		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.81	22.84	22.77	24	0
5	QPSK	1	12	22.75	22.75	22.75		
5	QPSK	1	24	22.75	22.75	22.78		
5	QPSK	12	0	21.90	21.92	21.76	23	1
5	QPSK	12	7	21.81	21.89	21.90		
5	QPSK	12	13	21.74	21.85	21.84		
5	QPSK	25	0	21.87	21.91	21.78		
5	16QAM	1	0	22.11	22.21	22.18	23	1
5	16QAM	1	12	22.28	22.27	22.11		
5	16QAM	1	24	22.07	22.19	22.19		
5	16QAM	12	0	20.69	20.80	20.90	22	2
5	16QAM	12	7	20.76	20.92	20.83		
5	16QAM	12	13	20.73	20.88	20.95		
5	16QAM	25	0	20.90	20.85	20.89		
5	64QAM	1	0	20.68	20.78	20.80	22	2
5	64QAM	1	12	20.82	20.96	20.69		
5	64QAM	1	24	20.69	20.79	21.01		
5	64QAM	12	0	19.77	19.84	19.85	21	3
5	64QAM	12	7	19.63	19.94	19.97		
5	64QAM	12	13	19.80	19.76	20.06		
5	64QAM	25	0	19.87	19.80	19.93		
5	256QAM	1	0	17.76	17.85	18.05	19	5
5	256QAM	1	12	17.75	17.87	17.71		
5	256QAM	1	24	17.64	17.94	17.91		
5	256QAM	12	0	17.83	17.82	17.76	19	5
5	256QAM	12	7	17.90	17.83	17.94		
5	256QAM	12	13	17.89	17.91	17.92		
5	256QAM	25	0	17.78	17.76	17.99		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.76	22.86	22.70	24	0
3	QPSK	1	8	22.74	22.73	22.79		
3	QPSK	1	14	22.75	22.75	22.77		
3	QPSK	8	0	21.90	22.00	21.73	23	1
3	QPSK	8	4	21.81	21.95	21.87		
3	QPSK	8	7	21.78	21.80	21.82		
3	QPSK	15	0	21.87	21.99	21.72		
3	16QAM	1	0	22.09	22.23	22.21	23	1
3	16QAM	1	8	22.26	22.20	22.18		
3	16QAM	1	14	22.13	22.22	22.25		
3	16QAM	8	0	20.68	20.86	20.91	22	2
3	16QAM	8	4	20.73	20.92	20.74		
3	16QAM	8	7	20.74	20.88	20.95		
3	16QAM	15	0	20.83	20.83	20.91		
3	64QAM	1	0	20.70	20.82	20.80	22	2
3	64QAM	1	8	20.79	20.98	20.69		
3	64QAM	1	14	20.69	20.81	20.99		
3	64QAM	8	0	19.79	19.84	19.85	21	3
3	64QAM	8	4	19.64	19.92	19.90		
3	64QAM	8	7	19.87	19.75	20.01		
3	64QAM	15	0	19.87	19.82	19.93		
3	256QAM	1	0	17.81	17.87	18.06	19	5
3	256QAM	1	8	17.76	17.93	17.73		
3	256QAM	1	14	17.71	17.90	17.90		
3	256QAM	8	0	17.83	17.79	17.72	19	5
3	256QAM	8	4	17.86	17.86	17.92		
3	256QAM	8	7	17.92	17.83	17.88		
3	256QAM	15	0	17.80	17.78	17.98		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.82	22.86	22.72	24	0
1.4	QPSK	1	3	22.66	22.75	22.77		
1.4	QPSK	1	5	22.76	22.77	22.84		
1.4	QPSK	3	0	22.84	22.85	22.77		
1.4	QPSK	3	1	22.71	22.82	22.75		
1.4	QPSK	3	3	22.77	22.75	22.90		
1.4	QPSK	6	0	21.86	21.97	21.78	23	1
1.4	16QAM	1	0	22.07	22.22	22.17	23	1
1.4	16QAM	1	3	22.24	22.27	22.13		
1.4	16QAM	1	5	22.15	22.17	22.17		
1.4	16QAM	3	0	22.02	22.30	22.12		
1.4	16QAM	3	1	22.23	22.29	22.09		
1.4	16QAM	3	3	22.22	22.17	22.21		
1.4	16QAM	6	0	20.88	20.86	20.86	22	2
1.4	64QAM	1	0	20.70	20.83	20.85	22	2
1.4	64QAM	1	3	20.87	21.02	20.76		
1.4	64QAM	1	5	20.65	20.82	21.02		
1.4	64QAM	3	0	20.74	20.78	20.87		
1.4	64QAM	3	1	20.83	21.07	20.80		
1.4	64QAM	3	3	20.62	20.82	20.97		
1.4	64QAM	6	0	19.86	19.79	19.91	21	3
1.4	256QAM	1	0	17.81	17.86	18.03	19	5
1.4	256QAM	1	3	17.79	17.89	17.76		
1.4	256QAM	1	5	17.66	17.89	17.93		
1.4	256QAM	3	0	17.82	17.79	17.71		
1.4	256QAM	3	1	17.87	17.79	17.93		
1.4	256QAM	3	3	17.94	17.87	17.89		
1.4	256QAM	6	0	17.83	17.83	18.07	19	5

Band 66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.90	22.93	22.73	24	0
20	QPSK	1	49	22.71	22.90	22.67		
20	QPSK	1	99	22.85	22.83	22.63		
20	QPSK	50	0	21.83	22.03	21.79	23	1
20	QPSK	50	24	21.70	21.90	21.57		
20	QPSK	50	50	21.84	21.86	21.54		
20	QPSK	100	0	21.67	21.92	21.75		
20	16QAM	1	0	21.94	21.91	21.53	23	1
20	16QAM	1	49	21.60	21.88	21.76		
20	16QAM	1	99	21.92	21.77	21.72		
20	16QAM	50	0	20.70	20.92	20.61	22	2
20	16QAM	50	24	20.92	20.85	20.74		
20	16QAM	50	50	20.69	20.83	20.72		
20	16QAM	100	0	20.85	20.90	20.70		
20	64QAM	1	0	20.67	20.93	20.63	22	2
20	64QAM	1	49	20.72	20.84	20.65		
20	64QAM	1	99	20.82	20.85	20.56		
20	64QAM	50	0	19.62	19.88	19.58	21	3
20	64QAM	50	24	19.96	19.73	19.74		
20	64QAM	50	50	19.74	19.93	19.61		
20	64QAM	100	0	19.89	19.91	19.58		
20	256QAM	1	0	17.65	17.90	17.61	19	5
20	256QAM	1	49	17.93	17.79	17.63		
20	256QAM	1	99	17.71	17.85	17.66		
20	256QAM	50	0	17.95	17.92	17.60	19	5
20	256QAM	50	24	17.71	17.86	17.69		
20	256QAM	50	50	17.79	17.80	17.56		
20	256QAM	100	0	17.87	17.82	17.51		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.74	22.83	22.67	24	0
15	QPSK	1	37	22.67	22.70	22.76		
15	QPSK	1	74	22.76	22.78	22.47		
15	QPSK	36	0	21.64	22.14	21.70	23	1
15	QPSK	36	20	21.67	21.81	21.88		
15	QPSK	36	39	21.71	21.88	21.81		
15	QPSK	75	0	21.81	21.70	21.83		
15	16QAM	1	0	21.87	21.82	21.43	23	1
15	16QAM	1	37	21.63	21.76	21.71		
15	16QAM	1	74	21.76	21.78	21.75		
15	16QAM	36	0	20.72	20.74	20.45	22	2
15	16QAM	36	20	20.74	20.78	20.65		
15	16QAM	36	39	20.73	20.56	20.81		
15	16QAM	75	0	20.74	20.76	20.68		
15	64QAM	1	0	20.64	20.66	20.54	22	2
15	64QAM	1	37	20.46	20.74	20.43		
15	64QAM	1	74	20.79	20.85	20.40		
15	64QAM	36	0	19.58	19.67	19.61	21	3
15	64QAM	36	20	19.74	19.76	19.77		
15	64QAM	36	39	19.54	19.75	19.50		
15	64QAM	75	0	19.60	19.82	19.57		
15	256QAM	1	0	17.55	17.80	17.46	19	5
15	256QAM	1	37	17.68	17.70	17.87		
15	256QAM	1	74	17.47	17.66	17.45		
15	256QAM	36	0	17.71	17.92	17.52	19	5
15	256QAM	36	20	17.59	17.83	17.52		
15	256QAM	36	39	17.75	17.67	17.55		
15	256QAM	75	0	17.62	17.67	17.64		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.81	22.85	22.68	24	0
10	QPSK	1	25	22.64	22.74	22.49		
10	QPSK	1	49	22.87	22.81	22.50		
10	QPSK	25	0	21.65	21.86	21.78	23	1
10	QPSK	25	12	21.71	21.71	21.53		
10	QPSK	25	25	21.71	21.70	21.39		
10	QPSK	50	0	21.55	21.75	21.65		
10	16QAM	1	0	21.93	21.91	21.51	23	1
10	16QAM	1	25	21.51	21.82	21.75		
10	16QAM	1	49	21.73	21.60	21.56		
10	16QAM	25	0	20.48	20.84	20.60	22	2
10	16QAM	25	12	20.72	20.83	20.63		
10	16QAM	25	25	20.59	20.74	20.66		
10	16QAM	50	0	20.82	20.90	20.61		
10	64QAM	1	0	20.54	20.81	20.51	22	2
10	64QAM	1	25	20.53	20.68	20.66		
10	64QAM	1	49	20.63	20.74	20.48		
10	64QAM	25	0	19.52	19.75	19.43	21	3
10	64QAM	25	12	19.79	19.58	19.69		
10	64QAM	25	25	19.63	19.90	19.45		
10	64QAM	50	0	19.86	19.76	19.40		
10	256QAM	1	0	17.46	17.74	17.48	19	5
10	256QAM	1	25	17.86	17.78	17.62		
10	256QAM	1	49	17.72	17.81	17.61		
10	256QAM	25	0	17.95	17.73	17.96	19	5
10	256QAM	25	12	17.97	17.70	17.52		
10	256QAM	25	25	17.65	17.62	17.51		
10	256QAM	50	0	17.81	17.76	17.49		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.81	22.77	22.76	24	0
5	QPSK	1	12	22.62	22.66	22.48		
5	QPSK	1	24	22.73	22.73	22.48		
5	QPSK	12	0	21.63	21.89	21.76	23	1
5	QPSK	12	7	21.68	21.60	21.63		
5	QPSK	12	13	21.70	21.69	21.39		
5	QPSK	25	0	21.50	21.65	21.60		
5	16QAM	1	0	21.90	21.91	21.48	23	1
5	16QAM	1	12	21.61	21.92	21.76		
5	16QAM	1	24	21.82	21.53	21.50		
5	16QAM	12	0	20.44	20.86	20.50	22	2
5	16QAM	12	7	20.67	20.82	20.64		
5	16QAM	12	13	20.48	20.80	20.55		
5	16QAM	25	0	20.92	20.94	20.57		
5	64QAM	1	0	20.56	20.74	20.54	22	2
5	64QAM	1	12	20.49	20.66	20.71		
5	64QAM	1	24	20.71	20.78	20.41		
5	64QAM	12	0	19.63	19.82	19.51	21	3
5	64QAM	12	7	19.83	19.54	19.66		
5	64QAM	12	13	19.56	19.86	19.48		
5	64QAM	25	0	19.92	19.76	19.49		
5	256QAM	1	0	17.53	17.80	17.46	19	5
5	256QAM	1	12	17.77	17.89	17.61		
5	256QAM	1	24	17.67	17.79	17.62		
5	256QAM	12	0	17.85	17.74	17.54	19	5
5	256QAM	12	7	17.47	17.71	17.45		
5	256QAM	12	13	17.71	17.68	17.53		
5	256QAM	25	0	17.83	17.74	17.57		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.86	22.77	22.70	24	0
3	QPSK	1	8	22.59	22.80	22.69		
3	QPSK	1	14	22.83	22.80	22.42		
3	QPSK	8	0	21.77	22.05	21.63	23	1
3	QPSK	8	4	21.56	21.90	21.82		
3	QPSK	8	7	21.84	21.81	21.72		
3	QPSK	15	0	21.71	21.74	21.76		
3	16QAM	1	0	21.87	21.76	21.43	23	1
3	16QAM	1	8	21.60	21.73	21.73		
3	16QAM	1	14	21.76	21.76	21.72		
3	16QAM	8	0	20.70	20.84	20.49	22	2
3	16QAM	8	4	20.79	20.78	20.68		
3	16QAM	8	7	20.69	20.65	20.73		
3	16QAM	15	0	20.67	20.70	20.62		
3	64QAM	1	0	20.66	20.79	20.51	22	2
3	64QAM	1	8	20.51	20.72	20.52		
3	64QAM	1	14	20.81	20.79	20.53		
3	64QAM	8	0	19.59	19.67	19.57	21	3
3	64QAM	8	4	19.82	19.66	19.73		
3	64QAM	8	7	19.52	19.87	19.47		
3	64QAM	15	0	19.70	19.79	19.47		
3	256QAM	1	0	17.67	17.89	17.40	19	5
3	256QAM	1	8	17.73	17.67	17.55		
3	256QAM	1	14	17.55	17.79	17.51		
3	256QAM	8	0	17.74	17.85	17.47	19	5
3	256QAM	8	4	17.70	17.72	17.49		
3	256QAM	8	7	17.74	17.60	17.40		
3	256QAM	15	0	17.68	17.74	17.33		
Channel				131979	132322	132885	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.84	22.82	22.71	24	0
1.4	QPSK	1	3	22.79	22.87	22.64		
1.4	QPSK	1	5	22.74	22.90	22.72		
1.4	QPSK	3	0	22.72	22.76	22.60		
1.4	QPSK	3	1	22.77	22.72	22.74		
1.4	QPSK	3	3	22.70	22.84	22.53		
1.4	QPSK	6	0	21.94	21.97	21.71	23	1
1.4	16QAM	1	0	21.83	21.89	21.64	23	1
1.4	16QAM	1	3	21.83	22.01	21.84		
1.4	16QAM	1	5	21.79	21.90	21.66		
1.4	16QAM	3	0	22.01	21.89	21.83		
1.4	16QAM	3	1	21.88	21.83	21.80		
1.4	16QAM	3	3	21.94	21.95	21.65		
1.4	16QAM	6	0	20.86	20.90	20.81	22	2
1.4	64QAM	1	0	20.98	21.01	20.77	22	2
1.4	64QAM	1	3	20.97	21.04	20.71		
1.4	64QAM	1	5	20.87	20.98	20.83		
1.4	64QAM	3	0	20.89	20.96	20.76		
1.4	64QAM	3	1	21.01	20.99	20.81		
1.4	64QAM	3	3	20.97	21.01	20.83		
1.4	64QAM	6	0	19.92	19.93	19.71	21	3
1.4	256QAM	1	0	17.83	17.85	17.82	19	5
1.4	256QAM	1	3	17.95	17.95	17.71		
1.4	256QAM	1	5	17.89	17.94	17.77		
1.4	256QAM	3	0	17.94	17.88	17.84		
1.4	256QAM	3	1	17.84	17.85	17.63		
1.4	256QAM	3	3	17.92	17.90	17.72		
1.4	256QAM	6	0	17.78	17.90	17.62	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	22.99	23.03	22.87	24	0
20	QPSK	1	49	22.88	22.99	22.77		
20	QPSK	1	99	22.79	23.02	22.74		
20	QPSK	50	0	21.95	21.99	21.77	23	1
20	QPSK	50	24	21.98	21.90	21.85		
20	QPSK	50	50	21.73	21.95	21.75		
20	QPSK	100	0	21.85	21.93	21.76		
20	16QAM	1	0	21.82	22.07	21.69	23	1
20	16QAM	1	49	21.78	21.86	21.68		
20	16QAM	1	99	21.61	21.90	21.58		
20	16QAM	50	0	21.09	21.04	20.87	22	2
20	16QAM	50	24	20.98	21.10	20.94		
20	16QAM	50	50	20.96	21.02	20.74		
20	16QAM	100	0	20.81	21.10	20.79		
20	64QAM	1	0	21.06	21.06	20.91	22	2
20	64QAM	1	49	20.94	20.98	20.65		
20	64QAM	1	99	20.84	20.97	20.77		
20	64QAM	50	0	19.94	20.06	19.92	21	3
20	64QAM	50	24	20.02	20.00	19.96		
20	64QAM	50	50	19.90	20.11	19.80		
20	64QAM	100	0	19.78	19.97	19.82		
20	256QAM	1	0	18.00	18.01	17.76	19	5
20	256QAM	1	49	17.92	18.04	17.68		
20	256QAM	1	99	17.82	17.98	17.69		
20	256QAM	50	0	18.03	18.13	17.78	19	5
20	256QAM	50	24	17.99	17.97	17.93		
20	256QAM	50	50	17.82	18.11	17.78		
20	256QAM	100	0	17.89	18.01	17.72		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.92	23.00	22.83	24	0
15	QPSK	1	37	22.93	23.02	22.80		
15	QPSK	1	74	22.78	22.98	22.72		
15	QPSK	36	0	22.00	22.11	21.75	23	1
15	QPSK	36	20	21.97	22.10	21.92		
15	QPSK	36	39	21.81	21.88	21.76		
15	QPSK	75	0	21.91	21.90	21.77		
15	16QAM	1	0	21.87	22.00	21.62	23	1
15	16QAM	1	37	21.75	21.89	21.61		
15	16QAM	1	74	21.68	21.94	21.51		
15	16QAM	36	0	21.14	21.11	20.92	22	2
15	16QAM	36	20	20.94	21.09	20.96		
15	16QAM	36	39	20.97	21.06	20.75		
15	16QAM	75	0	20.83	21.07	20.83		
15	64QAM	1	0	21.04	21.03	20.90	22	2
15	64QAM	1	37	21.00	20.96	20.69		
15	64QAM	1	74	20.79	20.94	20.79		
15	64QAM	36	0	19.94	20.12	19.94	21	3
15	64QAM	36	20	19.97	19.99	19.89		
15	64QAM	36	39	19.84	20.09	19.86		
15	64QAM	75	0	19.70	19.92	19.87		
15	256QAM	1	0	18.04	17.99	17.82	19	5
15	256QAM	1	37	17.96	18.00	17.64		
15	256QAM	1	74	17.80	17.99	17.66		
15	256QAM	36	0	17.97	18.16	17.71	19	5
15	256QAM	36	20	17.95	17.99	17.91		
15	256QAM	36	39	17.85	18.15	17.83		
15	256QAM	75	0	17.84	18.07	17.73		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.98	22.88	22.89	24	0
10	QPSK	1	25	22.92	22.96	22.81		
10	QPSK	1	49	22.79	22.90	22.76		
10	QPSK	25	0	21.95	22.02	21.82	23	1
10	QPSK	25	12	21.95	22.01	21.77		
10	QPSK	25	25	21.61	21.95	21.76		
10	QPSK	50	0	21.82	21.93	21.73		
10	16QAM	1	0	21.88	21.93	21.55	23	1
10	16QAM	1	25	21.77	21.69	21.58		
10	16QAM	1	49	21.52	21.78	21.56		
10	16QAM	25	0	21.14	20.91	20.72	22	2
10	16QAM	25	12	20.92	21.01	20.83		
10	16QAM	25	25	20.85	20.88	20.65		
10	16QAM	50	0	20.74	21.13	20.67		
10	64QAM	1	0	21.00	20.99	20.76	22	2
10	64QAM	1	25	20.97	21.01	20.57		
10	64QAM	1	49	20.69	21.03	20.71		
10	64QAM	25	0	19.91	19.98	19.88	21	3
10	64QAM	25	12	19.97	19.96	19.82		
10	64QAM	25	25	19.76	20.01	19.83		
10	64QAM	50	0	19.64	20.01	19.65		
10	256QAM	1	0	17.84	17.92	17.69	19	5
10	256QAM	1	25	17.91	17.92	17.54		
10	256QAM	1	49	17.87	18.02	17.65		
10	256QAM	25	0	18.09	18.20	17.78	19	5
10	256QAM	25	12	17.98	17.95	17.77		
10	256QAM	25	25	17.79	17.97	17.85		
10	256QAM	50	0	17.83	17.96	17.62		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.00	23.02	22.91	24	0
5	QPSK	1	12	22.87	23.02	22.78		
5	QPSK	1	24	22.70	22.99	22.73		
5	QPSK	12	0	21.91	22.11	21.77	23	1
5	QPSK	12	7	21.92	22.03	21.85		
5	QPSK	12	13	21.65	21.91	21.69		
5	QPSK	25	0	21.82	21.98	21.77		
5	16QAM	1	0	21.86	21.96	21.67	23	1
5	16QAM	1	12	21.70	21.83	21.71		
5	16QAM	1	24	21.56	21.81	21.61		
5	16QAM	12	0	20.99	20.96	20.85	22	2
5	16QAM	12	7	20.99	21.11	20.87		
5	16QAM	12	13	20.86	21.00	20.68		
5	16QAM	25	0	20.72	21.13	20.77		
5	64QAM	1	0	21.02	21.02	20.82	22	2
5	64QAM	1	12	20.92	21.02	20.56		
5	64QAM	1	24	20.75	20.93	20.76		
5	64QAM	12	0	19.94	19.99	19.93	21	3
5	64QAM	12	7	20.03	19.89	19.98		
5	64QAM	12	13	19.80	20.01	19.77		
5	64QAM	25	0	19.75	19.95	19.85		
5	256QAM	1	0	17.94	17.95	17.72	19	5
5	256QAM	1	12	17.84	17.99	17.62		
5	256QAM	1	24	17.75	17.96	17.63		
5	256QAM	12	0	17.97	18.08	17.67	19	5
5	256QAM	12	7	17.95	17.87	17.95		
5	256QAM	12	13	17.82	18.03	17.80		
5	256QAM	25	0	17.88	17.92	17.73		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.02	22.83	23.05	22.93	23.02	24	0
20	QPSK	1	49	22.96	22.79	22.96	22.75	22.74		
20	QPSK	1	99	22.86	22.68	22.90	22.84	22.87		
20	QPSK	50	0	21.99	21.85	22.05	22.02	21.94	23	1
20	QPSK	50	24	21.97	21.87	22.00	21.84	21.73		
20	QPSK	50	50	21.95	21.74	21.95	21.93	21.81		
20	QPSK	100	0	21.91	21.82	22.10	21.73	21.87		
20	16QAM	1	0	21.93	21.85	22.10	21.86	22.00	23	1
20	16QAM	1	49	21.98	21.93	21.99	22.06	21.71		
20	16QAM	1	99	22.02	21.88	21.99	22.06	21.85		
20	16QAM	50	0	20.98	20.94	21.02	21.06	20.76	22	2
20	16QAM	50	24	21.08	20.75	20.85	20.67	20.92		
20	16QAM	50	50	20.79	20.59	20.91	20.92	20.78		
20	16QAM	100	0	21.00	20.86	21.11	21.01	21.08		
20	64QAM	1	0	20.95	20.80	21.02	21.04	20.84	22	2
20	64QAM	1	49	21.02	20.83	21.02	20.77	20.82		
20	64QAM	1	99	20.77	20.71	20.83	20.91	21.04		
20	64QAM	50	0	20.04	19.74	20.06	20.17	19.92	21	3
20	64QAM	50	24	20.10	19.89	20.17	20.04	19.96		
20	64QAM	50	50	19.89	19.81	20.05	19.82	19.73		
20	64QAM	100	0	19.92	19.71	19.96	19.94	19.99		
20	256QAM	1	0	18.00	17.88	17.97	18.03	18.01	19	5
20	256QAM	1	49	17.86	17.79	17.91	17.77	17.61		
20	256QAM	1	99	17.95	17.57	17.81	18.01	17.80		
20	256QAM	50	0	17.92	17.72	18.13	17.98	17.99	19	5
20	256QAM	50	24	18.04	17.80	18.11	18.04	17.88		
20	256QAM	50	50	17.85	17.70	18.07	17.64	17.90		
20	256QAM	100	0	17.77	17.56	17.90	17.93	17.75		
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	22.88	22.85	23.03	22.84	22.94	24	0
15	QPSK	1	37	22.86	22.71	22.85	22.61	22.63		
15	QPSK	1	74	22.79	22.58	22.83	22.81	22.83		
15	QPSK	36	0	21.95	21.77	22.03	21.96	21.88	23	1
15	QPSK	36	20	21.84	21.78	22.00	21.80	21.69		
15	QPSK	36	39	21.87	21.65	21.90	21.86	21.81		
15	QPSK	75	0	21.75	21.64	22.03	21.56	21.79		
15	16QAM	1	0	21.80	21.77	21.95	21.83	21.87	23	1
15	16QAM	1	37	21.85	21.84	21.83	22.06	21.72		
15	16QAM	1	74	21.86	21.83	21.95	21.89	21.78		
15	16QAM	36	0	20.85	20.84	20.94	20.99	20.67	22	2
15	16QAM	36	20	20.96	20.70	20.68	20.55	20.89		
15	16QAM	36	39	20.72	20.49	20.88	20.91	20.74		
15	16QAM	75	0	20.98	20.80	20.93	20.88	21.07		
15	64QAM	1	0	20.84	20.81	21.04	20.88	20.78	22	2
15	64QAM	1	37	20.87	20.66	20.90	20.73	20.80		
15	64QAM	1	74	20.62	20.54	20.82	20.73	20.89		
15	64QAM	36	0	19.93	19.72	19.88	20.16	19.81	21	3
15	64QAM	36	20	19.92	19.87	20.19	20.02	19.88		
15	64QAM	36	39	19.89	19.75	19.92	19.72	19.74		
15	64QAM	75	0	19.88	19.68	19.91	19.84	19.92		
15	256QAM	1	0	17.99	17.73	17.99	17.90	17.95	19	5
15	256QAM	1	37	17.82	17.75	17.87	17.74	17.61		
15	256QAM	1	74	17.80	17.53	17.69	17.93	17.73		
15	256QAM	36	0	17.76	17.71	18.00	17.85	17.98	19	5
15	256QAM	36	20	17.99	17.72	18.03	17.94	17.82		
15	256QAM	36	39	17.85	17.53	18.01	17.63	17.87		
15	256QAM	75	0	17.61	17.44	17.79	17.90	17.77		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.85	22.66	23.02	22.77	23.03	24	0
10	QPSK	1	25	22.82	22.62	22.89	22.58	22.56		
10	QPSK	1	49	22.73	22.67	22.90	22.68	22.85		
10	QPSK	25	0	21.97	21.68	22.03	21.95	21.80	23	1
10	QPSK	25	12	21.80	21.77	21.89	21.78	21.55		
10	QPSK	25	25	21.96	21.72	21.92	21.92	21.68		
10	QPSK	50	0	21.81	21.65	22.00	21.73	21.87		
10	16QAM	1	0	21.77	21.68	22.05	21.87	22.01	23	1
10	16QAM	1	25	21.90	21.85	21.85	21.91	21.70		
10	16QAM	1	49	21.91	21.74	22.00	22.08	21.67		
10	16QAM	25	0	20.92	20.81	20.97	20.93	20.66	22	2
10	16QAM	25	12	21.04	20.73	20.84	20.60	20.93		
10	16QAM	25	25	20.67	20.56	20.88	20.79	20.74		
10	16QAM	50	0	20.90	20.86	21.00	20.89	21.07		
10	64QAM	1	0	20.94	20.81	20.93	20.93	20.85	22	2
10	64QAM	1	25	21.00	20.71	21.03	20.61	20.67		
10	64QAM	1	49	20.65	20.58	20.67	20.74	20.88		
10	64QAM	25	0	19.97	19.66	20.04	19.99	19.93	21	3
10	64QAM	25	12	20.00	19.78	20.00	20.02	19.92		
10	64QAM	25	25	19.71	19.65	19.95	19.79	19.67		
10	64QAM	50	0	19.87	19.71	19.93	19.83	20.00		
10	256QAM	1	0	18.01	17.70	17.96	17.90	17.84	19	5
10	256QAM	1	25	17.87	17.65	17.82	17.68	17.52		
10	256QAM	1	49	17.82	17.59	17.64	18.00	17.80		
10	256QAM	25	0	17.74	17.68	17.98	17.94	18.00	19	5
10	256QAM	25	12	17.97	17.75	18.00	17.98	17.78		
10	256QAM	25	25	17.86	17.56	17.83	17.50	17.83		
10	256QAM	50	0	17.63	17.57	17.86	17.84	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	22.90	22.67	22.90	22.94	22.85	24	0
5	QPSK	1	12	22.92	22.73	22.86	22.77	22.74		
5	QPSK	1	24	22.78	22.54	22.73	22.70	22.80		
5	QPSK	12	0	21.93	21.78	22.06	21.98	21.81	23	1
5	QPSK	12	7	21.85	21.74	22.00	21.79	21.63		
5	QPSK	12	13	21.82	21.63	21.87	21.83	21.82		
5	QPSK	25	0	21.90	21.65	22.00	21.65	21.74		
5	16QAM	1	0	21.75	21.74	22.05	21.75	21.95	23	1
5	16QAM	1	12	21.82	21.77	21.90	22.02	21.67		
5	16QAM	1	24	22.01	21.88	21.93	22.06	21.67		
5	16QAM	12	0	20.99	20.87	20.89	21.01	20.59	22	2
5	16QAM	12	7	21.02	20.65	20.82	20.69	20.89		
5	16QAM	12	13	20.66	20.58	20.84	20.94	20.79		
5	16QAM	25	0	20.95	20.87	21.04	21.00	21.06		
5	64QAM	1	0	20.85	20.77	20.84	21.00	20.78	22	2
5	64QAM	1	12	20.97	20.72	21.02	20.74	20.82		
5	64QAM	1	24	20.60	20.68	20.85	20.89	20.86		
5	64QAM	12	0	19.92	19.64	20.02	20.13	19.93	21	3
5	64QAM	12	7	20.01	19.75	20.10	20.05	19.94		
5	64QAM	12	13	19.83	19.83	19.92	19.74	19.68		
5	64QAM	25	0	19.76	19.62	19.92	19.79	19.81		
5	256QAM	1	0	17.97	17.90	17.90	17.89	17.88	19	5
5	256QAM	1	12	17.85	17.81	17.87	17.62	17.50		
5	256QAM	1	24	17.78	17.58	17.81	17.91	17.78		
5	256QAM	12	0	17.86	17.70	18.05	17.99	17.94	19	5
5	256QAM	12	7	17.91	17.67	18.00	18.00	17.73		
5	256QAM	12	13	17.73	17.61	18.05	17.55	17.91		
5	256QAM	25	0	17.71	17.40	17.83	17.80	17.58		

Band 2 Ant4

BW [MHz]	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	22.38	22.44	22.34	24	0
20	QPSK	1	49	22.25	22.34	22.23		
20	QPSK	1	99	22.29	22.28	22.19		
20	QPSK	50	0	21.73	21.81	21.67	23	1
20	QPSK	50	24	21.80	21.75	21.67		
20	QPSK	50	50	21.65	21.79	21.60		
20	QPSK	100	0	21.70	21.83	21.64		
20	16QAM	1	0	21.76	21.74	21.60	23	1
20	16QAM	1	49	21.71	21.84	21.74		
20	16QAM	1	99	21.62	21.70	21.57		
20	16QAM	50	0	20.70	20.72	20.76	22	2
20	16QAM	50	24	20.69	20.82	20.61		
20	16QAM	50	50	20.76	20.72	20.67		
20	16QAM	100	0	20.67	20.72	20.65		
20	64QAM	1	0	20.64	20.74	20.57	22	2
20	64QAM	1	49	20.67	20.66	20.71		
20	64QAM	1	99	20.62	20.77	20.61		
20	64QAM	50	0	19.63	19.72	19.72	21	3
20	64QAM	50	24	19.74	19.75	19.76		
20	64QAM	50	50	19.69	19.69	19.61		
20	64QAM	100	0	19.78	19.85	19.73		
20	256QAM	1	0	17.66	17.83	17.63	19	5
20	256QAM	1	49	17.68	17.73	17.76		
20	256QAM	1	99	17.68	17.76	17.65		
20	256QAM	50	0	17.71	17.69	17.71	19	5
20	256QAM	50	24	17.72	17.71	17.68		
20	256QAM	50	50	17.63	17.67	17.75		
20	256QAM	100	0	17.62	17.78	17.67		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.18	22.33	22.14	24	0
15	QPSK	1	37	22.14	22.34	22.04		
15	QPSK	1	74	22.10	22.25	22.19		
15	QPSK	36	0	21.58	21.72	21.56	23	1
15	QPSK	36	20	21.79	21.72	21.45		
15	QPSK	36	39	21.43	21.62	21.40		
15	QPSK	75	0	21.65	21.79	21.57		
15	16QAM	1	0	21.72	21.70	21.47	23	1
15	16QAM	1	37	21.61	21.75	21.63		
15	16QAM	1	74	21.45	21.54	21.52		
15	16QAM	36	0	20.64	20.70	20.69	22	2
15	16QAM	36	20	20.52	20.60	20.53		
15	16QAM	36	39	20.56	20.50	20.67		
15	16QAM	75	0	20.52	20.51	20.52		
15	64QAM	1	0	20.60	20.52	20.54	22	2
15	64QAM	1	37	20.66	20.53	20.54		
15	64QAM	1	74	20.50	20.65	20.54		
15	64QAM	36	0	19.41	19.61	19.50	21	3
15	64QAM	36	20	19.54	19.69	19.55		
15	64QAM	36	39	19.66	19.68	19.39		
15	64QAM	75	0	19.57	19.63	19.52		
15	256QAM	1	0	17.63	17.63	17.51	19	5
15	256QAM	1	37	17.52	17.64	17.75		
15	256QAM	1	74	17.65	17.75	17.46		
15	256QAM	36	0	17.53	17.56	17.71	19	5
15	256QAM	36	20	17.59	17.64	17.48		
15	256QAM	36	39	17.44	17.56	17.67		
15	256QAM	75	0	17.43	17.71	17.46		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.25	22.35	22.18	24	0
10	QPSK	1	25	22.17	22.32	22.04		
10	QPSK	1	49	22.16	22.25	22.14		
10	QPSK	25	0	21.55	21.62	21.47	23	1
10	QPSK	25	12	21.59	21.66	21.65		
10	QPSK	25	25	21.53	21.57	21.53		
10	QPSK	50	0	21.69	21.64	21.64		
10	16QAM	1	0	21.57	21.69	21.40	23	1
10	16QAM	1	25	21.61	21.75	21.68		
10	16QAM	1	49	21.52	21.61	21.57		
10	16QAM	25	0	20.63	20.57	20.77	22	2
10	16QAM	25	12	20.58	20.82	20.59		
10	16QAM	25	25	20.78	20.50	20.54		
10	16QAM	50	0	20.64	20.58	20.64		
10	64QAM	1	0	20.56	20.56	20.50	22	2
10	64QAM	1	25	20.58	20.61	20.68		
10	64QAM	1	49	20.45	20.58	20.55		
10	64QAM	25	0	19.51	19.60	19.57	21	3
10	64QAM	25	12	19.56	19.67	19.75		
10	64QAM	25	25	19.51	19.68	19.42		
10	64QAM	50	0	19.62	19.75	19.63		
10	256QAM	1	0	17.57	17.76	17.60	19	5
10	256QAM	1	25	17.51	17.58	17.62		
10	256QAM	1	49	17.69	17.65	17.57		
10	256QAM	25	0	17.67	17.54	17.67	19	5
10	256QAM	25	12	17.71	17.69	17.53		
10	256QAM	25	25	17.55	17.60	17.70		
10	256QAM	50	0	17.53	17.65	17.53		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.23	22.35	22.26	24	0
5	QPSK	1	12	22.25	22.17	22.24		
5	QPSK	1	24	22.16	22.13	22.01		
5	QPSK	12	0	21.74	21.74	21.61	23	1
5	QPSK	12	7	21.77	21.72	21.48		
5	QPSK	12	13	21.58	21.57	21.54		
5	QPSK	25	0	21.69	21.79	21.66		
5	16QAM	1	0	21.58	21.55	21.45	23	1
5	16QAM	1	12	21.67	21.79	21.61		
5	16QAM	1	24	21.55	21.49	21.54		
5	16QAM	12	0	20.63	20.71	20.66	22	2
5	16QAM	12	7	20.62	20.83	20.46		
5	16QAM	12	13	20.60	20.73	20.67		
5	16QAM	25	0	20.67	20.52	20.50		
5	64QAM	1	0	20.47	20.70	20.43	22	2
5	64QAM	1	12	20.65	20.55	20.61		
5	64QAM	1	24	20.54	20.68	20.61		
5	64QAM	12	0	19.54	19.59	19.56	21	3
5	64QAM	12	7	19.59	19.61	19.58		
5	64QAM	12	13	19.70	19.55	19.49		
5	64QAM	25	0	19.78	19.75	19.63		
5	256QAM	1	0	17.52	17.69	17.53	19	5
5	256QAM	1	12	17.56	17.66	17.72		
5	256QAM	1	24	17.68	17.56	17.53		
5	256QAM	12	0	17.72	17.60	17.71	19	5
5	256QAM	12	7	17.52	17.58	17.66		
5	256QAM	12	13	17.60	17.63	17.67		
5	256QAM	25	0	17.45	17.64	17.62		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.17	22.29	22.27	24	0
3	QPSK	1	8	22.03	22.19	22.01		
3	QPSK	1	14	22.21	22.27	22.10		
3	QPSK	8	0	21.61	21.72	21.67	23	1
3	QPSK	8	4	21.79	21.64	21.53		
3	QPSK	8	7	21.45	21.64	21.62		
3	QPSK	15	0	21.58	21.73	21.44		
3	16QAM	1	0	21.69	21.66	21.39	23	1
3	16QAM	1	8	21.59	21.81	21.54		
3	16QAM	1	14	21.56	21.67	21.58		
3	16QAM	8	0	20.56	20.56	20.63	22	2
3	16QAM	8	4	20.55	20.77	20.52		
3	16QAM	8	7	20.68	20.61	20.52		
3	16QAM	15	0	20.65	20.55	20.44		
3	64QAM	1	0	20.64	20.61	20.52	22	2
3	64QAM	1	8	20.56	20.63	20.60		
3	64QAM	1	14	20.60	20.71	20.57		
3	64QAM	8	0	19.56	19.60	19.54	21	3
3	64QAM	8	4	19.65	19.62	19.73		
3	64QAM	8	7	19.48	19.53	19.59		
3	64QAM	15	0	19.79	19.66	19.53		
3	256QAM	1	0	17.50	17.78	17.57	19	5
3	256QAM	1	8	17.46	17.57	17.65		
3	256QAM	1	14	17.62	17.56	17.66		
3	256QAM	8	0	17.50	17.51	17.53	19	5
3	256QAM	8	4	17.58	17.64	17.69		
3	256QAM	8	7	17.58	17.54	17.65		
3	256QAM	15	0	17.54	17.69	17.64		
Channel				18607	18900	19192	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.19	22.39	22.27	24	0
1.4	QPSK	1	3	22.12	22.32	22.08		
1.4	QPSK	1	5	22.18	22.11	22.14		
1.4	QPSK	3	0	22.18	22.38	22.26		
1.4	QPSK	3	1	22.11	22.31	22.07		
1.4	QPSK	3	3	22.17	22.10	22.13		
1.4	QPSK	6	0	21.64	21.78	21.58	23	1
1.4	16QAM	1	0	21.65	21.54	21.55	23	1
1.4	16QAM	1	3	21.50	21.78	21.65		
1.4	16QAM	1	5	21.49	21.53	21.59		
1.4	16QAM	3	0	21.51	21.69	21.53		
1.4	16QAM	3	1	21.56	21.37	21.44		
1.4	16QAM	3	3	21.32	21.68	21.53		
1.4	16QAM	6	0	20.65	20.69	20.47	22	2
1.4	64QAM	1	0	20.50	20.52	20.38	22	2
1.4	64QAM	1	3	20.68	20.50	20.60		
1.4	64QAM	1	5	20.49	20.71	20.40		
1.4	64QAM	3	0	20.29	20.41	20.32		
1.4	64QAM	3	1	20.51	20.41	20.52		
1.4	64QAM	3	3	20.38	20.50	20.39		
1.4	64QAM	6	0	19.57	19.80	19.72	21	3
1.4	256QAM	1	0	17.64	17.82	17.61	19	5
1.4	256QAM	1	3	17.66	17.57	17.70		
1.4	256QAM	1	5	17.47	17.69	17.67		
1.4	256QAM	3	0	17.71	17.48	17.57		
1.4	256QAM	3	1	17.73	17.55	17.70		
1.4	256QAM	3	3	17.57	17.58	17.74		
1.4	256QAM	6	0	17.42	17.77	17.68	19	5

Band 4 Ant4

BW [MHz]	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	22.48	22.52	22.50	24	0
20	QPSK	1	49	22.48	22.36	22.36		
20	QPSK	1	99	22.34	22.51	22.49		
20	QPSK	50	0	21.60	21.67	21.58	23	1
20	QPSK	50	24	21.50	21.49	21.47		
20	QPSK	50	50	21.47	21.56	21.44		
20	QPSK	100	0	21.63	21.64	21.59		
20	16QAM	1	0	21.49	21.64	21.47	23	1
20	16QAM	1	49	21.56	21.66	21.43		
20	16QAM	1	99	21.57	21.45	21.50		
20	16QAM	50	0	20.47	20.60	20.47	22	2
20	16QAM	50	24	20.41	20.49	20.49		
20	16QAM	50	50	20.52	20.55	20.57		
20	16QAM	100	0	20.51	20.66	20.38		
20	64QAM	1	0	20.52	20.50	20.38	22	2
20	64QAM	1	49	20.50	20.56	20.58		
20	64QAM	1	99	20.56	20.58	20.62		
20	64QAM	50	0	19.51	19.51	19.46	21	3
20	64QAM	50	24	19.46	19.59	19.52		
20	64QAM	50	50	19.55	19.61	19.53		
20	64QAM	100	0	19.50	19.52	19.56		
20	256QAM	1	0	17.43	17.66	17.61	19	5
20	256QAM	1	49	17.44	17.43	17.40		
20	256QAM	1	99	17.45	17.45	17.45		
20	256QAM	50	0	17.56	17.51	17.56	19	5
20	256QAM	50	24	17.56	17.48	17.38		
20	256QAM	50	50	17.46	17.47	17.39		
20	256QAM	100	0	17.38	17.57	17.60		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.39	22.45	22.30	24	0
15	QPSK	1	37	22.41	22.18	22.31		
15	QPSK	1	74	22.18	22.47	22.45		
15	QPSK	36	0	21.57	21.53	21.56	23	1
15	QPSK	36	20	21.31	21.40	21.34		
15	QPSK	36	39	21.46	21.49	21.27		
15	QPSK	75	0	21.54	21.48	21.57		
15	16QAM	1	0	21.43	21.63	21.32	23	1
15	16QAM	1	37	21.45	21.63	21.41		
15	16QAM	1	74	21.51	21.44	21.44		
15	16QAM	36	0	20.39	20.39	20.36	22	2
15	16QAM	36	20	20.28	20.43	20.42		
15	16QAM	36	39	20.53	20.45	20.44		
15	16QAM	75	0	20.31	20.43	20.22		
15	64QAM	1	0	20.42	20.38	20.23	22	2
15	64QAM	1	37	20.35	20.54	20.52		
15	64QAM	1	74	20.35	20.39	20.50		
15	64QAM	36	0	19.30	19.40	19.38	21	3
15	64QAM	36	20	19.44	19.56	19.47		
15	64QAM	36	39	19.43	19.52	19.53		
15	64QAM	75	0	19.28	19.41	19.49		
15	256QAM	1	0	17.45	17.67	17.51	19	5
15	256QAM	1	37	17.39	17.23	17.20		
15	256QAM	1	74	17.23	17.27	17.30		
15	256QAM	36	0	17.34	17.38	17.37	19	5
15	256QAM	36	20	17.58	17.48	17.26		
15	256QAM	36	39	17.34	17.32	17.39		
15	256QAM	75	0	17.32	17.58	17.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.40	22.37	22.41	24	0
10	QPSK	1	25	22.38	22.32	22.21		
10	QPSK	1	49	22.26	22.35	22.33		
10	QPSK	25	0	21.53	21.47	21.51	23	1
10	QPSK	25	12	21.47	21.41	21.39		
10	QPSK	25	25	21.27	21.55	21.23		
10	QPSK	50	0	21.64	21.51	21.59		
10	16QAM	1	0	21.38	21.46	21.44	23	1
10	16QAM	1	25	21.51	21.57	21.31		
10	16QAM	1	49	21.49	21.24	21.34		
10	16QAM	25	0	20.46	20.59	20.39	22	2
10	16QAM	25	12	20.41	20.30	20.45		
10	16QAM	25	25	20.42	20.56	20.47		
10	16QAM	50	0	20.43	20.64	20.26		
10	64QAM	1	0	20.43	20.37	20.32	22	2
10	64QAM	1	25	20.29	20.36	20.58		
10	64QAM	1	49	20.38	20.50	20.44		
10	64QAM	25	0	19.53	19.38	19.37	21	3
10	64QAM	25	12	19.37	19.44	19.49		
10	64QAM	25	25	19.52	19.41	19.32		
10	64QAM	50	0	19.51	19.40	19.49		
10	256QAM	1	0	17.32	17.66	17.50	19	5
10	256QAM	1	25	17.24	17.39	17.38		
10	256QAM	1	49	17.46	17.29	17.26		
10	256QAM	25	0	17.48	17.44	17.36	19	5
10	256QAM	25	12	17.52	17.33	17.18		
10	256QAM	25	25	17.33	17.45	17.28		
10	256QAM	50	0	17.36	17.58	17.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.46	22.36	22.32	24	0
5	QPSK	1	12	22.39	22.23	22.31		
5	QPSK	1	24	22.16	22.41	22.49		
5	QPSK	12	0	21.45	21.65	21.50	23	1
5	QPSK	12	7	21.39	21.28	21.49		
5	QPSK	12	13	21.45	21.53	21.29		
5	QPSK	25	0	21.53	21.58	21.60		
5	16QAM	1	0	21.36	21.52	21.49	23	1
5	16QAM	1	12	21.42	21.60	21.42		
5	16QAM	1	24	21.36	21.30	21.35		
5	16QAM	12	0	20.36	20.39	20.32	22	2
5	16QAM	12	7	20.30	20.47	20.43		
5	16QAM	12	13	20.42	20.49	20.46		
5	16QAM	25	0	20.39	20.67	20.37		
5	64QAM	1	0	20.34	20.33	20.35	22	2
5	64QAM	1	12	20.36	20.50	20.46		
5	64QAM	1	24	20.53	20.47	20.64		
5	64QAM	12	0	19.34	19.51	19.35	21	3
5	64QAM	12	7	19.26	19.47	19.50		
5	64QAM	12	13	19.39	19.63	19.36		
5	64QAM	25	0	19.38	19.31	19.56		
5	256QAM	1	0	17.30	17.47	17.50	19	5
5	256QAM	1	12	17.45	17.31	17.28		
5	256QAM	1	24	17.24	17.26	17.24		
5	256QAM	12	0	17.34	17.32	17.35	19	5
5	256QAM	12	7	17.48	17.28	17.30		
5	256QAM	12	13	17.34	17.36	17.37		
5	256QAM	25	0	17.27	17.35	17.54		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.29	22.41	22.34	24	0
3	QPSK	1	8	22.43	22.24	22.28		
3	QPSK	1	14	22.15	22.51	22.35		
3	QPSK	8	0	21.46	21.54	21.51	23	1
3	QPSK	8	4	21.41	21.37	21.45		
3	QPSK	8	7	21.39	21.46	21.46		
3	QPSK	15	0	21.54	21.65	21.47		
3	16QAM	1	0	21.34	21.45	21.44	23	1
3	16QAM	1	8	21.46	21.65	21.45		
3	16QAM	1	14	21.52	21.36	21.44		
3	16QAM	8	0	20.38	20.45	20.38	22	2
3	16QAM	8	4	20.42	20.46	20.28		
3	16QAM	8	7	20.52	20.46	20.43		
3	16QAM	15	0	20.39	20.47	20.17		
3	64QAM	1	0	20.50	20.32	20.37	22	2
3	64QAM	1	8	20.48	20.38	20.51		
3	64QAM	1	14	20.48	20.45	20.50		
3	64QAM	8	0	19.48	19.48	19.26	21	3
3	64QAM	8	4	19.32	19.61	19.48		
3	64QAM	8	7	19.52	19.56	19.38		
3	64QAM	15	0	19.49	19.47	19.45		
3	256QAM	1	0	17.45	17.47	17.43	19	5
3	256QAM	1	8	17.30	17.38	17.35		
3	256QAM	1	14	17.31	17.33	17.36		
3	256QAM	8	0	17.57	17.47	17.44	19	5
3	256QAM	8	4	17.44	17.49	17.28		
3	256QAM	8	7	17.46	17.28	17.30		
3	256QAM	15	0	17.32	17.53	17.50		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.29	22.50	22.32	24	0
1.4	QPSK	1	3	22.48	22.24	22.34		
1.4	QPSK	1	5	22.17	22.51	22.44		
1.4	QPSK	3	0	22.13	22.48	22.24		
1.4	QPSK	3	1	22.27	22.21	22.14		
1.4	QPSK	3	3	22.15	22.49	22.34		
1.4	QPSK	6	0	21.47	21.57	21.49	23	1
1.4	16QAM	1	0	21.44	21.59	21.29	23	1
1.4	16QAM	1	3	21.50	21.46	21.39		
1.4	16QAM	1	5	21.36	21.33	21.44		
1.4	16QAM	3	0	21.46	21.45	21.08		
1.4	16QAM	3	1	21.52	21.28	21.35		
1.4	16QAM	3	3	21.32	21.32	21.28		
1.4	16QAM	6	0	20.41	20.66	20.34	22	2
1.4	64QAM	1	0	20.34	20.46	20.30	22	2
1.4	64QAM	1	3	20.39	20.57	20.59		
1.4	64QAM	1	5	20.48	20.53	20.51		
1.4	64QAM	3	0	20.15	20.34	20.20		
1.4	64QAM	3	1	20.21	20.38	20.46		
1.4	64QAM	3	3	20.38	20.38	20.43		
1.4	64QAM	6	0	19.43	19.50	19.38	21	3
1.4	256QAM	1	0	17.32	17.66	17.41	19	5
1.4	256QAM	1	3	17.23	17.26	17.34		
1.4	256QAM	1	5	17.42	17.40	17.24		
1.4	256QAM	3	0	17.43	17.53	17.53		
1.4	256QAM	3	1	17.44	17.27	17.17		
1.4	256QAM	3	3	17.25	17.39	17.28		
1.4	256QAM	6	0	17.21	17.53	17.59	19	5

Band 5 Ant4

BW [MHz]	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	22.45	22.59	22.47	24	0
10	QPSK	1	25	22.35	22.57	22.41		
10	QPSK	1	49	22.36	22.46	22.48		
10	QPSK	25	0	21.52	21.57	21.45	23	1
10	QPSK	25	12	21.44	21.55	21.56		
10	QPSK	25	25	21.44	21.53	21.49		
10	QPSK	50	0	21.49	21.56	21.40		
10	16QAM	1	0	21.54	21.67	21.44	23	1
10	16QAM	1	25	21.52	21.53	21.59		
10	16QAM	1	49	21.53	21.49	21.46		
10	16QAM	25	0	20.55	20.65	20.52	22	2
10	16QAM	25	12	20.42	20.69	20.30		
10	16QAM	25	25	20.45	20.30	20.38		
10	16QAM	50	0	20

Band 7 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.63	22.73	22.58	24	0
20	QPSK	1	49	22.59	22.65	22.36		
20	QPSK	1	99	22.57	22.63	22.55		
20	QPSK	50	0	21.55	21.73	21.66	23	1
20	QPSK	50	24	21.60	21.70	21.68		
20	QPSK	50	50	21.66	21.66	21.52		
20	QPSK	100	0	21.61	21.74	21.56		
20	16QAM	1	0	21.65	21.83	21.65	23	1
20	16QAM	1	49	21.52	21.74	21.42		
20	16QAM	1	99	21.58	21.55	21.45		
20	16QAM	50	0	20.58	20.72	20.49	22	2
20	16QAM	50	24	20.52	20.76	20.35		
20	16QAM	50	50	20.46	20.54	20.51		
20	16QAM	100	0	20.60	20.72	20.52		
20	64QAM	1	0	20.68	20.80	20.57	22	2
20	64QAM	1	49	20.69	20.63	20.46		
20	64QAM	1	99	20.50	20.65	20.52		
20	64QAM	50	0	19.67	19.78	19.63	21	3
20	64QAM	50	24	19.74	19.78	19.67		
20	64QAM	50	50	19.60	19.64	19.36		
20	64QAM	100	0	19.61	19.75	19.53		
20	256QAM	1	0	17.72	17.65	17.51	19	5
20	256QAM	1	49	17.49	17.57	17.34		
20	256QAM	1	99	17.46	17.59	17.47		
20	256QAM	50	0	17.59	17.62	17.51	19	5
20	256QAM	50	24	17.51	17.75	17.54		
20	256QAM	50	50	17.61	17.71	17.33		
20	256QAM	100	0	17.47	17.56	17.54		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.56	22.66	22.49	24	0
15	QPSK	1	37	22.39	22.57	22.25		
15	QPSK	1	74	22.52	22.49	22.44		
15	QPSK	36	0	21.53	21.53	21.55	23	1
15	QPSK	36	20	21.48	21.63	21.69		
15	QPSK	36	39	21.52	21.63	21.43		
15	QPSK	75	0	21.61	21.65	21.38		
15	16QAM	1	0	21.64	21.69	21.67	23	1
15	16QAM	1	37	21.49	21.63	21.23		
15	16QAM	1	74	21.56	21.37	21.42		
15	16QAM	36	0	20.50	20.55	20.32	22	2
15	16QAM	36	20	20.51	20.61	20.15		
15	16QAM	36	39	20.40	20.51	20.30		
15	16QAM	75	0	20.52	20.57	20.50		
15	64QAM	1	0	20.60	20.60	20.51	22	2
15	64QAM	1	37	20.51	20.58	20.32		
15	64QAM	1	74	20.51	20.51	20.48		
15	64QAM	36	0	19.64	19.70	19.62	21	3
15	64QAM	36	20	19.71	19.78	19.58		
15	64QAM	36	39	19.45	19.65	19.35		
15	64QAM	75	0	19.48	19.73	19.46		
15	256QAM	1	0	17.64	17.56	17.48	19	5
15	256QAM	1	37	17.39	17.56	17.23		
15	256QAM	1	74	17.29	17.61	17.30		
15	256QAM	36	0	17.54	17.42	17.46	19	5
15	256QAM	36	20	17.50	17.61	17.35		
15	256QAM	36	39	17.53	17.62	17.20		
15	256QAM	75	0	17.47	17.45	17.45		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.46	22.54	22.40	24	0
10	QPSK	1	25	22.38	22.65	22.22		
10	QPSK	1	49	22.40	22.55	22.51		
10	QPSK	25	0	21.55	21.57	21.65	23	1
10	QPSK	25	12	21.59	21.64	21.65		
10	QPSK	25	25	21.49	21.56	21.33		
10	QPSK	50	0	21.39	21.58	21.43		
10	16QAM	1	0	21.58	21.62	21.66	23	1
10	16QAM	1	25	21.49	21.69	21.42		
10	16QAM	1	49	21.51	21.33	21.40		
10	16QAM	25	0	20.35	20.59	20.29	22	2
10	16QAM	25	12	20.37	20.73	20.30		
10	16QAM	25	25	20.24	20.32	20.47		
10	16QAM	50	0	20.59	20.60	20.43		
10	64QAM	1	0	20.51	20.70	20.52	22	2
10	64QAM	1	25	20.71	20.52	20.24		
10	64QAM	1	49	20.37	20.56	20.33		
10	64QAM	25	0	19.56	19.63	19.54	21	3
10	64QAM	25	12	19.52	19.58	19.49		
10	64QAM	25	25	19.48	19.59	19.16		
10	64QAM	50	0	19.56	19.64	19.46		
10	256QAM	1	0	17.56	17.50	17.47	19	5
10	256QAM	1	25	17.40	17.47	17.18		
10	256QAM	1	49	17.44	17.40	17.30		
10	256QAM	25	0	17.40	17.61	17.37	19	5
10	256QAM	25	12	17.37	17.57	17.59		
10	256QAM	25	25	17.49	17.57	17.32		
10	256QAM	50	0	17.33	17.51	17.45		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.47	22.72	22.59	24	0
5	QPSK	1	12	22.52	22.52	22.30		
5	QPSK	1	24	22.42	22.55	22.43		
5	QPSK	12	0	21.35	21.57	21.58	23	1
5	QPSK	12	7	21.43	21.56	21.47		
5	QPSK	12	13	21.67	21.65	21.53		
5	QPSK	25	0	21.48	21.63	21.38		
5	16QAM	1	0	21.60	21.67	21.45	23	1
5	16QAM	1	12	21.57	21.38	21.38		
5	16QAM	1	24	21.38	21.34	21.37		
5	16QAM	12	0	20.41	20.65	20.30	22	2
5	16QAM	12	7	20.54	20.65	20.35		
5	16QAM	12	13	20.42	20.34	20.40		
5	16QAM	25	0	20.47	20.52	20.38		
5	64QAM	1	0	20.63	20.60	20.54	22	2
5	64QAM	1	12	20.68	20.51	20.31		
5	64QAM	1	24	20.38	20.56	20.51		
5	64QAM	12	0	19.45	19.61	19.55	21	3
5	64QAM	12	7	19.74	19.57	19.48		
5	64QAM	12	13	19.42	19.65	19.43		
5	64QAM	25	0	19.61	19.75	19.52		
5	256QAM	1	0	17.50	17.47	17.30	19	5
5	256QAM	1	12	17.51	17.41	17.29		
5	256QAM	1	24	17.24	17.45	17.29		
5	256QAM	12	0	17.50	17.47	17.51	19	5
5	256QAM	12	7	17.48	17.61	17.36		
5	256QAM	12	13	17.55	17.51	17.29		
5	256QAM	25	0	17.41	17.42	17.50		

Band 25 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.55	22.56	22.36	24	0
20	QPSK	1	49	22.50	22.43	22.24		
20	QPSK	1	99	22.52	22.57	22.15		
20	QPSK	50	0	21.44	21.60	21.42	23	1
20	QPSK	50	24	21.53	21.51	21.34		
20	QPSK	50	50	21.55	21.55	21.40		
20	QPSK	100	0	21.50	21.62	21.40		
20	16QAM	1	0	21.62	21.61	21.34	23	1
20	16QAM	1	49	21.55	21.67	21.32		
20	16QAM	1	99	21.45	21.53	21.31		
20	16QAM	50	0	20.58	20.57	20.40	22	2
20	16QAM	50	24	20.50	20.43	20.27		
20	16QAM	50	50	20.58	20.47	20.26		
20	16QAM	100	0	20.63	20.65	20.45		
20	64QAM	1	0	20.68	20.53	20.29	22	2
20	64QAM	1	49	20.60	20.33	20.35		
20	64QAM	1	99	20.50	20.46	20.19		
20	64QAM	50	0	19.61	19.47	19.41	21	3
20	64QAM	50	24	19.61	19.65	19.42		
20	64QAM	50	50	19.49	19.33	19.22		
20	64QAM	100	0	19.47	19.47	19.15		
20	256QAM	1	0	17.47	17.63	17.41	19	5
20	256QAM	1	49	17.49	17.32	17.29		
20	256QAM	1	99	17.58	17.45	17.25		
20	256QAM	50	0	17.47	17.53	17.43	19	5
20	256QAM	50	24	17.59	17.51	17.35		
20	256QAM	50	50	17.61	17.74	17.24		
20	256QAM	100	0	17.53	17.45	17.12		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.47	22.48	22.25	24	0
15	QPSK	1	37	22.31	22.31	22.21		
15	QPSK	1	74	22.41	22.18	22.12		
15	QPSK	36	0	21.36	21.49	21.25	23	1
15	QPSK	36	20	21.36	21.37	21.33		
15	QPSK	36	39	21.54	21.53	21.24		
15	QPSK	75	0	21.42	21.45	21.38		
15	16QAM	1	0	21.50	21.60	21.20	23	1
15	16QAM	1	37	21.46	21.54	21.25		
15	16QAM	1	74	21.39	21.57	21.16		
15	16QAM	36	0	20.35	20.57	20.18	22	2
15	16QAM	36	20	20.44	20.39	20.20		
15	16QAM	36	39	20.38	20.26	20.24		
15	16QAM	75	0	20.63	20.57	20.47		
15	64QAM	1	0	20.54	20.41	20.23	22	2
15	64QAM	1	37	20.39	20.25	20.16		
15	64QAM	1	74	20.49	20.46	20.14		
15	64QAM	36	0	19.58	19.37	19.33	21	3
15	64QAM	36	20	19.64	19.44	19.44		
15	64QAM	36	39	19.33	19.19	19.14		
15	64QAM	75	0	19.30	19.42	19.02		
15	256QAM	1	0	17.26	17.49	17.33	19	5
15	256QAM	1	37	17.46	17.46	17.17		
15	256QAM	1	74	17.40	17.44	17.15		
15	256QAM	36	0	17.29	17.43	17.38	19	5
15	256QAM	36	20	17.60	17.45	17.22		
15	256QAM	36	39	17.58	17.41	17.15		
15	256QAM	75	0	17.31	17.28	17.05		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.41	22.27	22.27	24	0
10	QPSK	1	25	22.41	22.44	22.14		
10	QPSK	1	49	22.34	22.29	22.17		
10	QPSK	25	0	21.27	21.47	21.34	23	1
10	QPSK	25	12	21.47	21.31	21.21		
10	QPSK	25	25	21.53	21.47	21.20		
10	QPSK	50	0	21.46	21.63	21.28		
10	16QAM	1	0	21.55	21.51	21.43	23	1
10	16QAM	1	25	21.45	21.66	21.22		
10	16QAM	1	49	21.44	21.35	21.35		
10	16QAM	25	0	20.44	20.45	20.30	22	2
10	16QAM	25	12	20.31	20.29	20.18		
10	16QAM	25	25	20.56	20.33	20.21		
10	16QAM	50	0	20.51	20.47	20.32		
10	64QAM	1	0	20.48	20.32	20.14	22	2
10	64QAM	1	25	20.43	20.18	20.37		
10	64QAM	1	49	20.47	20.40	20.20		
10	64QAM	25	0	19.48	19.44	19.34	21	3
10	64QAM	25	12	19.47	19.49	19.25		
10	64QAM	25	25	19.50	19.17	19.04		
10	64QAM	50	0	19.27	19.26	19.12		
10	256QAM	1	0	17.22	17.61	17.43	19	5
10	256QAM	1	25	17.22	17.25	17.21		
10	256QAM	1	49	17.44	17.36	17.13		
10	256QAM	25	0	17.38	17.31	17.39	19	5
10	256QAM	25	12	17.41	17.51	17.39		
10	256QAM	25	25	17.41	17.38	17.20		
10	256QAM	50	0	17.36	17.44	17.10		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.50	22.53	22.34	24	0
5	QPSK	1	12	22.50	22.42	22.20		
5	QPSK	1	24	22.42	22.35	22.17		
5	QPSK	12	0	21.42	21.49	21.29	23	1
5	QPSK	12	7	21.48	21.50	21.22		
5	QPSK	12	13	21.41	21.45	21.22		
5	QPSK	25	0	21.31	21.55	21.41		
5	16QAM	1	0	21.61	21.46	21.36	23	1
5	16QAM	1	12	21.48	21.52	21.42		
5	16QAM	1	24	21.40	21.45	21.25		
5	16QAM	12	0	20.46	20.44	20.24	22	2
5	16QAM	12	7	20.40	20.25	20.13		
5	16QAM	12	13	20.49	20.49	20.04		
5	16QAM	25	0	20.53	20.56	20.26		
5	64QAM	1	0	20.40	20.52	20.16	22	2
5	64QAM	1	12	20.49	20.33	20.24		
5	64QAM	1	24	20.43	20.47	20.05		
5	64QAM	12	0	19.50	19.39	19.21	21	3
5	64QAM	12	7	19.58	19.62	19.25		
5	64QAM	12	13	19.44	19.20	19.13		
5	64QAM	25	0	19.45	19.32	19.15		
5	256QAM	1	0	17.45	17.62	17.26	19	5
5	256QAM	1	12	17.37	17.26	17.13		
5	256QAM	1	24	17.48	17.26	17.12		
5	256QAM	12	0	17.38	17.42	17.35	19	5
5	256QAM	12	7	17.40	17.48	17.28		
5	256QAM	12	13	17.45	17.25	17.17		
5	256QAM	25	0	17.41	17.43	17.03		
Channel				26040	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.45	22.47	22.18	24	0
3	QPSK	1	8	22.47	22.25	22.24		
3	QPSK	1	14	22.47	22.15	22.15		
3	QPSK	8	4	21.46	21.62	21.30	23	1
3	QPSK	8	8	21.36	21.32	21.26		
3	QPSK	8	7	21.57	21.35	21.33		
3	QPSK	15	0	21.33	21.56	21.34		
3	16QAM	1	0	21.45	21.44	21.39	23	1
3	16QAM	1	8	21.54	21.51	21.15		
3	16QAM	1	14	21.41	21.37	21.15		
3	16QAM	8	0	20.37	20.58	20.35	22	2
3	16QAM	8	4	20.34	20.25	20.11		
3	16QAM	8	7	20.56	20.27	20.19		
3	16QAM	15	0	20.61	20.45	20.23		
3	64QAM	1	0	20.61	20.51	20.22	22	2
3	64QAM	1	8	20.58	20.35	20.26		
3	64QAM	1	14	20.35	20.28	20.14		
3	64QAM	8	0	19.53	19.49	19.28	21	3
3	64QAM	8	4	19.62	19.52	19.44		
3	64QAM	8	7	19.34	19.28	19.50		
3	64QAM	15	0	19.27	19.42	19.17		
3	256QAM	1	0	17.33	17.59	17.37	19	5
3	256QAM	1	8	17.22	17.16	17.15		
3	256QAM	1	14	17.29	17.39	17.13		
3	256QAM	8	0	17.29	17.52	17.23	19	5
3	256QAM	8	4	17.58	17.40	17.28		
3	256QAM	8	7	17.41	17.39	17.11		
3	256QAM	15	0	17.33	17.25	17.08		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.45	22.37	22.27	24	0
1.4	QPSK	1	3	22.51	22.36	22.03		
1.4	QPSK	1	5	22.35	22.29	22.15		
1.4	QPSK	3	0	22.36	22.19	22.16		
1.4	QPSK	3	1	22.37	22.15	22.00		
1.4	QPSK	3	3	22.29	22.15	22.12		
1.4	QPSK	6	0	21.32	21.60	21.18	23	1
1.4	16QAM	1	0	21.59	21.46	21.26	23	1
1.4	16QAM	1	3	21.54	21.61	21.17		
1.4	16QAM	1	5	21.44	21.35	21.17		
1.4	16QAM	3	0	21.44	21.34	21.26		
1.4	16QAM	3	1	21.34	21.43	21.04		
1.4	16QAM	3	3	21.27	21.29	21.06		
1.4	16QAM	6	0	20.51	20.47	20.35	22	2
1.4	64QAM	1	0	20.50	20.49	20.19	22	2
1.4	64QAM	1	3	20.46	20.18	20.32		
1.4	64QAM	1	5	20.30	20.31	20.06		
1.4	64QAM	3	0	20.51	20.41	20.17		
1.4	64QAM	3	1	20.36	20.02	20.11		
1.4	64QAM	3	3	20.23	20.31	20.31		
1.4	64QAM	6	0	19.34	19.36	19.16	21	3
1.4	256QAM	1	0	17.23	17.42	17.43	19	5
1.4	256QAM	1	3	17.39	17.14	17.08		
1.4	256QAM	1	5	17.33	17.25	17.13		
1.4	256QAM	3	0	17.12	17.30	17.08		
1.4	256QAM	3	1	17.46	17.36	17.22		
1.4	256QAM	3	3	17.40	17.25	17.03		
1.4	256QAM	6	0	17.53	17.35	17.40	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.40	22.61	22.53	24	0
15	QPSK	1	37	22.32	22.55	22.54		
15	QPSK	1	74	22.38	22.60	22.49		
15	QPSK	36	0	21.49	21.59	21.47	23	1
15	QPSK	36	20	21.46	21.52	21.49		
15	QPSK	36	39	21.45	21.55	21.42		
15	QPSK	75	0	21.58	21.58	21.41		
15	16QAM	1	0	21.38	21.63	21.52	23	1
15	16QAM	1	37	21.22	21.52	21.62		
15	16QAM	1	74	21.31	21.64	21.41		
15	16QAM	36	0	20.35	20.72	20.49	22	2
15	16QAM	36	20	20.36	20.49	20.60		
15	16QAM	36	39	20.27	20.70	20.31		
15	16QAM	75	0	20.51	20.52	20.63		
15	64QAM	1	0	20.39	20.66	20.49	22	2
15	64QAM	1	37	20.44	20.56	20.54		
15	64QAM	1	74	20.34	20.60	20.51		
15	64QAM	36	0	19.46	19.50	19.57	21	3
15	64QAM	36	20	19.24	19.58	19.50		
15	64QAM	36	39	19.47	19.65	19.47		
15	64QAM	75	0	19.40	19.58	19.63		
15	256QAM	1	0	17.44	17.67	17.58	19	5
15	256QAM	1	37	17.26	17.54	17.66		
15	256QAM	1	74	17.26	17.53	17.50		
15	256QAM	36	0	17.30	17.62	17.55	19	5
15	256QAM	36	20	17.40	17.67	17.61		
15	256QAM	36	39	17.33	17.53	17.56		
15	256QAM	75	0	17.46	17.62	17.37		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.39	22.52	22.35	24	0
10	QPSK	1	25	22.31	22.53	22.43		
10	QPSK	1	49	22.24	22.54	22.35		
10	QPSK	25	0	21.28	21.58	21.36	23	1
10	QPSK	25	12	21.26	21.42	21.50		
10	QPSK	25	25	21.44	21.39	21.44		
10	QPSK	50	0	21.38	21.38	21.37		
10	16QAM	1	0	21.38	21.48	21.32	23	1
10	16QAM	1	25	21.18	21.52	21.63		
10	16QAM	1	49	21.31	21.57	21.35		
10	16QAM	25	0	20.27	20.64	20.47	22	2
10	16QAM	25	12	20.23	20.29	20.58		
10	16QAM	25	25	20.22	20.51	20.26		
10	16QAM	50	0	20.46	20.51	20.46		
10	64QAM	1	0	20.20	20.58	20.50	22	2
10	64QAM	1	25	20.32	20.54	20.40		
10	64QAM	1	49	20.18	20.44	20.34		
10	64QAM	25	0	19.42	19.38	19.37	21	3
10	64QAM	25	12	19.35	19.52	19.41		
10	64QAM	25	25	19.39	19.66	19.31		
10	64QAM	50	0	19.41	19.56	19.43		
10	256QAM	1	0	17.30	17.53	17.42	19	5
10	256QAM	1	25	17.18	17.45	17.55		
10	256QAM	1	49	17.07	17.50	17.37		
10	256QAM	25	0	17.29	17.62	17.37	19	5
10	256QAM	25	12	17.31	17.52	17.45		
10	256QAM	25	25	17.13	17.48	17.49		
10	256QAM	50	0	17.47	17.53	17.21		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.22	22.51	22.32	24	0
5	QPSK	1	12	22.17	22.39	22.55		
5	QPSK	1	24	22.37	22.52	22.28		
5	QPSK	12	0	21.39	21.52	21.28	23	1
5	QPSK	12	7	21.30	21.35	21.29		
5	QPSK	12	13	21.42	21.47	21.32		
5	QPSK	25	0	21.39	21.52	21.38		
5	16QAM	1	0	21.40	21.49	21.34	23	1
5	16QAM	1	12	21.13	21.46	21.53		
5	16QAM	1	24	21.29	21.59	21.39		
5	16QAM	12	0	20.17	20.61	20.27	22	2
5	16QAM	12	7	20.26	20.40	20.50		
5	16QAM	12	13	20.22	20.62	20.31		
5	16QAM	25	0	20.32	20.47	20.53		
5	64QAM	1	0	20.19	20.57	20.42	22	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.80	22.96	22.91	24	0
20	QPSK	1	49	22.71	22.75	22.80		
20	QPSK	1	99	22.68	22.85	22.87		
20	QPSK	50	0	21.80	22.08	21.94	23	1
20	QPSK	50	24	21.76	22.05	21.80		
20	QPSK	50	50	21.83	21.90	21.83		
20	QPSK	100	0	21.75	21.86	21.78		
20	16QAM	1	0	21.73	21.94	21.88	23	1
20	16QAM	1	49	21.78	21.63	21.89		
20	16QAM	1	99	21.75	21.75	21.86		
20	16QAM	50	0	20.85	20.86	20.96	22	2
20	16QAM	50	24	20.74	20.67	20.83		
20	16QAM	50	50	20.67	20.76	20.97		
20	16QAM	100	0	20.73	20.90	20.84		
20	64QAM	1	0	20.85	21.08	20.82	22	2
20	64QAM	1	49	20.66	20.71	20.85		
20	64QAM	1	99	20.66	20.88	20.81		
20	64QAM	50	0	19.80	20.02	19.98	21	3
20	64QAM	50	24	19.84	20.02	19.81		
20	64QAM	50	50	19.68	19.75	19.82		
20	64QAM	100	0	19.57	19.80	19.86		
20	256QAM	1	0	17.70	17.89	18.02	19	5
20	256QAM	1	49	17.66	17.83	17.71		
20	256QAM	1	99	17.62	17.75	17.77		
20	256QAM	50	0	17.88	17.96	17.79	19	5
20	256QAM	50	24	17.88	17.88	17.90		
20	256QAM	50	50	17.73	17.71	17.73		
20	256QAM	100	0	17.78	17.80	17.87		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.66	22.90	22.73	24	0
15	QPSK	1	37	22.64	22.53	22.67		
15	QPSK	1	74	22.53	22.76	22.84		
15	QPSK	36	0	21.60	21.94	21.93	23	1
15	QPSK	36	20	21.72	21.91	21.63		
15	QPSK	36	39	21.76	21.86	21.80		
15	QPSK	75	0	21.71	21.69	21.62		
15	16QAM	1	0	21.51	21.77	21.67	23	1
15	16QAM	1	37	21.65	21.55	21.74		
15	16QAM	1	74	21.53	21.58	21.83		
15	16QAM	36	0	20.65	20.81	20.87	22	2
15	16QAM	36	20	20.72	20.49	20.67		
15	16QAM	36	39	20.63	20.59	20.84		
15	16QAM	75	0	20.71	20.76	20.79		
15	64QAM	1	0	20.66	20.91	20.70	22	2
15	64QAM	1	37	20.68	20.57	20.74		
15	64QAM	1	74	20.64	20.84	20.73		
15	64QAM	36	0	19.79	20.03	19.83	21	3
15	64QAM	36	20	19.80	19.83	19.80		
15	64QAM	36	39	19.53	19.56	19.64		
15	64QAM	75	0	19.41	19.70	19.82		
15	256QAM	1	0	17.62	17.76	17.86	19	5
15	256QAM	1	37	17.49	17.65	17.62		
15	256QAM	1	74	17.50	17.60	17.64		
15	256QAM	36	0	17.79	17.81	17.77	19	5
15	256QAM	36	20	17.82	17.79	17.88		
15	256QAM	36	39	17.55	17.54	17.73		
15	256QAM	75	0	17.57	17.79	17.80		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.82	22.93	22.88	24	0
10	QPSK	1	25	22.61	22.64	22.64		
10	QPSK	1	49	22.48	22.71	22.84		
10	QPSK	25	0	21.64	21.90	21.85	23	1
10	QPSK	25	12	21.73	22.00	21.80		
10	QPSK	25	25	21.71	21.91	21.82		
10	QPSK	50	0	21.75	21.69	21.58		
10	16QAM	1	0	21.57	21.75	21.83	23	1
10	16QAM	1	25	21.73	21.57	21.74		
10	16QAM	1	49	21.73	21.54	21.81		
10	16QAM	25	0	20.84	20.66	20.81	22	2
10	16QAM	25	12	20.69	20.67	20.80		
10	16QAM	25	25	20.47	20.67	20.92		
10	16QAM	50	0	20.75	20.68	20.72		
10	64QAM	1	0	20.71	20.96	20.62	22	2
10	64QAM	1	25	20.47	20.52	20.83		
10	64QAM	1	49	20.67	20.84	20.64		
10	64QAM	25	0	19.58	19.84	19.82	21	3
10	64QAM	25	12	19.78	19.99	19.70		
10	64QAM	25	25	19.64	19.53	19.83		
10	64QAM	50	0	19.56	19.81	19.64		
10	256QAM	1	0	17.51	17.74	17.86	19	5
10	256QAM	1	25	17.44	17.62	17.50		
10	256QAM	1	49	17.53	17.57	17.72		
10	256QAM	25	0	17.81	17.79	17.69	19	5
10	256QAM	25	12	17.80	17.89	17.70		
10	256QAM	25	25	17.55	17.50	17.55		
10	256QAM	50	0	17.62	17.65	17.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.72	22.85	22.70	24	0
5	QPSK	1	12	22.67	22.58	22.73		
5	QPSK	1	24	22.60	22.86	22.67		
5	QPSK	12	0	21.77	22.04	21.95	23	1
5	QPSK	12	7	21.71	22.02	21.65		
5	QPSK	12	13	21.81	21.72	21.61		
5	QPSK	25	0	21.70	21.87	21.75		
5	16QAM	1	0	21.55	21.88	21.67	23	1
5	16QAM	1	12	21.61	21.54	21.77		
5	16QAM	1	24	21.53	21.65	21.85		
5	16QAM	12	0	20.80	20.77	20.94	22	2
5	16QAM	12	7	20.66	20.52	20.74		
5	16QAM	12	13	20.49	20.75	20.83		
5	16QAM	25	0	20.69	20.80	20.64		
5	64QAM	1	0	20.80	20.86	20.81	22	2
5	64QAM	1	12	20.64	20.71	20.78		
5	64QAM	1	24	20.67	20.82	20.80		
5	64QAM	12	0	19.75	19.93	19.92	21	3
5	64QAM	12	7	19.72	19.95	19.68		
5	64QAM	12	13	19.60	19.71	19.77		
5	64QAM	25	0	19.46	19.71	19.67		
5	256QAM	1	0	17.51	17.89	17.97	19	5
5	256QAM	1	12	17.63	17.76	17.55		
5	256QAM	1	24	17.49	17.58	17.64		
5	256QAM	12	0	17.71	17.88	17.76	19	5
5	256QAM	12	7	17.71	17.67	17.81		
5	256QAM	12	13	17.51	17.61	17.70		
5	256QAM	25	0	17.74	17.66	17.71		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.87	22.74	22.99	22.74	22.65	24	0
20	QPSK	1	49	22.87	22.59	22.79	22.70	22.59		
20	QPSK	1	99	22.73	22.68	22.70	22.59	22.53		
20	QPSK	50	0	21.84	21.85	21.98	21.64	21.71	23	1
20	QPSK	50	24	21.82	21.64	21.87	21.64	21.66		
20	QPSK	50	50	21.76	21.69	21.77	21.71	21.61		
20	QPSK	100	0	21.73	21.58	21.82	21.71	21.52		
20	16QAM	1	0	21.90	21.64	21.77	21.71	21.54	23	1
20	16QAM	1	49	21.88	21.60	21.71	21.65	21.54		
20	16QAM	1	99	21.80	21.75	21.70	21.62	21.45		
20	16QAM	50	0	20.95	20.62	20.81	20.67	20.58	22	2
20	16QAM	50	24	20.83	20.65	20.81	20.62	20.65		
20	16QAM	50	50	20.80	20.64	20.73	20.59	20.66		
20	16QAM	100	0	20.64	20.58	20.77	20.62	20.58		
20	64QAM	1	0	20.74	20.48	20.70	20.60	20.60	22	2
20	64QAM	1	49	20.70	20.57	20.79	20.45	20.52		
20	64QAM	1	99	20.78	20.56	20.71	20.50	20.44		
20	64QAM	50	0	19.77	19.86	19.94	19.76	19.66	21	3
20	64QAM	50	24	19.85	19.64	19.95	19.70	19.74		
20	64QAM	50	50	19.89	19.58	19.79	19.62	19.45		
20	64QAM	100	0	19.80	19.58	19.76	19.61	19.56		
20	256QAM	1	0	17.88	17.68	17.75	17.70	17.59	19	5
20	256QAM	1	49	17.86	17.61	17.85	17.70	17.51		
20	256QAM	1	99	17.63	17.67	17.81	17.61	17.50		
20	256QAM	50	0	17.82	17.75	17.88	17.79	17.67	19	5
20	256QAM	50	24	17.96	17.58	17.75	17.74	17.56		
20	256QAM	50	50	17.77	17.76	17.68	17.61	17.61		
20	256QAM	100	0	17.69	17.78	17.76	17.63	17.54		
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	22.80	22.61	22.87	22.62	22.69	24	0
15	QPSK	1	37	22.82	22.63	22.79	22.55	22.48		
15	QPSK	1	74	22.67	22.68	22.71	22.62	22.49		
15	QPSK	36	0	21.71	21.77	21.91	21.67	21.68	23	1
15	QPSK	36	20	21.83	21.68	21.81	21.64	21.67		
15	QPSK	36	39	21.79	21.62	21.72	21.74	21.56		
15	QPSK	75	0	21.65	21.50	21.79	21.60	21.51		
15	16QAM	1	0	21.91	21.52	21.75	21.72	21.48	23	1
15	16QAM	1	37	21.87	21.64	21.71	21.50	21.48		
15	16QAM	1	74	21.72	21.78	21.60	21.48	21.41		
15	16QAM	36	0	20.95	20.55	20.82	20.62	20.55	22	2
15	16QAM	36	20	20.71	20.62	20.72	20.58	20.66		
15	16QAM	36	39	20.66	20.58	20.63	20.57	20.58		
15	16QAM	75	0	20.60	20.57	20.75	20.58	20.58		
15	64QAM	1	0	20.74	20.39	20.70	20.53	20.47	22	2
15	64QAM	1	37	20.63	20.45	20.77	20.32	20.56		
15	64QAM	1	74	20.72	20.51	20.63	20.49	20.42		
15	64QAM	36	0	19.68	19.75	19.79	19.78	19.61	21	3
15	64QAM	36	20	19.72	19.55	19.92	19.72	19.65		
15	64QAM	36	39	19.84	19.45	19.68	19.56	19.49		
15	64QAM	75	0	19.82	19.48	19.70	19.54	19.53		
15	256QAM	1	0	17.82	17.57	17.75	17.60	17.46	19	5
15	256QAM	1	37	17.74	17.52	17.85	17.59	17.53		
15	256QAM	1	74	17.57	17.62	17.79	17.52	17.51		
15	256QAM	36	0	17.68	17.65	17.73	17.79	17.67	19	5
15	256QAM	36	20	17.95	17.60	17.77	17.71	17.48		
15	256QAM	36	39	17.68	17.79	17.55	17.63	17.50		
15	256QAM	75	0	17.65	17.74	17.65	17.63	17.47		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.89	22.77	22.76	22.69	22.54	24	0
10	QPSK	1	25	22.85	22.57	22.65	22.74	22.54		
10	QPSK	1	49	22.63	22.71	22.71	22.50	22.46		
10	QPSK	25	0	21.71	21.87	21.92	21.57	21.57	23	1
10	QPSK	25	12	21.87	21.58	21.83	21.60	21.69		
10	QPSK	25	25	21.69	21.55	21.76	21.70	21.49		
10	QPSK	50	0	21.67	21.57	21.71	21.56	21.52		
10	16QAM	1	0	21.83	21.51	21.76	21.74	21.40	23	1
10	16QAM	1	25	21.83	21.58	21.70	21.66	21.47		
10	16QAM	1	49	21.79	21.62	21.65	21.56	21.39		
10	16QAM	25	0	20.80	20.60	20.78	20.70	20.51	22	2
10	16QAM	25	12	20.69	20.64	20.82	20.51	20.64		
10	16QAM	25	25	20.77	20.65	20.64	20.59	20.58		
10	16QAM	50	0	20.64	20.49	20.73	20.66	20.45		
10	64QAM	1	0	20.75	20.38	20.70	20.47	20.57	22	2
10	64QAM	1	25	20.58	20.56	20.65	20.46	20.45		
10	64QAM	1	49	20.76	20.60	20.66	20.54	20.34		
10	64QAM	25	0	19.80	19.74	19.83	19.66	19.69	21	3
10	64QAM	25	12	19.71	19.59	19.87	19.59	19.71		
10	64QAM	25	25	19.83	19.58	19.74	19.50	19.49		
10	64QAM	50	0	19.74	19.54	19.77	19.47	19.52		
10	256QAM	1	0	17.79	17.66	17.78	17.72	17.57	19	5
10	256QAM	1	25	17.78	17.47	17.84	17.68	17.54		
10	256QAM	1	49	17.64	17.68	17.68	17.52	17.55		
10	256QAM	25	0	17.71	17.76	17.82	17.66	17.63	19	5
10	256QAM	25	12	17.95	17.50	17.71	17.61	17.59		
10	256QAM	25	25	17.74	17.81	17.68	17.51	17.55		
10	256QAM	50	0	17.69	17.77	17.78	17.65	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	22.76	22.61	22.88	22.74	22.54	24	0
5	QPSK	1	12	22.85	22.51	22.68	22.59	22.47		
5	QPSK	1	24	22.71	22.59	22.62	22.53	22.54		
5	QPSK	12	0	21.73	21.86	21.84	21.65	21.75	23	1
5	QPSK	12	7	21.78	21.53	21.91	21.65	21.58		
5	QPSK	12	13	21.75	21.60	21.72	21.66	21.51		
5	QPSK	25	0	21.64	21.60	21.69	21.61	21.43		
5	16QAM	1	0	21.89	21.57	21.63	21.61	21.48	23	1
5	16QAM	1	12	21.78	21.47	21.62	21.53	21.47		
5	16QAM	1	24	21.75	21.69	21.61	21.66	21.41		
5	16QAM	12	0	20.98	20.58	20.80	20.71	20.59	22	2
5	16QAM	12	7	20.86	20.62	20.71	20.57	20.52		
5	16QAM	12	13	20.65	20.49	20.77	20.61	20.66		
5	16QAM	25	0	20.56	20.62	20.74	20.61	20.54		
5	64QAM	1	0	20.62	20.34	20.72	20.45	20.50	22	2
5	64QAM	1	12	20.70	20.54	20.79	20.45	20.42		
5	64QAM	1	24	20.74	20.47	20.61	20.44	20.39		
5	64QAM	12	0	19.64	19.78	19.73	19.78	19.57	21	3
5	64QAM	12	7	19.74	19.68	19.76	19.75	19.73		
5	64QAM	12	13	19.76	19.52	19.75	19.54	19.36		
5	64QAM	25	0	19.82	19.60	19.79	19.57	19.48		
5	256QAM	1	0	17.86	17.63	17.71	17.68	17.51	19	5
5	256QAM	1	12	17.71	17.60	17.89	17.65	17.47		
5	256QAM	1	24	17.57	17.60	17.82	17.58	17.45		
5	256QAM	12	0	17.77	17.77	17.76	17.70	17.67	19	5
5	256QAM	12	7	17.84	17.52	17.64	17.75	17.47		
5	256QAM	12	13	17.76	17.62	17.58	17.57	17.59		
5	256QAM	25	0	17.67	17.74	17.79	17.49	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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.93	23.04	22.81	24	0
20	QPSK	1	49	22.94	22.90	22.79		
20	QPSK	1	99	22.91	22.92	22.71		
20	QPSK	50	0	21.84	21.96	21.75	23	1
20	QPSK	50	24	21.93	21.92	21.74		
20	QPSK	50	50	21.93	21.88	21.63		
20	QPSK	100	0	21.91	21.92	21.78		
20	16QAM	1	0	21.94	22.03	21.76	23	1
20	16QAM	1	49	21.87	21.91	21.80		
20	16QAM	1	99	21.92	21.87	21.70		
20	16QAM	50	0	20.91	21.08	20.87	22	2
20	16QAM	50	24	21.00	20.86	20.77		
20	16QAM	50	50	20.85	20.99	20.76		
20	16QAM	100	0	20.96	21.07	20.73		
20	64QAM	1	0	20.98	21.09	20.79	22	2
20	64QAM	1	49	20.93	20.88	20.73		
20	64QAM	1	99	20.90	20.84	20.79		
20	64QAM	50	0	19.95	20.06	19.86	21	3
20	64QAM	50	24	19.88	19.99	19.84		
20	64QAM	50	50	19.92	19.95	19.75		
20	64QAM	100	0	19.86	20.13	19.72		
20	256QAM	1	0	17.94	18.00	17.85	19	5
20	256QAM	1	49	17.84	17.80	17.77		
20	256QAM	1	99	17.91	17.88	17.66		
20	256QAM	50	0	17.83	18.01	17.84	19	5
20	256QAM	50	24	18.02	18.03	17.89		
20	256QAM	50	50	17.86	17.99	17.69		
20	256QAM	100	0	18.01	17.85	17.76		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.81	22.94	22.65	24	0
15	QPSK	1	37	22.78	22.89	22.61		
15	QPSK	1	74	22.80	22.86	22.58		
15	QPSK	36	0	21.76	21.79	21.56	23	1
15	QPSK	36	20	21.91	21.85	21.58		
15	QPSK	36	39	21.91	21.85	21.59		
15	QPSK	75	0	21.90	21.84	21.57		
15	16QAM	1	0	21.91	21.91	21.73	23	1
15	16QAM	1	37	21.80	21.79	21.59		
15	16QAM	1	74	21.72	21.68	21.66		
15	16QAM	36	0	20.70	20.89	20.71	22	2
15	16QAM	36	20	20.99	20.72	20.76		
15	16QAM	36	39	20.73	21.01	20.69		
15	16QAM	75	0	20.86	20.98	20.67		
15	64QAM	1	0	20.97	20.95	20.74	22	2
15	64QAM	1	37	20.77	20.70	20.52		
15	64QAM	1	74	20.80	20.86	20.71		
15	64QAM	36	0	19.94	20.02	19.72	21	3
15	64QAM	36	20	19.87	19.90	19.78		
15	64QAM	36	39	19.74	19.86	19.61		
15	64QAM	75	0	19.88	20.07	19.60		
15	256QAM	1	0	17.94	17.93	17.69	19	5
15	256QAM	1	37	17.77	17.61	17.61		
15	256QAM	1	74	17.91	17.68	17.60		
15	256QAM	36	0	17.77	17.94	17.74	19	5
15	256QAM	36	20	18.03	17.94	17.81		
15	256QAM	36	39	17.74	17.95	17.64		
15	256QAM	75	0	17.82	17.83	17.78		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.87	23.00	22.79	24	0
10	QPSK	1	25	22.89	22.73	22.77		
10	QPSK	1	49	22.77	22.71	22.72		
10	QPSK	25	0	21.76	21.83	21.59	23	1
10	QPSK	25	12	21.73	21.77	21.53		
10	QPSK	25	25	21.73	21.78	21.56		
10	QPSK	50	0	21.75	21.83	21.77		
10	16QAM	1	0	21.74	21.92	21.74	23	1
10	16QAM	1	25	21.85	21.87	21.62		
10	16QAM	1	49	21.72	21.80	21.56		
10	16QAM	25	0	20.76	20.90	20.84	22	2
10	16QAM	25	12	20.90	20.78	20.75		
10	16QAM	25	25	20.84	20.89	20.77		
10	16QAM	50	0	20.74	20.91	20.70		
10	64QAM	1	0	20.80	21.06	20.70	22	2
10	64QAM	1	25	20.85	20.68	20.68		
10	64QAM	1	49	20.69	20.71	20.70		
10	64QAM	25	0	19.93	19.88	19.76	21	3
10	64QAM	25	12	19.79	19.81	19.72		
10	64QAM	25	25	19.84	19.86	19.55		
10	64QAM	50	0	19.71	20.07	19.62		
10	256QAM	1	0	17.74	17.85	17.80	19	5
10	256QAM	1	25	17.79	17.67	17.55		
10	256QAM	1	49	17.86	17.76	17.68		
10	256QAM	25	0	17.75	17.97	17.65	19	5
10	256QAM	25	12	17.94	18.05	17.69		
10	256QAM	25	25	17.64	17.92	17.63		
10	256QAM	50	0	17.88	17.72	17.66		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.89	23.02	22.69	24	0
5	QPSK	1	12	22.95	22.91	22.72		
5	QPSK	1	24	22.85	22.86	22.58		
5	QPSK	12	0	21.83	21.91	21.74	23	1
5	QPSK	12	7	21.74	21.71	21.55		
5	QPSK	12	13	21.76	21.89	21.56		
5	QPSK	25	0	21.87	21.73	21.62		
5	16QAM	1	0	21.86	21.92	21.68	23	1
5	16QAM	1	12	21.89	21.75	21.78		
5	16QAM	1	24	21.84	21.80	21.70		
5	16QAM	12	0	20.69	20.98	20.68	22	2
5	16QAM	12	7	20.97	20.75	20.55		
5	16QAM	12	13	20.72	20.90	20.77		
5	16QAM	25	0	20.77	21.00	20.72		
5	64QAM	1	0	20.83	20.88	20.75	22	2
5	64QAM	1	12	20.85	20.79	20.69		
5	64QAM	1	24	20.89	20.84	20.73		
5	64QAM	12	0	19.76	19.90	19.87	21	3
5	64QAM	12	7	19.77	19.93	19.63		
5	64QAM	12	13	19.85	19.89	19.60		
5	64QAM	25	0	19.72	19.94	19.57		
5	256QAM	1	0	17.88	17.87	17.82	19	5
5	256QAM	1	12	17.86	17.67	17.62		
5	256QAM	1	24	17.72	17.73	17.56		
5	256QAM	12	0	17.81	18.01	17.81	19	5
5	256QAM	12	7	17.91	17.95	17.70		
5	256QAM	12	13	17.77	17.86	17.55		
5	256QAM	25	0	17.90	17.67	17.58		

Reduced Power Mode for ECI 2

GSM850 Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.62	31.52	31.48	33.00	22.62	22.52	22.48	24.00
GPRS 1 Tx slot	31.74	31.63	31.60	33.00	22.74	22.63	22.60	24.00
GPRS 2 Tx slots	30.23	30.08	30.05	31.00	24.23	24.08	24.05	25.00
GPRS 3 Tx slots	28.77	28.61	28.62	29.50	24.51	24.35	24.36	25.24
GPRS 4 Tx slots	27.25	27.16	27.15	28.50	24.25	24.16	24.15	25.50
EDGE 1 Tx slot	26.18	26.20	26.16	27.00	17.18	17.20	17.16	18.00
EDGE 2 Tx slots	24.41	24.65	24.63	25.50	18.41	18.65	18.63	19.50
EDGE 3 Tx slots	22.61	22.78	22.73	24.00	18.35	18.52	18.47	19.74
EDGE 4 Tx slots	20.98	21.02	21.03	22.00	17.98	18.02	18.03	19.00

Band		WCDMA V Ant0			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	22.29	22.46	22.46	24.00
3GPP Rel 99	RMC 12.2Kbps	22.53	22.58	22.49	24.00
3GPP Rel 6	HSDPA Subtest-1	21.44	21.64	21.68	22.50
3GPP Rel 6	HSDPA Subtest-2	21.56	21.67	21.63	22.50
3GPP Rel 6	HSDPA Subtest-3	21.04	21.09	21.07	22.00
3GPP Rel 6	HSDPA Subtest-4	21.05	21.04	21.13	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	21.40	21.49	21.64	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.46	21.52	21.55	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	20.88	21.15	20.98	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.08	21.10	21.02	22.00
3GPP Rel 6	HSUPA Subtest-1	21.47	21.52	21.54	22.50
3GPP Rel 6	HSUPA Subtest-2	19.63	19.49	19.62	20.50
3GPP Rel 6	HSUPA Subtest-3	20.58	20.53	20.58	21.50
3GPP Rel 6	HSUPA Subtest-4	19.50	19.73	19.59	20.50
3GPP Rel 6	HSUPA Subtest-5	21.50	21.60	21.57	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.95	19.00	19.06	20.00

Band 5 Ant0

BW [MHz]	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	22.37	22.49	22.36	24	0
10	QPSK	1	25	22.41	22.34	22.31		
10	QPSK	1	49	22.23	22.36	22.31		
10	QPSK	25	0	21.49	21.51	21.38	23	1
10	QPSK	25	12	21.48	21.48	21.48		
10	QPSK	25	25	21.47	21.46	21.40		
10	QPSK	50	0	21.39	21.46	21.36		
10	16QAM	1	0	21.70	21.78	21.70	23	1
10	16QAM	1	25	21.77	21.85	21.77		
10	16QAM	1	49	21.67	21.71	21.91		
10	16QAM	25	0	20.28	20.50	20.48	22	2
10	16QAM	25	12	20.26	20.47	20.48		
10	16QAM	25	25	20.29	20.37	20.49		
10	16QAM	50	0	20.52	20.51	20.51		
10	64QAM	1	0	20.19	20.36	20.38	22	2
10	64QAM	1	25	20.39	20.61	20.25		
10	64QAM	1	49	20.24	20.42	20.62		
10	64QAM	25	0	19.37	19.44	19.49	21	3
10	64QAM	25	12	19.29	19.55	19.54		
10	64QAM	25	25	19.40	19.38	19.58		
10	64QAM	50	0	19.45	19.32	19.59		
10	256QAM	1	0	17.38	17.52	17.53	19	5
10	256QAM	1	25	17.36	17.43	17.26		
10	256QAM	1	49	17.29	17.46	17.54		
10	256QAM	25	0	17.40	17.44	17.28	19	5
10	256QAM	25	12	17.45	17.40	17.46		
10	256QAM	25	25	17.44	17.50	17.42		
10	256QAM	50	0	17.50	17.33	17.63		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.32	22.44	22.25	24	0
5	QPSK	1	12	22.29	22.32	22.27		
5	QPSK	1	24	22.15	22.30	22.16		
5	QPSK	12	0	21.35	21.47	21.22	23	1
5	QPSK	12	7	21.46	21.37	21.36		
5	QPSK	12	13	21.36	21.42	21.38		
5	QPSK	25	0	21.30	21.34	21.32		
5	16QAM	1	0	21.60	21.71	21.67	23	1
5	16QAM	1	12	21.75	21.82	21.63		
5	16QAM	1	24	21.52	21.67	21.78		
5	16QAM	12	0	20.22	20.48	20.33	22	2
5	16QAM	12	7	20.12	20.38	20.41		
5	16QAM	12	13	20.22	20.21	20.35		
5	16QAM	25	0	20.35	20.48	20.48		
5	64QAM	1	0	20.14	20.29	20.22	22	2
5	64QAM	1	12	20.25	20.49	20.18		
5	64QAM	1	24	20.21	20.30	20.54		
5	64QAM	12	0	19.19	19.27	19.36	21	3
5	64QAM	12	7	19.18	19.48	19.40		
5	64QAM	12	13	19.31	19.24	19.43		
5	64QAM	25	0	19.36	19.30	19.55		
5	256QAM	1	0	17.35	17.50	17.46	19	5
5	256QAM	1	12	17.29	17.34	17.10		
5	256QAM	1	24	17.16	17.42	17.37		
5	256QAM	12	0	17.26	17.30	17.19	19	5
5	256QAM	12	7	17.30	17.31	17.41		
5	256QAM	12	13	17.37	17.43	17.38		
5	256QAM	25	0	17.33	17.17	17.59		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.27	22.41	22.22	24	0
3	QPSK	1	8	22.36	22.27	22.27		
3	QPSK	1	14	22.14	22.25	22.26		
3	QPSK	8	0	21.44	21.33	21.29	23	1
3	QPSK	8	4	21.44	21.36	21.37		
3	QPSK	8	7	21.30	21.32	21.34		
3	QPSK	15	0	21.36	21.39	21.28		
3	16QAM	1	0	21.67	21.71	21.66	23	1
3	16QAM	1	8	21.74	21.82	21.70		
3	16QAM	1	14	21.55	21.62	21.77		
3	16QAM	8	0	20.11	20.41	20.42	22	2
3	16QAM	8	4	20.20	20.30	20.46		
3	16QAM	8	7	20.14	20.22	20.40		
3	16QAM	15	0	20.40	20.43	20.44		
3	64QAM	1	0	20.14	20.20	20.24	22	2
3	64QAM	1	8	20.26	20.53	20.08		
3	64QAM	1	14	20.11	20.39	20.48		
3	64QAM	8	0	19.29	19.34	19.35	21	3
3	64QAM	8	4	19.16	19.46	19.42		
3	64QAM	8	7	19.32	19.35	19.42		
3	64QAM	15	0	19.31	19.28	19.44		
3	256QAM	1	0	17.32	17.47	17.51	19	5
3	256QAM	1	8	17.18	17.40	17.12		
3	256QAM	1	14	17.14	17.32	17.39		
3	256QAM	8	0	17.30	17.38	17.18	19	5
3	256QAM	8	4	17.36	17.23	17.39		
3	256QAM	8	7	17.27	17.43	17.33		
3	256QAM	15	0	17.42	17.28	17.60		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.28	22.41	22.21	24	0
1.4	QPSK	1	3	22.36	22.31	22.18		
1.4	QPSK	1	5	22.11	22.24	22.15		
1.4	QPSK	3	0	22.10	22.29	22.09		
1.4	QPSK	3	1	22.30	22.17	22.05		
1.4	QPSK	3	3	22.06	22.16	22.02		
1.4	QPSK	6	0	21.35	21.41	21.34	23	1
1.4	16QAM	1	0	21.62	21.71	21.56	23	1
1.4	16QAM	1	3	21.74	21.78	21.64		
1.4	16QAM	1	5	21.58	21.57	21.76		
1.4	16QAM	3	0	21.47	21.68	21.48		
1.4	16QAM	3	1	21.68	21.62	21.47		
1.4	16QAM	3	3	21.50	21.47	21.70		
1.4	16QAM	6	0	20.39	20.46	20.40	22	2
1.4	64QAM	1	0	20.11	20.23	20.36	22	2
1.4	64QAM	1	3	20.22	20.48	20.12		
1.4	64QAM	1	5	20.20	20.37	20.58		
1.4	64QAM	3	0	20.06	20.17	20.27		
1.4	64QAM	3	1	20.09	20.41	20.09		
1.4	64QAM	3	3	20.05	20.33	20.49		
1.4	64QAM	6	0	19.43	19.30	19.42	21	3
1.4	256QAM	1	0	17.32	17.45	17.47	19	5
1.4	256QAM	1	3	17.33	17.35	17.19		
1.4	256QAM	1	5	17.12	17.40	17.42		
1.4	256QAM	3	0	17.30	17.41	17.10		
1.4	256QAM	3	1	17.35	17.31	17.43		
1.4	256QAM	3	3	17.39	17.32	17.34		
1.4	256QAM	6	0	17.33	17.21	17.54	19	5

Band 12 Ant0

BW [MHz]	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	22.55	22.61	22.50	24	0
10	QPSK	1	25	22.59	22.47	22.50		
10	QPSK	1	49	22.43	22.51	22.47		
10	QPSK	25	0	21.65	21.67	21.54	23	1
10	QPSK	25	12	21.57	21.61	21.64		
10	QPSK	25	25	21.64	21.62	21.54		
10	QPSK	50	0	21.58	21.60	21.43		
10	16QAM	1	0	21.91	21.93	21.99	23	1
10	16QAM	1	25	21.98	21.96	21.96		
10	16QAM	1	49	21.91	22.02	21.95		
10	16QAM	25	0	20.49	20.69	20.58	22	2
10	16QAM	25	12	20.52	20.70	20.52		
10	16QAM	25	25	20.59	20.54	20.78		
10	16QAM	50	0	20.67	20.54	20.61		
10	64QAM	1	0	20.45	20.62	20.54	22	2
10	64QAM	1	25	20.56	20.70	20.45		
10	64QAM	1	49	20.50	20.52	20.75		
10	64QAM	25	0	19.45	19.58	19.60	21	3
10	64QAM	25	12	19.44	19.65	19.71		
10	64QAM	25	25	19.64	19.46	19.76		
10	64QAM	50	0	19.61	19.51	19.77		
10	256QAM	1	0	17.54	17.61	17.74	19	5
10	256QAM	1	25	17.49	17.70	17.55		
10	256QAM	1	49	17.45	17.71	17.70		
10	256QAM	25	0	17.49	17.65	17.60	19	5
10	256QAM	25	12	17.62	17.60	17.70		
10	256QAM	25	25	17.69	17.61	17.66		
10	256QAM	50	0	17.65	17.60	17.82		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.44	22.56	22.47	24	0
5	QPSK	1	12	22.43	22.33	22.45		
5	QPSK	1	24	22.33	22.44	22.38		
5	QPSK	12	0	21.48	21.56	21.51	23	1
5	QPSK	12	7	21.48	21.51	21.59		
5	QPSK	12	13	21.55	21.55	21.48		
5	QPSK	25	0	21.48	21.55	21.41		
5	16QAM	1	0	21.77	21.82	21.93	23	1
5	16QAM	1	12	21.81	21.89	21.84		
5	16QAM	1	24	21.85	21.99	21.79		
5	16QAM	12	0	20.34	20.53	20.48	22	2
5	16QAM	12	7	20.43	20.58	20.38		
5	16QAM	12	13	20.53	20.48	20.75		
5	16QAM	25	0	20.51	20.36	20.48		
5	64QAM	1	0	20.34	20.58	20.42	22	2
5	64QAM	1	12	20.39	20.56	20.29		
5	64QAM	1	24	20.34	20.40	20.68		
5	64QAM	12	0	19.30	19.50	19.50	21	3
5	64QAM	12	7	19.28	19.57	19.62		
5	64QAM	12	13	19.48	19.30	19.59		
5	64QAM	25	0	19.55	19.36	19.62		
5	256QAM	1	0	17.42	17.55	17.67	19	5
5	256QAM	1	12	17.42	17.67	17.38		
5	256QAM	1	24	17.36	17.58	17.58		
5	256QAM	12	0	17.37	17.62	17.47	19	5
5	256QAM	12	7	17.59	17.54	17.55		
5	256QAM	12	13	17.55	17.53	17.49		
5	256QAM	25	0	17.52	17.52	17.69		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.46	22.48	22.45	24	0
3	QPSK	1	8	22.56	22.39	22.36		
3	QPSK	1	14	22.28	22.42	22.40		
3	QPSK	8	0	21.51	21.52	21.42	23	1
3	QPSK	8	4	21.41	21.49	21.52		
3	QPSK	8	7	21.50	21.45	21.46		
3	QPSK	15	0	21.42	21.50	21.29		
3	16QAM	1	0	21.87	21.76	21.93	23	1
3	16QAM	1	8	21.90	21.78	21.93		
3	16QAM	1	14	21.89	21.86	21.84		
3	16QAM	8	0	20.35	20.62	20.42	22	2
3	16QAM	8	4	20.45	20.56	20.37		
3	16QAM	8	7	20.51	20.39	20.75		
3	16QAM	15	0	20.63	20.51	20.51		
3	64QAM	1	0	20.28	20.52	20.38	22	2
3	64QAM	1	8	20.51	20.58	20.36		
3	64QAM	1	14	20.41	20.49	20.70		
3	64QAM	8	0	19.29	19.41	19.47	21	3
3	64QAM	8	4	19.30	19.51	19.54		
3	64QAM	8	7	19.58	19.42	19.62		
3	64QAM	15	0	19.50	19.45	19.63		
3	256QAM	1	0	17.46	17.59	17.63	19	5
3	256QAM	1	8	17.46	17.55	17.40		
3	256QAM	1	14	17.43	17.56	17.57		
3	256QAM	8	0	17.40	17.62	17.44	19	5
3	256QAM	8	4	17.59	17.52	17.66		
3	256QAM	8	7	17.63	17.52	17.56		
3	256QAM	15	0	17.62	17.45	17.73		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.48	22.47	22.37	24	0
1.4	QPSK	1	3	22.43	22.41	22.48		
1.4	QPSK	1	5	22.31	22.38	22.38		
1.4	QPSK	3	0	22.30	22.35	22.24		
1.4	QPSK	3	1	22.36	22.33	22.32		
1.4	QPSK	3	3	22.17	22.33	22.28		
1.4	QPSK	6	0	21.56	21.52	21.30	23	1
1.4	16QAM	1	0	21.75	21.86	21.96	23	1
1.4	16QAM	1	3	21.86	21.82	21.81		
1.4	16QAM	1	5	21.78	21.99	21.82		
1.4	16QAM	3	0	21.61	21.83	21.90		
1.4	16QAM	3	1	21.79	21.73	21.65		
1.4	16QAM	3	3	21.61	21.84	21.76		
1.4	16QAM	6	0	20.53	20.47	20.58	22	2
1.4	64QAM	1	0	20.39	20.56	20.38	22	2
1.4	64QAM	1	3	20.42	20.53	20.28		
1.4	64QAM	1	5	20.37	20.38	20.72		
1.4	64QAM	3	0	20.34	20.40	20.33		
1.4	64QAM	3	1	20.34	20.44	20.16		
1.4	64QAM	3	3	20.21	20.30	20.60		
1.4	64QAM	6	0	19.58	19.39	19.71	21	3
1.4	256QAM	1	0	17.51	17.57	17.67	19	5
1.4	256QAM	1	3	17.32	17.59	17.52		
1.4	256QAM	1	5	17.29	17.68	17.64		
1.4	256QAM	3	0	17.31	17.48	17.46		
1.4	256QAM	3	1	17.52	17.43	17.62		
1.4	256QAM	3	3	17.64	17.56	17.50		
1.4	256QAM	6	0	17.51	17.55	17.72	19	5

Band 13 Ant0

BW [MHz]	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	22.69	22.86	22.66	24	0
10	QPSK	1	25	22.81	22.73	22.79		
10	QPSK	1	49	22.60	22.75	22.75		
10	QPSK	25	0	21.89	21.91	21.67	23	1
10	QPSK	25	12	21.73	21.78	21.84		
10	QPSK	25	25	21.77	21.77	21.63		
10	QPSK	50	0	21.78	21.83	21.72		
10	16QAM	1	0	22.05	22.04	22.14	23	1
10	16QAM	1	25	22.10	22.20	22.12		
10	16QAM	1	49	21.97	22.06	22.22		
10	16QAM	25	0	20.64	20.88	20.88	22	2
10	16QAM	25	12	20.67	20.89	20.74		
10	16QAM	25	25	20.70	20.72	20.88		
10	16QAM	50	0	20.87	20.76	20.88		
10	64QAM	1	0	20.68	20.72	20.84	22	2
10	64QAM	1	25	20.77	20.88	20.65		
10	64QAM	1	49	20.66	20.73	20.88		
10	64QAM	25	0	19.72	19.80	19.71	21	3
10	64QAM	25	12	19.71	19.90	19.84		
10	64QAM	25	25	19.83	19.67	19.93		
10	64QAM	50	0	19.81	19.80	19.80		
10	256QAM	1	0	17.65	17.79	17.94	19	5
10	256QAM	1	25	17.80	17.82	17.71		
10	256QAM	1	49	17.62	17.93	17.81		
10	256QAM	25	0	17.74	17.86	17.75	19	5
10	256QAM	25	12	17.79	17.76	17.82		
10	256QAM	25	25	17.86	17.71	17.86		
10	256QAM	50	0	17.83	17.63	17.96		
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.65	22.70	22.55	24	0
5	QPSK	1	12	22.70	22.64	22.70		
5	QPSK	1	24	22.46	22.58	22.69		
5	QPSK	12	0	21.76	21.83	21.62	23	1
5	QPSK	12	7	21.66	21.60	21.74		
5	QPSK	12	13	21.69	21.72	21.53		
5	QPSK	25	0	21.75	21.79	21.56		
5	16QAM	1	0	22.00	21.99	22.07	23	1
5	16QAM	1	12	22.04	22.08	22.03		
5	16QAM	1	24	21.94	21.96	22.09		
5	16QAM	12	0	20.52	20.72	20.82	22	2
5	16QAM	12	7	20.61	20.87	20.63		
5	16QAM	12	13	20.63	20.57	20.78		
5	16QAM	25	0	20.84	20.61	20.81		
5	64QAM	1	0	20.59	20.62	20.72	22	2
5	64QAM	1	12	20.66	20.83	20.59		
5	64QAM	1	24	20.48	20.62	20.77		
5	64QAM	12	0	19.58	19.67	19.53	21	3
5	64QAM	12	7	19.68	19.85	19.70		
5	64QAM	12	13	19.72	19.53	19.81		
5	64QAM	25	0	19.72	19.71	19.75		
5	256QAM	1	0	17.49	17.66	17.82	19	5
5	256QAM	1	12	17.77	17.71	17.64		
5	256QAM	1	24	17.58	17.77	17.66		
5	256QAM	12	0	17.65	17.75	17.68	19	5
5	256QAM	12	7	17.68	17.61	17.79		
5	256QAM	12	13	17.76	17.66	17.74		
5	256QAM	25	0	17.80	17.49	17.88		

Band 17 Ant0

BW [MHz]	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	22.49	22.53	22.47	24	0
10	QPSK	1	25	22.37	22.49	22.37		
10	QPSK	1	49	22.51	22.41	22.48		
10	QPSK	25	0	21.53	21.60	21.53	23	1
10	QPSK	25	12	21.51	21.51	21.44		
10	QPSK	25	25	21.56	21.42	21.42		
10	QPSK	50	0	21.49	21.56	21.39		
10	16QAM	1	0	21.38	21.57	21.40	23	1
10	16QAM	1	25	21.65	21.59	21.58		
10	16QAM	1	49	21.49	21.57	21.52		
10	16QAM	25	0	20.55	20.67	20.55	22	2
10	16QAM	25	12	20.55	20.66	20.37		
10	16QAM	25	25	20.57	20.72	20.37		
10	16QAM	50	0	20.44	20.48	20.42		
10	64QAM	1	0	20.51	20.53	20.45	22	2
10	64QAM	1	25	20.44	20.42	20.55		
10	64QAM	1	49	20.52	20.46	20.33		
10	64QAM	25	0	19.42	19.57	19.46	21	3
10	64QAM	25	12	19.47	19.48	19.60		
10	64QAM	25	25	19.50	19.44	19.45		
10	64QAM	50	0	19.56	19.43	19.42		
10	256QAM	1	0	17.51	17.49	17.34	19	5
10	256QAM	1	25	17.49	17.66	17.56		
10	256QAM	1	49	17.41	17.46	17.35		
10	256QAM	25	0	17.43	17.39	17.56	19	5
10	256QAM	25	12	17.54	17.46	17.40		
10	256QAM	25	25	17.54	17.49	17.57		
10	256QAM	50	0	17.62	17.52	17.44		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.34	22.41	22.34	24	0
5	QPSK	1	12	22.27	22.36	22.24		
5	QPSK	1	24	22.44	22.30	22.43		
5	QPSK	12	0	21.44	21.55	21.36	23	1
5	QPSK	12	7	21.38	21.40	21.41		
5	QPSK	12	13	21.43	21.30	21.32		
5	QPSK	25	0	21.33	21.49	21.31		
5	16QAM	1	0	21.32	21.53	21.31	23	1
5	16QAM	1	12	21.57	21.43	21.50		
5	16QAM	1	24	21.40	21.43	21.43		
5	16QAM	12	0	20.53	20.64	20.44	22	2
5	16QAM	12	7	20.42	20.52	20.29		
5	16QAM	12	13	20.45	20.57	20.20		
5	16QAM	25	0	20.30	20.37	20.33		
5	64QAM	1	0	20.34	20.44	20.40	22	2
5	64QAM	1	12	20.33	20.29	20.38		
5	64QAM	1	24	20.41	20.39	20.16		
5	64QAM	12	0	19.31	19.53	19.39	21	3
5	64QAM	12	7	19.43	19.42	19.51		
5	64QAM	12	13	19.47	19.33	19.39		
5	64QAM	25	0	19.49	19.34	19.38		
5	256QAM	1	0	17.42	17.40	17.29	19	5
5	256QAM	1	12	17.32	17.52	17.43		
5	256QAM	1	24	17.34	17.41	17.17		
5	256QAM	12	0	17.26	17.28	17.39	19	5
5	256QAM	12	7	17.42	17.35	17.27		
5	256QAM	12	13	17.41	17.40	17.50		
5	256QAM	25	0	17.53	17.38	17.38		

Band 26 for FCC Ant0

BW [MHz]	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	22.62	22.65	22.59	24	0
15	QPSK	1	37	22.47	22.64	22.48		
15	QPSK	1	74	22.62	22.55	22.47		
15	QPSK	36	0	21.61	21.64	21.60	23	1
15	QPSK	36	20	21.61	21.57	21.59		
15	QPSK	36	39	21.61	21.60	21.53		
15	QPSK	75	0	21.66	21.73	21.40		
15	16QAM	1	0	21.56	21.61	21.52	23	1
15	16QAM	1	37	21.65	21.73	21.59		
15	16QAM	1	74	21.55	21.68	21.59		
15	16QAM	36	0	20.52	20.67	20.68	22	2
15	16QAM	36	20	20.59	20.68	20.46		
15	16QAM	36	39	20.54	20.82	20.41		
15	16QAM	75	0	20.50	20.63	20.52		
15	64QAM	1	0	20.60	20.69	20.55	22	2
15	64QAM	1	37	20.59	20.53	20.61		
15	64QAM	1	74	20.65	20.55	20.53		
15	64QAM	36	0	19.46	19.63	19.63	21	3
15	64QAM	36	20	19.48	19.60	19.55		
15	64QAM	36	39	19.66	19.61	19.58		
15	64QAM	75	0	19.63	19.57	19.60		
15	256QAM	1	0	17.67	17.70	17.46	19	5
15	256QAM	1	37	17.53	17.77	17.64		
15	256QAM	1	74	17.51	17.57	17.44		
15	256QAM	36	0	17.52	17.51	17.68	19	5
15	256QAM	36	20	17.56	17.52	17.51		
15	256QAM	36	39	17.59	17.70	17.69		
15	256QAM	75	0	17.61	17.58	17.56		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.56	22.47	22.43	24	0
10	QPSK	1	25	22.35	22.56	22.33		
10	QPSK	1	49	22.54	22.50	22.32		
10	QPSK	25	0	21.51	21.53	21.57	23	1
10	QPSK	25	12	21.46	21.45	21.45		
10	QPSK	25	25	21.56	21.42	21.44		
10	QPSK	50	0	21.48	21.68	21.27		
10	16QAM	1	0	21.53	21.58	21.42	23	1
10	16QAM	1	25	21.52	21.65	21.54		
10	16QAM	1	49	21.37	21.63	21.51		
10	16QAM	25	0	20.47	20.61	20.63	22	2
10	16QAM	25	12	20.43	20.55	20.31		
10	16QAM	25	25	20.45	20.77	20.34		
10	16QAM	50	0	20.47	20.47	20.43		
10	64QAM	1	0	20.48	20.61	20.43	22	2
10	64QAM	1	25	20.45	20.47	20.59		
10	64QAM	1	49	20.56	20.45	20.43		
10	64QAM	25	0	19.39	19.59	19.58	21	3
10	64QAM	25	12	19.36	19.56	19.40		
10	64QAM	25	25	19.63	19.43	19.47		
10	64QAM	50	0	19.59	19.53	19.52		
10	256QAM	1	0	17.53	17.56	17.38	19	5
10	256QAM	1	25	17.44	17.61	17.54		
10	256QAM	1	49	17.49	17.45	17.33		
10	256QAM	25	0	17.42	17.41	17.62	19	5
10	256QAM	25	12	17.51	17.38	17.48		
10	256QAM	25	25	17.48	17.65	17.59		
10	256QAM	50	0	17.53	17.40	17.51		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.54	22.47	22.52	24	0
5	QPSK	1	12	22.39	22.56	22.33		
5	QPSK	1	24	22.60	22.51	22.44		
5	QPSK	12	0	21.45	21.58	21.48	23	1
5	QPSK	12	7	21.55	21.47	21.44		
5	QPSK	12	13	21.54	21.44	21.45		
5	QPSK	25	0	21.56	21.61	21.37		
5	16QAM	1	0	21.52	21.52	21.41	23	1
5	16QAM	1	12	21.62	21.60	21.44		
5	16QAM	1	24	21.49	21.64	21.52		
5	16QAM	12	0	20.37	20.52	20.51	22	2
5	16QAM	12	7	20.50	20.60	20.40		
5	16QAM	12	13	20.49	20.80	20.35		
5	16QAM	25	0	20.37	20.54	20.36		
5	64QAM	1	0	20.55	20.57	20.43	22	2
5	64QAM	1	12	20.51	20.36	20.49		
5	64QAM	1	24	20.53	20.45	20.39		
5	64QAM	12	0	19.33	19.49	19.54	21	3
5	64QAM	12	7	19.43	19.53	19.52		
5	64QAM	12	13	19.57	19.58	19.45		
5	64QAM	25	0	19.49	19.54	19.52		
5	256QAM	1	0	17.51	17.53	17.43	19	5
5	256QAM	1	12	17.42	17.70	17.60		
5	256QAM	1	24	17.36	17.54	17.32		
5	256QAM	12	0	17.48	17.49	17.59	19	5
5	256QAM	12	7	17.51	17.44	17.45		
5	256QAM	12	13	17.51	17.63	17.56		
5	256QAM	25	0	17.52	17.42	17.54		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.51	22.61	22.55	24	0
3	QPSK	1	8	22.42	22.56	22.40		
3	QPSK	1	14	22.49	22.48	22.43		
3	QPSK	8	0	21.46	21.51	21.52	23	1
3	QPSK	8	4	21.50	21.50	21.42		
3	QPSK	8	7	21.49	21.57	21.37		
3	QPSK	15	0	21.57	21.62	21.27		
3	16QAM	1	0	21.50	21.58	21.40	23	1
3	16QAM	1	8	21.58	21.65	21.53		
3	16QAM	1	14	21.49	21.58	21.45		
3	16QAM	8	0	20.42	20.60	20.52	22	2
3	16QAM	8	4	20.57	20.64	20.39		
3	16QAM	8	7	20.43	20.73	20.33		
3	16QAM	15	0	20.40	20.46	20.39		
3	64QAM	1	0	20.50	20.52	20.39	22	2
3	64QAM	1	8	20.48	20.38	20.57		
3	64QAM	1	14	20.63	20.44	20.43		
3	64QAM	8	0	19.41	19.55	19.56	21	3
3	64QAM	8	4	19.35	19.55	19.43		
3	64QAM	8	7	19.48	19.54	19.52		
3	64QAM	15	0	19.49	19.44	19.51		
3	256QAM	1	0	17.52	17.52	17.33	19	5
3	256QAM	1	8	17.38	17.64	17.54		
3	256QAM	1	14	17.35	17.50	17.28		
3	256QAM	8	0	17.40	17.44	17.54	19	5
3	256QAM	8	4	17.51	17.49	17.39		
3	256QAM	8	7	17.50	17.66	17.51		
3	256QAM	15	0	17.45	17.43	17.53		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.59	22.52	22.56	24	0
1.4	QPSK	1	3	22.39	22.55	22.36		
1.4	QPSK	1	5	22.57	22.46	22.34		
1.4	QPSK	3	0	22.42	22.48	22.42		
1.4	QPSK	3	1	22.31	22.38	22.33		
1.4	QPSK	3	3	22.50	22.39	22.20		
1.4	QPSK	6	0	21.52	21.63	21.37	23	1
1.4	16QAM	1	0	21.45	21.49	21.43	23	1
1.4	16QAM	1	3	21.57	21.67	21.46		
1.4	16QAM	1	5	21.48	21.58	21.43		
1.4	16QAM	3	0	21.37	21.33	21.27		
1.4	16QAM	3	1	21.48	21.57	21.41		
1.4	16QAM	3	3	21.38	21.56	21.29		
1.4	16QAM	6	0	20.38	20.55	20.41	22	2
1.4	64QAM	1	0	20.50	20.59	20.40	22	2
1.4	64QAM	1	3	20.56	20.35	20.57		
1.4	64QAM	1	5	20.47	20.39	20.37		
1.4	64QAM	3	0	20.47	20.56	20.28		
1.4	64QAM	3	1	20.47	20.33	20.42		
1.4	64QAM	3	3	20.37	20.21	20.21		
1.4	64QAM	6	0	19.48	19.46	19.47	21	3
1.4	256QAM	1	0	17.55	17.58	17.30	19	5
1.4	256QAM	1	3	17.36	17.74	17.62		
1.4	256QAM	1	5	17.49	17.53	17.29		
1.4	256QAM	3	0	17.46	17.45	17.62		
1.4	256QAM	3	1	17.40	17.42	17.39		
1.4	256QAM	3	3	17.48	17.58	17.62		
1.4	256QAM	6	0	17.55	17.51	17.50	19	5

GSM1900 Ant1	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	28.42	28.52	28.43	29.50	19.42	19.52	19.43	20.50
GPRS 1 Tx slot	28.39	28.49	28.36	29.50	19.39	19.49	19.36	20.50
GPRS 2 Tx slots	26.86	26.92	26.84	28.00	20.86	20.92	20.84	22.00
GPRS 3 Tx slots	25.39	25.39	25.36	26.50	21.13	21.13	21.10	22.24
GPRS 4 Tx slots	23.89	23.90	23.83	25.00	20.89	20.90	20.83	22.00
EDGE 1 Tx slot	23.15	23.23	22.99	24.00	14.15	14.23	13.99	15.00
EDGE 2 Tx slots	21.43	21.48	21.24	22.50	15.43	15.48	15.24	16.50
EDGE 3 Tx slots	19.61	19.70	19.36	20.50	15.35	15.44	15.10	16.24
EDGE 4 Tx slots	17.69	17.93	17.65	18.50	14.69	14.93	14.65	15.50

Band		WCDMA II Ant1			Tune-up Limit (dBm)	WCDMA IV Ant1			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	22.47	22.65	22.51	24.00	22.55	22.64	22.55	24.00
3GPP Rel 99	RMC 12.2Kbps	22.64	22.70	22.68	24.00	22.66	22.72	22.65	24.00
3GPP Rel 6	HSDPA Subtest-1	21.61	21.72	21.73	23.00	21.58	21.74	21.66	23.00
3GPP Rel 6	HSDPA Subtest-2	21.65	21.77	21.69	23.00	21.58	21.68	21.72	23.00
3GPP Rel 6	HSDPA Subtest-3	21.17	21.19	21.24	22.50	21.12	21.24	21.21	22.50
3GPP Rel 6	HSDPA Subtest-4	21.21	21.23	21.18	22.50	21.21	21.22	21.23	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.59	21.67	21.76	23.00	21.68	21.66	21.67	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.60	21.66	21.63	23.00	21.62	21.80	21.61	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.07	21.22	21.17	22.50	21.19	21.21	21.15	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.22	21.20	21.16	22.50	21.20	21.20	21.10	22.50
3GPP Rel 6	HSUPA Subtest-1	21.64	21.68	21.69	23.00	21.69	21.78	21.61	23.00
3GPP Rel 6	HSUPA Subtest-2	19.69	19.67	19.69	21.00	19.61	19.74	19.70	21.00
3GPP Rel 6	HSUPA Subtest-3	20.67	20.70	20.64	22.00	20.64	20.71	20.71	22.00
3GPP Rel 6	HSUPA Subtest-4	19.61	19.78	19.68	21.00	19.66	19.65	19.65	21.00
3GPP Rel 6	HSUPA Subtest-5	21.64	21.73	21.63	23.00	21.73	21.67	21.58	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.06	19.15	19.14	20.50	19.13	19.27	19.19	20.50

Band 2 Ant1

BW [MHz]	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	22.80	22.87	22.74	24	0
20	QPSK	1	49	22.85	22.77	22.79		
20	QPSK	1	99	22.70	22.78	22.76		
20	QPSK	50	0	21.88	21.91	21.80	23	1
20	QPSK	50	24	21.84	21.89	21.90		
20	QPSK	50	50	21.81	21.84	21.77		
20	QPSK	100	0	21.87	21.90	21.73		
20	16QAM	1	0	22.11	22.17	22.16	23	1
20	16QAM	1	49	22.21	22.26	22.13		
20	16QAM	1	99	22.07	22.20	22.26		
20	16QAM	50	0	20.74	20.86	20.89	22	2
20	16QAM	50	24	20.73	20.94	20.81		
20	16QAM	50	50	20.76	20.84	20.95		
20	16QAM	100	0	20.89	20.85	20.88		
20	64QAM	1	0	20.68	20.83	20.73	22	2
20	64QAM	1	49	20.79	20.97	20.72		
20	64QAM	1	99	20.67	20.79	21.02		
20	64QAM	50	0	19.74	19.85	19.83	21	3
20	64QAM	50	24	19.70	19.90	19.90		
20	64QAM	50	50	19.82	19.74	20.00		
20	64QAM	100	0	19.88	19.79	19.93		
20	256QAM	1	0	17.77	17.87	18.00	19	5
20	256QAM	1	49	17.78	17.92	17.73		
20	256QAM	1	99	17.64	17.94	17.91		
20	256QAM	50	0	17.80	17.86	17.76	19	5
20	256QAM	50	24	17.88	17.84	17.91		
20	256QAM	50	50	17.88	17.84	17.91		
20	256QAM	100	0	17.84	17.76	17.98		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.74	22.77	22.75	24	0
15	QPSK	1	37	22.78	22.82	22.77		
15	QPSK	1	74	22.78	22.76	22.62		
15	QPSK	36	0	21.97	21.79	21.66	23	1
15	QPSK	36	20	21.73	21.96	21.89		
15	QPSK	36	39	21.69	21.81	21.64		
15	QPSK	75	0	21.75	21.93	21.62		
15	16QAM	1	0	21.99	22.04	22.03	23	1
15	16QAM	1	37	22.14	22.26	22.13		
15	16QAM	1	74	22.15	22.08	22.31		
15	16QAM	36	0	20.71	20.88	20.82	22	2
15	16QAM	36	20	20.63	20.81	20.83		
15	16QAM	36	39	20.68	20.85	20.81		
15	16QAM	75	0	20.85	20.85	20.89		
15	64QAM	1	0	20.77	20.73	20.76	22	2
15	64QAM	1	37	20.78	20.95	20.60		
15	64QAM	1	74	20.70	20.72	21.06		
15	64QAM	36	0	19.82	19.73	19.77	21	3
15	64QAM	36	20	19.69	19.94	19.98		
15	64QAM	36	39	19.89	19.76	19.93		
15	64QAM	75	0	19.85	19.68	19.82		
15	256QAM	1	0	17.76	17.83	17.94	19	5
15	256QAM	1	37	17.83	17.82	17.66		
15	256QAM	1	74	17.56	17.96	17.96		
15	256QAM	36	0	17.73	17.81	17.71	19	5
15	256QAM	36	20	17.91	17.88	17.91		
15	256QAM	36	39	17.75	17.89	17.90		
15	256QAM	75	0	17.81	17.79	18.01		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.66	22.82	22.74	24	0
10	QPSK	1	25	22.85	22.69	22.85		
10	QPSK	1	49	22.72	22.68	22.64		
10	QPSK	25	0	21.81	21.88	21.76	23	1
10	QPSK	25	12	21.81	21.83	21.87		
10	QPSK	25	25	21.80	21.87	21.64		
10	QPSK	50	0	21.82	21.88	21.76		
10	16QAM	1	0	22.07	22.13	22.06	23	1
10	16QAM	1	25	22.19	22.32	22.07		
10	16QAM	1	49	21.98	22.11	22.16		
10	16QAM	25	0	20.81	20.83	20.79	22	2
10	16QAM	25	12	20.69	20.90	20.87		
10	16QAM	25	25	20.73	20.76	20.91		
10	16QAM	50	0	20.85	20.82	20.95		
10	64QAM	1	0	20.64	20.74	20.79	22	2
10	64QAM	1	25	20.84	20.83	20.58		
10	64QAM	1	49	20.64	20.87	21.05		
10	64QAM	25	0	19.78	19.76	19.86	21	3
10	64QAM	25	12	19.71	19.75	19.86		
10	64QAM	25	25	19.90	19.61	20.07		
10	64QAM	50	0	19.87	19.80	19.78		
10	256QAM	1	0	17.83	17.85	17.87	19	5
10	256QAM	1	25	17.82	17.88	17.68		
10	256QAM	1	49	17.62	17.90	17.92		
10	256QAM	25	0	17.74	17.71	17.80	19	5
10	256QAM	25	12	17.95	17.85	17.82		
10	256QAM	25	25	17.73	17.78	17.84		
10	256QAM	50	0	17.75	17.75	18.05		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.66	22.83	22.79	24	0
5	QPSK	1	12	22.85	22.71	22.83		
5	QPSK	1	24	22.72	22.73	22.63		
5	QPSK	12	0	21.81	21.78	21.76	23	1
5	QPSK	12	7	21.71	21.97	21.77		
5	QPSK	12	13	21.72	21.70	21.68		
5	QPSK	25	0	21.72	21.85	21.70		
5	16QAM	1	0	21.99	22.16	22.15	23	1
5	16QAM	1	12	22.17	22.18	22.18		
5	16QAM	1	24	22.11	22.11	22.20		
5	16QAM	12	0	20.66	20.82	20.92	22	2
5	16QAM	12	7	20.68	20.91	20.70		
5	16QAM	12	13	20.72	20.70	20.82		
5	16QAM	25	0	20.84	20.71	20.90		
5	64QAM	1	0	20.72	20.76	20.68	22	2
5	64QAM	1	12	20.87	20.86	20.78		
5	64QAM	1	24	20.67	20.90	20.99		
5	64QAM	12	0	19.73	19.94	19.82	21	3
5	64QAM	12	7	19.78	19.94	19.80		
5	64QAM	12	13	19.89	19.82	19.87		
5	64QAM	25	0	19.89	19.85	19.93		
5	256QAM	1	0	17.68	17.81	17.93	19	5
5	256QAM	1	12	17.84	17.81	17.61		
5	256QAM	1	24	17.58	18.02	17.80		
5	256QAM	12	0	17.85	17.78	17.82	19	5
5	256QAM	12	7	17.89	17.86	17.82		
5	256QAM	12	13	17.78	17.83	17.82		
5	256QAM	25	0	17.86	17.74	17.98		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.82	22.85	22.83	24	0
3	QPSK	1	8	22.74	22.76	22.66		
3	QPSK	1	14	22.78	22.80	22.66		
3	QPSK	8	0	21.76	22.00	21.77	23	1
3	QPSK	8	4	21.72	21.91	21.98		
3	QPSK	8	7	21.75	21.82	21.65		
3	QPSK	15	0	21.73	21.86	21.78		
3	16QAM	1	0	22.18	22.04	22.13	23	1
3	16QAM	1	8	22.10	22.21	22.01		
3	16QAM	1	14	22.14	22.17	22.23		
3	16QAM	8	0	20.66	20.87	20.86	22	2
3	16QAM	8	4	20.60	21.03	20.84		
3	16QAM	8	7	20.85	20.77	20.89		
3	16QAM	15	0	20.85	20.80	20.97		
3	64QAM	1	0	20.77	20.91	20.78	22	2
3	64QAM	1	8	20.65	20.96	20.69		
3	64QAM	1	14	20.71	20.86	20.88		
3	64QAM	8	0	19.78	19.78	19.70	21	3
3	64QAM	8	4	19.64	19.98	19.90		
3	64QAM	8	7	19.87	19.66	19.94		
3	64QAM	15	0	19.81	19.79	19.90		
3	256QAM	1	0	17.71	17.76	18.00	19	5
3	256QAM	1	8	17.63	17.94	17.63		
3	256QAM	1	14	17.66	17.99	17.93		
3	256QAM	8	0	17.88	17.80	17.71	19	5
3	256QAM	8	4	17.75	17.75	17.95		
3	256QAM	8	7	17.84	17.73	17.81		
3	256QAM	15	0	17.84	17.73	17.99		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.69	22.82	22.63	24	0
1.4	QPSK	1	3	22.84	22.75	22.71		
1.4	QPSK	1	5	22.74	22.67	22.69		
1.4	QPSK	3	0	22.73	22.79	22.77		
1.4	QPSK	3	1	22.72	22.67	22.79		
1.4	QPSK	3	3	22.64	22.70	22.64		
1.4	QPSK	6	0	21.74	21.85	21.62	23	1
1.4	16QAM	1	0	21.58	21.82	21.56	23	1
1.4	16QAM	1	3	21.84	21.83	21.66		
1.4	16QAM	1	5	21.82	21.58	21.68		
1.4	16QAM	3	0	21.66	21.81	21.72		
1.4	16QAM	3	1	21.77	21.70	21.82		
1.4	16QAM	3	3	21.63	21.82	21.63		
1.4	16QAM	6	0	20.80	20.71	20.61	22	2
1.4	64QAM	1	0	20.78	20.87	20.61	22	2
1.4	64QAM	1	3	20.84	20.66	20.82		
1.4	64QAM	1	5	20.72	20.59	20.65		
1.4	64QAM	3	0	20.74	20.81	20.80		
1.4	64QAM	3	1	20.60	20.77	20.76		
1.4	64QAM	3	3	20.53	20.70	20.74		
1.4	64QAM	6	0	19.55	19.65	19.70	21	3
1.4	256QAM	1	0	17.62	17.76	17.57	19	5
1.4	256QAM	1	3	17.78	17.81	17.72		
1.4	256QAM	1	5	17.76	17.57	17.68		
1.4	256QAM	3	0	17.81	17.83	17.68		
1.4	256QAM	3	1	17.73	17.74	17.73		
1.4	256QAM	3	3	17.63	17.72	17.61		
1.4	256QAM	6	0	17.71	17.78	17.74	19	5

Band 4 Ant1

BW [MHz]	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	22.80	22.86	22.84	24	0
20	QPSK	1	49	22.81	22.84	22.74		
20	QPSK	1	99	22.85	22.82	22.79		
20	QPSK	50	0	21.90	21.92	21.86	23	1
20	QPSK	50	24	21.80	21.73	21.70		
20	QPSK	50	50	21.78	21.81	21.75		
20	QPSK	100	0	21.82	21.90	21.77		
20	16QAM	1	0	21.78	21.77	21.86	23	1
20	16QAM	1	49	21.71	21.89	21.65		
20	16QAM	1	99	21.80	21.72	21.75		
20	16QAM	50	0	20.77	20.94	20.72	22	2
20	16QAM	50	24	20.70	20.75	20.73		
20	16QAM	50	50	20.84	20.75	20.80		
20	16QAM	100	0	20.77	20.91	20.84		
20	64QAM	1	0	20.69	20.82	20.90	22	2
20	64QAM	1	49	20.73	20.85	20.63		
20	64QAM	1	99	20.84	20.80	20.69		
20	64QAM	50	0	19.90	19.86	19.77	21	3
20	64QAM	50	24	19.87	19.79	19.68		
20	64QAM	50	50	19.78	19.90	19.90		
20	64QAM	100	0	19.80	19.82	19.71		
20	256QAM	1	0	17.91	17.77	17.84	19	5
20	256QAM	1	49	17.91	17.83	17.80		
20	256QAM	1	99	17.87	17.80	17.83		
20	256QAM	50	0	17.88	17.98	17.75	19	5
20	256QAM	50	24	17.75	17.89	17.69		
20	256QAM	50	50	17.78	17.71	17.82		
20	256QAM	100	0	17.91	17.89	17.70		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.80	22.74	22.77	24	0
15	QPSK	1	37	22.72	22.82	22.64		
15	QPSK	1	74	22.79	22.78	22.60		
15	QPSK	36	0	21.69	21.76	21.71	23	1
15	QPSK	36	20	21.81	21.75	21.60		
15	QPSK	36	39	21.66	21.76	21.56		
15	QPSK	75	0	21.67	21.79	21.74		
15	16QAM	1	0	21.71	21.60	21.74	23	1
15	16QAM	1	37	21.49	21.88	21.54		
15	16QAM	1	74	21.59	21.55	21.65		
15	16QAM	36	0	20.64	20.89	20.51	22	2
15	16QAM	36	20	20.66	20.60	20.72		
15	16QAM	36	39	20.70	20.64	20.71		
15	16QAM	75	0	20.66	20.93	20.82		
15	64QAM	1	0	20.66	20.76	20.83	22	2
15	64QAM	1	37	20.73	20.67	20.53		
15	64QAM	1	74	20.66	20.70	20.54		
15	64QAM	36	0	19.87	19.72	19.56	21	3
15	64QAM	36	20	19.73	19.58	19.50		
15	64QAM	36	39	19.59	19.70	19.79		
15	64QAM	75	0	19.68	19.81	19.57		
15	256QAM	1	0	17.80	17.71	17.78	19	5
15	256QAM	1	37	17.72	17.69	17.78		
15	256QAM	1	74	17.79	17.73	17.84		
15	256QAM	36	0	17.66	17.90	17.70	19	5
15	256QAM	36	20	17.54	17.67	17.68		
15	256QAM	36	39	17.68	17.70	17.75		
15	256QAM	75	0	17.79	17.77	17.60		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.70	22.75	22.82	24	0
10	QPSK	1	25	22.78	22.69	22.74		
10	QPSK	1	49	22.80	22.61	22.67		
10	QPSK	25	0	21.69	21.85	21.68	23	1
10	QPSK	25	12	21.61	21.74	21.68		
10	QPSK	25	25	21.61	21.85	21.72		
10	QPSK	50	0	21.70	21.69	21.72		
10	16QAM	1	0	21.63	21.69	21.74	23	1
10	16QAM	1	25	21.65	21.89	21.49		
10	16QAM	1	49	21.71	21.62	21.72		
10	16QAM	25	0	20.56	20.92	20.61	22	2
10	16QAM	25	12	20.49	20.61	20.57		
10	16QAM	25	25	20.78	20.58	20.60		
10	16QAM	50	0	20.76	20.79	20.73		
10	64QAM	1	0	20.50	20.70	20.82	22	2
10	64QAM	1	25	20.74	20.79	20.60		
10	64QAM	1	49	20.81	20.76	20.60		
10	64QAM	25	0	19.70	19.82	19.67	21	3
10	64QAM	25	12	19.75	19.75	19.68		
10	64QAM	25	25	19.62	19.71	19.74		
10	64QAM	50	0	19.63	19.68	19.73		
10	256QAM	1	0	17.83	17.64	17.84	19	5
10	256QAM	1	25	17.73	17.83	17.76		
10	256QAM	1	49	17.83	17.68	17.67		
10	256QAM	25	0	17.72	17.78	17.77	19	5
10	256QAM	25	12	17.71	17.85	17.59		
10	256QAM	25	25	17.79	17.72	17.62		
10	256QAM	50	0	17.72	17.67	17.66		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.73	22.73	22.85	24	0
5	QPSK	1	12	22.73	22.76	22.64		
5	QPSK	1	24	22.69	22.70	22.62		
5	QPSK	12	0	21.90	21.90	21.77	23	1
5	QPSK	12	7	21.64	21.75	21.68		
5	QPSK	12	13	21.67	21.68	21.74		
5	QPSK	25	0	21.72	21.77	21.60		
5	16QAM	1	0	21.61	21.77	21.65	23	1
5	16QAM	1	12	21.67	21.70	21.66		
5	16QAM	1	24	21.63	21.58	21.71		
5	16QAM	12	0	20.60	20.76	20.57	22	2
5	16QAM	12	7	20.69	20.57	20.72		
5	16QAM	12	13	20.68	20.68	20.65		
5	16QAM	25	0	20.69	20.83	20.83		
5	64QAM	1	0	20.49	20.72	20.76	22	2
5	64QAM	1	12	20.59	20.73	20.60		
5	64QAM	1	24	20.80	20.60	20.71		
5	64QAM	12	0	19.86	19.83	19.66	21	3
5	64QAM	12	7	19.75	19.65	19.55		
5	64QAM	12	13	19.68	19.77	19.71		
5	64QAM	25	0	19.76	19.73	19.67		
5	256QAM	1	0	17.71	17.63	17.78	19	5
5	256QAM	1	12	17.76	17.69	17.82		
5	256QAM	1	24	17.82	17.62	17.73		
5	256QAM	12	0	17.83	17.86	17.66	19	5
5	256QAM	12	7	17.75	17.88	17.48		
5	256QAM	12	13	17.59	17.67	17.73		
5	256QAM	25	0	17.80	17.71	17.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.75	22.71	22.80	24	0
3	QPSK	1	8	22.79	22.81	22.60		
3	QPSK	1	14	22.72	22.61	22.67		
3	QPSK	8	0	21.87	21.89	21.78	23	1
3	QPSK	8	4	21.81	21.66	21.69		
3	QPSK	8	7	21.58	21.74	21.67		
3	QPSK	15	0	21.70	21.77	21.64		
3	16QAM	1	0	21.56	21.71	21.82	23	1
3	16QAM	1	8	21.65	21.74	21.47		
3	16QAM	1	14	21.69	21.67	21.74		
3	16QAM	8	0	20.60	20.84	20.63	22	2
3	16QAM	8	4	20.65	20.61	20.63		
3	16QAM	8	7	20.82	20.53	20.82		
3	16QAM	15	0	20.68	20.90	20.85		
3	64QAM	1	0	20.51	20.71	20.83	22	2
3	64QAM	1	8	20.65	20.69	20.59		
3	64QAM	1	14	20.71	20.75	20.47		
3	64QAM	8	0	19.77	19.81	19.60	21	3
3	64QAM	8	4	19.66	19.79	19.52		
3	64QAM	8	7	19.60	19.87	19.77		
3	64QAM	15	0	19.59	19.76	19.57		
3	256QAM	1	0	17.73	17.74	17.64	19	5
3	256QAM	1	8	17.83	17.83	17.78		
3	256QAM	1	14	17.67	17.62	17.66		
3	256QAM	8	0	17.76	17.83	17.72	19	5
3	256QAM	8	4	17.55	17.87	17.62		
3	256QAM	8	7	17.72	17.62	17.82		
3	256QAM	15	0	17.74	17.79	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	22.62	22.73	22.72	24	0
1.4	QPSK	1	3	22.66	22.74	22.81		
1.4	QPSK	1	5	22.76	22.69	22.65		
1.4	QPSK	3	0	22.77	22.68	22.81		
1.4	QPSK	3	1	22.76	22.66	22.84		
1.4	QPSK	3	3	22.61	22.78	22.70		
1.4	QPSK	6	0	21.80	21.95	21.73	23	1
1.4	16QAM	1	0	21.87	21.95	21.77	23	1
1.4	16QAM	1	3	21.80	21.81	21.92		
1.4	16QAM	1	5	21.84	21.92	21.96		
1.4	16QAM	3	0	21.91	21.77	21.74		
1.4	16QAM	3	1	21.76	21.79	21.79		
1.4	16QAM	3	3	21.73	21.81	21.80		
1.4	16QAM	6	0	20.82	20.96	20.89	22	2
1.4	64QAM	1	0	20.71	20.80	20.76	22	2
1.4	64QAM	1	3	20.84	20.88	20.77		
1.4	64QAM	1	5	20.69	20.80	20.88		
1.4	64QAM	3	0	20.86	20.83	20.74		
1.4	64QAM	3	1	20.69	20.92	20.89		
1.4	64QAM	3	3	20.89	20.81	20.81		
1.4	64QAM	6	0	19.87	19.94	19.74	21	3
1.4	256QAM	1	0	17.91	17.90	17.85	19	5
1.4	256QAM	1	3	17.79	17.77	17.89		
1.4	256QAM	1	5	17.70	17.82	17.94		
1.4	256QAM	3	0	17.79	17.93	17.81		
1.4	256QAM	3	1	17.85	17.87	17.88		
1.4	256QAM	3	3	17.72	17.76	17.83		
1.4	256QAM	6	0	17.87	17.82	17.90	19	5

Band 7 Ant1

BW [MHz]	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	22.78	22.84	22.76	24	0
20	QPSK	1	49	22.63	22.79	22.64		
20	QPSK	1	99	22.77	22.74	22.70		
20	QPSK	50	0	21.80	21.89	21.79	23	1
20	QPSK	50	24	21.82	21.83	21.77		
20	QPSK	50	50	21.82	21.79	21.73		
20	QPSK	100	0	21.84	21.86	21.65		
20	16QAM	1	0	21.71	21.86	21.75	23	1
20	16QAM	1	49	21.89	21.90	21.84		
20	16QAM	1	99	21.79	21.92	21.77		
20	16QAM	50	0	20.79	20.93	20.83	22	2
20	16QAM	50	24	20.82	20.93	20.69		
20	16QAM	50	50	20.83	20.96	20.68		
20	16QAM	100	0

Band 25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.90	22.93	22.85	24	0
20	QPSK	1	49	22.80	22.88	22.89		
20	QPSK	1	99	22.81	22.90	22.90		
20	QPSK	50	0	22.03	22.05	21.88	23	1
20	QPSK	50	24	21.94	22.00	21.99		
20	QPSK	50	50	21.87	21.93	21.90		
20	QPSK	100	0	21.98	22.04	21.83		
20	16QAM	1	0	22.18	22.31	22.29	23	1
20	16QAM	1	49	22.35	22.35	22.24		
20	16QAM	1	99	22.20	22.32	22.32		
20	16QAM	50	0	20.79	20.93	20.97	22	2
20	16QAM	50	24	20.82	21.07	20.89		
20	16QAM	50	50	20.83	20.98	21.02		
20	16QAM	100	0	20.96	20.92	21.00		
20	64QAM	1	0	20.77	20.91	20.93	22	2
20	64QAM	1	49	20.93	21.10	20.81		
20	64QAM	1	99	20.75	20.88	21.12		
20	64QAM	50	0	19.88	19.98	19.92	21	3
20	64QAM	50	24	19.76	20.00	20.04		
20	64QAM	50	50	19.92	19.86	20.11		
20	64QAM	100	0	19.96	19.91	20.02		
20	256QAM	1	0	17.89	17.96	18.13	19	5
20	256QAM	1	49	17.84	17.99	17.84		
20	256QAM	1	99	17.78	18.01	18.04		
20	256QAM	50	0	17.93	17.92	17.83	19	5
20	256QAM	50	24	18.00	17.91	18.00		
20	256QAM	50	50	17.99	17.97	17.98		
20	256QAM	100	0	17.93	17.90	18.13		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.85	22.78	22.74	24	0
15	QPSK	1	37	22.66	22.77	22.76		
15	QPSK	1	74	22.70	22.77	22.79		
15	QPSK	36	0	21.91	21.96	21.81	23	1
15	QPSK	36	20	21.81	21.88	21.88		
15	QPSK	36	39	21.78	21.85	21.76		
15	QPSK	75	0	21.87	21.92	21.78		
15	16QAM	1	0	22.10	22.22	22.23	23	1
15	16QAM	1	37	22.24	22.21	22.16		
15	16QAM	1	74	22.05	22.25	22.24		
15	16QAM	36	0	20.73	20.85	20.84	22	2
15	16QAM	36	20	20.71	21.01	20.81		
15	16QAM	36	39	20.75	20.91	20.97		
15	16QAM	75	0	20.86	20.84	20.91		
15	64QAM	1	0	20.67	20.84	20.80	22	2
15	64QAM	1	37	20.84	21.01	20.73		
15	64QAM	1	74	20.68	20.79	21.04		
15	64QAM	36	0	19.80	19.88	19.80	21	3
15	64QAM	36	20	19.65	19.88	19.96		
15	64QAM	36	39	19.82	19.71	19.98		
15	64QAM	75	0	19.83	19.79	19.93		
15	256QAM	1	0	17.81	17.83	18.00	19	5
15	256QAM	1	37	17.75	17.93	17.76		
15	256QAM	1	74	17.70	17.87	17.94		
15	256QAM	36	0	17.87	17.86	17.74	19	5
15	256QAM	36	20	17.86	17.80	17.85		
15	256QAM	36	39	17.89	17.87	17.93		
15	256QAM	75	0	17.85	17.85	18.01		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.79	22.79	22.71	24	0
10	QPSK	1	25	22.71	22.79	22.83		
10	QPSK	1	49	22.71	22.74	22.82		
10	QPSK	25	0	21.94	21.93	21.76	23	1
10	QPSK	25	12	21.89	21.94	21.94		
10	QPSK	25	25	21.75	21.80	21.79		
10	QPSK	50	0	21.84	21.92	21.71		
10	16QAM	1	0	22.12	22.24	22.21	23	1
10	16QAM	1	25	22.30	22.23	22.15		
10	16QAM	1	49	22.07	22.26	22.23		
10	16QAM	25	0	20.73	20.84	20.90	22	2
10	16QAM	25	12	20.69	20.96	20.83		
10	16QAM	25	25	20.73	20.92	20.90		
10	16QAM	50	0	20.90	20.82	20.91		
10	64QAM	1	0	20.71	20.80	20.85	22	2
10	64QAM	1	25	20.84	21.01	20.76		
10	64QAM	1	49	20.61	20.83	21.06		
10	64QAM	25	0	19.74	19.91	19.87	21	3
10	64QAM	25	12	19.66	19.89	19.96		
10	64QAM	25	25	19.80	19.78	20.06		
10	64QAM	50	0	19.87	19.83	19.95		
10	256QAM	1	0	17.79	17.85	18.02	19	5
10	256QAM	1	25	17.70	17.84	17.76		
10	256QAM	1	49	17.71	17.92	17.99		
10	256QAM	25	0	17.78	17.78	17.69	19	5
10	256QAM	25	12	17.86	17.81	17.89		
10	256QAM	25	25	17.85	17.87	17.91		
10	256QAM	50	0	17.88	17.79	18.05		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.81	22.84	22.77	24	0
5	QPSK	1	12	22.75	22.75	22.75		
5	QPSK	1	24	22.75	22.75	22.78		
5	QPSK	12	0	21.90	21.92	21.76	23	1
5	QPSK	12	7	21.81	21.89	21.90		
5	QPSK	12	13	21.74	21.85	21.84		
5	QPSK	25	0	21.87	21.91	21.78		
5	16QAM	1	0	22.11	22.21	22.18	23	1
5	16QAM	1	12	22.28	22.27	22.11		
5	16QAM	1	24	22.07	22.19	22.19		
5	16QAM	12	0	20.69	20.80	20.90	22	2
5	16QAM	12	7	20.76	20.92	20.83		
5	16QAM	12	13	20.73	20.88	20.95		
5	16QAM	25	0	20.90	20.85	20.89		
5	64QAM	1	0	20.68	20.78	20.80	22	2
5	64QAM	1	12	20.82	20.96	20.69		
5	64QAM	1	24	20.69	20.79	21.01		
5	64QAM	12	0	19.77	19.84	19.85	21	3
5	64QAM	12	7	19.63	19.94	19.97		
5	64QAM	12	13	19.80	19.76	20.06		
5	64QAM	25	0	19.87	19.80	19.93		
5	256QAM	1	0	17.76	17.85	18.05	19	5
5	256QAM	1	12	17.75	17.87	17.71		
5	256QAM	1	24	17.64	17.94	17.91		
5	256QAM	12	0	17.83	17.82	17.76	19	5
5	256QAM	12	7	17.90	17.83	17.94		
5	256QAM	12	13	17.89	17.91	17.92		
5	256QAM	25	0	17.78	17.76	17.99		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.76	22.86	22.70	24	0
3	QPSK	1	8	22.74	22.73	22.79		
3	QPSK	1	14	22.75	22.75	22.77		
3	QPSK	8	0	21.90	22.00	21.73	23	1
3	QPSK	8	4	21.81	21.95	21.87		
3	QPSK	8	7	21.78	21.80	21.82		
3	QPSK	15	0	21.87	21.99	21.72		
3	16QAM	1	0	22.09	22.23	22.21	23	1
3	16QAM	1	8	22.26	22.20	22.18		
3	16QAM	1	14	22.13	22.22	22.25		
3	16QAM	8	0	20.68	20.86	20.91	22	2
3	16QAM	8	4	20.73	20.92	20.74		
3	16QAM	8	7	20.74	20.88	20.95		
3	16QAM	15	0	20.83	20.83	20.91		
3	64QAM	1	0	20.70	20.82	20.80	22	2
3	64QAM	1	8	20.79	20.98	20.69		
3	64QAM	1	14	20.69	20.81	20.99		
3	64QAM	8	0	19.79	19.84	19.85	21	3
3	64QAM	8	4	19.64	19.92	19.90		
3	64QAM	8	7	19.87	19.75	20.01		
3	64QAM	15	0	19.87	19.82	19.93		
3	256QAM	1	0	17.81	17.87	18.06	19	5
3	256QAM	1	8	17.76	17.93	17.73		
3	256QAM	1	14	17.71	17.90	17.90		
3	256QAM	8	0	17.83	17.79	17.72	19	5
3	256QAM	8	4	17.86	17.86	17.92		
3	256QAM	8	7	17.92	17.83	17.88		
3	256QAM	15	0	17.90	17.78	17.98		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.82	22.86	22.72	24	0
1.4	QPSK	1	3	22.66	22.75	22.77		
1.4	QPSK	1	5	22.76	22.77	22.84		
1.4	QPSK	3	0	22.84	22.85	22.77		
1.4	QPSK	3	1	22.71	22.82	22.75		
1.4	QPSK	3	3	22.77	22.75	22.90		
1.4	QPSK	6	0	21.86	21.97	21.78	23	1
1.4	16QAM	1	0	22.07	22.22	22.17	23	1
1.4	16QAM	1	3	22.24	22.27	22.13		
1.4	16QAM	1	5	22.15	22.17	22.17		
1.4	16QAM	3	0	22.02	22.30	22.12		
1.4	16QAM	3	1	22.23	22.29	22.09		
1.4	16QAM	3	3	22.22	22.17	22.21		
1.4	16QAM	6	0	20.88	20.86	20.86	22	2
1.4	64QAM	1	0	20.70	20.83	20.85	22	2
1.4	64QAM	1	3	20.87	21.02	20.76		
1.4	64QAM	1	5	20.65	20.82	21.02		
1.4	64QAM	3	0	20.74	20.78	20.87		
1.4	64QAM	3	1	20.83	21.07	20.80		
1.4	64QAM	3	3	20.62	20.82	20.97		
1.4	64QAM	6	0	19.86	19.79	19.91	21	3
1.4	256QAM	1	0	17.81	17.86	18.03	19	5
1.4	256QAM	1	3	17.79	17.89	17.76		
1.4	256QAM	1	5	17.66	17.89	17.93		
1.4	256QAM	3	0	17.82	17.79	17.71		
1.4	256QAM	3	1	17.87	17.79	17.93		
1.4	256QAM	3	3	17.94	17.87	17.89		
1.4	256QAM	6	0	17.83	17.83	18.07	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	22.90	22.93	22.73	24	0
20	QPSK	1	49	22.71	22.90	22.67		
20	QPSK	1	99	22.85	22.83	22.63		
20	QPSK	50	0	21.83	22.03	21.79	23	1
20	QPSK	50	24	21.70	21.90	21.57		
20	QPSK	50	50	21.84	21.86	21.54		
20	QPSK	100	0	21.67	21.92	21.75		
20	16QAM	1	0	21.94	21.91	21.53	23	1
20	16QAM	1	49	21.60	21.88	21.76		
20	16QAM	1	99	21.92	21.77	21.72		
20	16QAM	50	0	20.70	20.92	20.61	22	2
20	16QAM	50	24	20.92	20.85	20.74		
20	16QAM	50	50	20.69	20.83	20.72		
20	16QAM	100	0	20.85	20.90	20.70		
20	64QAM	1	0	20.67	20.93	20.63	22	2
20	64QAM	1	49	20.72	20.84	20.65		
20	64QAM	1	99	20.82	20.85	20.56		
20	64QAM	50	0	19.62	19.88	19.58	21	3
20	64QAM	50	24	19.96	19.73	19.74		
20	64QAM	50	50	19.74	19.93	19.61		
20	64QAM	100	0	19.89	19.91	19.58		
20	256QAM	1	0	17.65	17.90	17.61	19	5
20	256QAM	1	49	17.93	17.79	17.63		
20	256QAM	1	99	17.71	17.85	17.66		
20	256QAM	50	0	17.95	17.92	17.60	19	5
20	256QAM	50	24	17.71	17.86	17.69		
20	256QAM	50	50	17.79	17.80	17.56		
20	256QAM	100	0	17.87	17.82	17.51		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.74	22.83	22.67	24	0
15	QPSK	1	37	22.67	22.70	22.76		
15	QPSK	1	74	22.76	22.78	22.47		
15	QPSK	36	0	21.64	22.14	21.70	23	1
15	QPSK	36	20	21.67	21.81	21.88		
15	QPSK	36	39	21.71	21.86	21.81		
15	QPSK	75	0	21.81	21.70	21.83		
15	16QAM	1	0	21.87	21.82	21.43	23	1
15	16QAM	1	37	21.63	21.76	21.71		
15	16QAM	1	74	21.76	21.78	21.75		
15	16QAM	36	0	20.72	20.74	20.45	22	2
15	16QAM	36	20	20.74	20.78	20.65		
15	16QAM	36	39	20.73	20.56	20.81		
15	16QAM	75	0	20.74	20.76	20.68		
15	64QAM	1	0	20.64	20.66	20.54	22	2
15	64QAM	1	37	20.46	20.74	20.43		
15	64QAM	1	74	20.79	20.85	20.40		
15	64QAM	36	0	19.58	19.67	19.61	21	3
15	64QAM	36	20	19.74	19.76	19.77		
15	64QAM	36	39	19.54	19.75	19.50		
15	64QAM	75	0	19.60	19.82	19.57		
15	256QAM	1	0	17.55	17.80	17.46	19	5
15	256QAM	1	37	17.68	17.70	17.57		
15	256QAM	1	74	17.47	17.66	17.45		
15	256QAM	36	0	17.71	17.92	17.52	19	5
15	256QAM	36	20	17.59	17.83	17.52		
15	256QAM	36	39	17.75	17.67	17.55		
15	256QAM	75	0	17.62	17.67	17.64		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.81	22.85	22.68	24	0
10	QPSK	1	25	22.64	22.74	22.49		
10	QPSK	1	49	22.87	22.81	22.50		
10	QPSK	25	0	21.65	21.86	21.78	23	1
10	QPSK	25	12	21.71	21.71	21.53		
10	QPSK	25	25	21.71	21.70	21.39		
10	QPSK	50	0	21.55	21.75	21.65		
10	16QAM	1	0	21.93	21.91	21.51	23	1
10	16QAM	1	25	21.51	21.82	21.75		
10	16QAM	1	49	21.73	21.60	21.55		
10	16QAM	25	0	20.48	20.84	20.60	22	2
10	16QAM	25	12	20.72	20.83	20.63		
10	16QAM	25	25	20.59	20.74	20.66		
10	16QAM	50	0	20.82	20.90	20.61		
10	64QAM	1	0	20.54	20.81	20.51	22	2
10	64QAM	1	25	20.53	20.68	20.66		
10	64QAM	1	49	20.63	20.74	20.48		
10	64QAM	25	0	19.52	19.75	19.43	21	3
10	64QAM	25	12	19.79	19.58	19.69		
10	64QAM	25	25	19.63	19.90	19.45		
10	64QAM	50	0	19.86	19.76	19.40		
10	256QAM	1	0	17.46	17.74	17.48	19	5
10	256QAM	1	25	17.86	17.78	17.62		
10	256QAM	1	49	17.72	17.81	17.61		
10	256QAM	25	0	17.95	17.73	17.56	19	5
10	256QAM	25	12	17.57	17.70	17.52		
10	256QAM	25	25	17.65	17.62	17.51		
10	256QAM	50	0	17.81	17.76	17.49		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.81	22.77	22.76	24	0
5	QPSK	1	12	22.62	22.66	22.48		
5	QPSK	1	24	22.73	22.73	22.48		
5	QPSK	12	0	21.63	21.89	21.76	23	1
5	QPSK	12	7	21.68	21.60	21.63		
5	QPSK	12	13	21.70	21.69	21.39		
5	QPSK	25	0	21.50	21.65	21.60		
5	16QAM	1	0	21.90	21.91	21.48	23	1
5	16QAM	1	12	21.61	21.92	21.76		
5	16QAM	1	24	21.82	21.53	21.50		
5	16QAM	12	0	20.44	20.86	20.50	22	2
5	16QAM	12	7	20.67	20.82	20.64		
5	16QAM	12	13	20.48	20.80	20.56		
5	16QAM	25	0	20.92	20.94	20.57		
5	64QAM	1	0	20.56	20.74	20.54	22	2
5	64QAM	1	12	20.49	20.66	20.71		
5	64QAM	1	24	20.71	20.78	20.41		
5	64QAM	12	0	19.63	19.82	19.51	21	3
5	64QAM	12	7	19.83	19.54	19.66		
5	64QAM	12	13	19.56	19.86	19.48		
5	64QAM	25	0	19.92	19.76	19.49		
5	256QAM	1	0	17.53	17.80	17.46	19	5
5	256QAM	1	12	17.77	17.89	17.61		
5	256QAM	1	24	17.67	17.79	17.62		
5	256QAM	12	0	17.85	17.74	17.54	19	5
5	256QAM	12	7	17.47	17.71	17.45		
5	256QAM	12	13	17.71	17.68	17.53		
5	256QAM	25	0	17.83	17.74	17.57		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.86	22.77	22.70	24	0
3	QPSK	1	8	22.59	22.80	22.69		
3	QPSK	1	14	22.83	22.80	22.42		
3	QPSK	8	0	21.77	22.05	21.83	23	1
3	QPSK	8	4	21.56	21.90	21.82		
3	QPSK	8	7	21.84	21.81	21.72		
3	QPSK	15	0	21.71	21.74	21.76		
3	16QAM	1	0	21.87	21.75	21.43	23	1
3	16QAM	1	8	21.60	21.73	21.73		
3	16QAM	1	14	21.76	21.76	21.72		
3	16QAM	8	0	20.70	20.84	20.49	22	2
3	16QAM	8	4	20.79	20.76	20.68		
3	16QAM	8	7	20.69	20.65	20.73		
3	16QAM	15	0	20.67	20.70	20.62		
3	64QAM	1	0	20.66	20.79	20.51	22	2
3	64QAM	1	8	20.51	20.72	20.52		
3	64QAM	1	14	20.81	20.79	20.53		
3	64QAM	8	0	19.59	19.67	19.57	21	3
3	64QAM	8	4	19.82	19.66	19.73		
3	64QAM	8	7	19.52	19.67	19.47		
3	64QAM	15	0	19.70	19.79	19.47		
3	256QAM	1	0	17.67	17.89	17.40	19	5
3	256QAM	1	8	17.73	17.67	17.55		
3	256QAM	1	14	17.55	17.79	17.51		
3	256QAM	8	0	17.74	17.85	17.47	19	5
3	256QAM	8	4	17.70	17.72	17.49		
3	256QAM	8	7	17.74	17.60	17.40		
3	256QAM	15	0	17.68	17.74	17.33		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.84	22.82	22.71	24	0
1.4	QPSK	1	3	22.79	22.87	22.64		
1.4	QPSK	1	5	22.74	22.90	22.72		
1.4	QPSK	3	0	22.72	22.76	22.60		
1.4	QPSK	3	1	22.77	22.72	22.74		
1.4	QPSK	3	3	22.70	22.84	22.53		
1.4	QPSK	6	0	21.94	21.97	21.71	23	1
1.4	16QAM	1	0	21.83	21.89	21.64	23	1
1.4	16QAM	1	3	21.83	22.01	21.84		
1.4	16QAM	1	5	21.79	21.90	21.66		
1.4	16QAM	3	0	22.01	21.89	21.83		
1.4	16QAM	3	1	21.88	21.83	21.80		
1.4	16QAM	3	3	21.94	21.95	21.65		
1.4	16QAM	6	0	20.86	20.90	20.81	22	2
1.4	64QAM	1	0	20.98	21.01	20.77	22	2
1.4	64QAM	1	3	20.97	21.04	20.71		
1.4	64QAM	1	5	20.87	20.98	20.83		
1.4	64QAM	3	0	20.89	20.96	20.76		
1.4	64QAM	3	1	21.01	20.99	20.81		
1.4	64QAM	3	3	20.97	21.01	20.63		
1.4	64QAM	6	0	19.92	19.93	19.71	21	3
1.4	256QAM	1	0	17.83	17.85	17.82	19	5
1.4	256QAM	1	3	17.95	17.95	17.71		
1.4	256QAM	1	5	17.89	17.94	17.77		
1.4	256QAM	3	0	17.94	17.88	17.84		
1.4	256QAM	3	1	17.84	17.85	17.63		
1.4	256QAM	3	3	17.92	17.90	17.72		
1.4	256QAM	6	0	17.78	17.90	17.62	19	5

Band 38 Ant1

BW [MHz]	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	22.99	23.03	22.87	24	0
20	QPSK	1	49	22.88	22.99	22.77		
20	QPSK	1	99	22.79	23.02	22.74		
20	QPSK	50	0	21.95	21.99	21.77	23	1
20	QPSK	50	24	21.98	21.90	21.85		
20	QPSK	50	50	21.73	21.95	21.75		
20	QPSK	100	0	21.85	21.93	21.76		
20	16QAM	1	0	21.82	22.07	21.69	23	1
20	16QAM	1	49	21.78	21.86	21.68		
20	16QAM	1	99	21.61	21.90	21.58		
20	16QAM	50	0	21.09	21.04	20.87	22	2
20	16QAM	50	24	20.98	21.10	20.94		
20	16QAM	50	50	20.96	21.02	20.74		
20	16QAM	100	0	20.81	21.10	20.79		
20	64QAM	1	0	21.06	21.06	20.91	22	2
20	64QAM	1	49	20.94	20.98	20.65		
20	64QAM	1	99	20.84	20.97	20.77		
20	64QAM	50	0	19.94	20.06	19.92	21	3
20	64QAM	50	24	20.02	20.00	19.96		
20	64QAM	50	50	19.90	20.11	19.80		
20	64QAM	100	0	19.78	19.97	19.82		
20	256QAM	1	0	18.00	18.01	17.76	19	5
20	256QAM	1	49	17.92	18.04	17.68		
20	256QAM	1	99	17.82	17.98	17.69		
20	256QAM	50	0	18.03	18.13	17.78	19	5
20	256QAM	50	24	17.99	17.97	17.93		
20	256QAM	50	50	17.82	18.11	17.78		
20	256QAM	100	0	17.89	18.01	17.72		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.92	23.00	22.83	24	0
15	QPSK	1	37	22.93	23.02	22.80		
15	QPSK	1	74	22.78	22.98	22.72		
15	QPSK	36	0	22.00	22.11	21.75	23	1
15	QPSK	36	20	21.97	22.10	21.92		
15	QPSK	36	39	21.81	21.88	21.76		
15	QPSK	75	0	21.91	21.90	21.77		
15	16QAM	1	0	21.87	22.00	21.62	23	1
15	16QAM	1	37	21.75	21.89	21.61		
15	16QAM	1	74	21.68	21.94	21.51		
15	16QAM	36	0	21.14	21.11	20.92	22	2
15	16QAM	36	20	20.94	21.09	20.96		
15	16QAM	36	39	20.97	21.06	20.75		
15	16QAM	75	0	20.83	21.07	20.83		
15	64QAM	1	0	21.04	21.03	20.90	22	2
15	64QAM	1	37	21.00	20.96	20.69		
15	64QAM	1	74	20.79	20.94	20.79		
15	64QAM	36	0	19.94	20.12	19.94	21	3
15	64QAM	36	20	19.97	19.99	19.89		
15	64QAM	36	39	19.84	20.09	19.86		
15	64QAM	75	0	19.70	19.92	19.87		
15	256QAM	1	0	18.04	17.99	17.82	19	5
15	256QAM	1	37	17.96	18.00	17.64		
15	256QAM	1	74	17.80	17.99	17.66		
15	256QAM	36	0	17.97	18.16	17.71	19	5
15	256QAM	36	20	17.95	17.99	17.91		
15	256QAM	36	39	17.85	18.15	17.83		
15	256QAM	75	0	17.84	18.07	17.73		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.98	22.88	22.89	24	0
10	QPSK	1	25	22.92	22.96	22.81		
10	QPSK	1	49	22.79	22.90	22.76		
10	QPSK	25	0	21.95	22.02	21.82	23	1
10	QPSK	25	12	21.95	22.01	21.77		
10	QPSK	25	25	21.61	21.95	21.76		
10	QPSK	50	0	21.82	21.93	21.73		
10	16QAM	1	0	21.88	21.93	21.55	23	1
10	16QAM	1	25	21.77	21.69	21.58		
10	16QAM	1	49	21.52	21.78	21.56		
10	16QAM	25	0	21.14	20.91	20.72	22	2
10	16QAM	25	12	20.92	21.01	20.83		
10	16QAM	25	25	20.85	20.88	20.65		
10	16QAM	50	0	20.74	21.13	20.67		
10	64QAM	1	0	21.00	20.99	20.76	22	2
10	64QAM	1	25	20.97	21.01	20.57		
10	64QAM	1	49	20.69	21.03	20.71		
10	64QAM	25	0	19.91	19.98	19.88	21	3
10	64QAM	25	12	19.97	19.96	19.82		
10	64QAM	25	25	19.76	20.01	19.83		
10	64QAM	50	0	19.64	20.01	19.65		
10	256QAM	1	0	17.84	17.92	17.69	19	5
10	256QAM	1	25	17.91	17.92	17.54		
10	256QAM	1	49	17.87	18.02	17.65		
10	256QAM	25	0	18.09	18.20	17.78	19	5
10	256QAM	25	12	17.98	17.95	17.77		
10	256QAM	25	25	17.79	17.97	17.85		
10	256QAM	50	0	17.83	17.96	17.62		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.00	23.02	22.91	24	0
5	QPSK	1	12	22.87	23.02	22.78		
5	QPSK	1	24	22.70	22.99	22.73		
5	QPSK	12	0	21.91	22.11	21.77	23	1
5	QPSK	12	7	21.92	22.03	21.85		
5	QPSK	12	13	21.65	21.91	21.69		
5	QPSK	25	0	21.82	21.98	21.77		
5	16QAM	1	0	21.86	21.96	21.67	23	1
5	16QAM	1	12	21.70	21.83	21.71		
5	16QAM	1	24	21.56	21.81	21.61		
5	16QAM	12	0	20.99	20.96	20.85	22	2
5	16QAM	12	7	20.99	21.11	20.87		
5	16QAM	12	13	20.86	21.00	20.68		
5	16QAM	25	0	20.72	21.13	20.77		
5	64QAM	1	0	21.02	21.02	20.82	22	2
5	64QAM	1	12	20.92	21.02	20.56		
5	64QAM	1	24	20.75	20.93	20.76		
5	64QAM	12	0	19.94	19.99	19.93	21	3
5	64QAM	12	7	20.03	19.89	19.98		
5	64QAM	12	13	19.80	20.01	19.77		
5	64QAM	25	0	19.75	19.95	19.85		
5	256QAM	1	0	17.94	17.95	17.72	19	5
5	256QAM	1	12	17.84	17.99	17.62		
5	256QAM	1	24	17.75	17.96	17.63		
5	256QAM	12	0	17.97	18.08	17.67	19	5
5	256QAM	12	7	17.95	17.87	17.95		
5	256QAM	12	13	17.82	18.03	17.80		
5	256QAM	25	0	17.88	17.92	17.73		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.02	22.83	23.05	22.93	23.02	24	0
20	QPSK	1	49	22.96	22.79	22.96	22.75	22.74		
20	QPSK	1	99	22.86	22.68	22.90	22.84	22.87		
20	QPSK	50	0	21.99	21.85	22.05	22.02	21.94	23	1
20	QPSK	50	24	21.97	21.87	22.00	21.84	21.73		
20	QPSK	50	50	21.95	21.74	21.95	21.93	21.81		
20	QPSK	100	0	21.91	21.82	22.10	21.73	21.87		
20	16QAM	1	0	21.93	21.85	22.10	21.86	22.00	23	1
20	16QAM	1	49	21.98	21.93	21.99	22.06	21.71		
20	16QAM	1	99	22.02	21.88	21.99	22.06	21.85		
20	16QAM	50	0	20.98	20.94	21.02	21.06	20.76	22	2
20	16QAM	50	24	21.08	20.75	20.85	20.67	20.92		
20	16QAM	50	50	20.79	20.59	20.91	20.92	20.78		
20	16QAM	100	0	21.00	20.86	21.11	21.01	21.08		
20	64QAM	1	0	20.95	20.80	21.02	21.04	20.84	22	2
20	64QAM	1	49	21.02	20.83	21.02	20.77	20.82		
20	64QAM	1	99	20.77	20.71	20.83	20.91	21.04		
20	64QAM	50	0	20.04	19.74	20.06	20.17	19.92	21	3
20	64QAM	50	24	20.10	19.89	20.17	20.04	19.96		
20	64QAM	50	50	19.89	19.81	20.05	19.82	19.73		
20	64QAM	100	0	19.92	19.71	19.96	19.94	19.99		
20	256QAM	1	0	18.00	17.88	17.97	18.03	18.01	19	5
20	256QAM	1	49	17.86	17.79	17.91	17.77	17.61		
20	256QAM	1	99	17.95	17.57	17.81	18.01	17.80		
20	256QAM	50	0	17.92	17.72	18.13	17.98	17.99	19	5
20	256QAM	50	24	18.04	17.80	18.11	18.04	17.88		
20	256QAM	50	50	17.85	17.70	18.07	17.64	17.90		
20	256QAM	100	0	17.77	17.56	17.90	17.93	17.75		
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	22.88	22.85	23.03	22.84	22.94	24	0
15	QPSK	1	37	22.86	22.71	22.85	22.61	22.63		
15	QPSK	1	74	22.79	22.58	22.83	22.81	22.83		
15	QPSK	36	0	21.95	21.77	22.03	21.96	21.88	23	1
15	QPSK	36	20	21.84	21.78	22.00	21.80	21.69		
15	QPSK	36	39	21.87	21.65	21.90	21.86	21.81		
15	QPSK	75	0	21.75	21.64	22.03	21.56	21.79		
15	16QAM	1	0	21.80	21.77	21.95	21.83	21.87	23	1
15	16QAM	1	37	21.85	21.84	21.83	22.06	21.72		
15	16QAM	1	74	21.86	21.83	21.95	21.89	21.78		
15	16QAM	36	0	20.85	20.84	20.94	20.99	20.67	22	2
15	16QAM	36	20	20.96	20.70	20.68	20.55	20.89		
15	16QAM	36	39	20.72	20.49	20.88	20.91	20.74		
15	16QAM	75	0	20.98	20.80	20.93	20.88	21.07		
15	64QAM	1	0	20.84	20.81	21.04	20.88	20.78	22	2
15	64QAM	1	37	20.87	20.66	20.90	20.73	20.80		
15	64QAM	1	74	20.62	20.54	20.82	20.73	20.89		
15	64QAM	36	0	19.93	19.72	19.88	20.16	19.81	21	3
15	64QAM	36	20	19.92	19.87	20.19	20.02	19.88		
15	64QAM	36	39	19.89	19.75	19.92	19.72	19.74		
15	64QAM	75	0	19.88	19.68	19.91	19.84	19.92		
15	256QAM	1	0	17.99	17.73	17.99	17.90	17.95	19	5
15	256QAM	1	37	17.82	17.75	17.87	17.74	17.61		
15	256QAM	1	74	17.80	17.53	17.69	17.93	17.73		
15	256QAM	36	0	17.76	17.71	18.00	17.85	17.98	19	5
15	256QAM	36	20	17.99	17.72	18.03	17.94	17.82		
15	256QAM	36	39	17.85	17.53	18.01	17.63	17.87		
15	256QAM	75	0	17.61	17.44	17.79	17.90	17.77		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.85	22.66	23.02	22.77	23.03	24	0
10	QPSK	1	25	22.82	22.62	22.89	22.58	22.56		
10	QPSK	1	49	22.73	22.67	22.90	22.68	22.85		
10	QPSK	25	0	21.97	21.68	22.03	21.95	21.80	23	1
10	QPSK	25	12	21.80	21.77	21.89	21.78	21.55		
10	QPSK	25	25	21.96	21.72	21.92	21.92	21.68		
10	QPSK	50	0	21.81	21.65	22.00	21.73	21.87		
10	16QAM	1	0	21.77	21.68	22.05	21.87	22.01	23	1
10	16QAM	1	25	21.90	21.85	21.85	21.91	21.70		
10	16QAM	1	49	21.91	21.74	22.00	22.08	21.67		
10	16QAM	25	0	20.92	20.81	20.97	20.93	20.66	22	2
10	16QAM	25	12	21.04	20.73	20.84	20.60	20.93		
10	16QAM	25	25	20.67	20.56	20.88	20.79	20.74		
10	16QAM	50	0	20.90	20.86	21.00	20.89	21.07		
10	64QAM	1	0	20.94	20.81	20.93	20.93	20.85	22	2
10	64QAM	1	25	21.00	20.71	21.03	20.61	20.67		
10	64QAM	1	49	20.65	20.58	20.67	20.74	20.88		
10	64QAM	25	0	19.97	19.66	20.04	19.99	19.93	21	3
10	64QAM	25	12	20.00	19.78	20.00	20.02	19.92		
10	64QAM	25	25	19.71	19.65	19.95	19.79	19.67		
10	64QAM	50	0	19.87	19.71	19.93	19.83	20.00		
10	256QAM	1	0	18.01	17.70	17.96	17.90	17.84	19	5
10	256QAM	1	25	17.87	17.65	17.82	17.68	17.52		
10	256QAM	1	49	17.82	17.59	17.64	18.00	17.80		
10	256QAM	25	0	17.74	17.68	17.98	17.94	18.00	19	5
10	256QAM	25	12	17.97	17.75	18.00	17.98	17.78		
10	256QAM	25	25	17.86	17.56	17.83	17.50	17.83		
10	256QAM	50	0	17.63	17.57	17.86	17.84	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	22.90	22.67	22.90	22.94	22.85	24	0
5	QPSK	1	12	22.92	22.73	22.86	22.77	22.74		
5	QPSK	1	24	22.78	22.54	22.73	22.70	22.80		
5	QPSK	12	0	21.93	21.78	22.06	21.98	21.81	23	1
5	QPSK	12	7	21.85	21.74	22.00	21.79	21.63		
5	QPSK	12	13	21.82	21.63	21.87	21.83	21.82		
5	QPSK	25	0	21.90	21.65	22.00	21.65	21.74		
5	16QAM	1	0	21.75	21.74	22.05	21.75	21.95	23	1
5	16QAM	1	12	21.82	21.77	21.90	22.02	21.67		
5	16QAM	1	24	22.01	21.88	21.93	22.06	21.67		
5	16QAM	12	0	20.99	20.87	20.89	21.01	20.59	22	2
5	16QAM	12	7	21.02	20.65	20.82	20.69	20.89		
5	16QAM	12	13	20.66	20.58	20.84	20.94	20.79		
5	16QAM	25	0	20.95	20.87	21.04	21.00	21.06		
5	64QAM	1	0	20.85	20.77	20.84	21.00	20.78	22	2
5	64QAM	1	12	20.97	20.72	21.02	20.74	20.82		
5	64QAM	1	24	20.60	20.68	20.85	20.89	20.86		
5	64QAM	12	0	19.92	19.64	20.02	20.13	19.93	21	3
5	64QAM	12	7	20.01	19.75	20.10	20.05	19.94		
5	64QAM	12	13	19.83	19.83	19.92	19.74	19.68		
5	64QAM	25	0	19.76	19.62	19.92	19.79	19.81		
5	256QAM	1	0	17.97	17.90	17.90	17.89	17.88	19	5
5	256QAM	1	12	17.85	17.81	17.87	17.62	17.50		
5	256QAM	1	24	17.78	17.58	17.81	17.91	17.78		
5	256QAM	12	0	17.86	17.70	18.05	17.99	17.94	19	5
5	256QAM	12	7	17.91	17.67	18.00	18.00	17.73		
5	256QAM	12	13	17.73	17.61	18.05	17.55	17.91		
5	256QAM	25	0	17.71	17.40	17.83	17.80	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.54	18.85	18.71		
20	QPSK	1	49	18.68	18.53	18.68	19.5	0
20	QPSK	1	99	18.93	18.65	18.53		
20	QPSK	50	0	18.45	18.61	18.40		
20	QPSK	50	24	18.58	18.53	18.41	19.5	0
20	QPSK	50	50	18.52	18.60	18.43		
20	QPSK	100	0	18.33	18.49	18.23		
20	16QAM	1	0	18.40	18.57	18.57		
20	16QAM	1	49	18.59	18.40	18.54	19.5	0
20	16QAM	1	99	18.39	18.43	18.44		
20	16QAM	50	0	18.53	18.47	18.48		
20	16QAM	50	24	18.49	18.45	18.63	19.5	0
20	16QAM	50	50	18.56	18.39	18.58		
20	16QAM	100	0	18.47	18.59	18.51		
20	64QAM	1	0	18.39	18.59	18.63		
20	64QAM	1	49	18.59	18.48	18.57	19.5	0
20	64QAM	1	99	18.63	18.63	18.54		
20	64QAM	50	0	18.43	18.55	18.44		
20	64QAM	50	24	18.48	18.52	18.44	19.5	0
20	64QAM	50	50	18.42	18.70	18.64		
20	64QAM	100	0	18.50	18.58	18.63		
20	256QAM	1	0	17.66	17.83	17.63		
20	256QAM	1	49	17.68	17.73	17.76	19	0.5
20	256QAM	1	99	17.68	17.76	17.65		
20	256QAM	50	0	17.71	17.69	17.71		
20	256QAM	50	24	17.72	17.71	17.68	19	0.5
20	256QAM	50	50	17.63	17.67	17.75		
20	256QAM	100	0	17.62	17.78	17.67		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.52	18.72	18.58		
15	QPSK	1	37	18.57	18.42	18.50	19.5	0
15	QPSK	1	74	18.45	18.56	18.47		
15	QPSK	36	0	18.28	18.57	18.22		
15	QPSK	36	20	18.46	18.44	18.30	19.5	0
15	QPSK	36	39	18.42	18.49	18.37		
15	QPSK	75	0	18.17	18.34	18.18		
15	16QAM	1	0	18.35	18.48	18.44		
15	16QAM	1	37	18.48	18.27	18.49	19.5	0
15	16QAM	1	74	18.34	18.25	18.41		
15	16QAM	36	0	18.35	18.29	18.36		
15	16QAM	36	20	18.47	18.38	18.57	19.5	0
15	16QAM	36	39	18.41	18.35	18.43		
15	16QAM	75	0	18.20	18.47	18.35		
15	64QAM	1	0	18.35	18.54	18.51		
15	64QAM	1	37	18.52	18.36	18.51	19.5	0
15	64QAM	1	74	18.47	18.60	18.45		
15	64QAM	36	0	18.27	18.50	18.30		
15	64QAM	36	20	18.39	18.46	18.32	19.5	0
15	64QAM	36	39	18.39	18.54	18.60		
15	64QAM	75	0	18.39	18.46	18.56		
15	256QAM	1	0	17.63	17.63	17.51		
15	256QAM	1	37	17.52	17.47	17.75	19	0.5
15	256QAM	1	74	17.65	17.75	17.46		
15	256QAM	36	0	17.53	17.56	17.71		
15	256QAM	36	20	17.59	17.64	17.48	19	0.5
15	256QAM	36	39	17.44	17.58	17.67		
15	256QAM	75	0	17.43	17.71	17.46		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.42	18.76	18.66		
10	QPSK	1	25	18.55	18.49	18.66	19.5	0
10	QPSK	1	49	18.57	18.53	18.50		
10	QPSK	25	0	18.38	18.46	18.24		
10	QPSK	25	12	18.42	18.42	18.30	19.5	0
10	QPSK	25	25	18.49	18.38	18.38		
10	QPSK	50	0	18.22	18.36	18.07		
10	16QAM	1	0	18.32	18.41	18.52		
10	16QAM	1	25	18.44	18.25	18.49	19.5	0
10	16QAM	1	49	18.22	18.39	18.39		
10	16QAM	25	0	18.49	18.37	18.45		
10	16QAM	25	12	18.47	18.41	18.49	19.5	0
10	16QAM	25	25	18.46	18.28	18.45		
10	16QAM	50	0	18.31	18.41	18.41		
10	64QAM	1	0	18.22	18.50	18.48		
10	64QAM	1	25	18.45	18.42	18.54	19.5	0
10	64QAM	1	49	18.56	18.56	18.50		
10	64QAM	25	0	18.27	18.50	18.40		
10	64QAM	25	12	18.35	18.40	18.28	19.5	0
10	64QAM	25	25	18.28	18.61	18.54		
10	64QAM	50	0	18.45	18.52	18.60		
10	256QAM	1	0	17.57	17.78	17.60		
10	256QAM	1	25	17.51	17.58	17.62	19	0.5
10	256QAM	1	49	17.69	17.65	17.57		
10	256QAM	25	0	17.67	17.54	17.67		
10	256QAM	25	12	17.71	17.69	17.53	19	0.5
10	256QAM	25	25	17.55	17.60	17.70		
10	256QAM	50	0	17.53	17.65	17.53		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.50	18.72	18.62		
5	QPSK	1	12	18.51	18.36	18.58	19.5	0
5	QPSK	1	24	18.49	18.49	18.35		
5	QPSK	12	0	18.27	18.52	18.29		
5	QPSK	12	7	18.55	18.38	18.30	19.5	0
5	QPSK	12	13	18.49	18.46	18.33		
5	QPSK	25	0	18.28	18.45	18.20		
5	16QAM	1	0	18.24	18.51	18.46		
5	16QAM	1	12	18.46	18.37	18.39	19.5	0
5	16QAM	1	24	18.24	18.34	18.41		
5	16QAM	12	0	18.38	18.44	18.42		
5	16QAM	12	7	18.32	18.39	18.60	19.5	0
5	16QAM	12	13	18.51	18.32	18.43		
5	16QAM	25	0	18.39	18.46	18.45		
5	64QAM	1	0	18.28	18.48	18.50		
5	64QAM	1	12	18.50	18.39	18.43	19.5	0
5	64QAM	1	24	18.54	18.57	18.50		
5	64QAM	12	0	18.39	18.52	18.32		
5	64QAM	12	7	18.36	18.38	18.40	19.5	0
5	64QAM	12	13	18.37	18.63	18.54		
5	64QAM	25	0	18.50	18.51	18.45		
5	256QAM	1	0	17.52	17.69	17.53		
5	256QAM	1	12	17.56	17.66	17.72	19	0.5
5	256QAM	1	24	17.68	17.56	17.53		
5	256QAM	12	0	17.72	17.50	17.71		
5	256QAM	12	7	17.52	17.58	17.66	19	0.5
5	256QAM	12	13	17.60	17.63	17.67		
5	256QAM	25	0	17.45	17.64	17.62		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.51	18.68	18.67		
3	QPSK	1	8	18.53	18.46	18.55	19.5	0
3	QPSK	1	14	18.51	18.58	18.44		
3	QPSK	8	0	18.42	18.48	18.27		
3	QPSK	8	4	18.48	18.43	18.29	19.5	0
3	QPSK	8	7	18.47	18.55	18.36		
3	QPSK	15	0	18.29	18.35	18.21		
3	16QAM	1	0	18.24	18.48	18.53		
3	16QAM	1	8	18.54	18.31	18.49	19.5	0
3	16QAM	1	14	18.35	18.27	18.39		
3	16QAM	8	0	18.50	18.43	18.38		
3	16QAM	8	4	18.32	18.32	18.59	19.5	0
3	16QAM	8	7	18.43	18.24	18.56		
3	16QAM	15	0	18.38	18.52	18.37		
3	64QAM	1	0	18.28	18.54	18.57		
3	64QAM	1	8	18.47	18.37	18.41	19.5	0
3	64QAM	1	14	18.58	18.61	18.37		
3	64QAM	8	0	18.34	18.45	18.33		
3	64QAM	8	4	18.34	18.34	18.42	19.5	0
3	64QAM	8	7	18.35	18.52	18.55		
3	64QAM	15	0	18.36	18.55	18.58		
3	256QAM	1	0	17.50	17.78	17.57		
3	256QAM	1	8	17.46	17.57	17.65	19	0.5
3	256QAM	1	14	17.62	17.55	17.69		
3	256QAM	8	0	17.50	17.51	17.53		
3	256QAM	8	4	17.58	17.64	17.69	19	0.5
3	256QAM	8	7	17.58	17.54	17.65		
3	256QAM	15	0	17.64	17.68	17.64		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.50	18.76	18.59		
1.4	QPSK	1	3	18.64	18.43	18.55		
1.4	QPSK	1	5	18.58	18.50	18.50	19.5	0
1.4	QPSK	3	0	18.41	18.53	18.32		
1.4	QPSK	3	1	18.41	18.50	18.30		
1.4	QPSK	3	3	18.46	18.48	18.26		
1.4	QPSK	6	0	18.24	18.33	18.14	19.5	0
1.4	16QAM	1	0	18.25	18.43	18.44		
1.4	16QAM	1	3	18.47	18.36	18.49		
1.4	16QAM	1	5	18.26	18.40	18.32	19.5	0
1.4	16QAM	3	0	18.48	18.38	18.34		
1.4	16QAM	3	1	18.46	18.28	18.51		
1.4	16QAM	3	3	18.53	18.21	18.52		
1.4	16QAM	6	0	18.32	18.42	18.41	19.5	0
1.4	64QAM	1	0	18.32	18.54	18.49		
1.4	64QAM	1	3	18.46	18.42	18.49		
1.4	64QAM	1	5	18.55	18.49	18.38	19.5	0
1.4	64QAM	3	0	18.31	18.53	18.42		
1.4	64QAM	3	1	18.33	18.45	18.39		
1.4	64QAM	3	3	18.28	18.54	18.48		
1.4	64QAM	6	0	18.40	18.48	18.61	19.5	0
1.4	256QAM	1	0	17.64	17.82	17.61		
1.4	256QAM	1	3	17.64	17.57	17.70		
1.4	256QAM	1	5	17.47	17.69	17.67	19	0.5
1.4	256QAM	3	0	17.71	17.48	17.57		
1.4	256QAM	3	1	17.73	17.55	17.70		
1.4	256QAM	3	3	17.57	17.58	17.74		
1.4	256QAM	6	0	17.42	17.77	17.88	19	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.51	18.73	18.60		
20	QPSK	1	49	18.64	18.59	18.61	20	0
20	QPSK	1	99	18.60	18.42	18.55		
20	QPSK	50	0	18.34	18.65	18.56		
20	QPSK	50	24	18.46	18.45	18.42	20	0
20	QPSK	50	50	18.40	18.43	18.39		
20	QPSK	100	0	18.18	18.44	18.18		
20	16QAM	1	0	18.39	18.32	18.44		
20	16QAM	1	49	18.40	18.35	18.41	20	0
20	16QAM	1	99	18.34	18.35	18.25		
20	16QAM	50	0	18.33	18.42	18.43		
20	16QAM	50	24	18.56	18.42	18.54	20	0
20	16QAM	50	50	18.39	18.42	18.43		
20	16QAM	100	0	18.32	18.59	18.57		
20	64QAM	1	0	18.55	18.35	18.53		
20	64QAM	1	49	18.51	18.49	18.42	20	0
20	64QAM	1	99	18.46	18.54	18.51		
20	64QAM	50	0	18.48	18.51	18.47		
20	64QAM	50	24	18.38	18.45	18.35	20	0
20	64QAM	50	50	18.40	18.52	18.49		
20	64QAM	100	0	18.45	18.50	18.49		
20	256QAM	1	0	17.43	17.66	17.61		
20	256QAM	1	49	17.44	17.43	17.40	19	1
20	256QAM	1	99	17.45	17.45	17.45		
20	256QAM	50	0	17.56	17.51	17.56		
20	256QAM	50	24	17.56	17.48	17.38	19	1
20	256QAM	50	50	17.46	17.47	17.39		
20	256QAM	100	0	17.38	17.57	17.60		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.42	18.58	18.48		
15	QPSK	1	37	18.58	18.58	18.55	20	0
15	QPSK	1	74	18.46	18.58	18.49		
15	QPSK	36	0	18.29	18.55	18.42		
15	QPSK	36	20	18.33	18.37	18.35	20	0
15	QPSK	36	39	18.31	18.28	18.27		
15	QPSK	75	0	18.08	18.36	18.08		
15	16QAM	1	0	18.34	18.16	18.39		
15	16QAM	1	37	18.26	18.26	18.31	20	0
15	16QAM	1	74	18.18	18.26	18.17		
15	16QAM	36	0	18.21	18.28	18.37		
15	16QAM	36	20	18.45	18.36	18.38	20	0
15	16QAM	36	39	18.34	18.30	18.32		
15	16QAM	75	0	18.20	18.46	18.48		
15	64QAM	1	0	18.40	18.20	18.48		
15	64QAM	1	37	18.45	18.43	18.31	20	0
15	64QAM	1	74	18.31	18.44	18.44		
15	64QAM	36	0	18.37	18.36	18.42		
15	64QAM	36	20	18.35	18.40	18.27	20	0
15	64QAM	36	39	18.28	18.42	18.36		
15	64QAM	75	0	18.33	18.41	18.39		
15	256QAM	1	0	17.45	17.67	17.51		
15	256QAM	1	37	17.39	17.37	17.60	19	1
15	256QAM	1	74	17.23	17.27	17.30		
15	256QAM	36	0	17.34	17.38	17.37		
15	256QAM	36	20	17.58	17.48	17.26	19	1
15	256QAM	36	39	17.34	17.37	17.39		
15	256QAM	75	0	17.32	17.58	17.46		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.37	18.66	18.48		
10	QPSK	1	25	18.49	18.46	18.53	20	0
10	QPSK	1	49	18.48	18.56	18.42		
10	QPSK	25	0	18.22	18.56	18.44		
10	QPSK	25	12	18.40	18.33	18.33	20	0
10	QPSK	25	25	18.33	18.36	18.35		
10	QPSK	50	0	18.13	18.37	18.12		
10	16QAM	1	0	18.33	18.27	18.30		
10	16QAM	1	25	18.28	18.23	18.28	20	0
10	16QAM	1	49	18.25	18.22	18.11		
10	16QAM	25	0	18.22	18.28	18.29		
10	16QAM	25	12	18.48	18.33	18.45	20	0
10	16QAM	25	25	18.32	18.27	18.29		
10	16QAM	50	0	18.25	18.46	18.47		
10	64QAM	1	0	18.49	18.25	18.43		
10	64QAM	1	25	18.39	18.39	18.28	20	0
10	64QAM	1	49	18.34	18.46	18.44		
10	64QAM	25	0	18.33	18.43	18.34		
10	64QAM	25	12	18.29	18.33	18.26	20	0
10	64QAM	25	25	18.27	18.47	18.37		
10	64QAM	50	0	18.40	18.43	18.40		
10	256QAM	1	0	17.32	17.49	17.50		
10	256QAM	1	25	17.24	17.39	17.38	19	1
10	256QAM	1	49	17.46	17.29	17.26		
10	256QAM	25	0	17.48	17.44	17.36		
10	256QAM	25	12	17.33	17.18	17.41	19	1
10	256QAM	25	25	17.33	17.45	17.28		
10	256QAM	50	0	17.36	17.58	17.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.36	18.66	18.53		
5	QPSK	1	12	18.51	18.47	18.51	20	0
5	QPSK	1	24	18.45	18.56	18.43		
5	QPSK	12	0	18.22	18.59	18.42		
5	QPSK	12	7	18.37	18.37	18.29	20	0
5	QPSK	12	13	18.32	18.30	18.33		
5	QPSK	25	0	18.07	18.36	18.10		
5	16QAM	1	0	18.24	18.27	18.34		
5	16QAM	1	12	18.27	18.29	18.28	20	0
5	16QAM	1	24	18.27	18.25	18.15		
5	16QAM	12	0	18.27	18.27	18.28		
5	16QAM	12	7	18.42	18.26	18.50	20	0
5	16QAM	12	13	18.29	18.29	18.36		
5	16QAM	25	0	18.20	18.53	18.46		
5	64QAM	1	0	18.42	18.22	18.42		
5	64QAM	1	12	18.47	18.36	18.38	20	0
5	64QAM	1	24	18.41	18.44	18.36		
5	64QAM	12	0	18.34	18.39	18.32		
5	64QAM	12	7	18.29	18.39	18.20	20	0
5	64QAM	12	13	18.33	18.39	18.44		
5	64QAM	25	0	18.37	18.39	18.42		
5	256QAM	1	0	17.30	17.47	17.50		
5	256QAM	1	12	17.45	17.31	17.28	19	1
5	256QAM	1	24	17.24	17.26	17.24		
5	256QAM	12	0	17.34	17.32	17.35		
5	256QAM	12	7	17.48	17.28	17.30	19	1
5	256QAM	12	13	17.34	17.36	17.37		
5	256QAM	25	0	17.27	17.35	17.54		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.37	18.66	18.52		
3	QPSK	1	8	18.59	18.53	18.54	20	0
3	QPSK	1	14	18.49	18.55	18.47		
3	QPSK	8	0	18.28	18.50	18.40		
3	QPSK	8	4	18.30	18.35	18.31	20	0
3	QPSK	8	7	18.33	18.36	18.35		
3	QPSK	15	0	18.05	18.34	18.11		
3	16QAM	1	0	18.24	18.18	18.29		
3	16QAM	1	8	18.35	18.27	18.29	20	0
3	16QAM	1	14	18.29	18.30	18.13		
3	16QAM	8	0	18.29	18.29	18.33		
3	16QAM	8	4	18.47	18.29	18.48	20	0
3	16QAM	8	7	18.33	18.30	18.39		
3	16QAM	15	0	18.25	18.44	18.49		
3	64QAM	1	0	18.49	18.29	18.41		
3	64QAM	1	8	18.39	18.41	18.32	20	0
3	64QAM	1	14	18.33	18.48	18.36		
3	64QAM	8	0	18.33	18.37	18.32		
3	64QAM	8	4	18.23	18.34	18.28	20	0
3	64QAM	8	7	18.30	18.41	18.39		
3	64QAM	15	0	18.35	18.41	18.40		
3	256QAM	1	0	17.45	17.47	17.43		
3	256QAM	1	8	17.30	17.38	17.35	19	1
3	256QAM	1	14	17.31	17.33	17.36		
3	256QAM	8	0	17.57	17.47	17.44		
3	256QAM	8	4	17.44	17.49	17.28	19	1
3	256QAM	8	7	17.46	17.28	17.30		
3	256QAM	15	0	17.32	17.53	17.50		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.43	18.67	18.53		
1.4	QPSK	1	3	18.59	18.53	18.47		
1.4	QPSK	1	5	18.53	18.53	18.48	20	0
1.4	QPSK	3	0	18.19	18.49	18.45		
1.4	QPSK	3	1	18.39	18.34	18.36		
1.4	QPSK	3	3	18.32	18.28	18.26		
1.4	QPSK	6	0	18.06	18.38	18.07	20	0
1.4	16QAM	1	0	18.25	18.26	18.37		
1.4	16QAM	1	3	18.35	18.22	18.37		
1.4	16QAM	1	5	18.21	18.31	18.20	20	0
1.4	16QAM	3	0	18.19	18.27	18.33		
1.4	16QAM	3	1	18.47	18.28	18.43		
1.4	16QAM	3	3	18.27	18.30	18.32		
1.4	16QAM	6	0	18.24	18.51	18.43	20	0
1.4	64QAM	1	0	18.47	18.22	18.44		
1.4	64QAM	1	3	18.44	18.42	18.35		
1.4	64QAM	1	5	18.36	18.47	18.43	20	0
1.4	64QAM	3	0	18.39	18.39	18.34		
1.4	64QAM	3	1	18.31	18.37	18.27		
1.4	64QAM	3	3	18.30	18.39	18.44		
1.4	64QAM	6	0	18.37	18.40	18.44	20	0
1.4	256QAM	1	0	17.32	17.66	17.41		
1.4	256QAM	1	3	17.23	17.26	17.34		
1.4	256QAM	1	5	17.42	17.40	17.24	19	1
1.4	256QAM	3	0	17.43	17.53	17.53		
1.4	256QAM	3	1	17.44	17.27	17.17		
1.4	256QAM	3	3	17.25	17.39	17.28		
1.4	256QAM	6	0	17.21	17.53	17.59	19	1

Band 5 Ant4

BW [MHz]	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	21.91	22.08	21.94		
10	QPSK	1	25	21.85	22.00	22.03	23.6	0
10	QPSK	1	49	21.96	21.83	21.82		
10	QPSK	25	0	21.62	21.70	21.55		
10	QPSK	25	12	21.54	21.65	21.66	23	0.6
10	QPSK	25	25	21.54	21.63	21.59		
10	QPSK	50	0	21.59	21.68	21.50		
10	16QAM	1	0	21.64	21.77	21.54		
10	16QAM	1	25	21.62	21.63	21.69	23	0.6
10	16QAM	1	49	21.63	21.59	21.56		
10	16QAM	25	0	20.65	20.75	20.62		
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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26690		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.68	18.90	18.77	19.5	0
20	QPSK	1	49	18.72	18.68	18.80		
20	QPSK	1	99	18.72	18.71	18.62		
20	QPSK	50	0	18.63	18.74	18.57	19.5	0
20	QPSK	50	24	18.64	18.62	18.47		
20	QPSK	50	50	18.58	18.65	18.55		
20	QPSK	100	0	18.47	18.60	18.39		
20	16QAM	1	0	18.45	18.61	18.70	19.5	0
20	16QAM	1	49	18.61	18.54	18.60		
20	16QAM	1	99	18.54	18.57	18.55		
20	16QAM	50	0	18.60	18.49	18.60	19.5	0
20	16QAM	50	24	18.64	18.58	18.72		
20	16QAM	50	50	18.72	18.57	18.69		
20	16QAM	100	0	18.58	18.77	18.60		
20	64QAM	1	0	18.55	18.68	18.70	19.5	0
20	64QAM	1	49	18.64	18.54	18.73		
20	64QAM	1	99	18.69	18.72	18.58		
20	64QAM	50	0	18.59	18.69	18.57	19.5	0
20	64QAM	50	24	18.63	18.66	18.57		
20	64QAM	50	50	18.49	18.78	18.79		
20	64QAM	100	0	18.59	18.64	18.71		
20	256QAM	1	0	17.47	17.63	17.41	19	0.5
20	256QAM	1	49	17.43	17.32	17.29		
20	256QAM	1	99	17.58	17.45	17.25		
20	256QAM	50	0	17.47	17.53	17.43	19	0.5
20	256QAM	50	24	17.59	17.51	17.35		
20	256QAM	50	50	17.59	17.47	17.24		
20	256QAM	100	0	17.53	17.45	17.12		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.58	18.74	18.72	19.5	0
15	QPSK	1	37	18.56	18.62	18.68		
15	QPSK	1	74	18.58	18.61	18.50		
15	QPSK	36	0	18.49	18.60	18.44	19.5	0
15	QPSK	36	20	18.54	18.48	18.30		
15	QPSK	36	39	18.47	18.61	18.45		
15	QPSK	75	0	18.36	18.53	18.28		
15	16QAM	1	0	18.41	18.52	18.61	19.5	0
15	16QAM	1	37	18.49	18.37	18.55		
15	16QAM	1	74	18.39	18.44	18.39		
15	16QAM	36	0	18.44	18.32	18.44	19.5	0
15	16QAM	36	20	18.52	18.43	18.67		
15	16QAM	36	39	18.60	18.41	18.59		
15	16QAM	75	0	18.51	18.62	18.51		
15	64QAM	1	0	18.42	18.63	18.68	19.5	0
15	64QAM	1	37	18.56	18.39	18.55		
15	64QAM	1	74	18.59	18.70	18.51		
15	64QAM	36	0	18.48	18.63	18.41	19.5	0
15	64QAM	36	20	18.51	18.58	18.50		
15	64QAM	36	39	18.41	18.74	18.65		
15	64QAM	75	0	18.45	18.54	18.58		
15	256QAM	1	0	17.26	17.49	17.33	19	0.5
15	256QAM	1	37	17.28	17.16	17.17		
15	256QAM	1	74	17.40	17.44	17.15		
15	256QAM	36	0	17.29	17.43	17.38	19	0.5
15	256QAM	36	20	17.60	17.45	17.22		
15	256QAM	36	39	17.58	17.41	17.15		
15	256QAM	75	0	17.31	17.28	17.05		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.54	18.79	18.64	19.5	0
10	QPSK	1	25	18.58	18.52	18.77		
10	QPSK	1	49	18.55	18.68	18.54		
10	QPSK	25	0	18.45	18.63	18.44	19.5	0
10	QPSK	25	13	18.56	18.50	18.42		
10	QPSK	25	25	18.44	18.48	18.40		
10	QPSK	50	0	18.42	18.55	18.23		
10	16QAM	1	0	18.30	18.52	18.59	19.5	0
10	16QAM	1	25	18.46	18.38	18.46		
10	16QAM	1	49	18.37	18.41	18.50		
10	16QAM	25	0	18.56	18.35	18.47	19.5	0
10	16QAM	25	12	18.57	18.54	18.67		
10	16QAM	25	25	18.62	18.50	18.66		
10	16QAM	50	0	18.45	18.74	18.50		
10	64QAM	1	0	18.40	18.52	18.60	19.5	0
10	64QAM	1	25	18.48	18.44	18.67		
10	64QAM	1	49	18.63	18.65	18.55		
10	64QAM	25	0	18.44	18.54	18.41	19.5	0
10	64QAM	25	12	18.52	18.63	18.44		
10	64QAM	25	25	18.45	18.66	18.76		
10	64QAM	50	0	18.50	18.61	18.61		
10	256QAM	1	0	17.42	17.61	17.43	19	0.5
10	256QAM	1	25	17.22	17.25	17.21		
10	256QAM	1	49	17.44	17.36	17.13		
10	256QAM	25	0	17.38	17.31	17.39	19	0.5
10	256QAM	25	12	17.50	17.51	17.19		
10	256QAM	25	25	17.41	17.38	17.20		
10	256QAM	50	0	17.36	17.44	17.10		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.54	18.84	18.74	19.5	0
5	QPSK	1	12	18.63	18.63	18.63		
5	QPSK	1	24	18.58	18.63	18.59		
5	QPSK	12	0	18.59	18.59	18.40	19.5	0
5	QPSK	12	7	18.56	18.55	18.43		
5	QPSK	12	13	18.48	18.57	18.45		
5	QPSK	25	0	18.44	18.47	18.23		
5	16QAM	1	0	18.32	18.55	18.59	19.5	0
5	16QAM	1	12	18.53	18.52	18.54		
5	16QAM	1	24	18.52	18.44	18.43		
5	16QAM	12	0	18.54	18.39	18.46	19.5	0
5	16QAM	12	7	18.55	18.45	18.61		
5	16QAM	12	13	18.61	18.52	18.59		
5	16QAM	25	0	18.43	18.68	18.52		
5	64QAM	1	0	18.42	18.56	18.64	19.5	0
5	64QAM	1	12	18.48	18.43	18.67		
5	64QAM	1	24	18.66	18.66	18.50		
5	64QAM	12	0	18.50	18.62	18.43	19.5	0
5	64QAM	12	7	18.56	18.55	18.42		
5	64QAM	12	13	18.42	18.65	18.76		
5	64QAM	25	0	18.49	18.57	18.65		
5	256QAM	1	0	17.45	17.62	17.26	19	0.5
5	256QAM	1	12	17.37	17.26	17.13		
5	256QAM	1	24	17.48	17.26	17.12		
5	256QAM	12	0	17.38	17.42	17.35	19	0.5
5	256QAM	12	7	17.40	17.48	17.28		
5	256QAM	12	13	17.45	17.25	17.17		
5	256QAM	25	0	17.41	17.43	17.03		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.60	18.73	18.73	19.5	0
3	QPSK	1	8	18.69	18.63	18.69		
3	QPSK	1	14	18.55	18.62	18.57		
3	QPSK	8	0	18.55	18.60	18.47	19.5	0
3	QPSK	8	4	18.49	18.45	18.41		
3	QPSK	8	7	18.54	18.54	18.45		
3	QPSK	15	0	18.33	18.51	18.24		
3	16QAM	1	0	18.42	18.46	18.56	19.5	0
3	16QAM	1	8	18.50	18.51	18.48		
3	16QAM	1	14	18.41	18.41	18.51		
3	16QAM	8	0	18.53	18.38	18.42	19.5	0
3	16QAM	8	4	18.60	18.44	18.68		
3	16QAM	8	7	18.59	18.43	18.65		
3	16QAM	15	0	18.52	18.65	18.58		
3	64QAM	1	0	18.43	18.57	18.66	19.5	0
3	64QAM	1	8	18.52	18.40	18.67		
3	64QAM	1	14	18.63	18.56	18.51		
3	64QAM	8	0	18.46	18.60	18.40	19.5	0
3	64QAM	8	4	18.55	18.63	18.46		
3	64QAM	8	7	18.46	18.66	18.71		
3	64QAM	15	0	18.44	18.62	18.61		
3	256QAM	1	0	17.33	17.59	17.37	19	0.5
3	256QAM	1	8	17.22	17.16	17.15		
3	256QAM	1	14	17.49	17.39	17.13		
3	256QAM	8	0	17.29	17.52	17.23	19	0.5
3	256QAM	8	4	17.58	17.40	17.28		
3	256QAM	8	7	17.41	17.39	17.11		
3	256QAM	15	0	17.33	17.25	17.08		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.53	18.80	18.59	19.5	0
1.4	QPSK	1	3	18.58	18.60	18.65		
1.4	QPSK	1	5	18.59	18.53	18.59		
1.4	QPSK	3	0	18.53	18.57	18.40		
1.4	QPSK	3	1	18.48	18.59	18.35		
1.4	QPSK	3	3	18.52	18.60	18.46		
1.4	QPSK	6	0	18.39	18.46	18.35	19.5	0
1.4	16QAM	1	0	18.39	18.53	18.56	19.5	0
1.4	16QAM	1	3	18.51	18.45	18.53		
1.4	16QAM	1	5	18.51	18.40	18.37		
1.4	16QAM	3	0	18.54	18.32	18.50		
1.4	16QAM	3	1	18.60	18.48	18.64		
1.4	16QAM	3	3	18.59	18.53	18.56		
1.4	16QAM	6	0	18.42	18.62	18.56	19.5	0
1.4	64QAM	1	0	18.50	18.53	18.64	19.5	0
1.4	64QAM	1	3	18.53	18.44	18.60		
1.4	64QAM	1	5	18.51	18.56	18.55		
1.4	64QAM	3	0	18.55	18.62	18.49		
1.4	64QAM	3	1	18.58	18.61	18.45		
1.4	64QAM	3	3	18.34	18.67	18.63		
1.4	64QAM	6	0	18.44	18.58	18.62	19.5	0
1.4	256QAM	1	0	17.23	17.42	17.43	19	0.5
1.4	256QAM	1	3	17.39	17.14	17.08		
1.4	256QAM	1	5	17.33	17.25	17.13		
1.4	256QAM	3	0	17.12	17.30	17.08		
1.4	256QAM	3	1	17.46	17.36	17.22		
1.4	256QAM	3	3	17.40	17.25	17.03		
1.4	256QAM	6	0	17.53	17.35	17.40	19	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.08	22.19	22.12	23	0
15	QPSK	1	37	22.01	22.11	22.13		
15	QPSK	1	74	21.98	21.99	21.99		
15	QPSK	36	0	22.00	22.10	22.04	23	0
15	QPSK	36	20	21.99	22.09	22.04		
15	QPSK	36	39	21.93	21.97	22.04		
15	QPSK	75	0	21.94	21.95	21.94		
15	16QAM	1	0	22.03	22.13	21.95	23	0
15	16QAM	1	37	21.93	22.05	22.09		
15	16QAM	1	74	21.94	21.94	21.92		
15	16QAM	36	0	21.94	21.94	21.13	22	1
15	16QAM	36	20	21.02	21.15	21.19		
15	16QAM	36	39	20.99	21.06	21.04		
15	16QAM	75	0	21.12	21.16	21.07		
15	64QAM	1	0	21.07	21.27	21.08	22	1
15	64QAM	1	37	21.06	21.11	21.08		
15	64QAM	1	74	20.94	21.02	20.94		
15	64QAM	36	0	20.09	20.24	20.19	21	2
15	64QAM	36	20	20.08	20.27	20.15		
15	64QAM	36	39	20.04	20.05	20.09		
15	64QAM	75	0	19.99	20.07	20.05		
15	256QAM	1	0	18.10	18.13	18.19	19	4
15	256QAM	1	37	18.03	18.05	18.19		
15	256QAM	1	74	18.05	18.05	17.96		
15	256QAM	36	0	18.09	18.19	18.04	19	4
15	256QAM	36	20	18.15	18.17	18.10		
15	256QAM	36	39	18.04	18.18	18.17		
15	256QAM	75	0	17.94	18.06	17.99		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.03	22.10	22.00	23	0
10	QPSK	1	25	21.98	22.03	21.98		
10	QPSK	1	49	21.93	21.82	21.87		
10	QPSK	25	0	21.88	21.95	21.88	23	0
10	QPSK	25	12	21.94	22.07	21.91		
10	QPSK	25	25	21.89	21.93	21.93		
10	QPSK	50	0	21.87	21.88	21.82		
10	16QAM	1	0	21.92	22.11	21.91	23	0
10	16QAM	1	25	21.84	21.92	21.95		
10	16QAM	1	49	21.81	21.82	21.87		
10	16QAM	25	0	20.94	21.08	20.98	22	1
10	16QAM	25	12	20.89	21.03	21.04		
10	16QAM	25	25	20.87	20.92	20.88		
10	16QAM	50	0	20.97	21.00	21.02		
10	64QAM	1	0	20.93	21.23	20.91	22	1
10	64QAM	1	25	20.99	21.02	20.97		
10	64QAM	1	49	20.79	20.91	20.92		
10	64QAM	25	0	19.92	20.08	20.10	21	2
10	64QAM	25	12	20.03	20.19	20.06		
10	64QAM	25	25	19.96	20.01	20.02		
10	64QAM	50	0	19.84	19.96	19.95		
10	256QAM	1	0	17.93	18.08	18.04	19	4
10	256QAM	1	25	17.93	18.01	18.08		
10	256QAM	1	49	18.02	17.97	17.88		
10	256QAM	25	0	18.02	18.16	17.97	19	4
10	256QAM	25	12	18.10	18.06	17.96		
10	256QAM	25	25	17.96	18.02	18.10		
10	256QAM	50	0	17.79	17.92	17.90		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.04	22.11	22.04	23	0
5	QPSK	1	12	21.98	22.00	22.06		
5	QPSK	1	24	21.94	21.91	21.83		
5	QPSK	12	0	21.96	21.96	22.00	23	0
5	QPSK	12	7	21.84	22.07	21.90		
5	QPSK	12	13	21.84	21.86	22.01		
5	QPSK	25	0	21.83	21.89	21.77		
5	16QAM	1	0	21.97	22.10	21.80	23	0
5	16QAM	1	12	21.79	22.00	21.91		
5	16QAM	1	24	21.81	21.85	21.88		
5	16QAM	12	0	20.99	21.21	20.96	22	1
5	16QAM	12	7	20.85	20.99	21.13		
5	16QAM	12	13	20.89	21.00	20.97		
5	16QAM	25	0	21.01	21.14	20.96		
5	64QAM	1	0	20.94	21.19	20.95	22	1
5	64QAM	1	12	20.89	21.08	20.97		
5	64QAM	1	24	20.79	20.87	20.83		
5	64QAM	12	0	20.00	20.16	20.14	21	2
5	64QAM	12	7	19.94	20.13	20.12		
5	64QAM	12	13	20.02	19.88	19.95		
5	64QAM	25	0	19.93	19.90	19.89		
5	256QAM	1	0	17.96	18.02	18.03	19	4
5	256QAM	1	12	17.99	17.90	18.04		
5	256QAM	1	24	17.96	17.87	17.93		
5	256QAM	12	0	17.99	18.02	17.91	19	4
5	256QAM	12	7	18.00	18.13	18.07		
5	256QAM	12	13	17.92	18.00	18.00		
5	256QAM	25	0	17.77	17.96	17.81		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.98	22.09	22.03	23	0
3	QPSK	1	8	21.88	22.03	21.97		
3	QPSK	1	14	21.94	21.96	21.85		
3	QPSK	8	0	21.93	21.99	21.97	23	0
3	QPSK	8	4	21.85	21.99	21.98		
3	QPSK	8	7	21.77	21.95	22.02		
3	QPSK	15	0	21.91	21.79	21.82		
3	16QAM	1	0	21.93	22.01	21.78	23	0
3	16QAM	1	8	21.80	21.93	21.94		
3	16QAM	1	14	21.90	21.78	21.79		
3	16QAM	8	0	20.88	21.14	21.09	22	1
3	16QAM	8	4	20.91	20.99	21.12		
3	16QAM	8	7	20.87	20.92	20.90		
3	16QAM	15	0	20.95	21.12	20.94		
3	64QAM	1	0	21.05	21.13	20.94	22	1
3	64QAM	1	8	20.99	21.08	20.96		
3	64QAM	1	14	20.91	20.88	20.87		
3	64QAM	8	0	19.94	20.11	20.13	21	2
3	64QAM	8	4	20.00	20.17	20.12		
3	64QAM	8	7	19.86	19.96	19.94		
3	64QAM	15	0	19.87	20.04	20.00		
3	256QAM	1	0	17.96	17.98	18.02	19	4
3	256QAM	1	8	18.00	17.94	18.05		
3	256QAM	1	14	17.96	17.98	17.94		
3	256QAM	8	0	17.96	18.15	17.95	19	4
3	256QAM	8	4	18.08	18.09	18.01		
3	256QAM	8	7	17.99	18.10	18.15		
3	256QAM	15	0	17.83	17.88	17.95		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.01	22.14	22.05	23	0
1.4	QPSK	1	3	21.97	22.03	22.08		
1.4	QPSK	1	5	21.85	21.85	21.91		
1.4	QPSK	3	0	21.94	22.16	21.99		
1.4	QPSK	3	1	21.96	22.01	22.11		
1.4	QPSK	3	3	21.88	21.85	21.88		
1.4	QPSK	6	0	21.97	22.02	21.90	23	0
1.4	16QAM	1	0	21.94	22.00	22.01	23	0
1.4	16QAM	1	3	21.93	22.01	22.03		
1.4	16QAM	1	5	21.81	21.68	21.82		
1.4	16QAM	3	0	21.86	22.12	21.94		
1.4	16QAM	3	1	21.88	21.95	22.04		
1.4	16QAM	3	3	21.83	21.83	21.75		
1.4	16QAM	6	0	20.90	20.79	20.84	22	1
1.4	64QAM	1	0	20.87	21.11	20.95	22	1
1.4	64QAM	1	3	20.91	21.00	21.11		
1.4	64QAM	1	5	20.85	20.80	20.90		
1.4	64QAM	3	0	20.80	20.92	20.91		
1.4	64QAM	3	1	20.94	21.15	21.07		
1.4	64QAM	3	3	20.91	21.01	21.10		
1.4	64QAM	6	0	20.83	20.86	20.88	21	2
1.4	256QAM	1	0	18.04	18.16	18.07	19	4
1.4	256QAM	1	3	17.99	18.00	18.12		
1.4	256QAM	1	5	17.76	17.81	17.85		
1.4	256QAM	3	0	18.00	18.16	18.06		
1.4	256QAM	3	1	18.05	18.05	18.10		
1.4	256QAM	3	3	17.92	17.92	17.97		
1.4	256QAM	6	0	17.95	18.24	17.95	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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.66	18.80	18.72	20	0
20	QPSK	1	49	18.73	18.68	18.67		
20	QPSK	1	99	18.65	18.67	18.67		
20	QPSK	50	0	18.49	18.69	18.61	20	0
20	QPSK	50	24	18.51	18.59	18.51		
20	QPSK	50	50	18.52	18.52	18.50		
20	QPSK	100	0	18.34	18.59	18.29		
20	16QAM	1	0	18.44	18.44	18.53	20	0
20	16QAM	1	49	18.55	18.48	18.53		
20	16QAM	1	99	18.42	18.49	18.41		
20	16QAM	50	0	18.48	18.55	18.47	20	0
20	16QAM	50	24	18.65	18.53	18.64		
20	16QAM	50	50	18.54	18.51	18.52		
20	16QAM	100	0	18.47	18.71	18.65		
20	64QAM	1	0	18.60	18.49	18.65	20	0
20	64QAM	1	49	18.57	18.53	18.58		
20	64QAM	1	99	18.57	18.61	18.66		
20	64QAM	50	0	18.61	18.59	18.61	20	0
20	64QAM	50	24	18.44	18.57	18.44		
20	64QAM	50	50	18.49	18.59	18.63		
20	64QAM	100	0	18.57	18.59	18.59		
20	256QAM	1	0	17.36	17.57	17.41	19	1
20	256QAM	1	49	17.45	17.54	17.28		
20	256QAM	1	99	17.42	17.22	17.35		
20	256QAM	50	0	17.37	17.63	17.47	19	1
20	256QAM	50	24	17.41	17.47	17.57		
20	256QAM	50	50	17.40	17.62	17.33		
20	256QAM	100	0	17.31	17.37	17.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.62	18.69	18.62	20	0
15	QPSK	1	37	18.59	18.58	18.57		
15	QPSK	1	74	18.56	18.51	18.58		
15	QPSK	36	0	18.37	18.61	18.46	20	0
15	QPSK	36	20	18.36	18.49	18.42		
15	QPSK	36	39	18.46	18.44	18.34		
15	QPSK	75	0	18.28	18.46	18.17		
15	16QAM	1	0	18.29	18.32	18.41	20	0
15	16QAM	1	37	18.42	18.42	18.38		
15	16QAM	1	74	18.30	18.34	18.36		
15	16QAM	36	0	18.35	18.40	18.33	20	0
15	16QAM	36

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.18	21.30	21.27	22.5	0
20	QPSK	1	49	21.23	21.21	21.26		
20	QPSK	1	99	21.18	21.23	21.11		
20	QPSK	50	0	21.04	21.27	21.10	22.5	0
20	QPSK	50	24	21.14	21.15	21.08		
20	QPSK	50	50	21.02	21.12	21.07		
20	QPSK	100	0	20.90	21.04	20.89		
20	16QAM	1	0	20.94	21.02	21.14	22.5	0
20	16QAM	1	49	21.02	20.97	21.06		
20	16QAM	1	99	21.01	21.05	21.08		
20	16QAM	50	0	20.85	20.86	20.96	22	0.5
20	16QAM	50	24	20.74	20.67	20.83		
20	16QAM	50	50	20.67	20.76	20.97		
20	16QAM	100	0	20.73	20.90	20.84		
20	64QAM	1	0	20.85	21.08	20.82	22	0.5
20	64QAM	1	49	20.66	20.71	20.85		
20	64QAM	1	99	20.66	20.88	20.81		
20	64QAM	50	0	19.80	20.02	19.98	21	1.5
20	64QAM	50	24	19.84	20.02	19.81		
20	64QAM	50	50	19.68	19.75	19.82		
20	64QAM	100	0	19.57	19.80	19.86		
20	256QAM	1	0	17.70	17.89	18.02	19	3.5
20	256QAM	1	49	17.66	17.83	17.71		
20	256QAM	1	99	17.62	17.75	17.77		
20	256QAM	50	0	17.88	17.96	17.79	19	3.5
20	256QAM	50	24	17.88	17.88	17.90		
20	256QAM	50	50	17.73	17.71	17.73		
20	256QAM	100	0	17.78	17.80	17.87		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.03	21.18	21.15	22.5	0
15	QPSK	1	37	21.09	21.10	21.20		
15	QPSK	1	74	21.05	21.09	21.01		
15	QPSK	36	0	20.89	21.18	21.00	22.5	0
15	QPSK	36	20	21.05	21.00	20.98		
15	QPSK	36	39	20.88	21.03	21.00		
15	QPSK	75	0	20.79	20.89	20.81		
15	16QAM	1	0	20.79	20.90	21.10	22.5	0
15	16QAM	1	37	20.94	20.92	20.95		
15	16QAM	1	74	20.89	20.94	20.97		
15	16QAM	36	0	20.65	20.81	20.87	22	0.5
15	16QAM	36	20	20.72	20.49	20.67		
15	16QAM	36	39	20.63	20.59	20.84		
15	16QAM	75	0	20.71	20.76	20.79		
15	64QAM	1	0	20.66	20.91	20.70	22	0.5
15	64QAM	1	37	20.68	20.57	20.74		
15	64QAM	1	74	20.64	20.84	20.73		
15	64QAM	36	0	19.79	20.03	19.83	21	1.5
15	64QAM	36	20	19.80	19.83	19.80		
15	64QAM	36	39	19.53	19.56	19.64		
15	64QAM	75	0	19.41	19.70	19.82		
15	256QAM	1	0	17.62	17.76	17.86	19	3.5
15	256QAM	1	37	17.49	17.65	17.62		
15	256QAM	1	74	17.50	17.60	17.64		
15	256QAM	36	0	17.79	17.81	17.77	19	3.5
15	256QAM	36	20	17.82	17.79	17.88		
15	256QAM	36	39	17.55	17.54	17.73		
15	256QAM	75	0	17.57	17.79	17.80		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.05	21.20	21.17	22.5	0
10	QPSK	1	25	21.19	21.13	21.21		
10	QPSK	1	49	21.02	21.13	21.07		
10	QPSK	25	0	20.89	21.16	21.00	22.5	0
10	QPSK	25	12	21.04	21.07	20.92		
10	QPSK	25	25	20.91	20.96	20.98		
10	QPSK	50	0	20.77	20.91	20.75		
10	16QAM	1	0	20.90	20.87	20.99	22.5	0
10	16QAM	1	25	20.90	20.81	20.93		
10	16QAM	1	49	20.94	20.95	20.95		
10	16QAM	25	0	20.84	20.66	20.81	22	0.5
10	16QAM	25	12	20.69	20.67	20.80		
10	16QAM	25	25	20.47	20.67	20.92		
10	16QAM	50	0	20.75	20.68	20.72		
10	64QAM	1	0	20.71	20.96	20.62	22	0.5
10	64QAM	1	25	20.47	20.52	20.83		
10	64QAM	1	49	20.67	20.84	20.64		
10	64QAM	25	0	19.58	19.84	19.82	21	1.5
10	64QAM	25	12	19.78	19.99	19.70		
10	64QAM	25	25	19.64	19.53	19.83		
10	64QAM	50	0	19.56	19.81	19.64		
10	256QAM	1	0	17.51	17.74	17.86	19	3.5
10	256QAM	1	25	17.44	17.62	17.50		
10	256QAM	1	49	17.53	17.57	17.72		
10	256QAM	25	0	17.81	17.79	17.69	19	3.5
10	256QAM	25	12	17.80	17.89	17.70		
10	256QAM	25	25	17.55	17.50	17.55		
10	256QAM	50	0	17.62	17.65	17.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.13	21.20	21.16	22.5	0
5	QPSK	1	12	21.10	21.06	21.21		
5	QPSK	1	24	21.09	21.11	21.01		
5	QPSK	12	0	20.95	21.15	20.95	22.5	0
5	QPSK	12	7	21.06	21.08	20.98		
5	QPSK	12	13	20.92	20.96	20.94		
5	QPSK	25	0	20.83	20.92	20.83		
5	16QAM	1	0	20.82	20.96	21.03	22.5	0
5	16QAM	1	12	20.96	20.84	20.97		
5	16QAM	1	24	20.87	20.95	20.98		
5	16QAM	12	0	20.80	20.77	20.94	22	0.5
5	16QAM	12	7	20.66	20.52	20.74		
5	16QAM	12	13	20.49	20.75	20.83		
5	16QAM	25	0	20.69	20.80	20.64		
5	64QAM	1	0	20.80	20.86	20.81	22	0.5
5	64QAM	1	12	20.64	20.71	20.78		
5	64QAM	1	24	20.67	20.82	20.80		
5	64QAM	12	0	19.75	19.93	19.92	21	1.5
5	64QAM	12	7	19.72	19.95	19.68		
5	64QAM	12	13	19.60	19.71	19.77		
5	64QAM	25	0	19.46	19.71	19.67		
5	256QAM	1	0	17.51	17.89	17.97	19	3.5
5	256QAM	1	12	17.63	17.76	17.55		
5	256QAM	1	24	17.49	17.58	17.64		
5	256QAM	12	0	17.71	17.88	17.76	19	3.5
5	256QAM	12	7	17.71	17.67	17.81		
5	256QAM	12	13	17.51	17.61	17.70		
5	256QAM	25	0	17.74	17.66	17.71		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.24	21.17	21.33	21.24	21.18	22.5	0
20	QPSK	1	49	21.12	21.23	21.26	21.28	21.15		
20	QPSK	1	99	21.06	21.21	21.19	21.14	21.11		
20	QPSK	50	0	21.10	21.04	21.22	21.09	21.06	22.5	0
20	QPSK	50	24	20.95	21.03	21.08	21.08	20.98		
20	QPSK	50	50	20.94	21.08	21.11	20.98	20.96		
20	QPSK	100	0	20.99	20.90	21.02	20.93	20.74		
20	16QAM	1	0	21.08	21.05	21.08	21.07	21.06	22.5	0
20	16QAM	1	49	20.82	21.07	21.07	21.09	20.96		
20	16QAM	1	99	20.84	20.97	20.94	20.98	20.90		
20	16QAM	50	0	20.95	20.62	20.81	20.67	20.58	22	0.5
20	16QAM	50	24	20.83	20.65	20.81	20.62	20.65		
20	16QAM	50	50	20.80	20.64	20.73	20.59	20.66		
20	16QAM	100	0	20.64	20.58	20.77	20.62	20.58		
20	64QAM	1	0	20.74	20.48	20.70	20.60	20.60	22	0.5
20	64QAM	1	49	20.70	20.57	20.79	20.45	20.52		
20	64QAM	1	99	20.78	20.56	20.71	20.50	20.44		
20	64QAM	50	0	19.77	19.86	19.94	19.76	19.66	21	1.5
20	64QAM	50	24	19.85	19.64	19.95	19.70	19.74		
20	64QAM	50	50	19.89	19.58	19.79	19.62	19.45		
20	64QAM	100	0	19.80	19.58	19.76	19.61	19.56		
20	256QAM	1	0	17.88	17.68	17.75	17.70	17.59	19	3.5
20	256QAM	1	49	17.86	17.61	17.85	17.70	17.51		
20	256QAM	1	99	17.63	17.67	17.81	17.61	17.50		
20	256QAM	50	0	17.82	17.75	17.88	17.79	17.67	19	3.5
20	256QAM	50	24	17.96	17.58	17.75	17.74	17.56		
20	256QAM	50	50	17.77	17.76	17.68	17.61	17.61		
20	256QAM	100	0	17.69	17.78	17.76	17.63	17.54		
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	21.15	21.01	21.21	21.19	21.12	23	0
15	QPSK	1	37	21.00	21.12	21.14	21.18	21.07		
15	QPSK	1	74	21.02	21.11	21.15	21.08	20.98		
15	QPSK	36	0	21.03	20.96	21.11	20.94	20.96	22.5	0
15	QPSK	36	20	20.85	20.98	20.99	21.01	20.89		
15	QPSK	36	39	20.79	20.93	21.02	20.90	20.90		
15	QPSK	75	0	20.94	20.78	20.87	20.83	20.62		
15	16QAM	1	0	21.03	20.95	20.98	20.93	20.95	22.5	0
15	16QAM	1	37	20.73	20.97	20.95	20.96	20.81		
15	16QAM	1	74	20.73	20.82	20.83	20.93	20.84		
15	16QAM	36	0	20.95	20.55	20.82	20.62	20.55	22	0.5
15	16QAM	36	20	20.71	20.62	20.72	20.58	20.66		
15	16QAM	36	39	20.66	20.58	20.63	20.57	20.58		
15	16QAM	75	0	20.60	20.57	20.75	20.58	20.58		
15	64QAM	1	0	20.74	20.39	20.70	20.53	20.47	22	0.5
15	64QAM	1	37	20.63	20.45	20.77	20.32	20.56		
15	64QAM	1	74	20.72	20.51	20.63	20.49	20.42		
15	64QAM	36	0	19.68	19.75	19.79	19.78	19.61	21	1.5
15	64QAM	36	20	19.72	19.55	19.92	19.72	19.65		
15	64QAM	36	39	19.84	19.45	19.68	19.56	19.49		
15	64QAM	75	0	19.82	19.48	19.70	19.54	19.53		
15	256QAM	1	0	17.82	17.57	17.75	17.60	17.46	19	3.5
15	256QAM	1	37	17.74	17.52	17.85	17.59	17.53		
15	256QAM	1	74	17.57	17.62	17.79	17.52	17.51		
15	256QAM	36	0	17.68	17.65	17.73	17.79	17.67	19	3.5
15	256QAM	36	20	17.95	17.60	17.77	17.71	17.48		
15	256QAM	36	39	17.68	17.79	17.55	17.63	17.50		
15	256QAM	75	0	17.65	17.74	17.65	17.63	17.47		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.11	21.12	21.19	21.10	21.07	23	0
10	QPSK	1	25	21.05	21.12	21.19	21.14	21.03		
10	QPSK	1	49	21.02	21.07	21.04	21.06	20.96		
10	QPSK	25	0	21.01	20.98	21.09	21.03	20.91	22.5	0
10	QPSK	25	12	20.86	20.90	21.03	21.00	20.85		
10	QPSK	25	25	20.79	21.03	21.00	20.82	20.86		
10	QPSK	50	0	20.88	20.82	20.97	20.78	20.59		
10	16QAM	1	0	20.92	20.97	20.98	20.93	20.98	22.5	0
10	16QAM	1	25	20.72	20.98	20.95	20.99	20.91		
10	16QAM	1	49	20.70	20.89	20.85	20.89	20.86		
10	16QAM	25	0	20.80	20.60	20.78	20.70	20.51	22	0.5
10	16QAM	25	12	20.69	20.64	20.82	20.51	20.64		
10	16QAM	25	25	20.77	20.65	20.64	20.59	20.58		
10	16QAM	50	0	20.64	20.49	20.73	20.66	20.45		
10	64QAM	1	0	20.75	20.38	20.70	20.47	20.57	22	0.5
10	64QAM	1	25	20.58	20.56	20.65	20.46	20.45		
10	64QAM	1	49	20.76	20.60	20.66	20.54	20.34		
10	64QAM	25	0	19.80	19.74	19.83	19.66	19.69	21	1.5
10	64QAM	25	12	19.71	19.59	19.87	19.59	19.71		
10	64QAM	25	25	19.83	19.58	19.74	19.50	19.49		
10	64QAM	50	0	19.74	19.54	19.77	19.47	19.52		
10	256QAM	1	0	17.79	17.66	17.78	17.72	17.57	19	3.5
10	256QAM	1	25	17.78	17.47	17.84	17.68	17.54		
10	256QAM	1	49	17.64	17.68	17.68	17.52	17.55		
10	256QAM	25	0	17.71	17.76	17.82	17.66	17.63	19	3.5
10	256QAM	25	12	17.95	17.50	17.71	17.61	17.59		
10	256QAM	25	25	17.74	17.81	17.68	17.51	17.55		
10	256QAM	50	0	17.69	17.77	17.78	17.65	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	21.13	21.08	21.23	21.14	21.03	23	0
5	QPSK	1	12	21.04	21.10	21.19	21.21	21.04		
5	QPSK	1	24	20.93	21.06	21.05	21.04	21.06		
5	QPSK	12	0	21.03	20.97	21.08	20.98	20.95	22.5	0
5	QPSK	12	7	20.86	20.97	21.02	20.99	20.86		
5	QPSK	12	13	20.83	20.96	21.02	20.86	20.89		
5	QPSK	25	0	20.91	20.76	20.96	20.81	20.66		
5	16QAM	1	0	20.99	20.91	21.01	20.96	20.97	22.5	0
5	16QAM	1	12	20.74	20.98	20.92	20.97	20.91		
5	16QAM	1	24	20.74	20.84	20.89	20.85	20.84		
5	16QAM	12	0	20.98	20.58	20.80	20.71	20.59	22	0.5
5	16QAM	12	7	20.86	20.62	20.71	20.57	20.52		
5	16QAM	12	13	20.65	20.49	20.77	20.61	20.66		
5	16QAM	25	0	20.56	20.62	20.74	20.61	20.54		
5	64QAM	1	0	20.62	20.34	20.72	20.45	20.50	22	0.5
5	64QAM	1	12	20.70	20.54	20.79	20.45	20.42		
5	64QAM	1	24	20.74	20.47	20.61	20.44	20.39		
5	64QAM	12	0	19.64	19.78	19.73	19.78	19.57	21	1.5
5	64QAM	12	7	19.74	19.68	19.76	19.75	19.73		
5	64QAM	12	13	19.76	19.52	19.75	19.54	19.36		
5	64QAM	25	0	19.82	19.60	19.79	19.57	19.48		
5	256QAM	1	0	17.86	17.63	17.71	17.68	17.51	19	3.5
5	256QAM	1	12	17.71	17.60	17.89	17.65	17.47		
5	256QAM	1	24	17.57	17.60	17.82	17.58	17.45		
5	256QAM	12	0	17.77	17.77	17.76	17.70	17.67	19	3.5
5	256QAM	12	7	17.84	17.52	17.64	17.75	17.47		
5	256QAM	12	13	17.76	17.62	17.58	17.57	17.59		
5	256QAM	25	0	17.67	17.74	17.79	17.49	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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	16.99	17.16	17.05	18.1	0
20	QPSK	1	49	17.11	17.04	17.11		
20	QPSK	1	99	17.03	17.09	16.98		
20	QPSK	50	0	16.93	17.02	16.94	18.1	0
20	QPSK	50	24	16.94	16.90	16.83		
20	QPSK	50	50	16.91	16.92	16.83		
20	QPSK	100	0	16.79	16.93	16.74		
20	16QAM	1	0	16.89	16.88	16.94	18.1	0
20	16QAM	1	49	16.82	16.82	16.92		
20	16QAM	1	99	16.86	16.84	16.85		
20	16QAM	50	0	16.96	16.92	16.90	18.1	0
20	16QAM	50	24	16.93	16.91	17.06		
20	16QAM	50	50	16.97	16.99	16.94		
20	16QAM	100	0	16.87	17.13	17.04		
20	64QAM	1	0	16.91	16.95	16.97	18.1	0
20	64QAM	1	49	16.87	16.88	17.03		
20	64QAM	1	99	16.96	17.09	16.94		
20	64QAM	50	0	16.96	17.00	17.13	18.1	0
20	64QAM	50	24	16.96	17.01	16.85		
20	64QAM	50	50	16.90	17.06	17.13		
20	64QAM	100	0	16.93	16.95	17.14		
20	256QAM	1	0	16.95	17.10	16.92	18.1	0
20	256QAM	1	49	16.88	17.14	16.96		
20	256QAM	1	99	17.01	16.97	16.95		
20	256QAM	50	0	16.94	17.09	16.99	18.1	0
20	256QAM	50	24	16.88	17.05	17.00		
20	256QAM	50	50	16.97	16.97	17.07		
20	256QAM	100	0	17.05	17.11	17.00		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	16.89	17.07	16.96	18.1	0
15	QPSK	1	37	17.06	16.94	17.06		
15	QPSK	1	74	16.89	16.95	16.86		
15	QPSK	36	0	16.85	16.91	16.84	18.1	0
15	QPSK	36	20	16.86	16.78	16.77		
15	QPSK	36	39	16.81	16.78	16.77		
15	QPSK	75	0	16.71	16.81	16.62		
15	16QAM	1	0	16.77	16.79	16.84	18.1	0
15	16QAM	1	37	16.78	16.72	16.87		
15	16QAM	1	74	16.81	16.80	16.75		
15	16QAM	36	0	16.91	16.86	16.85	18.1	0
15	16QAM	36	20	16.78	16.82	17.00		
15	16QAM	36	39	16.93	16.90	16.89		
15	16QAM	75	0	16.77	17.08	16.95		
15	64QAM	1	0	16.79	16.86	16.93	18.1	0
15	64QAM	1	37	16.78	16.75	16.93		
15	64QAM	1	74	16.87	17.05	16.80		
15	64QAM	36	0	16.87	16.95	17.03	18.1	0
15	64QAM	36	20	16.88	16.94	16.77		
15	64QAM	36	39	16.80	16.95	17.04		
15	64QAM	75	0	16.79	16.90	17.00		
15	256QAM	1	0	16.81	16.98	16.85	18.1	0
15	256QAM	1	37	16.81	17.04	16.83		
15	256QAM	1	74	16.94	16.90	16.82		
15	256QAM	36	0	16.89	17.00	16.87	18.1	0
15	256QAM	36	20	16.81	16.95	16.93		
15	256QAM	36	39	16.86	16.82	16.99		
15	256QAM	75	0	16.98	17.06	16.93		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	16.85	17.05	16.99	18.1	0
10	QPSK	1	25	17.06	16.97	17.03		
10	QPSK	1	49	16.98	16.98	16.93		
10	QPSK	25	0	16.84	16.89	16.82	18.1	0
10	QPSK	25	12	16.88	16.76	16.76		
10	QPSK	25	25	16.76	16.79	16.76		
10	QPSK	50	0	16.66	16.80	16.70		
10	16QAM	1	0	16.84	16.73	16.83	18.1	0
10	16QAM	1	25	16.67	16.68	16.83		
10	16QAM	1	49	16.76	16.78	16.69		
10	16QAM	25	0	16.83	16.84	16.76	18.1	0
10	16QAM	25	12	16.78	16.80	17.00		
10	16QAM	25	25	16.87	16.89	16.89		
10	16QAM	50	0	16.77	17.03	16.91		
10	64QAM	1	0	16.82	16.82	16.85	18.1	0
10	64QAM	1	25	16.73	16.78	16.95		
10	64QAM	1	49	16.83	17.00	16.90		
10	64QAM	25	0	16.92	16.91	16.99	18.1	0
10	64QAM	25	12	16.92	16.93	16.80		
10	64QAM	25	25	16.83	16.95	16.99		
10	64QAM	50	0	16.87	16.80	17.06		
10	256QAM	1	0	16.80	17.05	16.79	18.1	0
10	256QAM	1	25	16.75	17.07	16.85		
10	256QAM	1	49	16.96	16.83	16.89		
10	256QAM	25	0	16.85	17.04	16.86	18.1	0
10	256QAM	25	12	16.82	16.90	16.84		
10	256QAM	25	25	16.86	16.92	17.02		
10	256QAM	50	0	16.97	17.02	16.87		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	16.93	17.07	17.00	18.1	0
5	QPSK	1	12	17.05	16.89	17.04		
5	QPSK	1	24	16.93	17.00	16.87		
5	QPSK	12	0	16.86	16.91	16.85	18.1	0
5	QPSK	12	7	16.85	16.85	16.76		
5	QPSK	12	13	16.87	16.79	16.76		
5	QPSK	25	0	16.66	16.78	16.59		
5	16QAM	1	0	16.81	16.72	16.83	18.1	0
5	16QAM	1	12	16.78	16.76	16.86		
5	16QAM	1	24	16.79	16.75	16.81		
5	16QAM	12	0	16.83	16.79	16.81	18.1	0
5	16QAM	12	7	16.87	16.85	16.95		
5	16QAM	12	13	16.91	16.88	16.85		
5	16QAM	25	0	16.72	17.04	16.89		
5	64QAM	1	0	16.78	16.89	16.91	18.1	0
5	64QAM	1	12	16.80	16.77	16.95		
5	64QAM	1	24	16.86	17.02	16.79		
5	64QAM	12	0	16.89	16.92	16.98	18.1	0
5	64QAM	12	7	16.82	16.87	16.74		
5	64QAM	12	13	16.77	16.91	17.06		
5	64QAM	25	0	16.82	16.82	17.03		
5	256QAM	1	0	16.88	16.95	16.79	18.1	0
5	256QAM	1	12	16.74	17.02	16.81		
5	256QAM	1	24	16.89	16.86	16.84		
5	256QAM	12	0	16.80	16.98	16.87	18.1	0
5	256QAM	12	7	16.76	16.89	16.94		
5	256QAM	12	13	16.82	16.83	16.93		
5	256QAM	25	0	16.98	17.05	16.85		

Reduced Power Mode for ECI 3

GSM850 Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.62	31.52	31.48	33.00	22.62	22.52	22.48	24.00
GPRS 1 Tx slot	31.74	31.63	31.60	33.00	22.74	22.63	22.60	24.00
GPRS 2 Tx slots	30.23	30.08	30.05	31.00	24.23	24.08	24.05	25.00
GPRS 3 Tx slots	28.77	28.61	28.62	29.50	24.51	24.35	24.36	25.24
GPRS 4 Tx slots	27.25	27.16	27.15	28.50	24.25	24.16	24.15	25.50
EDGE 1 Tx slot	26.18	26.20	26.16	27.00	17.18	17.20	17.16	18.00
EDGE 2 Tx slots	24.41	24.65	24.63	25.50	18.41	18.65	18.63	19.50
EDGE 3 Tx slots	22.61	22.78	22.73	24.00	18.35	18.52	18.47	19.74
EDGE 4 Tx slots	20.98	21.02	21.03	22.00	17.98	18.02	18.03	19.00

Band		WCDMA V Ant0			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	22.29	22.46	22.46	23.40
3GPP Rel 99	RMC 12.2Kbps	22.53	22.58	22.49	23.40
3GPP Rel 6	HSDPA Subtest-1	21.44	21.64	21.68	21.90
3GPP Rel 6	HSDPA Subtest-2	21.56	21.67	21.63	21.90
3GPP Rel 6	HSDPA Subtest-3	21.04	21.09	21.07	21.40
3GPP Rel 6	HSDPA Subtest-4	21.05	21.04	21.13	21.40
3GPP Rel 8	DC-HSDPA Subtest-1	21.40	21.49	21.64	21.90
3GPP Rel 8	DC-HSDPA Subtest-2	21.46	21.52	21.55	21.90
3GPP Rel 8	DC-HSDPA Subtest-3	20.88	21.15	20.98	21.40
3GPP Rel 8	DC-HSDPA Subtest-4	21.08	21.10	21.02	21.40
3GPP Rel 6	HSUPA Subtest-1	21.47	21.52	21.54	21.90
3GPP Rel 6	HSUPA Subtest-2	19.63	19.49	19.62	19.90
3GPP Rel 6	HSUPA Subtest-3	20.58	20.53	20.58	20.90
3GPP Rel 6	HSUPA Subtest-4	19.50	19.73	19.59	19.90
3GPP Rel 6	HSUPA Subtest-5	21.50	21.60	21.57	21.90
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.95	19.00	19.06	19.40

Band 5 Ant0

BW [MHz]	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	22.37	22.49	22.36		
10	QPSK	1	25	22.41	22.34	22.31	24	0
10	QPSK	1	49	22.23	22.36	22.31		
10	QPSK	25	0	21.49	21.51	21.38		
10	QPSK	25	12	21.48	21.48	21.48	23	1
10	QPSK	25	25	21.47	21.46	21.40		
10	QPSK	50	0	21.39	21.46	21.36		
10	16QAM	1	0	21.70	21.78	21.70		
10	16QAM	1	25	21.77	21.85	21.77	23	1
10	16QAM	1	49	21.67	21.71	21.91		
10	16QAM	25	0	20.28	20.50	20.48		
10	16QAM	25	12	20.26	20.47	20.48	22	2
10	16QAM	25	25	20.29	20.37	20.49		
10	16QAM	50	0	20.52	20.51	20.51		
10	64QAM	1	0	20.19	20.36	20.38		
10	64QAM	1	25	20.39	20.61	20.25	22	2
10	64QAM	1	49	20.24	20.42	20.62		
10	64QAM	25	0	19.37	19.44	19.49		
10	64QAM	25	12	19.29	19.55	19.54	21	3
10	64QAM	25	25	19.40	19.38	19.58		
10	64QAM	50	0	19.45	19.32	19.59		
10	256QAM	1	0	17.38	17.52	17.53		
10	256QAM	1	25	17.36	17.43	17.26	19	5
10	256QAM	1	49	17.29	17.46	17.54		
10	256QAM	25	0	17.40	17.44	17.28		
10	256QAM	25	12	17.45	17.40	17.46	19	5
10	256QAM	25	25	17.44	17.50	17.42		
10	256QAM	50	0	17.50	17.33	17.63		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.32	22.44	22.25		
5	QPSK	1	12	22.29	22.32	22.27	24	0
5	QPSK	1	24	22.15	22.30	22.16		
5	QPSK	12	0	21.35	21.47	21.22		
5	QPSK	12	7	21.46	21.37	21.36	23	1
5	QPSK	12	13	21.36	21.42	21.38		
5	QPSK	25	0	21.30	21.34	21.32		
5	16QAM	1	0	21.60	21.71	21.67		
5	16QAM	1	12	21.75	21.82	21.63	23	1
5	16QAM	1	24	21.52	21.67	21.78		
5	16QAM	12	0	20.22	20.48	20.33		
5	16QAM	12	7	20.12	20.38	20.41	22	2
5	16QAM	12	13	20.22	20.21	20.35		
5	16QAM	25	0	20.35	20.48	20.48		
5	64QAM	1	0	20.14	20.29	20.22		
5	64QAM	1	12	20.25	20.49	20.18	22	2
5	64QAM	1	24	20.21	20.30	20.54		
5	64QAM	12	0	19.19	19.27	19.36		
5	64QAM	12	7	19.18	19.48	19.40	21	3
5	64QAM	12	13	19.31	19.24	19.43		
5	64QAM	25	0	19.36	19.30	19.55		
5	256QAM	1	0	17.35	17.50	17.46		
5	256QAM	1	12	17.29	17.34	17.10	19	5
5	256QAM	1	24	17.16	17.42	17.37		
5	256QAM	12	0	17.26	17.30	17.19		
5	256QAM	12	7	17.30	17.31	17.41	19	5
5	256QAM	12	13	17.37	17.43	17.38		
5	256QAM	25	0	17.33	17.17	17.59		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.27	22.41	22.22		
3	QPSK	1	8	22.36	22.27	22.27	24	0
3	QPSK	1	14	22.14	22.25	22.26		
3	QPSK	8	0	21.44	21.33	21.29		
3	QPSK	8	4	21.44	21.36	21.37	23	1
3	QPSK	8	7	21.30	21.32	21.34		
3	QPSK	15	0	21.36	21.39	21.28		
3	16QAM	1	0	21.67	21.71	21.66		
3	16QAM	1	8	21.74	21.82	21.70	23	1
3	16QAM	1	14	21.55	21.62	21.77		
3	16QAM	8	0	20.11	20.41	20.42		
3	16QAM	8	4	20.20	20.30	20.46	22	2
3	16QAM	8	7	20.14	20.22	20.40		
3	16QAM	15	0	20.40	20.43	20.44		
3	64QAM	1	0	20.14	20.20	20.24		
3	64QAM	1	8	20.26	20.53	20.08	22	2
3	64QAM	1	14	20.11	20.39	20.48		
3	64QAM	8	0	19.29	19.34	19.35		
3	64QAM	8	4	19.16	19.46	19.42	21	3
3	64QAM	8	7	19.32	19.35	19.42		
3	64QAM	15	0	19.31	19.28	19.44		
3	256QAM	1	0	17.32	17.47	17.51		
3	256QAM	1	8	17.18	17.40	17.12	19	5
3	256QAM	1	14	17.14	17.32	17.39		
3	256QAM	8	0	17.30	17.38	17.18		
3	256QAM	8	4	17.36	17.23	17.39	19	5
3	256QAM	8	7	17.27	17.43	17.33		
3	256QAM	15	0	17.42	17.28	17.60		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.28	22.41	22.21		
1.4	QPSK	1	3	22.36	22.31	22.18		
1.4	QPSK	1	5	22.11	22.24	22.15	24	0
1.4	QPSK	3	0	22.10	22.29	22.09		
1.4	QPSK	3	1	22.30	22.17	22.05		
1.4	QPSK	3	3	22.06	22.16	22.02		
1.4	QPSK	6	0	21.35	21.41	21.34	23	1
1.4	16QAM	1	0	21.62	21.71	21.56		
1.4	16QAM	1	3	21.74	21.78	21.64		
1.4	16QAM	1	5	21.58	21.57	21.76	23	1
1.4	16QAM	3	0	21.47	21.68	21.48		
1.4	16QAM	3	1	21.68	21.62	21.47		
1.4	16QAM	3	3	21.50	21.47	21.70		
1.4	16QAM	6	0	20.39	20.46	20.40	22	2
1.4	64QAM	1	0	20.11	20.23	20.36		
1.4	64QAM	1	3	20.22	20.48	20.12		
1.4	64QAM	1	5	20.20	20.37	20.58	22	2
1.4	64QAM	3	0	20.06	20.17	20.27		
1.4	64QAM	3	1	20.09	20.41	20.09		
1.4	64QAM	3	3	20.05	20.33	20.49		
1.4	64QAM	6	0	19.43	19.30	19.42	21	3
1.4	256QAM	1	0	17.32	17.45	17.47		
1.4	256QAM	1	3	17.33	17.35	17.19		
1.4	256QAM	1	5	17.12	17.40	17.42	19	5
1.4	256QAM	3	0	17.30	17.41	17.10		
1.4	256QAM	3	1	17.35	17.31	17.43		
1.4	256QAM	3	3	17.39	17.32	17.34		
1.4	256QAM	6	0	17.33	17.21	17.54	19	5

Band 12 Ant0

BW [MHz]	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	22.55	22.61	22.50		
10	QPSK	1	25	22.59	22.47	22.50	24	0
10	QPSK	1	49	22.43	22.51	22.47		
10	QPSK	25	0	21.65	21.67	21.54		
10	QPSK	25	12	21.57	21.61	21.64	23	1
10	QPSK	25	25	21.64	21.62	21.54		
10	QPSK	50	0	21.58	21.60	21.43		
10	16QAM	1	0	21.91	21.93	21.99		
10	16QAM	1	25	21.98	21.96	21.96	23	1
10	16QAM	1	49	21.91	22.02	21.95		
10	16QAM	25	0	20.49	20.69	20.58		
10	16QAM	25	12	20.52	20.70	20.52	22	2
10	16QAM	25	25	20.59	20.54	20.78		
10	16QAM	50	0	20.67	20.54	20.61		
10	64QAM	1	0	20.45	20.62	20.54		
10	64QAM	1	25	20.56	20.70	20.45	22	2
10	64QAM	1	49	20.50	20.52	20.75		
10	64QAM	25	0	19.45	19.58	19.60		
10	64QAM	25	12	19.44	19.65	19.71	21	3
10	64QAM	25	25	19.64	19.46	19.76		
10	64QAM	50	0	19.61	19.51	19.77		
10	256QAM	1	0	17.54	17.61	17.74		
10	256QAM	1	25	17.49	17.70	17.55	19	5
10	256QAM	1	49	17.45	17.71	17.70		
10	256QAM	25	0	17.49	17.65	17.60		
10	256QAM	25	12	17.62	17.60	17.70	19	5
10	256QAM	25	25	17.69	17.61	17.66		
10	256QAM	50	0	17.65	17.60	17.82		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.44	22.56	22.47		
5	QPSK	1	12	22.43	22.33	22.45	24	0
5	QPSK	1	24	22.33	22.44	22.38		
5	QPSK	12	0	21.48	21.56	21.51		
5	QPSK	12	7	21.48	21.51	21.59	23	1
5	QPSK	12	13	21.55	21.55	21.48		
5	QPSK	25	0	21.48	21.55	21.41		
5	16QAM	1	0	21.77	21.82	21.93		
5	16QAM	1	12	21.81	21.89	21.84	23	1
5	16QAM	1	24	21.85	21.99	21.79		
5	16QAM	12	0	20.34	20.53	20.48		
5	16QAM	12	7	20.43	20.58	20.38	22	2
5	16QAM	12	13	20.53	20.48	20.75		
5	16QAM	25	0	20.51	20.36	20.48		
5	64QAM	1	0	20.34	20.58	20.42		
5	64QAM	1	12	20.39	20.56	20.29	22	2
5	64QAM	1	24	20.34	20.40	20.68		
5	64QAM	12	0	19.30	19.50	19.50		
5	64QAM	12	7	19.28	19.57	19.62	21	3
5	64QAM	12	13	19.48	19.30	19.59		
5	64QAM	25	0	19.55	19.36	19.62		
5	256QAM	1	0	17.42	17.55	17.67		
5	256QAM	1	12	17.42	17.67	17.38	19	5
5	256QAM	1	24	17.36	17.58	17.58		
5	256QAM	12	0	17.37	17.62	17.47		
5	256QAM	12	7	17.59	17.54	17.55	19	5
5	256QAM	12	13	17.55	17.53	17.49		
5	256QAM	25	0	17.52	17.52	17.69		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.46	22.48	22.45		
3	QPSK	1	8	22.56	22.39	22.36	24	0
3	QPSK	1	14	22.28	22.42	22.40		
3	QPSK	8	0	21.51	21.52	21.42		
3	QPSK	8	4	21.41	21.49	21.52	23	1
3	QPSK	8	7	21.50	21.45	21.46		
3	QPSK	15	0	21.42	21.50	21.29		
3	16QAM	1	0	21.87	21.76	21.93		
3	16QAM	1	8	21.90	21.78	21.93	23	1
3	16QAM	1	14	21.89	21.86	21.84		
3	16QAM	8	0	20.35	20.62	20.42		
3	16QAM	8	4	20.45	20.56	20.37	22	2
3	16QAM	8	7	20.51	20.39	20.75		
3	16QAM	15	0	20.63	20.51	20.51		
3	64QAM	1	0	20.28	20.52	20.38		
3	64QAM	1	8	20.51	20.58	20.36	22	2
3	64QAM	1	14	20.41	20.49	20.70		
3	64QAM	8	0	19.29	19.41	19.47		
3	64QAM	8	4	19.30	19.51	19.54	21	3
3	64QAM	8	7	19.58	19.42	19.62		
3	64QAM	15	0	19.50	19.45	19.63		
3	256QAM	1	0	17.46	17.59	17.63		
3	256QAM	1	8	17.46	17.55	17.40	19	5
3	256QAM	1	14	17.43	17.56	17.57		
3	256QAM	8	0	17.40	17.62	17.44		
3	256QAM	8	4	17.59	17.52	17.66	19	5
3	256QAM	8	7	17.63	17.52	17.56		
3	256QAM	15	0	17.62	17.45	17.73		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.48	22.47	22.37		
1.4	QPSK	1	3	22.43	22.41	22.48		
1.4	QPSK	1	5	22.31	22.38	22.38	24	0
1.4	QPSK	3	0	22.30	22.35	22.24		
1.4	QPSK	3	1	22.36	22.33	22.32		
1.4	QPSK	3	3	22.17	22.33	22.28		
1.4	QPSK	6	0	21.56	21.52	21.30	23	1
1.4	16QAM	1	0	21.75	21.86	21.96		
1.4	16QAM	1	3	21.86	21.82	21.81		
1.4	16QAM	1	5	21.78	21.99	21.82	23	1
1.4	16QAM	3	0	21.61	21.83	21.90		
1.4	16QAM	3	1	21.79	21.73	21.65		
1.4	16QAM	3	3	21.61	21.84	21.76		
1.4	16QAM	6	0	20.53	20.47	20.58	22	2
1.4	64QAM	1	0	20.39	20.56	20.38		
1.4	64QAM	1	3	20.42	20.53	20.28		
1.4	64QAM	1	5	20.37	20.38	20.72	22	2
1.4	64QAM	3	0	20.34	20.40	20.33		
1.4	64QAM	3	1	20.34	20.44	20.16		
1.4	64QAM	3	3	20.21	20.30	20.60		
1.4	64QAM	6	0	19.58	19.39	19.71	21	3
1.4	256QAM	1	0	17.51	17.57	17.67		
1.4	256QAM	1	3	17.32	17.59	17.52		
1.4	256QAM	1	5	17.29	17.68	17.64	19	5
1.4	256QAM	3	0	17.31	17.48	17.46		
1.4	256QAM	3	1	17.52	17.43	17.62		
1.4	256QAM	3	3	17.64	17.56	17.50		
1.4	256QAM	6	0	17.51	17.55	17.72	19	5

Band 13 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23180	23230			
Frequency (MHz)				779.5	782			
10	QPSK	1	0	22.69	22.86	22.66		
10	QPSK	1	25	22.81	22.73	22.79	24	0
10	QPSK	1	49	22.60	22.75	22.75		
10	QPSK	25	0	21.89	21.91	21.67		
10	QPSK	25	12	21.73	21.78	21.84	23	1
10	QPSK	25	25	21.77	21.77	21.63		
10	QPSK	50	0	21.78	21.83	21.72		
10	16QAM	1	0	22.05	22.04	22.14		
10	16QAM	1	25	22.10	22.20	22.12	23	1
10	16QAM	1	49	21.97	22.06	22.22		
10	16QAM	25	0	20.64	20.88	20.88		
10	16QAM	25	12	20.67	20.89	20.74	22	2
10	16QAM	25	25	20.70	20.72	20.88		
10	16QAM	50	0	20.87	20.76	20.88		
10	64QAM	1	0	20.68	20.72	20.84		
10	64QAM	1	25	20.77	20.88	20.65	22	2
10	64QAM	1	49	20.66	20.73	20.88		
10	64QAM	25	0	19.72	19.80	19.71		
10	64QAM	25	12	19.71	19.90	19.84	21	3
10	64QAM	25	25	19.83	19.67	19.93		
10	64QAM	50	0	19.81	19.80	19.80		
10	256QAM	1	0	17.65	17.79	17.94		
10	256QAM	1	25	17.80	17.82	17.71	19	5
10	256QAM	1	49	17.62	17.93	17.81		
10	256QAM	25	0	17.74	17.86	17.75		
10	256QAM	25	12	17.79	17.76	17.82	19	5
10	256QAM	25	25	17.86	17.71	17.86		
10	256QAM	50	0	17.83	17.63	17.96		
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.65	22.70	22.55		
5	QPSK	1	12	22.70	22.64	22.70	24	0
5	QPSK	1	24	22.46	22.58	22.69		
5	QPSK	12	0	21.76	21.83	21.62		
5	QPSK	12	7	21.66	21.60	21.74	23	1
5	QPSK	12	13	21.69	21.72	21.53		
5	QPSK	25	0	21.75	21.79	21.56		
5	16QAM	1	0	22.00	21.99	22.07		
5	16QAM	1	12	22.04	22.08	22.03	23	1
5	16QAM	1	24	21.94	21.96	22.09		
5	16QAM	12	0	20.52	20.72	20.82		
5	16QAM	12	7	20.61	20.87	20.63	22	2
5	16QAM	12	13	20.63	20.57	20.78		
5	16QAM	25	0	20.84	20.61	20.81		
5	64QAM	1	0	20.59	20.62	20.72		
5	64QAM	1	12	20.66	20.83	20.59	22	2
5	64QAM	1	24	20.48	20.62	20.77		
5	64QAM	12	0	19.58	19.67	19.53		
5	64QAM	12	7	19.68	19.85	19.70	21	3
5	64QAM	12	13	19.72	19.53	19.81		
5	64QAM	25	0	19.72	19.71	19.75		
5	256QAM	1	0	17.49	17.66	17.82		
5	256QAM	1	12	17.77	17.71	17.84	19	5
5	256QAM	1	24	17.58	17.77	17.66		
5	256QAM	12	0	17.65	17.75	17.68		
5	256QAM	12	7	17.68	17.61	17.79	19	5
5	256QAM	12	13	17.76	17.66	17.74		
5	256QAM	25	0	17.80	17.49	17.88		

Band 17 Ant0

BW [MHz]	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	22.49	22.53	22.47		
10	QPSK	1	25	22.37	22.49	22.37	24	0
10	QPSK	1	49	22.51	22.41	22.48		
10	QPSK	25	0	21.53	21.60	21.53		
10	QPSK	25	12	21.51	21.51	21.44	23	1
10	QPSK	25	25	21.56	21.42	21.42		
10	QPSK	50	0	21.49	21.56	21.39		
10	16QAM	1	0	21.38	21.57	21.40		
10	16QAM	1	25	21.65	21.59	21.58	23	1
10	16QAM	1	49	21.49	21.57	21.52		
10	16QAM	25	0	20.55	20.67	20.55		
10	16QAM	25	12	20.55	20.66	20.37	22	2
10	16QAM	25	25	20.57	20.72	20.37		
10	16QAM	50	0	20.44	20.48	20.42		
10	64QAM	1	0	20.51	20.53	20.45		
10	64QAM	1	25	20.44	20.42	20.55	22	2
10	64QAM	1	49	20.52	20.46	20.33		
10	64QAM	25	0	19.42	19.57	19.46		
10	64QAM	25	12	19.47	19.48	19.60	21	3
10	64QAM	25	25	19.50	19.44	19.45		
10	64QAM	50	0	19.56	19.43	19.42		
10	256QAM	1	0	17.51	17.49	17.34		
10	256QAM	1	25	17.49	17.66	17.56	19	5
10	256QAM	1	49	17.41	17.46	17.35		
10	256QAM	25	0	17.43	17.39	17.56		
10	256QAM	25	12	17.54	17.46	17.40	19	5
10	256QAM	25	25	17.54	17.49	17.57		
10	256QAM	50	0	17.62	17.52	17.44		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.34	22.41	22.34		
5	QPSK	1	12	22.27	22.36	22.24	24	0
5	QPSK	1	24	22.44	22.30	22.43		
5	QPSK	12	0	21.44	21.55	21.36		
5	QPSK	12	7	21.38	21.40	21.41	23	1
5	QPSK	12	13	21.43	21.30	21.32		
5	QPSK	25	0	21.33	21.49	21.31		
5	16QAM	1	0	21.32	21.53	21.31		
5	16QAM	1	12	21.57	21.43	21.50	23	1
5	16QAM	1	24	21.40	21.43	21.43		
5	16QAM	12	0	20.53	20.64	20.44		
5	16QAM	12	7	20.42	20.52	20.29	22	2
5	16QAM	12	13	20.45	20.57	20.20		
5	16QAM	25	0	20.30	20.37	20.33		
5	64QAM	1	0	20.34	20.44	20.40		
5	64QAM	1	12	20.33	20.29	20.38	22	2
5	64QAM	1	24	20.41	20.39	20.16		
5	64QAM	12	0	19.31	19.53	19.39		
5	64QAM	12	7	19.43	19.42	19.51	21	3
5	64QAM	12	13	19.47	19.33	19.39		
5	64QAM	25	0	19.49	19.34	19.38		
5	256QAM	1	0	17.42	17.40	17.29		
5	256QAM	1	12	17.32	17.52	17.43	19	5
5	256QAM	1	24	17.34	17.41	17.17		
5	256QAM	12	0	17.26	17.28	17.39		
5	256QAM	12	7	17.42	17.35	17.27	19	5
5	256QAM	12	13	17.41	17.40	17.50		
5	256QAM	25	0	17.53	17.38	17.38		

Band 26 for FCC Ant0

BW [MHz]	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	22.62	22.65	22.59		
15	QPSK	1	37	22.47	22.64	22.48	24	0
15	QPSK	1	74	22.62	22.55	22.47		
15	QPSK	36	0	21.61	21.64	21.60		
15	QPSK	36	20	21.61	21.57	21.59	23	1
15	QPSK	36	39	21.61	21.60	21.53		
15	QPSK	75	0	21.66	21.73	21.40		
15	16QAM	1	0	21.56	21.61	21.52		
15	16QAM	1	37	21.65	21.73	21.59	23	1
15	16QAM	1	74	21.55	21.68	21.59		
15	16QAM	36	0	20.52	20.67	20.68		
15	16QAM	36	20	20.59	20.68	20.46	22	2
15	16QAM	36	39	20.54	20.82	20.41		
15	16QAM	75	0	20.50	20.63	20.52		
15	64QAM	1	0	20.60	20.69	20.55		
15	64QAM	1	37	20.59	20.53	20.61	22	2
15	64QAM	1	74	20.65	20.55	20.53		
15	64QAM	36	0	19.46	19.63	19.63		
15	64QAM	36	20	19.48	19.60	19.55	21	3
15	64QAM	36	39	19.66	19.61	19.58		
15	64QAM	75	0	19.63	19.57	19.60		
15	256QAM	1	0	17.67	17.70	17.46		
15	256QAM	1	37	17.53	17.77	17.64	19	5
15	256QAM	1	74	17.51	17.57	17.44		
15	256QAM	36	0	17.52	17.51	17.68		
15	256QAM	36	20	17.56	17.52	17.51	19	5
15	256QAM	36	39	17.59	17.70	17.69		
15	256QAM	75	0	17.61	17.58	17.56		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.56	22.47	22.43		
10	QPSK	1	25	22.35	22.56	22.33	24	0
10	QPSK	1	49	22.54	22.50	22.32		
10	QPSK	25	0	21.51	21.53	21.57		
10	QPSK	25	12	21.46	21.45	21.45	23	1
10	QPSK	25	25	21.56	21.42	21.44		
10	QPSK	50	0	21.48	21.68	21.27		
10	16QAM	1	0	21.53	21.58	21.42		
10	16QAM	1	25	21.52	21.65	21.54	23	1
10	16QAM	1	49	21.37	21.63	21.51		
10	16QAM	25	0	20.47	20.61	20.63		
10	16QAM	25	12	20.43	20.55	20.31	22	2
10	16QAM	25	25	20.45	20.77	20.34		
10	16QAM	50	0	20.47	20.47	20.43		
10	64QAM	1	0	20.48	20.61	20.43		
10	64QAM	1	25	20.45	20.47	20.59	22	2
10	64QAM	1	49	20.56	20.45	20.43		
10	64QAM	25	0	19.39	19.59	19.58		
10	64QAM	25	12	19.36	19.56	19.40	21	3
10	64QAM	25	25	19.63	19.43	19.47		
10	64QAM	50	0	19.59	19.53	19.52		
10	256QAM	1	0	17.53	17.56	17.38		
10	256QAM	1	25	17.44	17.61	17.54	19	5
10	256QAM	1	49	17.49	17.45	17.33		
10	256QAM	25	0	17.42	17.41	17.62		
10	256QAM	25	12	17.51	17.38	17.48	19	5
10	256QAM	25	25	17.48	17.65	17.59		
10	256QAM	50	0	17.53	17.40	17.51		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.54	22.47	22.52		
5	QPSK	1	12	22.39	22.56	22.33	24	0
5	QPSK	1	24	22.60	22.51	22.44		
5	QPSK	12	0	21.45	21.58	21.48		
5	QPSK	12	7	21.55	21.47	21.44	23	1
5	QPSK	12	13	21.54	21.44	21.45		
5	QPSK	25	0	21.56	21.61	21.37		
5	16QAM	1	0	21.52	21.52	21.41		
5	16QAM	1	12	21.62	21.60	21.44	23	1
5	16QAM	1	24	21.48	21.64	21.52		
5	16QAM	12	0	20.37	20.52	20.51		
5	16QAM	12	7	20.50	20.60	20.40	22	2
5	16QAM	12	13	20.49	20.80	20.35		
5	16QAM	25	0	20.37	20.54	20.36		
5	64QAM	1	0	20.55	20.57	20.43		
5	64QAM	1	12	20.51	20.36	20.49	22	2
5	64QAM	1	24	20.53	20.45	20.39		
5	64QAM	12	0	19.33	19.49	19.54		
5	64QAM	12	7	19.43	19.53	19.52	21	3
5	64QAM	12	13	19.57	19.58	19.45		
5	64QAM	25	0	19.49	19.54	19.52		
5	256QAM	1	0	17.51	17.53	17.43		
5	256QAM	1	12	17.42	17.70	17.60	19	5
5	256QAM	1	24	17.36	17.54	17.32		
5	256QAM	12	0	17.48	17.49	17.59		
5	256QAM	12	7	17.51	17.44	17.45	19	5
5	256QAM	12	13	17.51	17.63	17.56		
5	256QAM	25	0	17.52	17.42	17.54		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.51	22.61	22.55		
3	QPSK	1	8	22.42	22.56	22.40	24	0
3	QPSK	1	14	22.49	22.48	22.43		
3	QPSK	8	0	21.46	21.51	21.52		
3	QPSK	8	4	21.50	21.50	21.42	23	1
3	QPSK	8	7	21.49	21.57	21.37		
3	QPSK	15	0	21.57	21.62	21.27		
3	16QAM	1	0	21.50	21.58	21.40		
3	16QAM	1	8	21.58	21.65	21.53	23	1
3	16QAM	1	14	21.49	21.58	21.45		
3	16QAM	8	0	20.42	20.60	20.52		
3	16QAM	8	4	20.57	20.64	20.39	22	2
3	16QAM	8	7	20.43	20.73	20.33		
3	16QAM	15	0	20.40	20.46	20.39		
3	64QAM	1	0	20.50	20.52	20.39		
3	64QAM	1	8	20.48	20.38	20.57	22	2
3	64QAM	1	14	20.63	20.44	20.43		
3	64QAM	8	0	19.41	19.55	19.56		
3	64QAM	8	4	19.35	19.55	19.43	21	3
3	64QAM	8	7	19.48	19.54	19.52		
3	64QAM	15	0	19.49	19.44	19.51		
3	256QAM	1	0	17.52	17.52	17.33		
3	256QAM	1	8	17.38	17.64	17.54	19	5
3	256QAM	1	14	17.35	17.50	17.28		
3	256QAM	8	0	17.40	17.44	17.54		
3	256QAM	8	4	17.51	17.49	17.39	19	5
3	256QAM	8	7	17.50	17.66	17.51		
3	256QAM	15	0	17.45	17.43	17.53		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.59	22.52	22.56		
1.4	QPSK	1	3	22.39	22.55	22.36		
1.4	QPSK	1	5	22.57	22.46	22.34	24	0
1.4	QPSK	3	0	22.42	22.48	22.42		
1.4	QPSK	3	1	22.31	22.38	22.33		
1.4	QPSK	3	3	22.50	22.39	22.20		
1.4	QPSK	6	0	21.52	21.63	21.37	23	1
1.4	16QAM	1	0	21.45	21.49	21.43		
1.4	16QAM	1	3	21.57	21.67	21.46		
1.4	16QAM	1	5	21.48	21.58	21.43	23	1
1.4	16QAM	3	0	21.37	21.33	21.27		
1.4	16QAM	3	1	21.48	21.57	21.41		
1.4	16QAM	3	3	21.38	21.56	21.29		
1.4	16QAM	6	0	20.38	20.55	20.41	22	2
1.4	64QAM	1	0	20.50	20.59	20.40		
1.4	64QAM	1	3	20.56	20.35	20.57		
1.4	64QAM	1	5	20.47	20.39	20.37	22	2
1.4	64QAM	3	0	20.47	20.56	20.28		
1.4	64QAM	3	1	20.47	20.33	20.42		
1.4	64QAM	3	3	20.37	20.21	20.21		
1.4	64QAM	6	0	19.48	19.46	19.47	21	3
1.4	256QAM	1	0	17.55	17.58	17.30		
1.4	256QAM	1	3	17.36	17.74	17.62		
1.4	256QAM	1	5	17.49	17.53	17.29	19	5
1.4	256QAM	3	0	17.46	17.45	17.62		
1.4	256QAM	3	1	17.40	17.42	17.39		
1.4	256QAM	3	3	17.48	17.58	17.62		
1.4	256QAM	6	0	17.55	17.51	17.50	19	5

GSM1900 Ant1	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	28.42	28.52	28.43	29.50	19.42	19.52	19.43	20.50
GPRS 1 Tx slot	28.39	28.49	28.36	29.50	19.39	19.49	19.36	20.50
GPRS 2 Tx slots	26.86	26.92	26.84	28.00	20.86	20.92	20.84	22.00
GPRS 3 Tx slots	25.39	25.39	25.36	26.50	21.13	21.13	21.10	22.24
GPRS 4 Tx slots	23.89	23.90	23.83	25.00	20.89	20.90	20.83	22.00
EDGE 1 Tx slot	23.15	23.23	22.99	24.00	14.15	14.23	13.99	15.00
EDGE 2 Tx slots	21.43	21.48	21.24	22.50	15.43	15.48	15.24	16.50
EDGE 3 Tx slots	19.61	19.70	19.36	20.50	15.35	15.44	15.10	16.24
EDGE 4 Tx slots	17.69	17.93	17.65	18.50	14.69	14.93	14.65	15.50

Band		WCDMA II Ant1			Tune-up Limit (dBm)	WCDMA IV Ant1			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	19.92	19.90	19.93	21.00	19.37	19.39	19.46	20.60
3GPP Rel 99	RMC 12.2Kbps	19.98	20.08	20.01	21.00	19.39	19.55	19.49	20.60
3GPP Rel 6	HSDPA Subtest-1	19.01	19.13	19.05	20.00	18.54	18.52	18.47	19.60
3GPP Rel 6	HSDPA Subtest-2	19.05	19.06	19.14	20.00	18.53	18.55	18.49	19.60
3GPP Rel 6	HSDPA Subtest-3	18.62	18.60	18.53	19.50	18.06	18.07	18.02	19.10
3GPP Rel 6	HSDPA Subtest-4	18.64	18.63	18.53	19.50	18.04	18.04	18.04	19.10
3GPP Rel 8	DC-HSDPA Subtest-1	19.06	19.02	19.10	20.00	18.55	18.50	18.55	19.60
3GPP Rel 8	DC-HSDPA Subtest-2	19.01	19.06	19.06	20.00	18.49	18.57	18.57	19.60
3GPP Rel 8	DC-HSDPA Subtest-3	18.56	18.65	18.51	19.50	18.06	18.08	17.97	19.10
3GPP Rel 8	DC-HSDPA Subtest-4	18.56	18.52	18.51	19.50	18.02	18.05	18.03	19.10
3GPP Rel 6	HSUPA Subtest-1	19.04	19.00	19.01	20.00	18.57	18.53	18.52	19.60
3GPP Rel 6	HSUPA Subtest-2	17.04	17.15	17.06	18.00	16.55	16.50	16.49	17.60
3GPP Rel 6	HSUPA Subtest-3	18.12	18.07	18.09	19.00	17.47	17.54	17.60	18.60
3GPP Rel 6	HSUPA Subtest-4	17.00	17.04	17.09	18.00	16.56	16.59	16.50	17.60
3GPP Rel 6	HSUPA Subtest-5	19.01	19.04	19.12	20.00	18.57	18.58	18.60	19.60
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.62	16.61	16.59	17.50	16.04	16.09	16.09	17.10

Band 2 Ant1

BW [MHz]	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	20.69	20.77	20.69		
20	QPSK	1	49	20.67	20.60	20.75	21.8	0
20	QPSK	1	99	20.67	20.73	20.61		
20	QPSK	50	0	20.61	20.74	20.62		
20	QPSK	50	24	20.61	20.68	20.69	21.8	0
20	QPSK	50	50	20.72	20.70	20.64		
20	QPSK	100	0	20.66	20.67	20.59		
20	16QAM	1	0	20.74	20.85	20.59		
20	16QAM	1	49	20.66	20.66	20.63	21.8	0
20	16QAM	1	99	20.62	20.62	20.65		
20	16QAM	50	0	20.63	20.68	20.71		
20	16QAM	50	24	20.61	20.62	20.70	21.8	0
20	16QAM	50	50	20.61	20.63	20.61		
20	16QAM	100	0	20.74	20.64	20.66		
20	64QAM	1	0	20.67	20.70	20.67		
20	64QAM	1	49	20.63	20.63	20.74	21.8	0
20	64QAM	1	99	20.66	20.83	20.59		
20	64QAM	50	0	20.66	20.65	20.61		
20	64QAM	50	24	20.64	20.69	20.70	21	0.8
20	64QAM	50	50	20.62	20.68	20.68		
20	64QAM	100	0	20.74	20.66	20.66		
20	256QAM	1	0	17.69	17.90	17.63		
20	256QAM	1	49	17.41	17.51	17.64	19	2.8
20	256QAM	1	99	17.64	17.74	17.57		
20	256QAM	50	0	17.49	17.68	17.39		
20	256QAM	50	24	17.55	17.52	17.56	19	2.8
20	256QAM	50	50	17.37	17.54	17.48		
20	256QAM	100	0	17.41	17.55	17.53		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.65	20.75	20.55		
15	QPSK	1	37	20.64	20.45	20.63	21.8	0
15	QPSK	1	74	20.55	20.63	20.52		
15	QPSK	36	0	20.55	20.64	20.47		
15	QPSK	36	20	20.50	20.57	20.59	21.8	0
15	QPSK	36	39	20.65	20.67	20.56		
15	QPSK	75	0	20.58	20.61	20.57		
15	16QAM	1	0	20.60	20.50	20.55		
15	16QAM	1	37	20.53	20.57	20.54	21.8	0
15	16QAM	1	74	20.58	20.48	20.48		
15	16QAM	36	0	20.53	20.66	20.57		
15	16QAM	36	20	20.52	20.56	20.62	21.8	0
15	16QAM	36	39	20.54	20.49	20.54		
15	16QAM	75	0	20.66	20.57	20.56		
15	64QAM	1	0	20.62	20.53	20.60		
15	64QAM	1	37	20.55	20.53	20.58	21.8	0
15	64QAM	1	74	20.55	20.57	20.56		
15	64QAM	36	0	20.58	20.62	20.54		
15	64QAM	36	20	20.49	20.66	20.60	21	0.8
15	64QAM	36	39	20.44	20.60	20.63		
15	64QAM	75	0	20.70	20.50	20.50		
15	256QAM	1	0	17.63	17.85	17.61		
15	256QAM	1	37	17.49	17.54	17.63	19	2.8
15	256QAM	1	74	17.58	17.69	17.49		
15	256QAM	36	0	17.43	17.70	17.48		
15	256QAM	36	20	17.54	17.56	17.59	19	2.8
15	256QAM	36	39	17.47	17.59	17.54		
15	256QAM	75	0	17.43	17.63	17.47		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.57	20.65	20.56		
10	QPSK	1	25	20.51	20.46	20.62	21.8	0
10	QPSK	1	49	20.61	20.56	20.58		
10	QPSK	25	0	20.51	20.56	20.46		
10	QPSK	25	12	20.56	20.53	20.66	21.8	0
10	QPSK	25	25	20.70	20.62	20.58		
10	QPSK	50	0	20.58	20.56	20.54		
10	16QAM	1	0	20.71	20.49	20.43		
10	16QAM	1	25	20.56	20.55	20.46	21.8	0
10	16QAM	1	49	20.60	20.46	20.50		
10	16QAM	25	0	20.58	20.59	20.63		
10	16QAM	25	12	20.43	20.46	20.65	21.8	0
10	16QAM	25	25	20.50	20.51	20.55		
10	16QAM	50	0	20.60	20.54	20.50		
10	64QAM	1	0	20.58	20.64	20.58		
10	64QAM	1	25	20.59	20.46	20.59	21.8	0
10	64QAM	1	49	20.49	20.47	20.53		
10	64QAM	25	0	20.50	20.51	20.51		
10	64QAM	25	12	20.53	20.61	20.52	21	0.8
10	64QAM	25	25	20.53	20.62	20.60		
10	64QAM	50	0	20.66	20.56	20.52		
10	256QAM	1	0	17.57	17.82	17.56		
10	256QAM	1	25	17.44	17.44	17.68	19	2.8
10	256QAM	1	49	17.57	17.64	17.58		
10	256QAM	25	0	17.53	17.61	17.50		
10	256QAM	25	12	17.49	17.55	17.66	19	2.8
10	256QAM	25	25	17.36	17.48	17.59		
10	256QAM	50	0	17.46	17.70	17.50		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.63	20.63	20.65		
5	QPSK	1	12	20.56	20.55	20.65	21.8	0
5	QPSK	1	24	20.51	20.70	20.57		
5	QPSK	12	0	20.52	20.57	20.54		
5	QPSK	12	7	20.51	20.56	20.52	21.8	0
5	QPSK	12	13	20.58	20.65	20.57		
5	QPSK	25	0	20.63	20.58	20.47		
5	16QAM	1	0	20.61	20.57	20.43		
5	16QAM	1	12	20.60	20.55	20.51	21.8	0
5	16QAM	1	24	20.53	20.51	20.48		
5	16QAM	12	0	20.58	20.59	20.64		
5	16QAM	12	7	20.49	20.48	20.68	21.8	0
5	16QAM	12	13	20.49	20.60	20.46		
5	16QAM	25	0	20.68	20.62	20.48		
5	64QAM	1	0	20.49	20.62	20.52		
5	64QAM	1	12	20.54	20.52	20.72	21.8	0
5	64QAM	1	24	20.51	20.51	20.47		
5	64QAM	12	0	20.57	20.49	20.53		
5	64QAM	12	7	20.58	20.58	20.56	21	0.8
5	64QAM	12	13	20.60	20.51	20.58		
5	64QAM	25	0	20.64	20.59	20.57		
5	256QAM	1	0	17.60	17.84	17.65		
5	256QAM	1	12	17.53	17.51	17.62	19	2.8
5	256QAM	1	24	17.59	17.75	17.53		
5	256QAM	12	0	17.45	17.63	17.39		
5	256QAM	12	7	17.50	17.55	17.55	19	2.8
5	256QAM	12	13	17.42	17.55	17.52		
5	256QAM	25	0	17.44	17.69	17.53		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.59	20.62	20.64		
3	QPSK	1	8	20.58	20.55	20.61	21.8	0
3	QPSK	1	14	20.64	20.71	20.58		
3	QPSK	8	0	20.47	20.67	20.49		
3	QPSK	8	4	20.44	20.51	20.52	21.8	0
3	QPSK	8	7	20.61	20.64	20.50		
3	QPSK	15	0	20.52	20.63	20.49		
3	16QAM	1	0	20.58	20.50	20.46		
3	16QAM	1	8	20.61	20.51	20.55	21.8	0
3	16QAM	1	14	20.53	20.47	20.57		
3	16QAM	8	0	20.55	20.63	20.56		
3	16QAM	8	4	20.53	20.58	20.67	21.8	0
3	16QAM	8	7	20.47	20.61	20.44		
3	16QAM	15	0	20.63	20.49	20.63		
3	64QAM	1	0	20.59	20.65	20.55		
3	64QAM	1	8	20.59	20.55	20.66	21.8	0
3	64QAM	1	14	20.52	20.56	20.45		
3	64QAM	8	0	20.57	20.53	20.59		
3	64QAM	8	4	20.53	20.65	20.52	21	0.8
3	64QAM	8	7	20.47	20.60	20.64		
3	64QAM	15	0	20.69	20.58	20.64		
3	256QAM	1	0	17.71	17.80	17.70		
3	256QAM	1	8	17.39	17.50	17.58	19	2.8
3	256QAM	1	14	17.59	17.74	17.52		
3	256QAM	8	0	17.52	17.61	17.40		
3	256QAM	8	4	17.53	17.52	17.66	19	2.8
3	256QAM	8	7	17.35	17.53	17.61		
3	256QAM	15	0	17.47	17.67	17.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.60	20.73	20.62		
1.4	QPSK	1	3	20.65	20.51	20.67		
1.4	QPSK	1	5	20.60	20.59	20.49	21.8	0
1.4	QPSK	3	0	20.58	20.56	20.47		
1.4	QPSK	3	1	20.52	20.64	20.55		
1.4	QPSK	3	3	20.64	20.64	20.46		
1.4	QPSK	6	0	20.60	20.51	20.57	21.8	0
1.4	16QAM	1	0	20.67	20.59	20.45		
1.4	16QAM	1	3	20.51	20.83	20.47		
1.4	16QAM	1	5	20.56	20.53	20.58	21.8	0
1.4	16QAM	3	0	20.48	20.53	20.64		
1.4	16QAM	3	1	20.46	20.55	20.53		
1.4	16QAM	3	3	20.59	20.61	20.51		
1.4	16QAM	6	0	20.59	20.49	20.55	21.8	0
1.4	64QAM	1	0	20.49	20.58	20.64		
1.4	64QAM	1	3	20.45	20.53	20.63		
1.4	64QAM	1	5	20.52	20.46	20.52	21.8	0
1.4	64QAM	3	0	20.55	20.60	20.44		
1.4	64QAM	3	1	20.57	20.67	20.59		
1.4	64QAM	3	3	20.48	20.52	20.59		
1.4	64QAM	6	0	20.65	20.53	20.63	21	0.8
1.4	256QAM	1	0	17.65	17.79	17.67		
1.4	256QAM	1	3	17.55	17.42	17.70		
1.4	256QAM	1	5	17.59	17.72	17.46	19	2.8
1.4	256QAM	3	0	17.47	17.60	17.49		
1.4	256QAM	3	1	17.44	17.61	17.64		
1.4	256QAM	3	3	17.46	17.63	17.62		
1.4	256QAM	6	0	17.47	17.68	17.51	19	2.8

Band 4 Ant1

BW [MHz]	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	19.56	19.61	19.51		
20	QPSK	1	49	19.49	19.59	19.58	20.6	0
20	QPSK	1	99	19.51	19.52	19.50		
20	QPSK	50	0	19.56	19.60	19.47		
20	QPSK	50	24	19.53	19.49	19.54	20.6	0
20	QPSK	50	50	19.48	19.54	19.52		
20	QPSK	100	0	19.53	19.59	19.58		
20	16QAM	1	0	19.55	19.55	19.60		
20	16QAM	1	49	19.48	19.56	19.51	20.6	0
20	16QAM	1	99	19.56	19.47	19.53		
20	16QAM	50	0	19.49	19.58	19.54		
20	16QAM	50	24	19.54	19.48	19.52	20.6	0
20	16QAM	50	50	19.52	19.48	19.50		
20	16QAM	100	0	19.50	19.53	19.55		
20	64QAM	1	0	19.48	19.48	19.50		
20	64QAM	1	49	19.49	19.59	19.48	20.6	0
20	64QAM	1	99	19.60	19.48	19.48		
20	64QAM	50	0	19.52	19.51	19.46		
20	64QAM	50	24	19.57	19.52	19.55	20.6	0
20	64QAM	50	50	19.53	19.49	19.50		
20	64QAM	100	0	19.60	19.59	19.49		
20	256QAM	1	0	17.94	17.95	17.94		
20	256QAM	1	49	17.85	18.06	17.94	19	1.6
20	256QAM	1	99	17.98	17.90	17.97		
20	256QAM	50	0	17.88	18.07	17.90		
20	256QAM	50	24	18.00	17.81	17.94	19	1.6
20	256QAM	50	50	17.92	17.97	17.86		
20	256QAM	100	0	17.92	17.95	18.02		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.47	19.49	19.49		
15	QPSK	1	37	19.46	19.50	19.48	20.6	0
15	QPSK	1	74	19.48	19.45	19.46		
15	QPSK	36	0	19.43	19.51	19.37		
15	QPSK	36	20	19.38	19.31	19.43	20.6	0
15	QPSK	36	39	19.45	19.50	19.42		
15	QPSK	75	0	19.44	19.43	19.46		
15	16QAM	1	0	19.49	19.49	19.43		
15	16QAM	1	37	19.42	19.47	19.46	20.6	0
15	16QAM	1	74	19.43	19.38	19.37		
15	16QAM	36	0	19.35	19.45	19.51		
15	16QAM	36	20	19.51	19.31	19.37	20.6	0
15	16QAM	36	39	19.37	19.40	19.33		
15	16QAM	75	0	19.33	19.45	19.41		
15	64QAM	1	0	19.38	19.44	19.37		
15	64QAM	1	37	19.43	19.43	19.40	20.6	0
15	64QAM	1	74	19.44	19.43	19.34		
15	64QAM	36	0	19.36	19.49	19.31		
15	64QAM	36	20	19.40	19.57	19.44	20.6	0
15	64QAM	36	39	19.50	19.32	19.47		
15	64QAM	75	0	19.49	19.56	19.40		
15	256QAM	1	0	17.88	17.93	17.93		
15	256QAM	1	37	17.83	18.06	17.87	19	1.6
15	256QAM	1	74	17.88	17.93	17.96		
15	256QAM	36	0	17.97	18.07	17.87		
15	256QAM	36	20	17.98	17.93	17.87	19	1.6
15	256QAM	36	39	17.90	17.90	17.91		
15	256QAM	75	0	17.88	17.91	18.00		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.53	19.50	19.37		
10	QPSK	1	25	19.31	19.47	19.53	20.6	0
10	QPSK	1	49	19.44	19.37	19.48		
10	QPSK	25	0	19.44	19.52	19.34		
10	QPSK	25	12	19.39	19.45	19.43	20.6	0
10	QPSK	25	25	19.44	19.48	19.40		
10	QPSK	50	0	19.46	19.57	19.48		
10	16QAM	1	0	19.49	19.39	19.45		
10	16QAM	1	25	19.38	19.47	19.46	20.6	0
10	16QAM	1	49	19.45	19.31	19.39		
10	16QAM	25	0	19.44	19.53	19.51		
10	16QAM	25	12	19.36	19.41	19.42	20.6	0
10	16QAM	25	25	19.48	19.39	19.41		
10	16QAM	50	0	19.42	19.47	19.40		
10	64QAM	1	0	19.30	19.44	19.37		
10	64QAM	1	25	19.43	19.42	19.39	20.6	0
10	64QAM	1	49	19.46	19.33	19.34		
10	64QAM	25	0	19.47	19.57	19.43		
10	64QAM	25	12	19.53	19.54	19.41	20.6	0
10	64QAM	25	25	19.36	19.34	19.43		
10	64QAM	50	0	19.52	19.51	19.39		
10	256QAM	1	0	17.93	18.03	17.98		
10	256QAM	1	25	17.88	18.00	17.98	19	1.6
10	256QAM	1	49	17.92	17.91	17.93		
10	256QAM	25	0	17.93	17.99	17.94		
10	256QAM	25	12	17.88	17.81	17.95	19	1.6
10	256QAM	25	25	17.82	17.95	17.87		
10	256QAM	50	0	17.99	17.96	17.99		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.39	19.53	19.47		
5	QPSK	1	12	19.32	19.56	19.54	20.6	0
5	QPSK	1	24	19.48	19.37	19.39		
5	QPSK	12	0	19.39	19.56	19.30		
5	QPSK	12	7	19.41	19.32	19.37	20.6	0
5	QPSK	12	13	19.46	19.43	19.35		
5	QPSK	25	0	19.48	19.44	19.42		
5	16QAM	1	0	19.51	19.48	19.48		
5	16QAM	1	12	19.36	19.51	19.41	20.6	0
5	16QAM	1	24	19.44	19.42	19.40		
5	16QAM	12	0	19.44	19.50	19.50		
5	16QAM	12	7	19.45	19.41	19.49	20.6	0
5	16QAM	12	13	19.49	19.42	19.33		
5	16QAM	25	0	19.33	19.50	19.47		
5	64QAM	1	0	19.40	19.35	19.47		
5	64QAM	1	12	19.40	19.45	19.42	20.6	0
5	64QAM	1	24	19.49	19.35	19.31		
5	64QAM	12	0	19.40	19.55	19.32		
5	64QAM	12	7	19.51	19.51	19.41	20.6	0
5	64QAM	12	13	19.46	19.38	19.41		
5	64QAM	25	0	19.54	19.52	19.31		
5	256QAM	1	0	17.91	17.98	17.92		
5	256QAM	1	12	17.91	17.92	17.90	19	1.6
5	256QAM	1	24	17.93	17.91	17.88		
5	256QAM	12	0	17.97	17.96	17.91		
5	256QAM	12	7	17.95	17.96	17.95	19	1.6
5	256QAM	12	13	17.86	17.98	17.97		
5	256QAM	25	0	17.90	17.93	18.00		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.44	19.47	19.36		
3	QPSK	1	8	19.45	19.54	19.50	20.6	0
3	QPSK	1	14	19.56	19.42	19.46		
3	QPSK	8	0	19.53	19.55	19.43		
3	QPSK	8	4	19.44	19.38	19.38	20.6	0
3	QPSK	8	7	19.43	19.44	19.35		
3	QPSK	15	0	19.43	19.44	19.53		
3	16QAM	1	0	19.37	19.50	19.49		
3	16QAM	1	8	19.38	19.41	19.48	20.6	0
3	16QAM	1	14	19.42	19.34	19.41		
3	16QAM	8	0	19.34	19.52	19.39		
3	16QAM	8	4	19.39	19.34	19.49	20.6	0
3	16QAM	8	7	19.37	19.40	19.32		
3	16QAM	15	0	19.42	19.42	19.42		
3	64QAM	1	0	19.44	19.33	19.41		
3	64QAM	1	8	19.37	19.46	19.42	20.6	0
3	64QAM	1	14	19.56	19.37	19.41		
3	64QAM	8	0	19.47	19.46	19.38		
3	64QAM	8	4	19.41	19.51	19.53	20.6	0
3	64QAM	8	7	19.42	19.35	19.42		
3	64QAM	15	0	19.56	19.47	19.47		
3	256QAM	1	0	17.99	18.01	17.95		
3	256QAM	1	8	17.93	18.04	18.00	19	1.6
3	256QAM	1	14	17.92	17.88	17.95		
3	256QAM	8	0	18.02	18.01	17.84		
3	256QAM	8	4	17.91	17.96	17.92	19	1.6
3	256QAM	8	7	17.86	17.95	17.93		
3	256QAM	15	0	17.91	18.03	17.91		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.47	19.47	19.37		
1.4	QPSK	1	3	19.36	19.42	19.48		
1.4	QPSK	1	5	19.51	19.45	19.32	20.6	0
1.4	QPSK	3	0	19.51	19.53	19.37		
1.4	QPSK	3	1	19.37	19.34	19.48		
1.4	QPSK	3	3	19.33	19.38	19.35		
1.4	QPSK	6	0	19.49	19.57	19.56	20.6	0
1.4	16QAM	1	0	19.47	19.45	19.48		
1.4	16QAM	1	3	19.39	19.53	19.33		
1.4	16QAM	1	5	19.50	19.35	19.38	20.6	0
1.4	16QAM	3	0	19.38	19.47	19.46		
1.4	16QAM	3	1	19.37	19.41	19.49		
1.4	16QAM	3	3	19.40	19.41	19.43		
1.4	16QAM	6	0	19.46	19.48	19.52	20.6	0
1.4	64QAM	1	0	19.30	19.41	19.42		
1.4	64QAM	1	3	19.40	19.51	19.44		
1.4	64QAM	1	5	19.55	19.41	19.43	20.6	0
1.4	64QAM	3	0	19.38	19.51	19.34		
1.4	64QAM	3	1	19.44	19.56	19.50		
1.4	64QAM	3	3	19.36	19.32	19.37		
1.4	64QAM	6	0	19.45	19.48	19.40	20.6	0
1.4	256QAM	1	0	17.91	18.03	17.91		
1.4	256QAM	1	3	17.97	18.06	18.05		
1.4	256QAM	1	5	17.90	17.91	17.83	19	1.6
1.4	256QAM	3	0	17.88	17.97	17.95		
1.4	256QAM	3	1	17.99	17.90	17.94		
1.4	256QAM	3	3	17.80	17.96	17.93		
1.4	256QAM	6	0	17.88	17.92	17.94	19	1.6

Band 7 Ant1

BW [MHz]	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	18.31	18.56	18.32		
20	QPSK	1	49	18.39	18.36	18.49	19.6	0
20	QPSK	1	99	18.45	18.45	18.43		
20	QPSK	50	0	18.43	18.52	18.36		
20	QPSK	50	24	18.40	18.38	18.41	19.6	0
20	QPSK	50	50	18.44	18.37	18.43		
20	QPSK	100	0	18.30	18.37	18.36		
20	16QAM	1	0	18.44	18.49	18.45		
20	16QAM	1	49	18.43	18.42	18.34

Band 25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.58	20.83	20.64	21.8	0
20	QPSK	1	49	20.52	20.46	20.65		
20	QPSK	1	99	20.55	20.60	20.45		
20	QPSK	50	0	20.51	20.65	20.45		
20	QPSK	50	24	20.55	20.61	20.60	21.8	0
20	QPSK	50	50	20.54	20.59	20.52		
20	QPSK	100	0	20.60	20.63	20.50		
20	16QAM	1	0	20.70	20.62	20.47		
20	16QAM	1	49	20.51	20.55	20.47	21.8	0
20	16QAM	1	99	20.46	20.53	20.59		
20	16QAM	50	0	20.48	20.56	20.63		
20	16QAM	50	24	20.54	20.50	20.61	21.8	0
20	16QAM	50	50	20.53	20.59	20.58		
20	16QAM	100	0	20.70	20.56	20.59		
20	64QAM	1	0	20.63	20.62	20.50		
20	64QAM	1	49	20.50	20.61	20.69	21.8	0
20	64QAM	1	99	20.51	20.46	20.52		
20	64QAM	50	0	20.61	20.55	20.55		
20	64QAM	50	24	20.59	20.64	20.56	21	0.8
20	64QAM	50	50	20.55	20.54	20.63		
20	64QAM	100	0	20.69	20.62	20.51		
20	256QAM	1	0	17.83	18.10	17.79		
20	256QAM	1	49	17.65	17.62	17.89	19	2.8
20	256QAM	1	99	17.81	17.84	17.65		
20	256QAM	50	0	17.68	17.89	17.63		
20	256QAM	50	24	17.70	17.76	17.82	19	2.8
20	256QAM	50	50	17.66	17.74	17.70		
20	256QAM	100	0	17.67	17.76	17.73		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.55	20.73	20.60		
15	QPSK	1	37	20.42	20.29	20.58	21.8	0
15	QPSK	1	74	20.40	20.49	20.35		
15	QPSK	36	0	20.34	20.58	20.40		
15	QPSK	36	20	20.44	20.57	20.43	21.8	0
15	QPSK	36	39	20.47	20.47	20.46		
15	QPSK	75	0	20.48	20.58	20.47		
15	16QAM	1	0	20.55	20.49	20.44		
15	16QAM	1	37	20.33	20.41	20.44	21.8	0
15	16QAM	1	74	20.35	20.44	20.44		
15	16QAM	36	0	20.40	20.41	20.57		
15	16QAM	36	20	20.52	20.47	20.51	21.8	0
15	16QAM	36	39	20.42	20.53	20.55		
15	16QAM	75	0	20.64	20.46	20.45		
15	64QAM	1	0	20.49	20.41	20.44		
15	64QAM	1	37	20.41	20.46	20.58	21.8	0
15	64QAM	1	74	20.44	20.32	20.48		
15	64QAM	36	0	20.52	20.40	20.39		
15	64QAM	36	20	20.52	20.50	20.48	21	0.8
15	64QAM	36	39	20.43	20.45	20.52		
15	64QAM	75	0	20.62	20.46	20.39		
15	256QAM	1	0	17.71	17.95	17.70		
15	256QAM	1	37	17.61	17.57	17.75	19	2.8
15	256QAM	1	74	17.63	17.71	17.63		
15	256QAM	36	0	17.60	17.86	17.45		
15	256QAM	36	20	17.56	17.69	17.71	19	2.8
15	256QAM	36	39	17.52	17.60	17.62		
15	256QAM	75	0	17.54	17.59	17.56		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.40	20.80	20.48	21.8	0
10	QPSK	1	25	20.45	20.38	20.63		
10	QPSK	1	49	20.43	20.53	20.40		
10	QPSK	25	0	20.47	20.50	20.42		
10	QPSK	25	12	20.47	20.52	20.57	21.8	0
10	QPSK	25	25	20.38	20.43	20.42		
10	QPSK	50	0	20.45	20.45	20.32		
10	16QAM	1	0	20.64	20.58	20.30		
10	16QAM	1	25	20.34	20.40	20.41	21.8	0
10	16QAM	1	49	20.40	20.44	20.46		
10	16QAM	25	0	20.40	20.51	20.55		
10	16QAM	25	12	20.45	20.41	20.47	21.8	0
10	16QAM	25	25	20.38	20.51	20.55		
10	16QAM	50	0	20.67	20.40	20.49		
10	64QAM	1	0	20.45	20.45	20.43		
10	64QAM	1	25	20.40	20.48	20.58	21.8	0
10	64QAM	1	49	20.41	20.38	20.48		
10	64QAM	25	0	20.51	20.44	20.48		
10	64QAM	25	12	20.43	20.52	20.45	21	0.8
10	64QAM	25	25	20.38	20.37	20.49		
10	64QAM	50	0	20.62	20.56	20.44		
10	256QAM	1	0	17.65	18.00	17.69		
10	256QAM	1	25	17.58	17.58	17.82	19	2.8
10	256QAM	1	49	17.63	17.80	17.51		
10	256QAM	25	0	17.63	17.75	17.51		
10	256QAM	25	12	17.55	17.59	17.70	19	2.8
10	256QAM	25	25	17.54	17.65	17.54		
10	256QAM	50	0	17.58	17.62	17.60		
Channel				26065	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.49	20.77	20.48		
5	QPSK	1	12	20.48	20.32	20.49	21.8	0
5	QPSK	1	24	20.42	20.52	20.34		
5	QPSK	12	0	20.44	20.53	20.42		
5	QPSK	12	7	20.52	20.50	20.49	21.8	0
5	QPSK	12	13	20.42	20.42	20.49		
5	QPSK	25	0	20.58	20.52	20.37		
5	16QAM	1	0	20.53	20.47	20.38		
5	16QAM	1	12	20.46	20.45	20.30	21.8	0
5	16QAM	1	24	20.42	20.36	20.42		
5	16QAM	12	0	20.33	20.46	20.54		
5	16QAM	12	7	20.50	20.39	20.56	21.8	0
5	16QAM	12	13	20.41	20.52	20.41		
5	16QAM	25	0	20.54	20.45	20.41		
5	64QAM	1	0	20.52	20.39	20.39		
5	64QAM	1	12	20.45	20.46	20.64	21.8	0
5	64QAM	1	24	20.39	20.29	20.37		
5	64QAM	12	0	20.58	20.41	20.45		
5	64QAM	12	7	20.50	20.57	20.47	21	0.8
5	64QAM	12	13	20.44	20.42	20.56		
5	64QAM	25	0	20.58	20.47	20.40		
5	256QAM	1	0	17.80	17.93	17.76		
5	256QAM	1	12	17.59	17.44	17.75	19	2.8
5	256QAM	1	24	17.68	17.67	17.54		
5	256QAM	12	0	17.62	17.81	17.48		
5	256QAM	12	7	17.63	17.64	17.64	19	2.8
5	256QAM	12	13	17.55	17.70	17.61		
5	256QAM	25	0	17.55	17.66	17.59		
Channel				26025	26340	26815	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.44	20.79	20.47		
3	QPSK	1	8	20.48	20.43	20.61	21.8	0
3	QPSK	1	14	20.50	20.47	20.39		
3	QPSK	8	0	20.39	20.51	20.30		
3	QPSK	8	4	20.43	20.57	20.53	21.8	0
3	QPSK	8	7	20.48	20.42	20.39		
3	QPSK	15	0	20.50	20.59	20.36		
3	16QAM	1	0	20.65	20.53	20.38		
3	16QAM	1	8	20.42	20.45	20.36	21.8	0
3	16QAM	1	14	20.42	20.50	20.55		
3	16QAM	8	0	20.30	20.51	20.47		
3	16QAM	8	4	20.42	20.38	20.55	21.8	0
3	16QAM	8	7	20.43	20.42	20.43		
3	16QAM	15	0	20.57	20.47	20.53		
3	64QAM	1	0	20.46	20.46	20.45		
3	64QAM	1	8	20.41	20.51	20.52	21.8	0
3	64QAM	1	14	20.48	20.32	20.36		
3	64QAM	8	0	20.48	20.43	20.40		
3	64QAM	8	4	20.51	20.49	20.43	21	0.8
3	64QAM	8	7	20.39	20.42	20.51		
3	64QAM	15	0	20.64	20.47	20.38		
3	256QAM	1	0	17.75	17.90	17.69		
3	256QAM	1	8	17.53	17.57	17.80	19	2.8
3	256QAM	1	14	17.75	17.76	17.58		
3	256QAM	8	0	17.65	17.72	17.46		
3	256QAM	8	4	17.59	17.68	17.78	19	2.8
3	256QAM	8	7	17.56	17.67	17.62		
3	256QAM	15	0	17.60	17.63	17.57		
Channel				26047	26340	26883	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.51	20.68	20.60		
1.4	QPSK	1	3	20.45	20.34	20.59		
1.4	QPSK	1	5	20.43	20.54	20.40	21.8	0
1.4	QPSK	3	0	20.43	20.59	20.35		
1.4	QPSK	3	1	20.39	20.55	20.48		
1.4	QPSK	3	3	20.44	20.45	20.46		
1.4	QPSK	6	0	20.50	20.48	20.44	21.8	0
1.4	16QAM	1	0	20.54	20.59	20.43		
1.4	16QAM	1	3	20.48	20.47	20.38		
1.4	16QAM	1	5	20.39	20.51	20.41	21.8	0
1.4	16QAM	3	0	20.32	20.49	20.48		
1.4	16QAM	3	1	20.52	20.37	20.49		
1.4	16QAM	3	3	20.47	20.56	20.54		
1.4	16QAM	6	0	20.64	20.46	20.54	21.8	0
1.4	64QAM	1	0	20.54	20.49	20.47		
1.4	64QAM	1	3	20.48	20.47	20.60		
1.4	64QAM	1	5	20.39	20.33	20.45	21.8	0
1.4	64QAM	3	0	20.48	20.43	20.49		
1.4	64QAM	3	1	20.52	20.61	20.51		
1.4	64QAM	3	3	20.53	20.51	20.49		
1.4	64QAM	6	0	20.54	20.58	20.37	21	0.8
1.4	256QAM	1	0	17.74	17.96	17.74		
1.4	256QAM	1	3	17.57	17.57	17.76		
1.4	256QAM	1	5	17.71	17.81	17.62	19	2.8
1.4	256QAM	3	0	17.55	17.78	17.55		
1.4	256QAM	3	1	17.57	17.70	17.72		
1.4	256QAM	3	3	17.51	17.65	17.64		
1.4	256QAM	6	0	17.54	17.72	17.60	19	2.8

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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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.45	19.64	19.48	20.6	0
20	QPSK	1	49	19.36	19.46	19.53		
20	QPSK	1	99	19.41	19.35	19.35		
20	QPSK	50	0	19.41	19.57	19.35		
20	QPSK	50	24	19.36	19.42	19.41		
20	QPSK	50	50	19.38	19.43	19.39		
20	QPSK	100	0	19.38	19.53	19.50		
20	16QAM	1	0	19.37	19.37	19.58		
20	16QAM	1	49	19.31	19.40	19.43		
20	16QAM	1	99	19.40	19.36	19.47		
20	16QAM	50	0	19.40	19.55	19.48		
20	16QAM	50	24	19.42	19.40	19.47		
20	16QAM	50	50	19.40	19.45	19.41		
20	16QAM	100	0	19.45	19.41	19.45		
20	64QAM	1	0	19.36	19.39	19.45		
20	64QAM	1	49	19.33	19.49	19.43		
20	64QAM	1	99	19.51	19.45	19.38		
20	64QAM	50	0	19.44	19.38	19.39		
20	64QAM	50	24	19.41	19.46	19.44		
20	64QAM	50	50	19.41	19.38	19.46		
20	64QAM	100	0	19.56	19.54	19.44		
20	256QAM	1	0	17.85	18.01	17.95		
20	256QAM	1	49	17.72	17.91	17.88		
20	256QAM	1	99	17.78	17.69	17.75		
20	256QAM	50	0	17.79	17.97	17.83		
20	256QAM	50	24	17.82	17.79	17.78		
20	256QAM	50	50	17.85	17.88	17.73		
20	256QAM	100	0	17.82	18.01	17.93		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.32	19.51	19.37		
15	QPSK	1	37	19.31	19.40	19.50	20.6	0
15	QPSK	1	74	19.32	19.31	19.23		
15	QPSK	36	0	19.31	19.41	19.30		
15	QPSK	36	20	19.26	19.34	19.36	20.6	0
15	QPSK	36	39	19.23	19.38	19.34		
15	QPSK	75	0	19.29	19.46	19.41		
15	16QAM	1	0	19.35	19.23	19.55		
15	16QAM	1	37	19.28	19.37	19.34	20.6	0
15	16QAM	1	74	19.25	19.34	19.42		
15	16QAM	36	0	19.34	19.47	19.33		
15	16QAM	36	20	19.30	19.37	19.39	20.6	0
15	16QAM	36	39	19.24	19.30	19.29		
15	16QAM	75	0	19.28	19.35	19.32		
15	64QAM	1	0	19.34	19.35	19.34		
15	64QAM	1	37	19.28	19.34	19.26	20.6	0
15	64QAM	1	74	19.33	19.28	19.27		
15	64QAM	36	0	19.38	19.30	19.25		
15	64QAM	36	20	19.23	19.37	19.32	20.6	0
15	64QAM	36	39	19.31	19.25	19.42		
15	64QAM	75	0	19.51	19.42	19.29		
15	256QAM	1	0	17.92	17.99	17.95		
15	256QAM	1	37	17.69	17.79	18.00	19	1.6
15	256QAM	1	74	17.85	17.81	17.71		
15	256QAM	36	0	17.87	18.04	17.72		
15	256QAM	36	20	17.81	17.83	17.73	19	1.6
15	256QAM	36	39	17.80	17.84	17.83		
15	256QAM	75	0	17.71	17.99	17.96		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.32	19.52	19.35	20.6	0
10	QPSK	1	25	19.28	19.31	19.43		
10	QPSK	1	49	19.31	19.20	19.22		
10	QPSK	25	0	19.32	19.48	19.33		
10	QPSK	25	12	19.19	19.39	19.32	20.6	0
10	QPSK	25	25	19.22	19.38	19.35		
10	QPSK	50	0	19.27	19.50	19.40		
10	16QAM	1	0	19.19	19.20	19.40		
10	16QAM	1	25	19.17	19.25	19.39	20.6	0
10	16QAM	1	49	19.33	19.27	19.34		
10	16QAM	25	0	19.26	19.46	19.43		
10	16QAM	25	12	19.28	19.23	19.43	20.6	0
10	16QAM	25	25	19.29	19.28	19.33		
10	16QAM	50	0	19.31	19.27	19.42		
10	64QAM	1	0	19.21	19.36	19.37		
10	64QAM	1	25	19.17	19.41	19.40	20.6	0
10	64QAM	1	49	19.48	19.41	19.27		
10	64QAM	25	0	19.32	19.33	19.31		
10	64QAM	25	12	19.27	19.38	19.26	20.6	0
10	64QAM	25	25	19.32	19.35	19.32		
10	64QAM	50	0	19.38	19.42	19.38		
10	256QAM	1	0	17.92	17.96	17.80		
10	256QAM	1	25	17.70	17.80	17.90	19	1.6
10	256QAM	1	49	17.75	17.76	17.71		
10	256QAM	25	0	17.85	17.95	17.82		
10	256QAM	25	12	17.81	17.80	17.77	19	1.6
10	256QAM	25	25	17.82	17.80	17.80		
10	256QAM	50	0	17.71	18.00	17.88		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.31	19.54	19.44	20.6	0
5	QPSK	1	12	19.25	19.42	19.40		
5	QPSK	1	24	19.33	19.22	19.31		
5	QPSK	12	0	19.26	19.52	19.31	20.6	0
5	QPSK	12	7	19.28	19.24	19.29		
5	QPSK	12	13	19.30	19.38	19.28		
5	QPSK	25	0	19.32	19.39	19.43		
5	16QAM	1	0	19.33	19.31	19.55		
5	16QAM	1	12	19.23	19.24	19.28	20.6	0
5	16QAM	1	24	19.33	19.30	19.39		
5	16QAM	12	0	19.35	19.46	19.34		
5	16QAM	12	7	19.35	19.25	19.33	20.6	0
5	16QAM	12	13	19.38	19.29	19.38		
5	16QAM	25	0	19.31	19.29	19.38		
5	64QAM	1	0	19.23	19.33	19.32		
5	64QAM	1	12	19.22	19.41	19.29	20.6	0
5	64QAM	1	24	19.34	19.28	19.33		
5	64QAM	12	0	19.34	19.32	19.24		
5	64QAM	12	7	19.24	19.44	19.30	20.6	0
5	64QAM	12	13	19.25	19.31	19.36		
5	64QAM	25	0	19.45	19.43	19.36		
5	256QAM	1	0	17.86	18.05	17.96		
5	256QAM	1	12	17.74	17.87	18.00	19	1.6
5	256QAM	1	24	17.81	17.73	17.72		
5	256QAM	12	0	17.79	17.99	17.87	19	1.6
5	256QAM	12	7	17.75	17.76	17.75		
5	256QAM	12	13	17.85	17.87	17.74		
5	256QAM	25	0	17.85	17.94	17.84		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.35	19.56	19.39	20.6	0
3	QPSK	1	8	19.30	19.38	19.48		
3	QPSK	1	14	19.35	19.26	19.18		
3	QPSK	8	0	19.30	19.43	19.19	20.6	0
3	QPSK	8	4	19.27	19.28	19.24		
3	QPSK	8	7	19.27	19.33	19.34		
3	QPSK	15	0	19.21	19.39	19.48		
3	16QAM	1	0	19.35	19.29	19.44		
3	16QAM	1	8	19.26	19.25	19.32	20.6	0
3	16QAM	1	14	19.34	19.25	19.40		
3	16QAM	8	0	19.24	19.46	19.34	20.6	0
3	16QAM	8	4	19.33	19.30	19.39		
3	16QAM	8	7	19.23	19.40	19.35		
3	16QAM	15	0	19.33	19.28	19.30		
3	64QAM	1	0	19.19	19.23	19.40		
3	64QAM	1	8	19.20	19.34	19.36	20.6	0
3	64QAM	1	14	19.47	19.33	19.29		
3	64QAM	8	0	19.31	19.25	19.37	20.6	0
3	64QAM	8	4	19.31	19.32	19.29		
3	64QAM	8	7	19.29	19.35	19.39		
3	64QAM	15	0	19.39	19.41	19.39		
3	256QAM	1	0	17.92	18.06	17.86		
3	256QAM	1	8	17.74	17.93	18.01	19	1.6
3	256QAM	1	14	17.82	17.81	17.75		
3	256QAM	8	0	17.77	17.99	17.77		
3	256QAM	8	4	17.76	17.76	17.73	19	1.6
3	256QAM	8	7	17.84	17.81	17.74		
3	256QAM	15	0	17.75	17.97	17.87		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.27	19.53	19.35	20.6	0
1.4	QPSK	1	3	19.21	19.37	19.45		
1.4	QPSK	1	5	19.38	19.32	19.23		
1.4	QPSK	3	0	19.36	19.41	19.31		
1.4	QPSK	3	1	19.22	19.27	19.34		
1.4	QPSK	3	3	19.32	19.36	19.24		
1.4	QPSK	6	0	19.22	19.37	19.41	20.6	0
1.4	16QAM	1	0	19.34	19.25	19.41		
1.4	16QAM	1	3	19.14	19.24	19.29		
1.4	16QAM	1	5	19.26	19.29	19.32	20.6	0
1.4	16QAM	3	0	19.24	19.50	19.38		
1.4	16QAM	3	1	19.34	19.33	19.44		
1.4	16QAM	3	3	19.37	19.38	19.28		
1.4	16QAM	6	0	19.31	19.26	19.42	20.6	0
1.4	64QAM	1	0	19.24	19.31	19.31		
1.4	64QAM	1	3	19.29	19.43	19.34		
1.4	64QAM	1	5	19.36	19.28	19.27	20.6	0
1.4	64QAM	3	0	19.27	19.25	19.35		
1.4	64QAM	3	1	19.31	19.40	19.38		
1.4	64QAM	3	3	19.29	19.23	19.44		
1.4	64QAM	6	0	19.53	19.43	19.41	20.6	0
1.4	256QAM	1	0	17.83	18.10	17.96		
1.4	256QAM	1	3	17.70	17.91	17.99		
1.4	256QAM	1	5	17.86	17.82	17.67	19	1.6
1.4	256QAM	3	0	17.74	18.00	17.67		
1.4	256QAM	3	1	17.71	17.88	17.79		
1.4	256QAM	3	3	17.84	17.86	17.71		
1.4	256QAM	6	0	17.83	17.95	17.95	19	1.6

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BW [MHz]	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	23.04	23.08	22.92	24	0
20	QPSK	1	49	22.93	23.04	22.82		
20	QPSK	1	99	22.84	23.07	22.79		
20	QPSK	50	0	22.00	22.17	21.82	23	1
20	QPSK	50	24	22.03	22.08	21.90		
20	QPSK	50	50	21.78	22.00	21.80		
20	QPSK	100	0	21.90	21.98	21.81		
20	16QAM	1	0	21.87	22.12	21.74	23	1
20	16QAM	1	49	21.83	21.91	21.73		
20	16QAM	1	99	21.66	21.95	21.63		
20	16QAM	50	0	21.14	21.09	20.92	22	2
20	16QAM	50	24	21.03	21.15	20.99		
20	16QAM	50	50	21.01	21.07	20.79		
20	16QAM	100	0	20.86	21.15	20.84		
20	64QAM	1	0	21.11	21.11	20.96	22	2
20	64QAM	1	49	20.99	21.03	20.70		
20	64QAM	1	99	20.89	21.02	20.82		
20	64QAM	50	0	19.99	20.11	19.97	21	3
20	64QAM	50	24	20.07	20.05	20.01		
20	64QAM	50	50	19.95	20.16	19.85		
20	64QAM	100	0	19.83	20.02	19.87		
20	256QAM	1	0	18.05	18.06	17.81	19	5
20	256QAM	1	49	17.97	18.09	17.73		
20	256QAM	1	99	17.87	18.03	17.74		
20	256QAM	50	0	18.08	18.18	17.83	19	5
20	256QAM	50	24	18.04	18.02	17.98		
20	256QAM	50	50	17.87	18.16	17.83		
20	256QAM	100	0	17.94	18.06	17.77		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.84	23.06	22.72	24	0
15	QPSK	1	37	22.92	22.93	22.77		
15	QPSK	1	74	22.72	22.89	22.67		
15	QPSK	36	0	21.93	22.03	21.70	23	1
15	QPSK	36	20	22.01	22.00	21.69		
15	QPSK	36	39	21.70	21.88	21.71		
15	QPSK	75	0	21.75	21.83	21.70		
15	16QAM	1	0	21.78	22.03	21.74	23	1
15	16QAM	1	37	21.71	21.81	21.62		
15	16QAM	1	74	21.58	21.95	21.53		
15	16QAM	36	0	21.00	21.10	20.83	22	2
15	16QAM	36	20	20.83	20.94	20.82		
15	16QAM	36	39	20.85	21.08	20.79		
15	16QAM	75	0	20.80	21.05	20.84		
15	64QAM	1	0	20.95	21.00	20.94	22	2
15	64QAM	1	37	20.80	20.98	20.84		
15	64QAM	1	74	20.71	20.95	20.77		
15	64QAM	36	0	19.94	20.13	19.81	21	3
15	64QAM	36	20	19.99	19.97	19.99		
15	64QAM	36	39	19.89	19.99	19.72		
15	64QAM	75	0	19.76	19.92	19.70		
15	256QAM	1	0	18.02	17.96	17.64	19	5
15	256QAM	1	37	17.77	17.94	17.52		
15	256QAM	1	74	17.75	17.87	17.65		
15	256QAM	36	0	17.98	18.05	17.85	19	5
15	256QAM	36	20	18.06	17.95	17.82		
15	256QAM	36	39	17.74	18.03	17.80		
15	256QAM	75	0	17.82	18.03	17.75		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.98	22.88	22.89	24	0
10	QPSK	1	25	22.92	22.96	22.81		
10	QPSK	1	49	22.79	22.90	22.76		
10	QPSK	25	0	21.95	22.02	21.82	23	1
10	QPSK	25	12	21.95	22.01	21.77		
10	QPSK	25	25	21.61	21.95	21.76		
10	QPSK	50	0	21.82	21.93	21.73		
10	16QAM	1	0	21.88	21.93	21.55	23	1
10	16QAM	1	25	21.77	21.69	21.58		
10	16QAM	1	49	21.52	21.78	21.56		
10	16QAM	25	0	21.14	20.91	20.72	22	2
10	16QAM	25	12	20.92	21.01	20.83		
10	16QAM	25	25	20.85	20.88	20.65		
10	16QAM	50	0	20.74	21.13	20.67		
10	64QAM	1	0	21.00	20.99	20.76	22	2
10	64QAM	1	25	20.97	21.01	20.57		
10	64QAM	1	49	20.69	21.03	20.71		
10	64QAM	25	0	19.91	19.98	19.88	21	3
10	64QAM	25	12	19.97	19.96	19.82		
10	64QAM	25	25	19.76	20.01	19.83		
10	64QAM	50	0	19.64	20.01	19.65		
10	256QAM	1	0	17.84	17.92	17.69	19	5
10	256QAM	1	25	17.91	17.92	17.54		
10	256QAM	1	49	17.87	18.02	17.65		
10	256QAM	25	0	18.09	18.20	17.78	19	5
10	256QAM	25	12	17.98	17.95	17.77		
10	256QAM	25	25	17.79	17.97	17.85		
10	256QAM	50	0	17.83	17.96	17.62		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.04	22.89	22.88	24	0
5	QPSK	1	12	22.83	22.89	22.81		
5	QPSK	1	24	22.66	23.02	22.78		
5	QPSK	12	0	21.92	22.04	21.68	23	1
5	QPSK	12	7	21.96	21.93	21.69		
5	QPSK	12	13	21.73	21.87	21.63		
5	QPSK	25	0	21.82	21.94	21.77		
5	16QAM	1	0	21.70	21.90	21.62	23	1
5	16QAM	1	12	21.71	21.70	21.58		
5	16QAM	1	24	21.54	21.82	21.60		
5	16QAM	12	0	21.08	20.98	20.91	22	2
5	16QAM	12	7	21.05	20.93	21.01		
5	16QAM	12	13	21.02	20.97	20.70		
5	16QAM	25	0	20.79	20.99	20.69		
5	64QAM	1	0	21.11	20.90	20.89	22	2
5	64QAM	1	12	20.97	20.93	20.77		
5	64QAM	1	24	20.85	20.89	20.61		
5	64QAM	12	0	19.78	20.07	19.86	21	3
5	64QAM	12	7	20.08	20.00	19.83		
5	64QAM	12	13	19.95	20.10	19.80		
5	64QAM	25	0	19.72	19.82	19.67		
5	256QAM	1	0	18.04	18.05	17.71	19	5
5	256QAM	1	12	17.92	18.07	17.57		
5	256QAM	1	24	17.69	17.84	17.57		
5	256QAM	12	0	18.08	18.10	17.74	19	5
5	256QAM	12	7	17.90	17.83	17.91		
5	256QAM	12	13	17.81	18.06	17.63		
5	256QAM	25	0	17.75	17.88	17.59		

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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	23.02	22.83	23.05	22.93	23.02	24	0
20	QPSK	1	49	22.96	22.79	22.96	22.75	22.74		
20	QPSK	1	99	22.86	22.68	22.90	22.84	22.87		
20	QPSK	50	0	21.99	21.85	22.05	22.02	21.94	23	1
20	QPSK	50	24	21.97	21.87	22.00	21.84	21.73		
20	QPSK	50	50	21.95	21.74	21.95	21.93	21.81		
20	QPSK	100	0	21.91	21.82	22.10	21.73	21.87		
20	16QAM	1	0	21.93	21.85	22.10	21.86	22.00	23	1
20	16QAM	1	49	21.98	21.93	21.99	22.06	21.71		
20	16QAM	1	99	22.02	21.88	21.99	22.06	21.85		
20	16QAM	50	0	20.98	20.94	21.02	21.06	20.76	22	2
20	16QAM	50	24	21.08	20.75	20.85	20.67	20.92		
20	16QAM	50	50	20.79	20.59	20.91	20.92	20.78		
20	16QAM	100	0	21.00	20.86	21.11	21.01	21.08		
20	64QAM	1	0	20.95	20.80	21.02	21.04	20.84	22	2
20	64QAM	1	49	21.02	20.83	21.02	20.77	20.82		
20	64QAM	1	99	20.77	20.71	20.83	20.91	21.04		
20	64QAM	50	0	20.04	19.74	20.06	20.17	19.92	21	3
20	64QAM	50	24	20.10	19.89	20.17	20.04	19.96		
20	64QAM	50	50	19.89	19.81	20.05	19.82	19.73		
20	64QAM	100	0	19.92	19.71	19.96	19.94	19.99		
20	256QAM	1	0	18.00	17.88	17.97	18.03	18.01	19	5
20	256QAM	1	49	17.86	17.79	17.91	17.77	17.61		
20	256QAM	1	99	17.95	17.57	17.81	18.01	17.80		
20	256QAM	50	0	17.92	17.72	18.13	17.98	17.99	19	5
20	256QAM	50	24	18.04	17.80	18.11	18.04	17.88		
20	256QAM	50	50	17.85	17.70	18.07	17.64	17.90		
20	256QAM	100	0	17.77	17.56	17.90	17.93	17.75		
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	22.88	22.85	23.03	22.84	22.94	24	0
15	QPSK	1	37	22.86	22.71	22.85	22.61	22.63		
15	QPSK	1	74	22.79	22.58	22.83	22.81	22.83		
15	QPSK	36	0	21.95	21.77	22.03	21.96	21.88	23	1
15	QPSK	36	20	21.84	21.78	22.00	21.80	21.69		
15	QPSK	36	39	21.87	21.65	21.90	21.86	21.81		
15	QPSK	75	0	21.75	21.64	22.03	21.56	21.79		
15	16QAM	1	0	21.80	21.77	21.95	21.83	21.87	23	1
15	16QAM	1	37	21.85	21.84	21.83	22.06	21.72		
15	16QAM	1	74	21.86	21.83	21.95	21.89	21.78		
15	16QAM	36	0	20.85	20.84	20.94	20.99	20.67	22	2
15	16QAM	36	20	20.96	20.70	20.68	20.55	20.89		
15	16QAM	36	39	20.72	20.49	20.88	20.91	20.74		
15	16QAM	75	0	20.98	20.80	20.93	20.88	21.07		
15	64QAM	1	0	20.84	20.81	21.04	20.88	20.78	22	2
15	64QAM	1	37	20.87	20.66	20.90	20.73	20.80		
15	64QAM	1	74	20.62	20.54	20.82	20.73	20.89		
15	64QAM	36	0	19.93	19.72	19.88	20.16	19.81	21	3
15	64QAM	36	20	19.92	19.87	20.19	20.02	19.88		
15	64QAM	36	39	19.89	19.75	19.92	19.72	19.74		
15	64QAM	75	0	19.88	19.68	19.91	19.84	19.92		
15	256QAM	1	0	17.99	17.73	17.99	17.90	17.95	19	5
15	256QAM	1	37	17.82	17.75	17.87	17.74	17.61		
15	256QAM	1	74	17.80	17.53	17.69	17.93	17.73		
15	256QAM	36	0	17.76	17.71	18.00	17.85	17.98	19	5
15	256QAM	36	20	17.99	17.72	18.03	17.94	17.82		
15	256QAM	36	39	17.85	17.53	18.01	17.63	17.87		
15	256QAM	75	0	17.61	17.44	17.79	17.90	17.77		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.85	22.66	23.02	22.77	23.03	24	0
10	QPSK	1	25	22.82	22.62	22.89	22.58	22.56		
10	QPSK	1	49	22.73	22.67	22.90	22.68	22.85		
10	QPSK	25	0	21.97	21.68	22.03	21.95	21.80	23	1
10	QPSK	25	12	21.80	21.77	21.89	21.78	21.55		
10	QPSK	25	25	21.96	21.72	21.92	21.92	21.68		
10	QPSK	50	0	21.81	21.65	22.00	21.73	21.87		
10	16QAM	1	0	21.77	21.68	22.05	21.87	22.01	23	1
10	16QAM	1	25	21.90	21.85	21.85	21.91	21.70		
10	16QAM	1	49	21.91	21.74	22.00	22.08	21.67		
10	16QAM	25	0	20.92	20.81	20.97	20.93	20.66	22	2
10	16QAM	25	12	21.04	20.73	20.84	20.60	20.93		
10	16QAM	25	25	20.67	20.56	20.88	20.79	20.74		
10	16QAM	50	0	20.90	20.86	21.00	20.89	21.07		
10	64QAM	1	0	20.94	20.81	20.93	20.93	20.85	22	2
10	64QAM	1	25	21.00	20.71	21.03	20.61	20.67		
10	64QAM	1	49	20.65	20.58	20.67	20.74	20.88		
10	64QAM	25	0	19.97	19.86	20.04	19.99	19.93	21	3
10	64QAM	25	12	20.00	19.78	20.00	20.02	19.92		
10	64QAM	25	25	19.71	19.65	19.95	19.79	19.67		
10	64QAM	50	0	19.87	19.71	19.93	19.83	20.00		
10	256QAM	1	0	18.01	17.70	17.96	17.90	17.84	19	5
10	256QAM	1	25	17.87	17.65	17.82	17.68	17.52		
10	256QAM	1	49	17.82	17.59	17.64	18.00	17.80		
10	256QAM	25	0	17.74	17.68	17.98	17.94	18.00	19	5
10	256QAM	25	12	17.97	17.75	18.00	17.98	17.78		
10	256QAM	25	25	17.86	17.56	17.83	17.50	17.83		
10	256QAM	50	0	17.63	17.57	17.86	17.84	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	22.90	22.67	22.90	22.94	22.85	24	0
5	QPSK	1	12	22.92	22.73	22.86	22.77	22.74		
5	QPSK	1	24	22.78	22.54	22.73	22.70	22.80		
5	QPSK	12	0	21.93	21.78	22.06	21.98	21.81	23	1
5	QPSK	12	7	21.85	21.74	22.00	21.79	21.63		
5	QPSK	12	13	21.82	21.63	21.87	21.83	21.82		
5	QPSK	25	0	21.90	21.65	22.00	21.65	21.74		
5	16QAM	1	0	21.75	21.74	22.05	21.75	21.95	23	1
5	16QAM	1	12	21.82	21.77	21.90	22.02	21.67		
5	16QAM	1	24	22.01	21.88	21.93	22.06	21.67		
5	16QAM	12	0	20.99	20.87	20.89	21.01	20.59	22	2
5	16QAM	12	7	21.02	20.65	20.82	20.69	20.89		
5	16QAM	12	13	20.66	20.58	20.84	20.94	20.79		
5	16QAM	25	0	20.95	20.87	21.04	21.00	21.06		
5	64QAM	1	0	20.85	20.77	20.84	21.00	20.78	22	2
5	64QAM	1	12	20.97	20.72	21.02	20.74	20.82		
5	64QAM	1	24	20.60	20.68	20.85	20.89	20.86		
5	64QAM	12	0	19.92	19.64	20.02	20.13	19.93	21	3
5	64QAM	12	7	20.01	19.75	20.10	20.05	19.94		
5	64QAM	12	13	19.83	19.83	19.92	19.74	19.68		
5	64QAM	25	0	19.76	19.62	19.92	19.79	19.81		
5	256QAM	1	0	17.97	17.90	17.90	17.89	17.88	19	5
5	256QAM	1	12	17.85	17.81	17.87	17.82	17.50		
5	256QAM	1	24	17.78	17.58	17.81	17.91	17.78		
5	256QAM	12	0	17.86	17.70	18.05	17.99	17.94	19	5
5	256QAM	12	7	17.91	17.67	18.00	18.00	17.73		
5	256QAM	12	13	17.73	17.61	18.05	17.55	17.91		
5	256QAM	25	0	17.71	17.40	17.83	17.80	17.58		

Band 2 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.62	18.80	18.67		
20	QPSK	1	49	18.62	18.66	18.58	19.2	0
20	QPSK	1	99	18.65	18.65	18.72		
20	QPSK	50	0	18.67	18.70	18.64		
20	QPSK	50	24	18.61	18.58	18.60	19.2	0
20	QPSK	50	50	18.58	18.60	18.57		
20	QPSK	100	0	18.67	18.69	18.68		
20	16QAM	1	0	18.60	18.61	18.59		
20	16QAM	1	49	18.57	18.62	18.67	19.2	0
20	16QAM	1	99	18.57	18.58	18.71		
20	16QAM	50	0	18.65	18.63	18.61		
20	16QAM	50	24	18.66	18.66	18.68	19.2	0
20	16QAM	50	50	18.57	18.67	18.66		
20	16QAM	100	0	18.64	18.73	18.60		
20	64QAM	1	0	18.64	18.70	18.66		
20	64QAM	1	49	18.60	18.68	18.67	19.2	0
20	64QAM	1	99	18.57	18.65	18.69		
20	64QAM	50	0	18.59	18.71	18.72		
20	64QAM	50	24	18.63	18.59	18.71	19.2	0
20	64QAM	50	50	18.59	18.59	18.67		
20	64QAM	100	0	18.63	18.64	18.69		
20	256QAM	1	0	18.32	18.21	18.24		
20	256QAM	1	49	18.29	18.25	18.22	19	0.2
20	256QAM	1	99	18.18	18.32	18.21		
20	256QAM	50	0	18.19	18.21	18.21		
20	256QAM	50	24	18.29	18.22	18.32	19	0.2
20	256QAM	50	50	18.24	18.18	18.18		
20	256QAM	100	0	18.21	18.23	18.19		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.59	18.64	18.50		
15	QPSK	1	37	18.47	18.58	18.43	19.2	0
15	QPSK	1	74	18.61	18.62	18.69		
15	QPSK	36	0	18.52	18.67	18.59		
15	QPSK	36	20	18.51	18.54	18.52	19.2	0
15	QPSK	36	39	18.43	18.50	18.48		
15	QPSK	75	0	18.55	18.54	18.52		
15	16QAM	1	0	18.55	18.50	18.53		
15	16QAM	1	37	18.51	18.53	18.61	19.2	0
15	16QAM	1	74	18.51	18.49	18.62		
15	16QAM	36	0	18.63	18.57	18.58		
15	16QAM	36	20	18.50	18.52	18.60	19.2	0
15	16QAM	36	39	18.48	18.62	18.57		
15	16QAM	75	0	18.56	18.57	18.56		
15	64QAM	1	0	18.49	18.60	18.54		
15	64QAM	1	37	18.51	18.64	18.56	19.2	0
15	64QAM	1	74	18.42	18.50	18.66		
15	64QAM	36	0	18.56	18.57	18.63		
15	64QAM	36	20	18.47	18.50	18.56	19.2	0
15	64QAM	36	39	18.49	18.46	18.63		
15	64QAM	75	0	18.61	18.61	18.64		
15	256QAM	1	0	18.15	18.10	18.07		
15	256QAM	1	37	18.27	18.12	18.09	19	0.2
15	256QAM	1	74	18.14	18.20	18.16		
15	256QAM	36	0	18.06	18.17	18.06		
15	256QAM	36	20	18.21	18.13	18.16	19	0.2
15	256QAM	36	39	18.09	18.03	18.03		
15	256QAM	75	0	18.09	18.14	18.17		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.46	18.72	18.53		
10	QPSK	1	25	18.54	18.58	18.43	19.2	0
10	QPSK	1	49	18.60	18.54	18.69		
10	QPSK	25	0	18.51	18.66	18.47		
10	QPSK	25	12	18.58	18.52	18.53	19.2	0
10	QPSK	25	25	18.55	18.54	18.60		
10	QPSK	50	0	18.60	18.55	18.56		
10	16QAM	1	0	18.46	18.51	18.47		
10	16QAM	1	25	18.51	18.48	18.54	19.2	0
10	16QAM	1	49	18.46	18.53	18.58		
10	16QAM	25	0	18.63	18.48	18.48		
10	16QAM	25	12	18.51	18.64	18.55	19.2	0
10	16QAM	25	25	18.40	18.59	18.52		
10	16QAM	50	0	18.58	18.50	18.44		
10	64QAM	1	0	18.51	18.63	18.62		
10	64QAM	1	25	18.46	18.59	18.59	19.2	0
10	64QAM	1	49	18.51	18.55	18.58		
10	64QAM	25	0	18.48	18.67	18.61		
10	64QAM	25	12	18.59	18.57	18.61	19.2	0
10	64QAM	25	25	18.55	18.48	18.59		
10	64QAM	50	0	18.50	18.48	18.56		
10	256QAM	1	0	18.20	18.17	18.07		
10	256QAM	1	25	18.17	18.20	18.14	19	0.2
10	256QAM	1	49	18.02	18.14	18.17		
10	256QAM	25	0	18.09	18.13	18.04		
10	256QAM	25	12	18.26	18.15	18.29	19	0.2
10	256QAM	25	25	18.19	18.08	18.11		
10	256QAM	50	0	18.11	18.05	18.10		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.55	18.70	18.49		
5	QPSK	1	12	18.44	18.62	18.43	19.2	0
5	QPSK	1	24	18.60	18.61	18.63		
5	QPSK	12	0	18.62	18.60	18.46		
5	QPSK	12	7	18.45	18.42	18.50	19.2	0
5	QPSK	12	13	18.45	18.47	18.44		
5	QPSK	25	0	18.52	18.53	18.61		
5	16QAM	1	0	18.45	18.52	18.47		
5	16QAM	1	12	18.48	18.52	18.52	19.2	0
5	16QAM	1	24	18.51	18.42	18.55		
5	16QAM	12	0	18.48	18.49	18.56		
5	16QAM	12	7	18.58	18.54	18.54	19.2	0
5	16QAM	12	13	18.46	18.54	18.54		
5	16QAM	25	0	18.52	18.63	18.52		
5	64QAM	1	0	18.49	18.56	18.57		
5	64QAM	1	12	18.49	18.53	18.51	19.2	0
5	64QAM	1	24	18.51	18.49	18.63		
5	64QAM	12	0	18.49	18.65	18.63		
5	64QAM	12	7	18.57	18.56	18.64	19.2	0
5	64QAM	12	13	18.57	18.55	18.59		
5	64QAM	25	0	18.52	18.57	18.64		
5	256QAM	1	0	18.18	18.10	18.09		
5	256QAM	1	12	18.22	18.07	18.08	19	0.2
5	256QAM	1	24	18.06	18.17	18.07		
5	256QAM	12	0	18.04	18.13	18.04		
5	256QAM	12	7	18.25	18.08	18.15	19	0.2
5	256QAM	12	13	18.14	18.09	18.15		
5	256QAM	25	0	18.11	18.10	18.13		
Channel				18600	18900	19200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.52	18.78	18.50		
3	QPSK	1	8	18.57	18.56	18.53	19.2	0
3	QPSK	1	14	18.56	18.51	18.58		
3	QPSK	8	0	18.55	18.53	18.52		
3	QPSK	8	4	18.43	18.49	18.51	19.2	0
3	QPSK	8	7	18.52	18.55	18.40		
3	QPSK	15	0	18.54	18.62	18.57		
3	16QAM	1	0	18.42	18.53	18.51		
3	16QAM	1	8	18.44	18.49	18.54	19.2	0
3	16QAM	1	14	18.41	18.46	18.54		
3	16QAM	8	0	18.56	18.54	18.47		
3	16QAM	8	4	18.62	18.54	18.54	19.2	0
3	16QAM	8	7	18.43	18.57	18.63		
3	16QAM	15	0	18.53	18.66	18.55		
3	64QAM	1	0	18.52	18.55	18.61		
3	64QAM	1	8	18.56	18.62	18.58	19.2	0
3	64QAM	1	14	18.46	18.52	18.64		
3	64QAM	8	0	18.45	18.67	18.54		
3	64QAM	8	4	18.51	18.45	18.62	19.2	0
3	64QAM	8	7	18.49	18.52	18.60		
3	64QAM	15	0	18.45	18.61	18.61		
3	256QAM	1	0	18.18	18.18	18.19		
3	256QAM	1	8	18.16	18.15	18.12	19	0.2
3	256QAM	1	14	18.16	18.25	18.06		
3	256QAM	8	0	18.09	18.16	18.04		
3	256QAM	8	4	18.13	18.20	18.20	19	0.2
3	256QAM	8	7	18.14	18.04	18.06		
3	256QAM	15	0	18.11	18.12	18.15		
Channel				18667	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.47	18.75	18.59		
1.4	QPSK	1	3	18.57	18.64	18.50	19.2	0
1.4	QPSK	1	5	18.49	18.49	18.62		
1.4	QPSK	3	0	18.53	18.55	18.55		
1.4	QPSK	3	1	18.51	18.46	18.43		
1.4	QPSK	3	3	18.54	18.52	18.55		
1.4	QPSK	6	0	18.63	18.57	18.54	19.2	0
1.4	16QAM	1	0	18.44	18.44	18.44		
1.4	16QAM	1	3	18.47	18.46	18.59		
1.4	16QAM	1	5	18.50	18.51	18.66	19.2	0
1.4	16QAM	3	0	18.52	18.52	18.55		
1.4	16QAM	3	1	18.53	18.53	18.66		
1.4	16QAM	3	3	18.39	18.61	18.57		
1.4	16QAM	6	0	18.62	18.67	18.46	19.2	0
1.4	64QAM	1	0	18.52	18.54	18.49		
1.4	64QAM	1	3	18.46	18.54	18.59		
1.4	64QAM	1	5	18.50	18.55	18.59	19.2	0
1.4	64QAM	3	0	18.54	18.59	18.68		
1.4	64QAM	3	1	18.60	18.44	18.54		
1.4	64QAM	3	3	18.52	18.57	18.62		
1.4	64QAM	6	0	18.48	18.47	18.57	19.2	0
1.4	256QAM	1	0	18.28	18.14	18.16		
1.4	256QAM	1	3	18.21	18.12	18.09		
1.4	256QAM	1	5	18.06	18.27	18.10	19	0.2
1.4	256QAM	3	0	18.09	18.15	18.18		
1.4	256QAM	3	1	18.23	18.05	18.24		
1.4	256QAM	3	3	18.18	18.01	18.06		
1.4	256QAM	6	0	18.06	18.14	18.11	19	0.2

Band 4 Ant4

BW [MHz]	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	17.41	17.65	17.51		
20	QPSK	1	49	17.48	17.47	17.40	19	0
20	QPSK	1	99	17.40	17.51	17.40		
20	QPSK	50	0	17.36	17.59	17.53		
20	QPSK	50	24	17.47	17.47	17.44	19	0
20	QPSK	50	50	17.45	17.53	17.54		
20	QPSK	100	0	17.50	17.47	17.53		
20	16QAM	1	0	17.43	17.46	17.50		
20	16QAM	1	49	17.48	17.48	17.48	19	0
20	16QAM	1	99	17.52	17.32	17.52		
20	16QAM	50	0	17.42	17.51	17.40		
20	16QAM	50	24	17.39	17.40	17.39	19	0
20	16QAM	50	50	17.53	17.43	17.54		
20	16QAM	100	0	17.45	17.40	17.32		
20	64QAM	1	0	17.46	17.55	17.39		
20	64QAM	1	49	17.40	17.58	17.40	19	0
20	64QAM	1	99	17.44	17.54	17.41		
20	64QAM	50	0	17.55	17.46	17.51		
20	64QAM	50	24	17.49	17.52	17.53	19	0
20	64QAM	50	50	17.44	17.43	17.45		
20	64QAM	100	0	17.47	17.50	17.52		
20	256QAM	1	0	17.44	17.46	17.45		
20	256QAM	1	49	17.38	17.36	17.54	19	0
20	256QAM	1	99	17.49	17.46	17.36		
20	256QAM	50	0	17.54	17.40	17.46		
20	256QAM	50	24	17.58	17.45	17.48	19	0
20	256QAM	50	50	17.43	17.54	17.45		
20	256QAM	100	0	17.53	17.46	17.41		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.51	17.63	17.44		
15	QPSK	1	37	17.54	17.48	17.44	19	0
15	QPSK	1	74	17.44	17.41	17.45		
15	QPSK	36	0	17.38	17.61	17.53		
15	QPSK	36	20	17.41	17.41	17.42	19	0
15	QPSK	36	39	17.46	17.48	17.43		
15	QPSK	75	0	17.45	17.57	17.39		
15	16QAM	1	0	17.44	17.51	17.57		
15	16QAM	1	37	17.39	17.43	17.49	19	0
15	16QAM	1	74	17.40	17.36	17.47		
15	16QAM	36	0	17.36	17.57	17.41		
15	16QAM	36	20	17.42	17.34	17.35	19	0
15	16QAM	36	39	17.49	17.40	17.56		
15	16QAM	75	0	17.51	17.42	17.42		
15	64QAM	1	0	17.32	17.51	17.50		
15	64QAM	1	37	17.34	17.48	17.52	19	0
15	64QAM	1	74	17.41	17.54	17.45		
15	64QAM	36	0	17.49	17.57	17.57		
15	64QAM	36	20	17.53	17.47	17.47	19	0
15	64QAM	36	39	17.40	17.38	17.38		
15	64QAM	75	0	17.40	17.52	17.40		
15	256QAM	1	0	17.39	17.50	17.48		
15	256QAM	1	37	17.40	17.49	17.43	19	0
15	256QAM	1	74	17.48	17.58	17.39		
15	256QAM	36	0	17.55	17.45	17.39		
15	256QAM	36	20	17.46	17.50	17.49	19	0
15	256QAM	36	39	17.51	17.37	17.51		
15	256QAM	75	0	17.57	17.40	17.41		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.45	17.48	17.43		
10	QPSK	1	25	17.58	17.47	17.42	19	0
10	QPSK	1	49	17.45	17.47	17.42		
10	QPSK	25	0	17.41	17.56	17.38		
10	QPSK	25	12	17.39	17.45	17.46	19	0
10	QPSK	25	25	17.43	17.47	17.53		
10	QPSK	50	0	17.40	17.55	17.44		
10	16QAM	1	0	17.48	17.50	17.60		
10	16QAM	1	25	17.47	17.44	17.50	19	0
10	16QAM	1	49	17.43	17.34	17.46		
10	16QAM	25	0	17.40	17.52	17.38		
10	16QAM	25	12	17.48	17.46	17.45	19	0
10	16QAM	25	25	17.47	17.43	17.49		
10	16QAM	50	0	17.47	17.37	17.40		
10	64QAM	1	0	17.41	17.51	17.54		
10	64QAM	1	25	17.38	17.60	17.44	19	0
10	64QAM	1	49	17.30	17.51	17.41		
10	64QAM	25	0	17.48	17.48	17.52		
10	64QAM	25	12	17.44	17.45	17.43	19	0
10	64QAM	25	25	17.49	17.37	17.37		
10	64QAM	50	0	17.39	17.57	17.50		
10	256QAM	1	0	17.44	17.52	17.54		
10	256QAM	1	25	17.44	17.47	17.51	19	0
10	256QAM	1	49	17.55	17.47	17.50		
10	256QAM	25	0	17.48	17.47	17.36		
10	256QAM	25	12	17.48	17.47	17.55	19	0
10	256QAM	25	25	17.47	17.50	17.42		
10	256QAM	50	0	17.48	17.38	17.38		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.43	17.52	17.51		
5	QPSK	1	12	17.54	17.43	17.35	19	0
5	QPSK	1	24	17.44	17.50	17.46		
5	QPSK	12	0	17.34	17.58	17.49		
5	QPSK	12	7	17.33	17.33	17.36	19	0
5	QPSK	12	13	17.36	17.52	17.47		
5	QPSK	25	0	17.46	17.49	17.43		
5	16QAM	1	0	17.50	17.45	17.58		
5	16QAM	1	12	17.48	17.52	17.40	19	0
5	16QAM	1	24	17.38	17.33	17.42		
5	16QAM	12	0	17.38	17.52	17.41		
5	16QAM	12	7	17.35	17.44	17.50	19	0
5	16QAM	12	13	17.49	17.47	17.51		
5	16QAM	25	0	17.55	17.39	17.36		
5	64QAM	1	0	17.37	17.51	17.40		
5	64QAM	1	12	17.33	17.55	17.48	19	0
5	64QAM	1	24	17.36	17.47	17.44		
5	64QAM	12	0	17.55	17.60	17.52		
5	64QAM	12	7	17.54	17.59	17.41	19	0
5	64QAM	12	13	17.44	17.37	17.49		
5	64QAM	25	0	17.39	17.39	17.34		
5	256QAM	1	0	17.39	17.45	17.54		
5	256QAM	1	12	17.39	17.41	17.41	19	0
5	256QAM	1	24	17.54	17.49	17.44		
5	256QAM	12	0	17.50	17.39	17.34		
5	256QAM	12	7	17.47	17.46	17.48	19	0
5	256QAM	12	13	17.52	17.45	17.49		
5	256QAM	25	0	17.45	17.40	17.47		
Channel				19950	20175	20400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.43	17.53	17.56		
3	QPSK	1	8	17.59	17.44	17.41	19	0
3	QPSK	1	14	17.48	17.51	17.55		
3	QPSK	8	0	17.41	17.57	17.40		
3	QPSK	8	4	17.39	17.44	17.43	19	0
3	QPSK	8	7	17.50	17.58	17.49		
3	QPSK	15	0	17.41	17.46	17.46		
3	16QAM	1	0	17.51	17.44	17.60		
3	16QAM	1	8	17.46	17.54	17.35	19	0
3	16QAM	1	14	17.42	17.32	17.49		
3	16QAM	8	0	17.39	17.47	17.41		
3	16QAM	8	4	17.38	17.46	17.36	19	0
3	16QAM	8	7	17.39	17.34	17.50		
3	16QAM	15	0	17.44	17.42	17.41		
3	64QAM	1	0	17.42	17.50	17.53		
3	64QAM	1	8	17.48	17.48	17.47	19	0
3	64QAM	1	14	17.40	17.55	17.47		
3	64QAM	8	0	17.56	17.55	17.58		
3	64QAM	8	4	17.42	17.56	17.50	19	0
3	64QAM	8	7	17.47	17.37	17.44		
3	64QAM	15	0	17.47	17.46	17.48		
3	256QAM	1	0	17.51	17.46	17.52		
3	256QAM	1	8	17.46	17.38	17.46	19	0
3	256QAM	1	14	17.47	17.49	17.43		
3	256QAM	8	0	17.44	17.52	17.37		
3	256QAM	8	4	17.50	17.42	17.48	19	0
3	256QAM	8	7	17.40	17.55	17.46		
3	256QAM	15	0	17.56	17.37	17.37		
Channel				19925	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.44	17.60	17.53		
1.4	QPSK	1	3	17.43	17.43	17.36	19	0
1.4	QPSK	1	5	17.41	17.42	17.47		
1.4	QPSK	3	0	17.35	17.59	17.48		
1.4	QPSK	3	1	17.46	17.35	17.36		
1.4	QPSK	3	3	17.37	17.56	17.50		
1.4	QPSK	6	0	17.48	17.56	17.54	19	0
1.4	16QAM	1	0	17.41	17.47	17.48		
1.4	16QAM	1	3	17.41	17.56	17.40		
1.4	16QAM	1	5	17.52	17.45	17.46	19	0
1.4	16QAM	3	0	17.41	17.49	17.47		
1.4	16QAM	3	1	17.38	17.46	17.50		
1.4	16QAM	3	3	17.40	17.46	17.57		
1.4	16QAM	6	0	17.44	17.37	17.44	19	0
1.4	64QAM	1	0	17.41	17.52	17.50		
1.4	64QAM	1	3	17.39	17.61	17.41		
1.4	64QAM	1	5	17.40	17.48	17.40	19	0
1.4	64QAM	3	0	17.54	17.45	17.48		
1.4	64QAM	3	1	17.41	17.55	17.49		
1.4	64QAM	3	3	17.41	17.34	17.37		
1.4	64QAM	6	0	17.42	17.46	17.51	19	0
1.4	256QAM	1	0	17.45	17.47	17.54		
1.4	256QAM	1	3	17.50	17.41	17.41		
1.4	256QAM	1	5	17.54	17.53	17.35	19	0
1.4	256QAM	3	0	17.48	17.45	17.34		
1.4	256QAM	3	1	17.59	17.43	17.52		
1.4	256QAM	3	3	17.39	17.58	17.48		
1.4	256QAM	6	0	17.51	17.38	17.51	19	0

Band 5 Ant4

BW [MHz]	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	22.55	22.69	22.57		
10	QPSK	1	25	22.45	22.67	22.51	23.6	0
10	QPSK	1	49	22.46	22.50	22.58		
10	QPSK	25	0	21.62	21.70	21.55		
10	QPSK	25	12	21.54	21.65	21.66	23	0.6
10	QPSK	25	25	21.54	21.63	21.59		
10	QPSK	50	0	21.59	21.68	21.50		
10	16QAM	1	0	21.64	21.77	21.54		
10	16QAM	1	25	21.62	21.63	21.69	23	0.6
10	16QAM	1	49	21.63	21.59	21.56		
10	16QAM	25	0	20.65	20.75	20.62		
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Band 25 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26599		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	18.63	18.75	18.69		
20	QPSK	1	49	18.59	18.60	18.61	19.2	0
20	QPSK	1	99	18.72	18.60	18.70		
20	QPSK	50	0	18.60	18.69	18.61		
20	QPSK	50	24	18.66	18.64	18.57	19.2	0
20	QPSK	50	50	18.66	18.61	18.60		
20	QPSK	100	0	18.63	18.64	18.60		
20	16QAM	1	0	18.67	18.62	18.59		
20	16QAM	1	49	18.59	18.58	18.65	19.2	0
20	16QAM	1	99	18.69	18.63	18.63		
20	16QAM	50	0	18.58	18.64	18.73		
20	16QAM	50	24	18.71	18.68	18.61	19.2	0
20	16QAM	50	50	18.61	18.70	18.69		
20	16QAM	100	0	18.67	18.71	18.65		
20	64QAM	1	0	18.68	18.68	18.60		
20	64QAM	1	49	18.72	18.72	18.64	19.2	0
20	64QAM	1	99	18.64	18.70	18.60		
20	64QAM	50	0	18.72	18.72	18.72		
20	64QAM	50	24	18.68	18.66	18.72	19.2	0
20	64QAM	50	50	18.67	18.64	18.59		
20	64QAM	100	0	18.73	18.58	18.68		
20	256QAM	1	0	18.61	18.63	18.58		
20	256QAM	1	49	18.64	18.64	18.70	19	0.2
20	256QAM	1	99	18.67	18.70	18.72		
20	256QAM	50	0	18.71	18.70	18.59		
20	256QAM	50	24	18.66	18.61	18.68	19	0.2
20	256QAM	50	50	18.71	18.73	18.64		
20	256QAM	100	0	18.59	18.68	18.62		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.65	18.63	18.73		
15	QPSK	1	37	18.59	18.63	18.71	19.2	0
15	QPSK	1	74	18.58	18.63	18.59		
15	QPSK	36	0	18.70	18.57	18.69		
15	QPSK	36	20	18.67	18.71	18.64	19.2	0
15	QPSK	36	39	18.68	18.65	18.72		
15	QPSK	75	0	18.60	18.68	18.70		
15	16QAM	1	0	18.73	18.67	18.62		
15	16QAM	1	37	18.58	18.65	18.57	19.2	0
15	16QAM	1	74	18.71	18.71	18.66		
15	16QAM	36	0	18.67	18.63	18.63		
15	16QAM	36	20	18.59	18.61	18.71	19.2	0
15	16QAM	36	39	18.72	18.61	18.60		
15	16QAM	75	0	18.67	18.59	18.73		
15	64QAM	1	0	18.71	18.63	18.71		
15	64QAM	1	37	18.57	18.62	18.59	19.2	0
15	64QAM	1	74	18.61	18.62	18.62		
15	64QAM	36	0	18.65	18.58	18.63		
15	64QAM	36	20	18.71	18.70	18.72	19.2	0
15	64QAM	36	39	18.70	18.57	18.72		
15	64QAM	75	0	18.58	18.66	18.66		
15	256QAM	1	0	18.64	18.72	18.69		
15	256QAM	1	37	18.64	18.67	18.70	19	0.2
15	256QAM	1	74	18.60	18.73	18.66		
15	256QAM	36	0	18.60	18.64	18.72		
15	256QAM	36	20	18.57	18.63	18.71	19	0.2
15	256QAM	36	39	18.70	18.70	18.60		
15	256QAM	75	0	18.63	18.67	18.61		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.66	18.57	18.63		
10	QPSK	1	25	18.62	18.59	18.59	19.2	0
10	QPSK	1	49	18.64	18.73	18.58		
10	QPSK	25	0	18.60	18.65	18.60		
10	QPSK	25	12	18.69	18.67	18.63	19.2	0
10	QPSK	25	25	18.66	18.64	18.64		
10	QPSK	50	0	18.58	18.69	18.70		
10	16QAM	1	0	18.63	18.68	18.71		
10	16QAM	1	25	18.66	18.65	18.67	19.2	0
10	16QAM	1	49	18.72	18.61	18.59		
10	16QAM	25	0	18.65	18.61	18.66		
10	16QAM	25	12	18.66	18.62	18.70	19.2	0
10	16QAM	25	25	18.69	18.62	18.63		
10	16QAM	50	0	18.73	18.63	18.72		
10	64QAM	1	0	18.69	18.65	18.59		
10	64QAM	1	25	18.72	18.66	18.59	19.2	0
10	64QAM	1	49	18.61	18.58	18.63		
10	64QAM	25	0	18.58	18.64	18.64		
10	64QAM	25	12	18.59	18.60	18.60	19.2	0
10	64QAM	25	25	18.69	18.66	18.63		
10	64QAM	50	0	18.64	18.70	18.59		
10	256QAM	1	0	18.61	18.60	18.66		
10	256QAM	1	25	18.60	18.63	18.64	19	0.2
10	256QAM	1	49	18.60	18.65	18.61		
10	256QAM	25	0	18.62	18.60	18.62		
10	256QAM	25	12	18.67	18.59	18.62	19	0.2
10	256QAM	25	25	18.64	18.69	18.69		
10	256QAM	50	0	18.63	18.66	18.69		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.60	18.70	18.61		
5	QPSK	1	12	18.65	18.65	18.68	19.2	0
5	QPSK	1	24	18.66	18.60	18.65		
5	QPSK	12	0	18.63	18.62	18.69		
5	QPSK	12	7	18.65	18.67	18.58	19.2	0
5	QPSK	12	13	18.60	18.59	18.73		
5	QPSK	25	0	18.58	18.63	18.62		
5	16QAM	1	0	18.66	18.61	18.59		
5	16QAM	1	12	18.68	18.62	18.70	19.2	0
5	16QAM	1	24	18.69	18.63	18.61		
5	16QAM	12	0	18.73	18.65	18.70		
5	16QAM	12	7	18.57	18.62	18.64	19.2	0
5	16QAM	12	13	18.70	18.70	18.66		
5	16QAM	25	0	18.69	18.66	18.60		
5	64QAM	1	0	18.59	18.62	18.67		
5	64QAM	1	12	18.58	18.58	18.64	19.2	0
5	64QAM	1	24	18.72	18.69	18.67		
5	64QAM	12	0	18.59	18.60	18.62		
5	64QAM	12	7	18.72	18.70	18.70	19.2	0
5	64QAM	12	13	18.61	18.61	18.65		
5	64QAM	25	0	18.72	18.68	18.66		
5	256QAM	1	0	18.60	18.71	18.57		
5	256QAM	1	12	18.63	18.60	18.61	19	0.2
5	256QAM	1	24	18.72	18.69	18.66		
5	256QAM	12	0	18.61	18.64	18.72		
5	256QAM	12	7	18.63	18.58	18.70	19	0.2
5	256QAM	12	13	18.64	18.63	18.67		
5	256QAM	25	0	18.60	18.67	18.72		
Channel				26055	26340	26625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.63	18.68	18.61		
3	QPSK	1	8	18.60	18.72	18.58	19.2	0
3	QPSK	1	14	18.68	18.71	18.64		
3	QPSK	8	0	18.66	18.62	18.58		
3	QPSK	8	4	18.59	18.68	18.64	19.2	0
3	QPSK	8	7	18.59	18.63	18.65		
3	QPSK	15	0	18.62	18.68	18.59		
3	16QAM	1	0	18.69	18.69	18.63		
3	16QAM	1	8	18.71	18.72	18.62	19.2	0
3	16QAM	1	14	18.59	18.63	18.64		
3	16QAM	8	0	18.69	18.66	18.66		
3	16QAM	8	4	18.73	18.67	18.57	19.2	0
3	16QAM	8	7	18.65	18.69	18.65		
3	16QAM	15	0	18.60	18.57	18.65		
3	64QAM	1	0	18.70	18.60	18.60		
3	64QAM	1	8	18.61	18.73	18.69	19.2	0
3	64QAM	1	14	18.73	18.65	18.66		
3	64QAM	8	0	18.71	18.62	18.62		
3	64QAM	8	4	18.64	18.73	18.58	19.2	0
3	64QAM	8	7	18.71	18.67	18.65		
3	64QAM	15	0	18.61	18.57	18.71		
3	256QAM	1	0	18.69	18.62	18.71		
3	256QAM	1	8	18.65	18.61	18.60	19	0.2
3	256QAM	1	14	18.62	18.64	18.69		
3	256QAM	8	0	18.72	18.72	18.69		
3	256QAM	8	4	18.68	18.59	18.65	19	0.2
3	256QAM	8	7	18.62	18.61	18.71		
3	256QAM	15	0	18.59	18.66	18.63		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.64	18.68	18.63		
1.4	QPSK	1	3	18.60	18.61	18.63		
1.4	QPSK	1	5	18.66	18.70	18.65	19.2	0
1.4	QPSK	3	0	18.70	18.69	18.61		
1.4	QPSK	3	1	18.66	18.58	18.69		
1.4	QPSK	3	3	18.72	18.58	18.67		
1.4	QPSK	6	0	18.70	18.71	18.65	19.2	0
1.4	16QAM	1	0	18.59	18.71	18.72		
1.4	16QAM	1	3	18.65	18.58	18.70		
1.4	16QAM	1	5	18.60	18.70	18.69	19.2	0
1.4	16QAM	3	0	18.64	18.60	18.72		
1.4	16QAM	3	1	18.71	18.69	18.70		
1.4	16QAM	3	3	18.66	18.72	18.72		
1.4	16QAM	6	0	18.61	18.62	18.71	19.2	0
1.4	64QAM	1	0	18.58	18.61	18.66		
1.4	64QAM	1	3	18.68	18.71	18.59		
1.4	64QAM	1	5	18.59	18.65	18.58	19.2	0
1.4	64QAM	3	0	18.62	18.57	18.67		
1.4	64QAM	3	1	18.68	18.58	18.66		
1.4	64QAM	3	3	18.72	18.63	18.59		
1.4	64QAM	6	0	18.58	18.71	18.67	19.2	0
1.4	256QAM	1	0	18.58	18.71	18.57		
1.4	256QAM	1	3	18.60	18.67	18.66		
1.4	256QAM	1	5	18.67	18.67	18.69	19	0.2
1.4	256QAM	3	0	18.59	18.67	18.66		
1.4	256QAM	3	1	18.65	18.61	18.69		
1.4	256QAM	3	3	18.66	18.67	18.71		
1.4	256QAM	6	0	18.68	18.70	18.64	19	0.2

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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				26765	26865	26963		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.40	22.61	22.53		
15	QPSK	1	37	22.32	22.55	22.54	23.6	0
15	QPSK	1	74	22.38	22.60	22.40		
15	QPSK	36	0	21.49	21.59	21.47		
15	QPSK	36	20	21.46	21.52	21.49	23	0.6
15	QPSK	36	39	21.45	21.55	21.42		
15	QPSK	75	0	21.49	21.58	21.41		
15	16QAM	1	0	21.38	21.63	21.52		
15	16QAM	1	37	21.22	21.52	21.62	23	0.6
15	16QAM	1	74	21.31	21.64	21.41		
15	16QAM	36	0	20.35	20.72	20.49		
15	16QAM	36	20	20.36	20.49	20.60	22	1.6
15	16QAM	36	39	20.27	20.70	20.31		
15	16QAM	75	0	20.51	20.52	20.63		
15	64QAM	1	0	20.39	20.66	20.49		
15	64QAM	1	37	20.44	20.56	20.54	22	1.6
15	64QAM	1	74	20.34	20.60	20.51		
15	64QAM	36	0	19.46	19.50	19.57		
15	64QAM	36	20	19.24	19.53	19.50	21	2.6
15	64QAM	36	39	19.47	19.65	19.47		
15	64QAM	75	0	19.40	19.58	19.63		
15	256QAM	1	0	17.44	17.67	17.58		
15	256QAM	1	37	17.26	17.54	17.66	19.2	4.4
15	256QAM	1	74	17.26	17.53	17.50		
15	256QAM	36	0	17.30	17.62	17.55		
15	256QAM	36	20	17.40	17.67	17.61	19.2	4.4
15	256QAM	36	39	17.33	17.53	17.56		
15	256QAM	75	0	17.46	17.62	17.37		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.39	22.52	22.35		
10	QPSK	1	25	22.18	22.53	22.43	23.6	0
10	QPSK	1	49	22.24	22.54	22.35		
10	QPSK	25	0	21.28	21.58	21.36		
10	QPSK	25	12	21.25	21.42	21.50	23	0.6
10	QPSK	25	25	21.44	21.39	21.44		
10	QPSK	50	0	21.38	21.38	21.37		
10	16QAM	1	0	21.38	21.48	21.32		
10	16QAM	1	25	21.18	21.52	21.63	23	0.6
10	16QAM	1	49	21.33	21.57	21.35		
10	16QAM	25	0	20.27	20.64	20.47		
10	16QAM	25	12	20.23	20.29	20.58	22	1.6
10	16QAM	25	25	20.22	20.51	20.26		
10	16QAM	50	0	20.46	20.51	20.46		
10	64QAM	1	0	20.20	20.58	20.50		
10	64QAM	1	25	20.32	20.54	20.40	22	1.6
10	64QAM	1	49	20.18	20.44	20.34		
10	64QAM	25	0	19.42	19.38	19.37		
10	64QAM	25	12	19.35	19.52	19.41	21	2.6
10	64QAM	25	25	19.39	19.66	19.31		
10	64QAM	50	0	19.41	19.56	19.43		
10	256QAM	1	0	17.30	17.53	17.42		
10	256QAM	1	25	17.18	17.45	17.55	19.2	4.4
10	256QAM	1	49	17.07	17.50	17.37		
10	256QAM	25	0	17.29	17.62	17.37		
10	256QAM	25	12	17.17	17.52	17.45	19.2	4.4
10	256QAM	25	25	17.13	17.48	17.49		
10	256QAM	50	0	17.47	17.53	17.21		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.23	22.51	22.32		
5	QPSK	1	12	22.17	22.39	22.55	23.6	0
5	QPSK	1	24	22.37	22.52	22.28		
5	QPSK	12	0	21.39	21.52	21.28		
5	QPSK	12	7	21.30	21.35	21.29	23	0.6
5	QPSK	12	13	21.42	21.47	21.32		
5	QPSK	25	0	21.39	21.52	21.38		
5	16QAM	1	0	21.40	21.49	21.34		
5	16QAM	1	12	21.13	21.46	21.53	23	0.6
5	16QAM	1	24	21.29	21.59	21.39		
5	16QAM	12	0	20.17	20.61	20.27		
5	16QAM	12	7	20.26	20.40	20.50	22	1.6
5	16QAM	12	13	20.22	20.62	20.31		
5	16QAM	25	0	20.32	20.47	20.53		
5	64QAM	1	0	20.19	20.57	20.42		
5	64QAM	1	12	20.40	20.56	20.36	22	1.6
5	64QAM	1	24	20.18	20.52	20.31		
5	64QAM	12	0	19.27	19.48	19.42		
5	64QAM	12	7	19.15	19.42	19.32	21	2.6
5	64QAM	12	13	19.26	19.45	19.27		
5	64QAM	25	0	19.40	19.50	19.58		
5	256QAM	1	0	17.27	17.46	17.50		
5	256QAM	1	12	17.20	17.54	17.44	19.2	4.4
5	256QAM	1	24	17.25	17.50	17.32		
5	256QAM	12	0	17.31	17.59	17.55		
5	256QAM	12	7	17.37	17.48	17.59	19.2	4.4
5	256QAM	12	13	17.22	17.40	17.57		
5	256QAM	25	0	17.48	17.54	17.36		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.32	22.44	22.53		
3	QPSK	1	8	22.32	22.49	22.39	23.6	0
3	QPSK	1	14	22.30	22.44	22.38		
3	QPSK	8	0	21.36	21.48	21.44		
3	QPSK	8	4	21.34	21.52	21.29	23	0.6
3	QPSK	8	7	21.43	21.41	21.37		
3	QPSK	15	0	21.28	21.55	21.37		
3	16QAM	1	0	21.35	21.46	21.43		
3	16QAM	1	8	21.16	21.43	21.60	23	0.6
3	16QAM	1	14	21.19	21.44	21.37		
3	16QAM	8	0	20.27	20.61	20.39		
3	16QAM	8	4	20.34	20.27	20.49	22	1.6
3	16QAM	8	7	20.28	20.67	20.32		
3	16QAM	15	0	20.40	20.42	20.56		
3	64QAM	1	0	20.19	20.63	20.46		
3	64QAM	1	8	20.34	20.52	20.51	22	1.6
3	64QAM	1	14	20.32	20.54	20.47		
3	64QAM	8	0	19.46	19.43	19.43		
3	64QAM	8	4	19.04	19.40	19.34	21	2.6
3	64QAM	8	7	19.48	19.44	19.28		
3	64QAM	15	0	19.26	19.49	19.59		
3	256QAM	1	0	17.31	17.47	17.52		
3	256QAM	1	8	17.15	17.38	17.58	19.2	4.4
3	256QAM	1	14	17.17	17.47	17.33		
3	256QAM	8	0	17.18	17.49	17.40		
3	256QAM	8	4	17.34	17.68	17.42	19.2	4.4
3	256QAM	8	7	17.29	17.32	17.35		
3	256QAM	15	0	17.26	17.63	17.29		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.31	22.46	22.41		
1.4	QPSK	1	3	22.15	22.36	22.41		
1.4	QPSK	1	5	22.28	22.45	22.30	23.6	0
1.4	QPSK	3	0	22.26	22.40	22.27		
1.4	QPSK	3	1	22.01	22.19	22.36		
1.4	QPSK	3	3	22.11	22.31	22.12		
1.4	QPSK	6	0	21.37	21.38	21.33	23	0.6
1.4	16QAM	1	0	21.38	21.52	21.53		
1.4	16QAM	1	3	21.04	21.45	21.48		
1.4	16QAM	1	5	21.14	21.50	21.34	23	0.6
1.4	16QAM	3	0	22.10	22.32	22.27		
1.4	16QAM	3	1	21.91	22.12	22.25		
1.4	16QAM	3	3	22.10	22.31	21.95		
1.4	16QAM	6	0	20.52	20.49	20.49	22	1.6
1.4	64QAM	1	0	20.39	20.66	20.46		
1.4	64QAM	1	3	20.40	20.46	20.41		
1.4	64QAM	1	5	20.20	20.41	20.46	22	1.6
1.4	64QAM	3	0	20.20	20.45	20.44		
1.4	64QAM	3	1	20.39	20.36	20.28		
1.4	64QAM	3	3	20.08	20.36	20.38		
1.4	64QAM	6	0	19.30	19.39	19.56	21	2.6
1.4	256QAM	1	0	17.39	17.46	17.58		
1.4	256QAM	1	3	17.17	17.46	17.45		
1.4	256QAM	1	5	17.17	17.37	17.45	19.2	4.4
1.4	256QAM	3	0	17.16	17.44	17.34		
1.4	256QAM	3	1	17.23	17.48	17.61		
1.4	256QAM	3	3	17.15	17.40	17.36		
1.4	256QAM	6	0	17.39	17.61	17.16	19.2	4.4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.54	17.66	17.59		
20	QPSK	1	49	17.61	17.50	17.53	19	0
20	QPSK	1	99	17.52	17.59	17.60		
20	QPSK	50	0	17.50	17.64	17.55		
20	QPSK	50	24	17.51	17.51	17.50	19	0
20	QPSK	50	50	17.52	17.61	17.59		
20	QPSK	100	0	17.57	17.61	17.56		
20	16QAM	1	0	17.54	17.59	17.63		
20	16QAM	1	49	17.53	17.60	17.52	19	0
20	16QAM	1	99	17.55	17.49	17.56		
20	16QAM	50	0	17.51	17.61	17.52		
20	16QAM	50	24	17.52	17.52	17.52	19	0
20	16QAM	50	50	17.56	17.49	17.60		
20	16QAM	100	0	17.61	17.49	17.50		
20	64QAM	1	0	17.48	17.59	17.56		
20	64QAM	1	49	17.51	17.63	17.55	19	0
20	64QAM	1	99	17.48	17.59	17.54		
20	64QAM	50	0	17.58	17.63	17.61		
20	64QAM	50	24	17.57	17.62	17.56	19	0
20	64QAM	50	50	17.53	17.52	17.52		
20	64QAM	100	0	17.54	17.59	17.55		
20	256QAM	1	0	17.55	17.61	17.60		
20	256QAM	1	49	17.53	17.53	17.56	19	0
20	256QAM	1	99	17.61	17.61	17.53		
20	256QAM	50	0	17.57	17.54	17.48		
20	256QAM	50	24	17.62	17.58	17.62	19	0
20	256QAM	50	50	17.62	17.62	17.53		
20	256QAM	100	0	17.62	17.53	17.54		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.52	17.61	17.50		
15	QPSK	1	37	17.53	17.61	17.55	19	0
15	QPSK	1	74	17.48	17.63	17.59		
15	QPSK	36	0	17.60	17.60	17.55		
15	QPSK	36	20	17.58	17.53	17.62	19	0
15	QPSK	36	39	17.52	17.54	17.48		
15	QPSK	75	0	17.52	17.59	17.54		
15	16QAM	1	0	17.52	17.50	17.49		
15	16QAM	1	37	17.54	17.48	17.57	19	0
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BW [MHz]	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	20.11	20.25	20.10	21.2	0
20	QPSK	1	49	20.23	20.14	20.16		
20	QPSK	1	99	20.13	20.08	20.11		
20	QPSK	50	0	20.12	20.21	20.10	21.2	0
20	QPSK	50	24	20.10	20.14	20.18		
20	QPSK	50	50	20.09	20.18	20.07		
20	QPSK	100	0	20.11	20.15	20.11		
20	16QAM	1	0	20.20	20.14	20.17	21.2	0
20	16QAM	1	49	20.12	20.23	20.20		
20	16QAM	1	99	20.21	20.23	20.14		
20	16QAM	50	0	20.09	20.18	20.20	21.2	0
20	16QAM	50	24	20.09	20.15	20.18		
20	16QAM	50	50	20.11	20.23	20.12		
20	16QAM	100	0	20.14	20.15	20.09		
20	64QAM	1	0	20.19	20.12	20.18	21.2	0
20	64QAM	1	49	20.13	20.09	20.08		
20	64QAM	1	99	20.07	20.14	20.22		
20	64QAM	50	0	20.11	20.12	20.19	21	0.2
20	64QAM	50	24	20.10	20.20	20.23		
20	64QAM	50	50	20.12	20.14	20.10		
20	64QAM	100	0	20.10	20.13	20.20		
20	256QAM	1	0	18.26	18.29	18.19	19	2.2
20	256QAM	1	49	18.18	18.28	18.27		
20	256QAM	1	99	18.18	18.28	18.18		
20	256QAM	50	0	18.26	18.26	18.20	19	2.2
20	256QAM	50	24	18.28	18.28	18.18		
20	256QAM	50	50	18.32	18.32	18.31		
20	256QAM	100	0	18.26	18.23	18.32		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.98	20.20	19.99	21.2	0
15	QPSK	1	37	20.20	20.03	20.04		
15	QPSK	1	74	20.02	19.96	20.06		
15	QPSK	36	0	19.94	20.18	19.96	21.2	0
15	QPSK	36	20	19.98	20.10	20.03		
15	QPSK	36	39	19.99	20.10	19.96		
15	QPSK	75	0	20.06	20.06	20.03		
15	16QAM	1	0	20.16	20.06	20.08	21.2	0
15	16QAM	1	37	20.01	20.18	20.12		
15	16QAM	1	74	20.08	20.20	19.97		
15	16QAM	36	0	20.00	20.15	20.03	21.2	0
15	16QAM	36	20	19.92	19.97	20.08		
15	16QAM	36	39	20.06	20.08	19.99		
15	16QAM	75	0	20.05	20.08	19.95		
15	64QAM	1	0	20.12	19.97	20.09	21.2	0
15	64QAM	1	37	19.99	19.93	20.01		
15	64QAM	1	74	19.91	20.00	20.11		
15	64QAM	36	0	20.03	20.04	20.06	21	0.2
15	64QAM	36	20	20.03	20.02	20.09		
15	64QAM	36	39	19.95	19.99	20.04		
15	64QAM	75	0	19.97	20.08	20.04		
15	256QAM	1	0	18.22	18.26	18.12	19	2.2
15	256QAM	1	37	18.15	18.17	18.11		
15	256QAM	1	74	18.14	18.13	18.03		
15	256QAM	36	0	18.09	18.11	18.12	19	2.2
15	256QAM	36	20	18.11	18.16	18.11		
15	256QAM	36	39	18.20	18.30	18.16		
15	256QAM	75	0	18.17	18.20	18.30		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.95	20.07	20.00	21.2	0
10	QPSK	1	25	20.10	20.08	20.07		
10	QPSK	1	49	20.09	20.01	20.09		
10	QPSK	25	0	20.09	20.12	20.04	21.2	0
10	QPSK	25	12	19.97	20.11	20.12		
10	QPSK	25	25	20.04	20.15	19.93		
10	QPSK	50	0	19.96	20.04	19.94		
10	16QAM	1	0	20.05	19.99	20.02	21.2	0
10	16QAM	1	25	19.96	20.19	20.16		
10	16QAM	1	49	20.15	20.19	20.06		
10	16QAM	25	0	19.91	20.07	20.11	21.2	0
10	16QAM	25	12	19.93	19.97	20.07		
10	16QAM	25	25	20.07	20.17	20.00		
10	16QAM	50	0	20.10	20.08	20.04		
10	64QAM	1	0	20.08	19.97	20.11	21.2	0
10	64QAM	1	25	20.08	19.94	19.99		
10	64QAM	1	49	19.90	19.99	20.11		
10	64QAM	25	0	20.08	19.98	20.08	21	0.2
10	64QAM	25	12	20.03	20.12	20.16		
10	64QAM	25	25	20.05	20.05	19.94		
10	64QAM	50	0	19.96	19.98	20.08		
10	256QAM	1	0	18.20	18.16	18.13	19	2.2
10	256QAM	1	25	18.02	18.15	18.24		
10	256QAM	1	49	18.10	18.11	18.08		
10	256QAM	25	0	18.16	18.15	18.17	19	2.2
10	256QAM	25	12	18.24	18.13	18.04		
10	256QAM	25	25	18.19	18.30	18.17		
10	256QAM	50	0	18.12	18.17	18.21		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.04	20.11	19.93	21.2	0
5	QPSK	1	12	20.08	20.06	19.98		
5	QPSK	1	24	20.07	19.95	20.06		
5	QPSK	12	0	20.01	20.17	19.93	21.2	0
5	QPSK	12	7	20.02	20.11	20.07		
5	QPSK	12	13	20.00	20.07	19.93		
5	QPSK	25	0	19.97	20.01	19.96		
5	16QAM	1	0	20.08	19.98	20.10	21.2	0
5	16QAM	1	12	19.97	20.10	20.03		
5	16QAM	1	24	20.15	20.18	19.98		
5	16QAM	12	0	19.94	20.03	20.11	21.2	0
5	16QAM	12	7	20.07	20.01	20.06		
5	16QAM	12	13	19.99	20.20	19.99		
5	16QAM	25	0	20.01	19.99	20.00		
5	64QAM	1	0	20.06	19.95	20.16	21.2	0
5	64QAM	1	12	20.06	20.02	19.91		
5	64QAM	1	24	19.92	20.05	20.16		
5	64QAM	12	0	20.07	19.99	20.14	21	0.2
5	64QAM	12	7	19.96	20.06	20.19		
5	64QAM	12	13	20.10	20.00	19.98		
5	64QAM	25	0	20.05	20.03	20.03		
5	256QAM	1	0	18.17	18.26	18.16	19	2.2
5	256QAM	1	12	18.15	18.14	18.23		
5	256QAM	1	24	18.09	18.22	18.11		
5	256QAM	12	0	18.09	18.21	18.08	19	2.2
5	256QAM	12	7	18.15	18.20	18.03		
5	256QAM	12	13	18.17	18.22	18.17		
5	256QAM	25	0	18.19	18.08	18.25		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.11	20.16	20.25	20.09	20.16	21.2	0
20	QPSK	1	49	20.10	20.08	20.20	20.17	20.09		
20	QPSK	1	99	20.08	20.19	20.14	20.12	20.13		
20	QPSK	50	0	20.14	20.19	20.23	20.11	20.10	21.2	0
20	QPSK	50	24	20.11	20.19	20.13	20.07	20.13		
20	QPSK	50	50	20.10	20.09	20.19	20.20	20.16		
20	QPSK	100	0	20.17	20.19	20.20	20.10	20.15		
20	16QAM	1	0	20.21	20.21	20.08	20.08	20.14	21.2	0
20	16QAM	1	49	20.18	20.12	20.20	20.16	20.16		
20	16QAM	1	99	20.13	20.15	20.17	20.13	20.10		
20	16QAM	50	0	20.20	20.21	20.18	20.22	20.11	21.2	0
20	16QAM	50	24	20.19	20.19	20.17	20.19	20.16		
20	16QAM	50	50	20.17	20.12	20.21	20.21	20.15		
20	16QAM	100	0	20.23	20.09	20.22	20.21	20.17		
20	64QAM	1	0	20.09	20.18	20.15	20.08	20.17	21.2	0
20	64QAM	1	49	20.19	20.22	20.17	20.22	20.19		
20	64QAM	1	99	20.13	20.16	20.11	20.16	20.22		
20	64QAM	50	0	20.11	20.19	20.08	20.15	20.16	21	0.2
20	64QAM	50	24	20.15	20.13	20.10	20.18	20.22		
20	64QAM	50	50	20.13	20.21	20.08	20.20	20.10		
20	64QAM	100	0	20.16	20.13	20.18	20.21	20.08		
20	256QAM	1	0	18.30	18.32	18.22	18.33	18.28	19	2.2
20	256QAM	1	49	18.24	18.20	18.17	18.24	18.20		
20	256QAM	1	99	18.24	18.31	18.28	18.32	18.25		
20	256QAM	50	0	18.27	18.18	18.27	18.24	18.18	19	2.2
20	256QAM	50	24	18.18	18.21	18.31	18.23	18.21		
20	256QAM	50	50	18.31	18.21	18.28	18.28	18.28		
20	256QAM	100	0	18.24	18.19	18.26	18.19	18.28		
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	19.96	20.13	20.15	19.97	20.12	21	0
15	QPSK	1	37	19.95	19.96	20.12	20.15	20.03		
15	QPSK	1	74	19.94	20.05	19.96	20.08	20.03		
15	QPSK	36	0	20.09	20.15	20.12	20.04	19.97	21.2	0
15	QPSK	36	20	20.02	20.05	19.97	20.00	19.99		
15	QPSK	36	39	20.04	20.03	20.14	20.08	20.00		
15	QPSK	75	0	20.14	20.09	20.11	20.01	19.98		
15	16QAM	1	0	20.06	20.12	19.94	19.96	20.08	21.2	0
15	16QAM	1	37	20.08	19.98	20.12	20.06	20.08		
15	16QAM	1	74	20.01	20.04	20.12	19.98	19.95		
15	16QAM	36	0	20.08	20.06	20.04	20.19	20.03	21.2	0
15	16QAM	36	20	20.15	20.13	20.15	20.15	20.06		
15	16QAM	36	39	20.09	20.02	20.11	20.04	20.01		
15	16QAM	75	0	20.09	20.05	20.07	20.12	20.06		
15	64QAM	1	0	19.93	20.07	20.13	20.00	20.03	21.2	0
15	64QAM	1	37	20.04	20.14	20.02	20.11	20.06		
15	64QAM	1	74	19.96	20.10	20.01	20.08	20.12		
15	64QAM	36	0	20.09	20.16	19.92	20.03	19.99	21	0.2
15	64QAM	36	20	20.01	20.02	20.05	20.15	20.13		
15	64QAM	36	39	19.99	20.18	19.97	20.14	19.92		
15	64QAM	75	0	20.13	20.08	20.15	20.03	20.03		
15	256QAM	1	0	18.12	18.21	18.19	18.19	18.20	19	2.2
15	256QAM	1	37	18.15	18.11	18.00	18.12	18.14		
15	256QAM	1	74	18.19	18.14	18.14	18.28	18.12		
15	256QAM	36	0	18.15	18.05	18.10	18.10	18.04	19	2.2
15	256QAM	36	20	18.09	18.11	18.19	18.19	18.05		
15	256QAM	36	39	18.19	18.17	18.18	18.22	18.16		
15	256QAM	75	0	18.16	18.17	18.24	18.08	18.25		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.01	20.09	20.07	19.97	20.13	21	0
10	QPSK	1	25	19.93	19.92	20.09	20.06	20.02		
10	QPSK	1	49	19.92	20.12	20.06	20.07	19.99		
10	QPSK	25	0	20.04	20.15	20.10	20.00	20.08	21.2	0
10	QPSK	25	12	20.03	20.06	19.97	19.97	20.02		
10	QPSK	25	25	19.95	19.95	20.02	20.16	20.08		
10	QPSK	50	0	20.04	20.05	20.03	20.04	20.01		
10	16QAM	1	0	20.15	20.16	20.03	20.04	20.03	21.2	0
10	16QAM	1	25	20.14	20.07	20.15	20.14	20.14		
10	16QAM	1	49	20.03	20.04	20.01	20.01	20.03		
10	16QAM	25	0	20.03	20.17	20.04	20.07	20.03	21.2	0
10	16QAM	25	12	20.16	20.12	20.10	20.04	20.14		
10	16QAM	25	25	20.05	20.10	20.15	20.06	20.04		
10	16QAM	50	0	20.07	19.91	20.17	20.10	20.01		
10	64QAM	1	0	19.95	20.00	20.07	19.99	20.09	21.2	0
10	64QAM	1	25	20.12	20.06	20.05	20.05	20.02		
10	64QAM	1	49	20.03	20.00	19.97	19.99	20.14		
10	64QAM	25	0	20.04	20.04	20.03	20.10	20.11	21	0.2
10	64QAM	25	12	20.07	20.02	20.03	20.11	20.15		
10	64QAM	25	25	20.11	20.17	19.97	20.13	20.05		
10	64QAM	50	0	20.09	20.05	20.14	20.18	19.98		
10	256QAM	1	0	18.25	18.28	18.05	18.28	18.17	19	2.2
10	256QAM	1	25	18.09	18.13	18.11	18.18	18.05		
10	256QAM	1	49	18.13	18.26	18.15	18.24	18.19		
10	256QAM	25	0	18.21	18.15	18.09	18.16	18.01	19	2.2
10	256QAM	25	12	18.10	18.19	18.26	18.09	18.09		
10	256QAM	25	25	18.17	18.05	18.22	18.14	18.25		
10	256QAM	50	0	18.09	18.05	18.18	18.15	18.14		
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	19.97	20.04	20.18	20.03	20.02	21	0
5	QPSK	1	12	19.95	19.92	20.12	20.02	19.94		
5	QPSK	1	24	20.03	20.02	20.04	19.98	20.06		
5	QPSK	12	0	20.01	20.03	20.11	19.97	20.04	21.2	0
5	QPSK	12	7	20.07	20.05	20.09	20.00	20.07		
5	QPSK	12	13	20.00	19.98	20.12	20.09	20.10		
5	QPSK	25	0	20.01	20.13	20.04	19.96	20.12		
5	16QAM	1	0	20.07	20.08	19.98	19.97	20.08	21.2	0
5	16QAM	1	12	20.00	19.99	20.03	20.00	20.11		
5	16QAM	1	24	19.98	20.08	20.00	20.03	20.04		
5	16QAM	12	0	20.14	20.03	20.06	20.05	20.07	21.2	0
5	16QAM	12	7	20.11	20.14	20.07	20.01	20.07		
5	16QAM	12	13	20.12	20.03	20.09	20.14	20.11		
5	16QAM	25	0	20.20	19.92	20.13	20.15	19.99		
5	64QAM	1	0	19.92	20.08	20.01	19.92	20.01	21.2	0
5	64QAM	1	12	20.14	20.06	20.00	20.14	20.10		
5	64QAM	1	24	19.98	20.12	20.05	20.01	20.10		
5	64QAM	12	0	19.96	20.11	20.01	20.09	20.04	21	0.2
5	64QAM	12	7	20.08	20.07	19.99	20.05	20.11		
5	64QAM	12	13	20.02	20.08	20.04	20.16	19.93		
5	64QAM	25	0	20.06	19.99	20.06	20.13	19.95		
5	256QAM	1	0	18.28	18.30	18.08	18.17	18.17	19	2.2
5	256QAM	1	12	18.17	18.10	18.08	18.13	18.18		
5	256QAM	1	24	18.11	18.27	18.21	18.29	18.11		
5	256QAM	12	0	18.23	18.04	18.22	18.15	18.01	19	2.2
5	256QAM	12	7	18.04	18.12	18.23	18.12	18.12		
5	256QAM	12	13	18.22	18.13	18.11	18.24	18.22		
5	256QAM	25	0	18.11	18.09	18.10	18.12	18.25		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.05	18.13	18.06	19.5	0
20	QPSK	1	49	18.02	17.97	18.10		
20	QPSK	1	99	18.02	17.97	18.00		
20	QPSK	50	0	18.06	18.10	18.08	19.5	0
20	QPSK	50	24	18.05	17.95	17.95		
20	QPSK	50	50	18.00	17.99	18.06		
20	QPSK	100	0	17.99	18.00	17.97		
20	16QAM	1	0	18.08	18.07	17.95	19.5	0
20	16QAM	1	49	18.01	18.10	17.96		
20	16QAM	1	99	17.96	18.03	18.07		
20	16QAM	50	0	17.96	17.98	18.07	19.5	0
20	16QAM	50	24	18.04	18.00	18.11		
20	16QAM	50	50	17.97	17.98	18.00		
20	16QAM	100	0	18.05	18.00	17.99		
20	64QAM	1	0	18.09	17.97	17.96	19.5	0
20	64QAM	1	49	18.03	17.96	18.05		
20	64QAM	1	99	18.00	18.11	18.03		
20	64QAM	50	0	17.95	17.99	17.96	19.5	0
20	64QAM	50	24	17.96	18.04	18.00		
20	64QAM	50	50	17.95	18.04	17.99		
20	64QAM	100	0	18.01	18.06	18.03		
20	256QAM	1	0	18.02	18.10	17.96	19	0.5
20	256QAM	1	49	18.08	18.08	18.03		
20	256QAM	1	99	18.04	17.95	18.06		
20	256QAM	50	0	17.96	18.05	17.95	19	0.5
20	256QAM	50	24	17.96	18.01	17.98		
20	256QAM	50	50	18.04	18.08	18.04		
20	256QAM	100	0	17.99	18.10	18.10		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.02	18.01	18.05	19.5	0
15	QPSK	1	37	18.04	18.05	18.06		
15	QPSK	1	74	18.07	18.09	18.01		
15	QPSK	36	0	18.05	18.02	18.09	19.5	0
15	QPSK	36	20	18.07	18.00	17.98		
15	QPSK	36	39	18.01	17.96	17.98		
15	QPSK	75	0	17.96	18.03	18.09		
15	16QAM	1	0	18.01	18.02	17.99	19.5	0
15	16QAM	1	37	17.98	17.98	17.99		
15	16QAM	1	74	18.07	18.09	18.06		
15	16QAM	36	0	18.03	18.08	18.05	19.5	0
15	16QAM	36	20	18.00	18.01	18.02		
15	16QAM	36	39	18.02	17.95	18.04		
15	16QAM	75	0	18.10	17.99	18.09		
15	64QAM	1	0	18.10	17.95	18.04	19.5	0
15	64QAM	1	37	18.04	18.07	17.99		
15	64QAM	1	74	18.06	18.00	18.08		
15	64QAM	36	0	17.98	18.09	18.06	19.5	0
15	64QAM	36	20	18.06	17.96	18.04		
15	64QAM	36	39	18.08	18.02	17.98		
15	64QAM	75	0	17.96	18.04	18.04		
15	256QAM	1	0	18.08	17.97	17.98	19	0.5
15	256QAM	1	37	17.98	18.08	17.96		
15	256QAM	1	74	18.10	18.01	18.09		
15	256QAM	36	0	18.04	17.99	18.10	19	0.5
15	256QAM	36	20	18.03	18.03	17.97		
15	256QAM	36	39	18.05	18.01	18.00		
15	256QAM	75	0	18.04	18.03	17.99		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.98	17.97	18.05	19.5	0
10	QPSK	1	25	18.05	18.05	18.02		
10	QPSK	1	49	18.01	18.01	18.03		
10	QPSK	25	0	18.08	18.09	18.01	19.5	0
10	QPSK	25	12	18.11	17.95	18.00		
10	QPSK	25	25	18.04	18.00	18.03		
10	QPSK	50	0	17.95	18.01	17.97		
10	16QAM	1	0	18.05	18.11	18.05	19.5	0
10	16QAM	1	25	18.06	18.11	17.99		
10	16QAM	1	49	17.96	18.06	17.97		
10	16QAM	25	0	17.98	17.99	18.11	19.5	0
10	16QAM	25	12	18.04	18.00	18.05		
10	16QAM	25	25	18.00	17.96	18.03		
10	16QAM	50	0	18.02	17.95	18.06		
10	64QAM	1	0	18.00	18.07	18.01	19.5	0
10	64QAM	1	25	18.04	18.04	17.97		
10	64QAM	1	49	18.06	17.99	18.07		
10	64QAM	25	0	17.99	18.03	18.05	19.5	0
10	64QAM	25	12	17.99	18.08	18.00		
10	64QAM	25	25	18.08	18.08	18.08		
10	64QAM	50	0	18.03	18.09	18.09		
10	256QAM	1	0	18.10	18.01	17.96	19	0.5
10	256QAM	1	25	18.06	18.04	18.05		
10	256QAM	1	49	18.03	18.01	18.08		
10	256QAM	25	0	18.05	17.99	18.06	19	0.5
10	256QAM	25	12	18.02	18.11	18.10		
10	256QAM	25	25	18.04	18.07	18.07		
10	256QAM	50	0	18.09	18.03	18.02		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.98	18.06	18.09	19.5	0
5	QPSK	1	12	17.95	17.97	18.10		
5	QPSK	1	24	18.10	18.10	18.00		
5	QPSK	12	0	18.01	18.10	18.06	19.5	0
5	QPSK	12	7	18.08	18.05	18.08		
5	QPSK	12	13	18.06	18.07	18.02		
5	QPSK	25	0	18.04	17.97	18.00		
5	16QAM	1	0	18.01	17.96	18.05	19.5	0
5	16QAM	1	12	17.98	18.02	18.02		
5	16QAM	1	24	18.01	18.01	18.05		
5	16QAM	12	0	18.04	18.00	18.01	19.5	0
5	16QAM	12	7	17.98	18.08	17.98		
5	16QAM	12	13	17.97	18.10	18.10		
5	16QAM	25	0	17.95	18.10	18.04		
5	64QAM	1	0	18.05	18.04	18.08	19.5	0
5	64QAM	1	12	18.06	17.98	18.01		
5	64QAM	1	24	18.09	18.00	18.02		
5	64QAM	12	0	18.05	17.96	18.09	19.5	0
5	64QAM	12	7	17.96	18.06	18.01		
5	64QAM	12	13	18.06	18.03	18.06		
5	64QAM	25	0	18.03	17.97	18.09		
5	256QAM	1	0	18.03	18.04	17.96	19	0.5
5	256QAM	1	12	18.07	18.00	17.99		
5	256QAM	1	24	18.08	18.02	18.02		
5	256QAM	12	0	18.05	18.04	18.01	19	0.5
5	256QAM	12	7	18.02	18.06	18.03		
5	256QAM	12	13	17.97	17.97	18.05		
5	256QAM	25	0	18.03	18.10	17.99		

Reduced Power Mode for ECI 6

GSM850 Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.62	31.52	31.48	33.00	22.62	22.52	22.48	24.00
GPRS 1 Tx slot	31.74	31.63	31.60	33.00	22.74	22.63	22.60	24.00
GPRS 2 Tx slots	30.23	30.08	30.05	31.00	24.23	24.08	24.05	25.00
GPRS 3 Tx slots	28.30	28.34	28.39	29.50	24.04	24.08	24.13	25.24
GPRS 4 Tx slots	27.25	27.16	27.15	28.50	24.25	24.16	24.15	25.50
EDGE 1 Tx slot	26.18	26.20	26.16	27.00	17.18	17.20	17.16	18.00
EDGE 2 Tx slots	24.41	24.65	24.63	25.50	18.41	18.65	18.63	19.50
EDGE 3 Tx slots	22.61	22.78	22.73	24.00	18.35	18.52	18.47	19.74
EDGE 4 Tx slots	20.98	21.02	21.03	22.00	17.98	18.02	18.03	19.00

Band		WCDMA V Ant0			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	22.29	22.46	22.46	24.00
3GPP Rel 99	RMC 12.2Kbps	22.53	22.58	22.49	24.00
3GPP Rel 6	HSDPA Subtest-1	21.44	21.64	21.68	22.50
3GPP Rel 6	HSDPA Subtest-2	21.56	21.67	21.63	22.50
3GPP Rel 6	HSDPA Subtest-3	21.04	21.09	21.07	22.00
3GPP Rel 6	HSDPA Subtest-4	21.05	21.04	21.13	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	21.40	21.49	21.64	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.46	21.52	21.55	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	20.88	21.15	20.98	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.08	21.10	21.02	22.00
3GPP Rel 6	HSUPA Subtest-1	21.47	21.52	21.54	22.50
3GPP Rel 6	HSUPA Subtest-2	19.63	19.49	19.62	20.50
3GPP Rel 6	HSUPA Subtest-3	20.58	20.53	20.58	21.50
3GPP Rel 6	HSUPA Subtest-4	19.50	19.73	19.59	20.50
3GPP Rel 6	HSUPA Subtest-5	21.50	21.60	21.57	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.95	19.00	19.06	20.00

Band 5 Ant0

BW [MHz]	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	22.37	22.49	22.36		
10	QPSK	1	25	22.41	22.34	22.31	24	0
10	QPSK	1	49	22.23	22.36	22.31		
10	QPSK	25	0	21.49	21.51	21.38		
10	QPSK	25	12	21.48	21.48	21.48	23	1
10	QPSK	25	25	21.47	21.46	21.40		
10	QPSK	50	0	21.39	21.46	21.36		
10	16QAM	1	0	21.70	21.78	21.70		
10	16QAM	1	25	21.77	21.85	21.77	23	1
10	16QAM	1	49	21.67	21.71	21.91		
10	16QAM	25	0	20.28	20.50	20.48		
10	16QAM	25	12	20.26	20.47	20.48	22	2
10	16QAM	25	25	20.29	20.37	20.49		
10	16QAM	50	0	20.52	20.51	20.51		
10	64QAM	1	0	20.19	20.36	20.38		
10	64QAM	1	25	20.39	20.61	20.25	22	2
10	64QAM	1	49	20.24	20.42	20.62		
10	64QAM	25	0	19.37	19.44	19.49		
10	64QAM	25	12	19.29	19.55	19.54	21	3
10	64QAM	25	25	19.40	19.38	19.58		
10	64QAM	50	0	19.45	19.32	19.59		
10	256QAM	1	0	17.38	17.52	17.53		
10	256QAM	1	25	17.36	17.43	17.26	19	5
10	256QAM	1	49	17.29	17.46	17.54		
10	256QAM	25	0	17.40	17.44	17.28		
10	256QAM	25	12	17.45	17.40	17.46	19	5
10	256QAM	25	25	17.44	17.50	17.42		
10	256QAM	50	0	17.50	17.33	17.63		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.32	22.44	22.25		
5	QPSK	1	12	22.29	22.32	22.27	24	0
5	QPSK	1	24	22.15	22.30	22.16		
5	QPSK	12	0	21.35	21.47	21.22		
5	QPSK	12	7	21.46	21.37	21.36	23	1
5	QPSK	12	13	21.36	21.42	21.38		
5	QPSK	25	0	21.30	21.34	21.32		
5	16QAM	1	0	21.60	21.71	21.67		
5	16QAM	1	12	21.75	21.82	21.63	23	1
5	16QAM	1	24	21.52	21.67	21.78		
5	16QAM	12	0	20.22	20.48	20.33		
5	16QAM	12	7	20.12	20.38	20.41	22	2
5	16QAM	12	13	20.22	20.21	20.35		
5	16QAM	25	0	20.35	20.48	20.48		
5	64QAM	1	0	20.14	20.29	20.22		
5	64QAM	1	12	20.25	20.49	20.18	22	2
5	64QAM	1	24	20.21	20.30	20.54		
5	64QAM	12	0	19.19	19.27	19.36		
5	64QAM	12	7	19.18	19.48	19.40	21	3
5	64QAM	12	13	19.31	19.24	19.43		
5	64QAM	25	0	19.36	19.30	19.55		
5	256QAM	1	0	17.35	17.50	17.46		
5	256QAM	1	12	17.29	17.34	17.10	19	5
5	256QAM	1	24	17.16	17.42	17.37		
5	256QAM	12	0	17.26	17.30	17.19		
5	256QAM	12	7	17.30	17.31	17.41	19	5
5	256QAM	12	13	17.37	17.43	17.38		
5	256QAM	25	0	17.33	17.17	17.59		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.27	22.41	22.22		
3	QPSK	1	8	22.36	22.27	22.27	24	0
3	QPSK	1	14	22.14	22.25	22.26		
3	QPSK	8	0	21.44	21.33	21.29		
3	QPSK	8	4	21.44	21.36	21.37	23	1
3	QPSK	8	7	21.30	21.32	21.34		
3	QPSK	15	0	21.36	21.39	21.28		
3	16QAM	1	0	21.67	21.71	21.66		
3	16QAM	1	8	21.74	21.82	21.70	23	1
3	16QAM	1	14	21.55	21.62	21.77		
3	16QAM	8	0	20.11	20.41	20.42		
3	16QAM	8	4	20.20	20.30	20.46	22	2
3	16QAM	8	7	20.14	20.22	20.40		
3	16QAM	15	0	20.40	20.43	20.44		
3	64QAM	1	0	20.14	20.20	20.24		
3	64QAM	1	8	20.26	20.53	20.08	22	2
3	64QAM	1	14	20.11	20.39	20.48		
3	64QAM	8	0	19.29	19.34	19.35		
3	64QAM	8	4	19.16	19.46	19.42	21	3
3	64QAM	8	7	19.32	19.35	19.42		
3	64QAM	15	0	19.31	19.28	19.44		
3	256QAM	1	0	17.32	17.47	17.51		
3	256QAM	1	8	17.18	17.40	17.12	19	5
3	256QAM	1	14	17.14	17.32	17.39		
3	256QAM	8	0	17.30	17.38	17.18		
3	256QAM	8	4	17.36	17.23	17.39	19	5
3	256QAM	8	7	17.27	17.43	17.33		
3	256QAM	15	0	17.42	17.28	17.60		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.28	22.41	22.21		
1.4	QPSK	1	3	22.36	22.31	22.18		
1.4	QPSK	1	5	22.11	22.24	22.15	24	0
1.4	QPSK	3	0	22.10	22.29	22.09		
1.4	QPSK	3	1	22.30	22.17	22.05		
1.4	QPSK	3	3	22.06	22.16	22.02		
1.4	QPSK	6	0	21.35	21.41	21.34	23	1
1.4	16QAM	1	0	21.62	21.71	21.56		
1.4	16QAM	1	3	21.74	21.78	21.64		
1.4	16QAM	1	5	21.58	21.57	21.76	23	1
1.4	16QAM	3	0	21.47	21.68	21.48		
1.4	16QAM	3	1	21.68	21.62	21.47		
1.4	16QAM	3	3	21.50	21.47	21.70		
1.4	16QAM	6	0	20.39	20.46	20.40	22	2
1.4	64QAM	1	0	20.11	20.23	20.36		
1.4	64QAM	1	3	20.22	20.48	20.12		
1.4	64QAM	1	5	20.20	20.37	20.58	22	2
1.4	64QAM	3	0	20.06	20.17	20.27		
1.4	64QAM	3	1	20.09	20.41	20.09		
1.4	64QAM	3	3	20.05	20.33	20.49		
1.4	64QAM	6	0	19.43	19.30	19.42	21	3
1.4	256QAM	1	0	17.32	17.45	17.47		
1.4	256QAM	1	3	17.33	17.35	17.19		
1.4	256QAM	1	5	17.12	17.40	17.42	19	5
1.4	256QAM	3	0	17.30	17.41	17.10		
1.4	256QAM	3	1	17.35	17.31	17.43		
1.4	256QAM	3	3	17.39	17.32	17.34		
1.4	256QAM	6	0	17.33	17.21	17.54	19	5

Band 12 Ant0

BW [MHz]	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	22.55	22.61	22.50		
10	QPSK	1	25	22.59	22.47	22.50	24	0
10	QPSK	1	49	22.43	22.51	22.47		
10	QPSK	25	0	21.65	21.67	21.54		
10	QPSK	25	12	21.57	21.61	21.64	23	1
10	QPSK	25	25	21.64	21.62	21.54		
10	QPSK	50	0	21.58	21.60	21.43		
10	16QAM	1	0	21.91	21.93	21.99		
10	16QAM	1	25	21.98	21.96	21.96	23	1
10	16QAM	1	49	21.91	22.02	21.95		
10	16QAM	25	0	20.49	20.69	20.58		
10	16QAM	25	12	20.52	20.70	20.52	22	2
10	16QAM	25	25	20.59	20.54	20.78		
10	16QAM	50	0	20.67	20.54	20.61		
10	64QAM	1	0	20.45	20.62	20.54		
10	64QAM	1	25	20.56	20.70	20.45	22	2
10	64QAM	1	49	20.50	20.52	20.75		
10	64QAM	25	0	19.45	19.58	19.60		
10	64QAM	25	12	19.44	19.65	19.71	21	3
10	64QAM	25	25	19.64	19.46	19.76		
10	64QAM	50	0	19.61	19.51	19.77		
10	256QAM	1	0	17.54	17.61	17.74		
10	256QAM	1	25	17.49	17.70	17.55	19	5
10	256QAM	1	49	17.45	17.71	17.70		
10	256QAM	25	0	17.49	17.65	17.60		
10	256QAM	25	12	17.62	17.60	17.70	19	5
10	256QAM	25	25	17.69	17.61	17.66		
10	256QAM	50	0	17.65	17.60	17.82		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.44	22.56	22.47		
5	QPSK	1	12	22.43	22.33	22.45	24	0
5	QPSK	1	24	22.33	22.44	22.38		
5	QPSK	12	0	21.48	21.56	21.51		
5	QPSK	12	7	21.48	21.51	21.59	23	1
5	QPSK	12	13	21.55	21.55	21.48		
5	QPSK	25	0	21.48	21.55	21.41		
5	16QAM	1	0	21.77	21.82	21.93		
5	16QAM	1	12	21.81	21.89	21.84	23	1
5	16QAM	1	24	21.85	21.99	21.79		
5	16QAM	12	0	20.34	20.53	20.48		
5	16QAM	12	7	20.43	20.58	20.38	22	2
5	16QAM	12	13	20.53	20.48	20.75		
5	16QAM	25	0	20.51	20.36	20.48		
5	64QAM	1	0	20.34	20.58	20.42		
5	64QAM	1	12	20.39	20.56	20.29	22	2
5	64QAM	1	24	20.34	20.40	20.68		
5	64QAM	12	0	19.30	19.50	19.50		
5	64QAM	12	7	19.28	19.57	19.62	21	3
5	64QAM	12	13	19.48	19.30	19.59		
5	64QAM	25	0	19.55	19.36	19.62		
5	256QAM	1	0	17.42	17.55	17.67		
5	256QAM	1	12	17.42	17.67	17.38	19	5
5	256QAM	1	24	17.36	17.58	17.58		
5	256QAM	12	0	17.37	17.62	17.47		
5	256QAM	12	7	17.59	17.54	17.55	19	5
5	256QAM	12	13	17.55	17.53	17.49		
5	256QAM	25	0	17.52	17.52	17.69		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.46	22.48	22.45		
3	QPSK	1	8	22.56	22.39	22.36	24	0
3	QPSK	1	14	22.28	22.42	22.40		
3	QPSK	8	0	21.51	21.52	21.42		
3	QPSK	8	4	21.41	21.49	21.52	23	1
3	QPSK	8	7	21.50	21.45	21.46		
3	QPSK	15	0	21.42	21.50	21.29		
3	16QAM	1	0	21.87	21.76	21.93		
3	16QAM	1	8	21.90	21.78	21.93	23	1
3	16QAM	1	14	21.89	21.86	21.84		
3	16QAM	8	0	20.35	20.62	20.42		
3	16QAM	8	4	20.45	20.56	20.37	22	2
3	16QAM	8	7	20.51	20.39	20.75		
3	16QAM	15	0	20.63	20.51	20.51		
3	64QAM	1	0	20.28	20.52	20.38		
3	64QAM	1	8	20.51	20.58	20.36	22	2
3	64QAM	1	14	20.41	20.49	20.70		
3	64QAM	8	0	19.29	19.41	19.47		
3	64QAM	8	4	19.30	19.51	19.54	21	3
3	64QAM	8	7	19.58	19.42	19.62		
3	64QAM	15	0	19.50	19.45	19.63		
3	256QAM	1	0	17.46	17.59	17.63		
3	256QAM	1	8	17.46	17.55	17.40	19	5
3	256QAM	1	14	17.43	17.56	17.57		
3	256QAM	8	0	17.40	17.62	17.44		
3	256QAM	8	4	17.59	17.52	17.66	19	5
3	256QAM	8	7	17.63	17.52	17.56		
3	256QAM	15	0	17.62	17.45	17.73		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.48	22.47	22.37		
1.4	QPSK	1	3	22.43	22.41	22.48		
1.4	QPSK	1	5	22.31	22.38	22.38	24	0
1.4	QPSK	3	0	22.30	22.35	22.24		
1.4	QPSK	3	1	22.36	22.33	22.32		
1.4	QPSK	3	3	22.17	22.33	22.28		
1.4	QPSK	6	0	21.56	21.52	21.30	23	1
1.4	16QAM	1	0	21.75	21.86	21.96		
1.4	16QAM	1	3	21.86	21.82	21.81		
1.4	16QAM	1	5	21.78	21.99	21.82	23	1
1.4	16QAM	3	0	21.61	21.83	21.90		
1.4	16QAM	3	1	21.79	21.73	21.65		
1.4	16QAM	3	3	21.61	21.84	21.76		
1.4	16QAM	6	0	20.53	20.47	20.58	22	2
1.4	64QAM	1	0	20.39	20.56	20.38		
1.4	64QAM	1	3	20.42	20.53	20.28		
1.4	64QAM	1	5	20.37	20.38	20.72	22	2
1.4	64QAM	3	0	20.34	20.40	20.33		
1.4	64QAM	3	1	20.34	20.44	20.16		
1.4	64QAM	3	3	20.21	20.30	20.60		
1.4	64QAM	6	0	19.58	19.39	19.71	21	3
1.4	256QAM	1	0	17.51	17.57	17.67		
1.4	256QAM	1	3	17.32	17.59	17.52		
1.4	256QAM	1	5	17.29	17.68	17.64	19	5
1.4	256QAM	3	0	17.31	17.48	17.46		
1.4	256QAM	3	1	17.52	17.43	17.62		
1.4	256QAM	3	3	17.64	17.56	17.50		
1.4	256QAM	6	0	17.51	17.55	17.72	19	5

Band 13 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23180	23230			
Frequency (MHz)				782				
10	QPSK	1	0	22.69	22.86	22.66		
10	QPSK	1	25	22.81	22.73	22.79	24	0
10	QPSK	1	49	22.60	22.75	22.75		
10	QPSK	25	0	21.89	21.91	21.67		
10	QPSK	25	12	21.73	21.78	21.84	23	1
10	QPSK	25	25	21.77	21.77	21.63		
10	QPSK	50	0	21.78	21.83	21.72		
10	16QAM	1	0	22.05	22.04	22.14		
10	16QAM	1	25	22.10	22.20	22.12	23	1
10	16QAM	1	49	21.97	22.06	22.22		
10	16QAM	25	0	20.64	20.88	20.88		
10	16QAM	25	12	20.67	20.89	20.74	22	2
10	16QAM	25	25	20.70	20.72	20.88		
10	16QAM	50	0	20.87	20.76	20.88		
10	64QAM	1	0	20.68	20.72	20.84		
10	64QAM	1	25	20.77	20.88	20.65	22	2
10	64QAM	1	49	20.66	20.73	20.88		
10	64QAM	25	0	19.72	19.80	19.71		
10	64QAM	25	12	19.71	19.90	19.84	21	3
10	64QAM	25	25	19.83	19.67	19.93		
10	64QAM	50	0	19.81	19.80	19.80		
10	256QAM	1	0	17.65	17.79	17.94		
10	256QAM	1	25	17.80	17.82	17.71	19	5
10	256QAM	1	49	17.62	17.93	17.81		
10	256QAM	25	0	17.74	17.86	17.75		
10	256QAM	25	12	17.79	17.76	17.82	19	5
10	256QAM	25	25	17.86	17.71	17.86		
10	256QAM	50	0	17.83	17.63	17.96		
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.65	22.70	22.55		
5	QPSK	1	12	22.70	22.64	22.70	24	0
5	QPSK	1	24	22.46	22.58	22.69		
5	QPSK	12	0	21.76	21.83	21.62		
5	QPSK	12	7	21.66	21.60	21.74	23	1
5	QPSK	12	13	21.69	21.72	21.53		
5	QPSK	25	0	21.75	21.79	21.56		
5	16QAM	1	0	22.00	21.99	22.07		
5	16QAM	1	12	22.04	22.08	22.03	23	1
5	16QAM	1	24	21.94	21.96	22.09		
5	16QAM	12	0	20.52	20.72	20.82		
5	16QAM	12	7	20.61	20.87	20.63	22	2
5	16QAM	12	13	20.63	20.57	20.78		
5	16QAM	25	0	20.84	20.61	20.81		
5	64QAM	1	0	20.59	20.62	20.72		
5	64QAM	1	12	20.66	20.83	20.59	22	2
5	64QAM	1	24	20.48	20.62	20.77		
5	64QAM	12	0	19.58	19.67	19.53		
5	64QAM	12	7	19.68	19.85	19.70	21	3
5	64QAM	12	13	19.72	19.53	19.81		
5	64QAM	25	0	19.72	19.71	19.75		
5	256QAM	1	0	17.49	17.66	17.82		
5	256QAM	1	12	17.77	17.71	17.84	19	5
5	256QAM	1	24	17.58	17.77	17.66		
5	256QAM	12	0	17.65	17.75	17.68		
5	256QAM	12	7	17.68	17.61	17.79	19	5
5	256QAM	12	13	17.76	17.66	17.74		
5	256QAM	25	0	17.80	17.49	17.88		

Band 17

BW [MHz]	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	22.49	22.53	22.47		
10	QPSK	1	25	22.37	22.49	22.37	24	0
10	QPSK	1	49	22.51	22.41	22.48		
10	QPSK	25	0	21.53	21.60	21.53		
10	QPSK	25	12	21.51	21.51	21.44	23	1
10	QPSK	25	25	21.56	21.42	21.42		
10	QPSK	50	0	21.49	21.56	21.39		
10	16QAM	1	0	21.38	21.57	21.40		
10	16QAM	1	25	21.65	21.59	21.58	23	1
10	16QAM	1	49	21.49	21.57	21.52		
10	16QAM	25	0	20.55	20.67	20.55		
10	16QAM	25	12	20.55	20.66	20.37	22	2
10	16QAM	25	25	20.57	20.72	20.37		
10	16QAM	50	0	20.44	20.48	20.42		
10	64QAM	1	0	20.51	20.53	20.45		
10	64QAM	1	25	20.44	20.42	20.55	22	2
10	64QAM	1	49	20.52	20.46	20.33		
10	64QAM	25	0	19.42	19.57	19.46		
10	64QAM	25	12	19.47	19.48	19.60	21	3
10	64QAM	25	25	19.50	19.44	19.45		
10	64QAM	50	0	19.56	19.43	19.42		
10	256QAM	1	0	17.51	17.49	17.34		
10	256QAM	1	25	17.49	17.66	17.56	19	5
10	256QAM	1	49	17.41	17.46	17.35		
10	256QAM	25	0	17.43	17.39	17.56		
10	256QAM	25	12	17.54	17.46	17.40	19	5
10	256QAM	25	25	17.54	17.49	17.57		
10	256QAM	50	0	17.62	17.52	17.44		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.34	22.41	22.34		
5	QPSK	1	12	22.27	22.36	22.24	24	0
5	QPSK	1	24	22.44	22.30	22.43		
5	QPSK	12	0	21.44	21.55	21.36		
5	QPSK	12	7	21.38	21.40	21.41	23	1
5	QPSK	12	13	21.43	21.30	21.32		
5	QPSK	25	0	21.33	21.49	21.31		
5	16QAM	1	0	21.32	21.53	21.31		
5	16QAM	1	12	21.57	21.43	21.50	23	1
5	16QAM	1	24	21.40	21.43	21.43		
5	16QAM	12	0	20.53	20.64	20.44		
5	16QAM	12	7	20.42	20.52	20.29	22	2
5	16QAM	12	13	20.45	20.57	20.20		
5	16QAM	25	0	20.30	20.37	20.33		
5	64QAM	1	0	20.34	20.44	20.40		
5	64QAM	1	12	20.33	20.29	20.38	22	2
5	64QAM	1	24	20.41	20.39	20.16		
5	64QAM	12	0	19.31	19.53	19.39		
5	64QAM	12	7	19.43	19.42	19.51	21	3
5	64QAM	12	13	19.47	19.33	19.39		
5	64QAM	25	0	19.49	19.34	19.38		
5	256QAM	1	0	17.42	17.40	17.29		
5	256QAM	1	12	17.32	17.52	17.43	19	5
5	256QAM	1	24	17.34	17.41	17.17		
5	256QAM	12	0	17.26	17.28	17.39		
5	256QAM	12	7	17.42	17.35	17.27	19	5
5	256QAM	12	13	17.41	17.40	17.50		
5	256QAM	25	0	17.53	17.38	17.38		

Band 26 for FCC

BW [MHz]	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	22.62	22.65	22.59		
15	QPSK	1	37	22.47	22.64	22.48	24	0
15	QPSK	1	74	22.62	22.55	22.47		
15	QPSK	36	0	21.61	21.64	21.60		
15	QPSK	36	20	21.61	21.57	21.59	23	1
15	QPSK	36	39	21.61	21.60	21.53		
15	QPSK	75	0	21.66	21.73	21.40		
15	16QAM	1	0	21.56	21.61	21.52		
15	16QAM	1	37	21.65	21.73	21.59	23	1
15	16QAM	1	74	21.55	21.68	21.59		
15	16QAM	36	0	20.52	20.67	20.68		
15	16QAM	36	20	20.59	20.68	20.46	22	2
15	16QAM	36	39	20.54	20.82	20.41		
15	16QAM	75	0	20.50	20.63	20.52		
15	64QAM	1	0	20.60	20.69	20.55		
15	64QAM	1	37	20.59	20.53	20.61	22	2
15	64QAM	1	74	20.65	20.55	20.53		
15	64QAM	36	0	19.46	19.63	19.63		
15	64QAM	36	20	19.48	19.60	19.55	21	3
15	64QAM	36	39	19.66	19.61	19.58		
15	64QAM	75	0	19.63	19.57	19.60		
15	256QAM	1	0	17.67	17.70	17.46		
15	256QAM	1	37	17.53	17.77	17.64	19	5
15	256QAM	1	74	17.51	17.57	17.44		
15	256QAM	36	0	17.52	17.51	17.68		
15	256QAM	36	20	17.56	17.52	17.51	19	5
15	256QAM	36	39	17.59	17.70	17.69		
15	256QAM	75	0	17.61	17.58	17.56		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.56	22.47	22.43		
10	QPSK	1	25	22.35	22.56	22.33	24	0
10	QPSK	1	49	22.54	22.50	22.32		
10	QPSK	25	0	21.51	21.53	21.57		
10	QPSK	25	12	21.46	21.45	21.45	23	1
10	QPSK	25	25	21.56	21.42	21.44		
10	QPSK	50	0	21.48	21.68	21.27		
10	16QAM	1	0	21.53	21.58	21.42		
10	16QAM	1	25	21.52	21.65	21.54	23	1
10	16QAM	1	49	21.37	21.63	21.51		
10	16QAM	25	0	20.47	20.61	20.63		
10	16QAM	25	12	20.43	20.55	20.31	22	2
10	16QAM	25	25	20.45	20.77	20.34		
10	16QAM	50	0	20.47	20.47	20.43		
10	64QAM	1	0	20.48	20.61	20.43		
10	64QAM	1	25	20.45	20.47	20.59	22	2
10	64QAM	1	49	20.56	20.45	20.43		
10	64QAM	25	0	19.39	19.59	19.58		
10	64QAM	25	12	19.36	19.56	19.40	21	3
10	64QAM	25	25	19.63	19.43	19.47		
10	64QAM	50	0	19.59	19.53	19.52		
10	256QAM	1	0	17.53	17.56	17.38		
10	256QAM	1	25	17.44	17.61	17.54	19	5
10	256QAM	1	49	17.49	17.45	17.33		
10	256QAM	25	0	17.42	17.41	17.62		
10	256QAM	25	12	17.51	17.38	17.48	19	5
10	256QAM	25	25	17.48	17.65	17.59		
10	256QAM	50	0	17.53	17.40	17.51		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.54	22.47	22.52		
5	QPSK	1	12	22.39	22.56	22.33	24	0
5	QPSK	1	24	22.60	22.51	22.44		
5	QPSK	12	0	21.45	21.58	21.48		
5	QPSK	12	7	21.55	21.47	21.44	23	1
5	QPSK	12	13	21.54	21.44	21.45		
5	QPSK	25	0	21.56	21.61	21.37		
5	16QAM	1	0	21.52	21.52	21.41		
5	16QAM	1	12	21.62	21.60	21.44	23	1
5	16QAM	1	24	21.49	21.64	21.52		
5	16QAM	12	0	20.37	20.52	20.51		
5	16QAM	12	7	20.50	20.60	20.40	22	2
5	16QAM	12	13	20.49	20.80	20.35		
5	16QAM	25	0	20.37	20.54	20.36		
5	64QAM	1	0	20.55	20.57	20.43		
5	64QAM	1	12	20.51	20.36	20.49	22	2
5	64QAM	1	24	20.53	20.45	20.39		
5	64QAM	12	0	19.33	19.49	19.54		
5	64QAM	12	7	19.43	19.53	19.52	21	3
5	64QAM	12	13	19.57	19.58	19.45		
5	64QAM	25	0	19.49	19.54	19.52		
5	256QAM	1	0	17.51	17.53	17.43		
5	256QAM	1	12	17.42	17.70	17.60	19	5
5	256QAM	1	24	17.36	17.54	17.32		
5	256QAM	12	0	17.48	17.49	17.59		
5	256QAM	12	7	17.51	17.44	17.45	19	5
5	256QAM	12	13	17.51	17.63	17.56		
5	256QAM	25	0	17.52	17.42	17.54		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.51	22.61	22.55		
3	QPSK	1	8	22.42	22.56	22.40	24	0
3	QPSK	1	14	22.49	22.48	22.43		
3	QPSK	8	0	21.46	21.51	21.52		
3	QPSK	8	4	21.50	21.50	21.42	23	1
3	QPSK	8	7	21.49	21.57	21.37		
3	QPSK	15	0	21.57	21.62	21.27		
3	16QAM	1	0	21.50	21.58	21.40		
3	16QAM	1	8	21.58	21.65	21.53	23	1
3	16QAM	1	14	21.49	21.58	21.45		
3	16QAM	8	0	20.42	20.60	20.52		
3	16QAM	8	4	20.57	20.64	20.39	22	2
3	16QAM	8	7	20.43	20.73	20.33		
3	16QAM	15	0	20.40	20.46	20.39		
3	64QAM	1	0	20.50	20.52	20.39		
3	64QAM	1	8	20.48	20.38	20.57	22	2
3	64QAM	1	14	20.63	20.44	20.43		
3	64QAM	8	0	19.41	19.55	19.56		
3	64QAM	8	4	19.35	19.55	19.43	21	3
3	64QAM	8	7	19.48	19.54	19.52		
3	64QAM	15	0	19.49	19.44	19.51		
3	256QAM	1	0	17.52	17.52	17.33		
3	256QAM	1	8	17.38	17.64	17.54	19	5
3	256QAM	1	14	17.35	17.50	17.28		
3	256QAM	8	0	17.40	17.44	17.54		
3	256QAM	8	4	17.51	17.49	17.39	19	5
3	256QAM	8	7	17.50	17.66	17.51		
3	256QAM	15	0	17.45	17.43	17.53		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.59	22.52	22.56		
1.4	QPSK	1	3	22.39	22.55	22.36		
1.4	QPSK	1	5	22.57	22.46	22.34	24	0
1.4	QPSK	3	0	22.42	22.48	22.42		
1.4	QPSK	3	1	22.31	22.38	22.33		
1.4	QPSK	3	3	22.50	22.39	22.20		
1.4	QPSK	6	0	21.52	21.63	21.37	23	1
1.4	16QAM	1	0	21.45	21.49	21.43		
1.4	16QAM	1	3	21.57	21.67	21.46		
1.4	16QAM	1	5	21.48	21.58	21.43	23	1
1.4	16QAM	3	0	21.37	21.33	21.27		
1.4	16QAM	3	1	21.48	21.57	21.41		
1.4	16QAM	3	3	21.38	21.56	21.29		
1.4	16QAM	6	0	20.38	20.55	20.41	22	2
1.4	64QAM	1	0	20.50	20.59	20.40		
1.4	64QAM	1	3	20.56	20.35	20.57		
1.4	64QAM	1	5	20.47	20.39	20.37	22	2
1.4	64QAM	3	0	20.47	20.56	20.28		
1.4	64QAM	3	1	20.47	20.33	20.42		
1.4	64QAM	3	3	20.37	20.21	20.21		
1.4	64QAM	6	0	19.48	19.46	19.47	21	3
1.4	256QAM	1	0	17.55	17.58	17.30		
1.4	256QAM	1	3	17.36	17.74	17.62		
1.4	256QAM	1	5	17.49	17.53	17.29	19	5
1.4	256QAM	3	0	17.46	17.45	17.62		
1.4	256QAM	3	1	17.40	17.42	17.39		
1.4	256QAM	3	3	17.48	17.58	17.62		
1.4	256QAM	6	0	17.55	17.51	17.50	19	5

GSM1900 Ant1	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	28.42	28.52	28.43	29.50	19.42	19.52	19.43	20.50
GPRS 1 Tx slot	28.39	28.49	28.36	29.50	19.39	19.49	19.36	20.50
GPRS 2 Tx slots	26.86	26.92	26.84	28.00	20.86	20.92	20.84	22.00
GPRS 3 Tx slots	25.39	25.39	25.36	26.50	21.13	21.13	21.10	22.24
GPRS 4 Tx slots	23.89	23.90	23.83	25.00	20.89	20.90	20.83	22.00
EDGE 1 Tx slot	23.15	23.23	22.99	24.00	14.15	14.23	13.99	15.00
EDGE 2 Tx slots	21.43	21.48	21.24	22.50	15.43	15.48	15.24	16.50
EDGE 3 Tx slots	19.61	19.70	19.36	20.50	15.35	15.44	15.10	16.24
EDGE 4 Tx slots	17.69	17.93	17.65	18.50	14.69	14.93	14.65	15.50

Band		WCDMA II Ant1			Tune-up Limit (dBm)	WCDMA IV Ant1			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	21.87	22.05	21.91	23.10	19.88	19.97	19.88	21.10
3GPP Rel 99	RMC 12.2Kbps	22.04	22.10	22.08	23.10	19.99	20.05	19.98	21.10
3GPP Rel 6	HSDPA Subtest-1	21.01	21.12	21.13	22.10	18.91	19.07	18.99	20.10
3GPP Rel 6	HSDPA Subtest-2	21.05	21.17	21.09	22.10	18.91	19.01	19.05	20.10
3GPP Rel 6	HSDPA Subtest-3	20.57	20.59	20.64	21.60	18.45	18.57	18.54	19.60
3GPP Rel 6	HSDPA Subtest-4	20.61	20.63	20.58	21.60	18.54	18.55	18.56	19.60
3GPP Rel 8	DC-HSDPA Subtest-1	20.99	21.07	21.16	22.10	19.01	18.99	19.00	20.10
3GPP Rel 8	DC-HSDPA Subtest-2	21.00	21.06	21.03	22.10	18.95	19.13	18.94	20.10
3GPP Rel 8	DC-HSDPA Subtest-3	20.47	20.62	20.57	21.60	18.52	18.54	18.48	19.60
3GPP Rel 8	DC-HSDPA Subtest-4	20.62	20.60	20.56	21.60	18.53	18.53	18.43	19.60
3GPP Rel 6	HSUPA Subtest-1	21.04	21.08	21.09	22.10	19.02	19.11	18.94	20.10
3GPP Rel 6	HSUPA Subtest-2	19.09	19.07	19.09	20.10	16.94	17.07	17.03	18.10
3GPP Rel 6	HSUPA Subtest-3	20.07	20.10	20.04	21.10	17.97	18.04	18.04	19.10
3GPP Rel 6	HSUPA Subtest-4	19.01	19.18	19.08	20.10	16.99	16.98	16.98	18.10
3GPP Rel 6	HSUPA Subtest-5	21.04	21.13	21.03	22.10	19.06	19.00	18.91	20.10
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.46	18.55	18.54	19.60	16.46	16.60	16.52	17.60

Band 2 Ant1

BW [MHz]	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	21.55	21.72	21.51	22.8	0
20	QPSK	1	49	21.59	21.60	21.64		
20	QPSK	1	99	21.47	21.49	21.56		
20	QPSK	50	0	21.55	21.67	21.54		
20	QPSK	50	24	21.52	21.62	21.54	22.8	0
20	QPSK	50	50	21.52	21.44	21.50		
20	QPSK	100	0	21.49	21.63	21.45		
20	16QAM	1	0	21.49	21.45	21.47	22.8	0
20	16QAM	1	49	21.61	21.50	21.46		
20	16QAM	1	99	21.64	21.48	21.52		
20	16QAM	50	0	21.55	21.48	21.64	22.1	0.7
20	16QAM	50	24	21.49	21.53	21.50		
20	16QAM	50	50	21.62	21.57	21.41		
20	16QAM	100	0	21.51	21.51	21.49		
20	64QAM	1	0	21.53	21.53	21.58	22.1	0.7
20	64QAM	1	49	21.59	21.53	21.57		
20	64QAM	1	99	21.46	21.50	21.53		
20	64QAM	50	0	19.88	20.13	19.77	21.1	1.7
20	64QAM	50	24	19.88	19.92	20.00		
20	64QAM	50	50	19.68	19.73	19.76		
20	64QAM	100	0	19.77	19.86	19.82		
20	256QAM	1	0	17.88	17.91	17.86	19.1	3.7
20	256QAM	1	49	17.85	17.87	17.94		
20	256QAM	1	99	17.73	17.80	17.91		
20	256QAM	50	0	17.94	17.89	17.75	19.1	3.7
20	256QAM	50	24	17.89	17.94	17.85		
20	256QAM	50	50	17.91	17.80	17.87		
20	256QAM	100	0	17.84	17.84	17.78		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.44	21.58	21.47	22.8	0
15	QPSK	1	37	21.54	21.46	21.56		
15	QPSK	1	74	21.45	21.43	21.48		
15	QPSK	36	0	21.49	21.53	21.49	22.8	0
15	QPSK	36	20	21.46	21.48	21.51		
15	QPSK	36	39	21.37	21.41	21.38		
15	QPSK	75	0	21.38	21.55	21.36		
15	16QAM	1	0	21.47	21.36	21.42	22.8	0
15	16QAM	1	37	21.48	21.34	21.38		
15	16QAM	1	74	21.57	21.36	21.36		
15	16QAM	36	0	21.51	21.44	21.55	22.1	0.7
15	16QAM	36	20	21.35	21.50	21.45		
15	16QAM	36	39	21.51	21.45	21.35		
15	16QAM	75	0	21.41	21.43	21.43		
15	64QAM	1	0	21.38	21.44	21.51	22.1	0.7
15	64QAM	1	37	21.54	21.40	21.50		
15	64QAM	1	74	21.30	21.35	21.36		
15	64QAM	36	0	19.67	19.94	19.62	21.1	1.7
15	64QAM	36	20	19.77	19.76	19.86		
15	64QAM	36	39	19.69	19.54	19.69		
15	64QAM	75	0	19.71	19.68	19.64		
15	256QAM	1	0	17.76	17.72	17.72	19.1	3.7
15	256QAM	1	37	17.80	17.67	17.77		
15	256QAM	1	74	17.55	17.71	17.81		
15	256QAM	36	0	17.80	17.90	17.60	19.1	3.7
15	256QAM	36	20	17.73	17.76	17.67		
15	256QAM	36	39	17.78	17.74	17.68		
15	256QAM	75	0	17.69	17.85	17.61		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.49	21.67	21.46	22.8	0
10	QPSK	1	25	21.50	21.44	21.49		
10	QPSK	1	49	21.38	21.40	21.52		
10	QPSK	25	0	21.44	21.47	21.38	22.8	0
10	QPSK	25	12	21.41	21.48	21.50		
10	QPSK	25	25	21.50	21.45	21.45		
10	QPSK	50	0	21.44	21.52	21.29		
10	16QAM	1	0	21.41	21.38	21.29	22.8	0
10	16QAM	1	25	21.50	21.37	21.37		
10	16QAM	1	49	21.57	21.41	21.47		
10	16QAM	25	0	21.43	21.36	21.55	22.1	0.7
10	16QAM	25	12	21.43	21.38	21.45		
10	16QAM	25	25	21.53	21.49	21.28		
10	16QAM	50	0	21.49	21.33	21.43		
10	64QAM	1	0	21.40	21.46	21.42	22.1	0.7
10	64QAM	1	25	21.42	21.38	21.41		
10	64QAM	1	49	21.28	21.41	21.36		
10	64QAM	25	0	19.80	19.95	19.77	21.1	1.7
10	64QAM	25	12	19.79	19.78	19.86		
10	64QAM	25	25	19.52	19.69	19.77		
10	64QAM	50	0	19.71	19.82	19.67		
10	256QAM	1	0	17.74	17.91	17.83	19.1	3.7
10	256QAM	1	25	17.78	17.76	17.89		
10	256QAM	1	49	17.71	17.61	17.72		
10	256QAM	25	0	17.74	17.78	17.57	19.1	3.7
10	256QAM	25	12	17.89	17.92	17.76		
10	256QAM	25	25	17.83	17.75	17.74		
10	256QAM	50	0	17.68	17.70	17.80		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.38	21.57	21.49	22.8	0
5	QPSK	1	12	21.56	21.49	21.58		
5	QPSK	1	24	21.44	21.37	21.49		
5	QPSK	12	0	21.49	21.46	21.43	22.8	0
5	QPSK	12	7	21.37	21.54	21.36		
5	QPSK	12	13	21.45	21.41	21.43		
5	QPSK	25	0	21.43	21.63	21.30	22.8	0
5	16QAM	1	0	21.44	21.30	21.36		
5	16QAM	1	12	21.45	21.46	21.36		
5	16QAM	1	24	21.58	21.39	21.34		
5	16QAM	12	0	21.44	21.33	21.55	22.1	0.7
5	16QAM	12	7	21.36	21.41	21.36		
5	16QAM	12	13	21.47	21.49	21.37		
5	16QAM	25	0	21.45	21.38	21.40		
5	64QAM	1	0	21.48	21.48	21.50	22.1	0.7
5	64QAM	1	12	21.47	21.51	21.52		
5	64QAM	1	24	21.29	21.35	21.40		
5	64QAM	12	0	19.78	19.90	19.56	21.1	1.7
5	64QAM	12	7	19.81	19.80	19.86		
5	64QAM	12	13	19.51	19.65	19.73		
5	64QAM	25	0	19.69	19.88	19.73		
5	256QAM	1	0	17.98	17.93	17.72	19.1	3.7
5	256QAM	1	12	17.86	17.81	17.77		
5	256QAM	1	24	17.97	17.77	17.76		
5	256QAM	12	0	17.81	17.77	17.72	19.1	3.7
5	256QAM	12	7	17.78	17.74	17.82		
5	256QAM	12	13	17.81	17.71	17.85		
5	256QAM	25	0	17.74	17.74	17.65		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.42	21.63	21.35	22.8	0
3	QPSK	1	8	21.54	21.42	21.47		
3	QPSK	1	14	21.35	21.46	21.41		
3	QPSK	8	0	21.44	21.51	21.40	22.8	0
3	QPSK	8	4	21.45	21.58	21.51		
3	QPSK	8	7	21.48	21.38	21.44		
3	QPSK	15	0	21.46	21.59	21.35		
3	16QAM	1	0	21.34	21.36	21.45	22.8	0
3	16QAM	1	8	21.51	21.47	21.43		
3	16QAM	1	14	21.52	21.33	21.44		
3	16QAM	8	0	21.48	21.40	21.53	22.1	0.7
3	16QAM	8	4	21.45	21.47	21.46		
3	16QAM	8	7	21.52	21.54	21.27		
3	16QAM	15	0	21.47	21.43	21.34	22.1	0.7
3	64QAM	1	0	21.48	21.43	21.44		
3	64QAM	1	8	21.57	21.39	21.51		
3	64QAM	1	14	21.28	21.48	21.36		
3	64QAM	8	0	19.80	19.92	19.77	21.1	1.7
3	64QAM	8	4	19.77	19.92	19.84		
3	64QAM	8	7	19.56	19.75	19.60		
3	64QAM	15	0	19.74	19.65	19.65		
3	256QAM	1	0	17.70	17.90	17.70	19.1	3.7
3	256QAM	1	8	17.76	17.70	17.87		
3	256QAM	1	14	17.65	17.64	17.89		
3	256QAM	8	0	17.85	17.74	17.70	19.1	3.7
3	256QAM	8	4	17.78	17.85	17.73		
3	256QAM	8	7	17.86	17.60	17.83		
3	256QAM	15	0	17.80	17.84	17.71		
Channel				18607	18906	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.48	21.57	21.43	22.8	0
1.4	QPSK	1	3	21.42	21.50	21.59		
1.4	QPSK	1	5	21.30	21.42	21.40		
1.4	QPSK	3	0	21.49	21.46	21.38		
1.4	QPSK	3	1	21.35	21.49	21.36		
1.4	QPSK	3	3	21.39	21.30	21.33		
1.4	QPSK	6	0	21.45	21.56	21.32	22.8	0
1.4	16QAM	1	0	21.42	21.38	21.30	22.8	0
1.4	16QAM	1	3	21.46	21.45	21.34		
1.4	16QAM	1	5	21.58	21.33	21.50		
1.4	16QAM	3	0	21.47	21.35	21.49		
1.4	16QAM	3	1	21.32	21.45	21.39		
1.4	16QAM	3	3	21.56	21.43	21.37		
1.4	16QAM	6	0	21.46	21.41	21.40	22.1	0.7
1.4	64QAM	1	0	21.36	21.37	21.42	22.1	0.7
1.4	64QAM	1	3	21.47	21.50	21.40		
1.4	64QAM	1	5	21.35	21.39	21.38		
1.4	64QAM	3	0	21.18	21.03	21.07		
1.4	64QAM	3	1	21.15	21.01	21.18		
1.4	64QAM	3	3	21.09	21.16	21.01		
1.4	64QAM	6	0	19.85	20.08	19.58	21.1	1.7
1.4	256QAM	1	0	17.61	17.72	17.73	19.1	3.7
1.4	256QAM	1	3	17.95	17.85	17.74		
1.4	256QAM	1	5	17.82	17.74	17.65		
1.4	256QAM	3	0	17.86	17.65	17.68		
1.4	256QAM	3	1	17.71	17.73	17.65		
1.4	256QAM	3	3	17.61	17.72	17.73		
1.4	256QAM	6	0	17.95	17.85	17.74	19.1	3.7

Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.95	21.19	20.97	22.2	0
20	QPSK	1	49	21.01	20.97	21.07		
20	QPSK	1	99	21.06	21.05	20.90		
20	QPSK	50	0	20.91	21.12	21.02		
20	QPSK	50	24	20.87	21.10	20.96	22.2	0
20	QPSK	50	50	20.95	20.98	21.08		
20	QPSK	100	0	21.03	21.09	21.05		
20	16QAM	1	0	20.93	20.92	21.07	22.2	0
20	16QAM	1	49	21.05	20.90	20.98		
20	16QAM	1	99	21.07	21.02	20.91		
20	16QAM	50	0	21.02	20.99	21.07	22	0.2
20	16QAM	50	24	21.11	21.05	21.03		
20	16QAM	50	50	21.08	21.02	20.93		
20	16QAM	100	0	20.94	21.05	20.97		
20	64QAM	1	0	20.98	20.88	21.07	22	0.2
20	64QAM	1	49	20.99	20.91	20.99		
20	64QAM	1	99	21.03	20.90	20.99		
20	64QAM	50	0	19.66	19.95	19.73	21	1.2
20	64QAM	50	24	19.79	19.88	19.77		
20	64QAM	50	50	19.80	19.89	19.65		
20	64QAM	100	0	19.78	20.03	19.91		
20	256QAM	1	0	17.84	18.06	17.72	19	3.2
20	256QAM	1	49	17.75	17.88	17.79		
20	256QAM	1	99	17.75	17.89	17.78		
20	256QAM	50	0	17.65	18.01	17.74	19	3.2
20	256QAM	50	24	17.64	17.98	17.73		
20	256QAM	50	50	17.62	17.67	17.89		
20	256QAM	100	0	17.77	17.79	17.88		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.95	21.08	21.05	22.2	0
15	QPSK	1	37	20.98	20.98	21.03		
15	QPSK	1	74	21.05	20.98	21.02		
15	QPSK	36	0	20.96	21.07	21.02	22.2	0
15	QPSK	36	20	20.94	21.10	21.06		
15	QPSK	36	39	20.97	21.06	21.09		
15	QPSK	75	0	21.04	21.09	20.94		
15	16QAM	1	0	21.07	21.00	21.07	22.2	0
15	16QAM	1	37	21.11	20.85	20.93		
15	16QAM	1	74	20.99	21.08	21.05		
15	16QAM	36	0	21.10	21.11	21.01	22	0.2
15	16QAM	36	20	20.98	21.07	20.98		
15	16QAM	36	39	20.98	21.05	21.00		
15	16QAM	75	0	21.01	21.11	20.99		
15	64QAM	1	0	21.10	20.86	21.03	22	0.2
15	64QAM	1	37	20.99	20.92	20.92		
15	64QAM	1	74	21.10	21.03	21.11		
15	64QAM	36	0	19.59	19.79	19.58	21	1.2
15	64QAM	36	20	19.71	19.74	19.75		
15	64QAM	36	39	19.69	19.83	19.56		
15	64QAM	75	0	19.71	19.87	19.90		
15	256QAM	1	0	17.71	18.07	17.63	19	3.2
15	256QAM	1	37	17.67	17.71	17.58		
15	256QAM	1	74	17.62	17.68	17.66		
15	256QAM	36	0	17.48	17.88	17.54	19	3.2
15	256QAM	36	20	17.53	17.86	17.66		
15	256QAM	36	39	17.62	17.52	17.78		
15	256QAM	75	0	17.77	17.81	17.71		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.03	21.03	20.96	22.2	0
10	QPSK	1	25	21.00	20.93	21.07		
10	QPSK	1	49	21.08	21.10	20.90		
10	QPSK	25	0	20.95	21.11	20.97	22.2	0
10	QPSK	25	12	20.92	21.12	21.03		
10	QPSK	25	25	20.99	21.02	20.96		
10	QPSK	50	0	20.94	21.07	20.93		
10	16QAM	1	0	20.95	21.01	20.99	22.2	0
10	16QAM	1	25	21.11	20.86	21.03		
10	16QAM	1	49	20.98	21.07	20.97		
10	16QAM	25	0	21.10	21.04	21.01	22	0.2
10	16QAM	25	12	21.11	21.02	20.97		
10	16QAM	25	25	20.99	21.07	20.94		
10	16QAM	50	0	20.86	21.12	21.05		
10	64QAM	1	0	21.09	20.92	21.13	22	0.2
10	64QAM	1	25	20.95	20.90	20.95		
10	64QAM	1	49	21.14	20.94	20.99		
10	64QAM	25	0	19.58	19.83	19.70	21	1.2
10	64QAM	25	12	19.72	19.82	19.64		
10	64QAM	25	25	19.67	19.86	19.55		
10	64QAM	50	0	19.70	19.88	19.77		
10	256QAM	1	0	17.80	17.88	17.60	19	3.2
10	256QAM	1	25	17.69	17.76	17.67		
10	256QAM	1	49	17.70	17.74	17.64		
10	256QAM	25	0	17.62	17.93	17.67	19	3.2
10	256QAM	25	12	17.57	17.92	17.69		
10	256QAM	25	25	17.71	17.64	17.84		
10	256QAM	50	0	17.69	17.74	17.84		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.07	21.08	20.93	22.2	0
5	QPSK	1	12	21.00	20.87	21.15		
5	QPSK	1	24	21.04	20.99	20.95		
5	QPSK	12	0	20.97	21.01	21.01	22.2	0
5	QPSK	12	7	20.88	20.97	21.04		
5	QPSK	12	13	20.97	21.09	20.97		
5	QPSK	25	0	21.04	21.11	20.92		
5	16QAM	1	0	20.99	20.88	20.94	22.2	0
5	16QAM	1	12	21.08	20.93	20.97		
5	16QAM	1	24	21.05	20.99	20.93		
5	16QAM	12	0	21.14	21.08	20.93	22	0.2
5	16QAM	12	7	21.10	20.99	21.05		
5	16QAM	12	13	21.04	21.14	20.98		
5	16QAM	25	0	21.00	21.02	21.02		
5	64QAM	1	0	21.02	20.92	21.14	22	0.2
5	64QAM	1	12	21.02	20.88	21.05		
5	64QAM	1	24	21.04	20.91	21.01		
5	64QAM	12	0	19.63	19.82	19.58	21	1.2
5	64QAM	12	7	19.77	19.81	19.61		
5	64QAM	12	13	19.73	19.72	19.58		
5	64QAM	25	0	19.65	19.87	19.83		
5	256QAM	1	0	17.66	17.97	17.66	19	3.2
5	256QAM	1	12	17.63	17.73	17.76		
5	256QAM	1	24	17.72	17.72	17.63		
5	256QAM	12	0	17.48	17.98	17.59	19	3.2
5	256QAM	12	7	17.59	17.81	17.58		
5	256QAM	12	13	17.76	17.85	17.76		
5	256QAM	25	0	17.70	17.65	17.81		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.04	21.05	21.04	22.2	0
3	QPSK	1	8	21.09	20.88	21.07		
3	QPSK	1	14	20.97	20.97	21.03		
3	QPSK	8	0	20.89	21.03	21.06	22.2	0
3	QPSK	8	4	20.94	21.00	20.97		
3	QPSK	8	7	21.02	21.00	21.04		
3	QPSK	15	0	20.98	21.10	21.00		
3	16QAM	1	0	21.08	21.01	20.99	22.2	0
3	16QAM	1	8	21.13	20.94	21.02		
3	16QAM	1	14	21.04	21.05	20.98		
3	16QAM	8	0	21.14	20.98	21.03	22	0.2
3	16QAM	8	4	21.06	21.06	21.06		
3	16QAM	8	7	20.99	21.11	20.92		
3	16QAM	15	0	21.01	21.00	21.03	22	0.2
3	64QAM	1	0	21.04	20.90	20.98		
3	64QAM	1	8	21.00	20.90	20.93		
3	64QAM	1	14	21.01	20.91	21.10		
3	64QAM	8	0	19.57	19.90	19.66	21	1.2
3	64QAM	8	4	19.70	19.76	19.73		
3	64QAM	8	7	19.72	19.72	19.57		
3	64QAM	15	0	19.69	19.99	19.79		
3	256QAM	1	0	17.78	18.01	17.61	19	3.2
3	256QAM	1	8	17.63	17.70	17.64		
3	256QAM	1	14	17.67	17.74	17.68		
3	256QAM	8	0	17.62	17.91	17.71	19	3.2
3	256QAM	8	4	17.57	17.93	17.71		
3	256QAM	8	7	17.79	17.51	17.85		
3	256QAM	15	0	17.65	17.62	17.83		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.00	21.11	21.00	22.2	0
1.4	QPSK	1	3	21.07	20.89	21.11		
1.4	QPSK	1	5	20.97	21.10	21.00		
1.4	QPSK	3	0	20.89	21.02	20.98		
1.4	QPSK	3	1	20.92	21.10	20.98		
1.4	QPSK	3	3	21.05	21.11	21.04		
1.4	QPSK	6	0	21.03	21.10	20.97	22.2	0
1.4	16QAM	1	0	20.96	21.00	21.01	22.2	0
1.4	16QAM	1	3	21.13	20.94	20.94		
1.4	16QAM	1	5	21.07	21.05	21.02		
1.4	16QAM	3	0	21.01	21.10	21.08		
1.4	16QAM	3	1	21.03	20.96	21.09		
1.4	16QAM	3	3	21.10	21.05	20.86		
1.4	16QAM	6	0	20.86	21.07	20.96	22	0.2
1.4	64QAM	1	0	21.11	20.96	21.07	22	0.2
1.4	64QAM	1	3	21.03	20.90	21.01		
1.4	64QAM	1	5	21.08	21.02	21.01		
1.4	64QAM	3	0	20.99	20.95	21.01		
1.4	64QAM	3	1	21.00	21.04	21.04		
1.4	64QAM	3	3	20.88	20.92	21.06		
1.4	64QAM	6	0	19.63	19.83	19.69	21	1.2
1.4	256QAM	1	0	17.81	17.97	17.60	19	3.2
1.4	256QAM	1	3	17.64	17.84	17.63		
1.4	256QAM	1	5	17.68	17.81	17.69		
1.4	256QAM	3	0	17.63	17.88	17.66		
1.4	256QAM	3	1	17.54	17.85	17.63		
1.4	256QAM	3	3	17.74	17.58	17.82		
1.4	256QAM	6	0	17.72	17.62	17.78	19	3.2

Band 7 Ant1

BW [MHz]	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	20.41	20.55	20.27	21.4	0
20	QPSK	1	49	20.29	20.27	20.29		
20	QPSK	1	99	20.44	20.32	20.33		
20	QPSK	50	0	20.39	20.43	20.38		
20	QPSK	50	24	20.36	20.37	20.41	21.4	0
20	QPSK	50	50	20.41	20.36	20.32		
20	QPSK	100	0	21.03	20.91	20.31		
20	16QAM	1

Band 25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	21.72	21.75	21.65	22.8	0
20	QPSK	1	49	21.63	21.67	21.67		
20	QPSK	1	99	21.64	21.65	21.60		
20	QPSK	50	0	21.70	21.72	21.59	22.8	0
20	QPSK	50	24	21.62	21.65	21.59		
20	QPSK	50	50	21.58	21.59	21.65		
20	QPSK	100	0	21.65	21.70	21.62		
20	16QAM	1	0	21.64	21.62	21.60	22.8	0
20	16QAM	1	49	21.64	21.58	21.62		
20	16QAM	1	99	21.69	21.65	21.61		
20	16QAM	50	0	21.67	21.63	21.71	22.1	0.7
20	16QAM	50	24	21.63	21.69	21.64		
20	16QAM	50	50	21.73	21.59	21.58		
20	16QAM	100	0	21.63	21.66	21.58		
20	64QAM	1	0	21.69	21.71	21.73	22.1	0.7
20	64QAM	1	49	21.73	21.69	21.73		
20	64QAM	1	99	21.57	21.60	21.65		
20	64QAM	50	0	19.95	20.09	20.03	21.1	1.7
20	64QAM	50	24	19.90	20.05	19.96		
20	64QAM	50	50	19.90	19.91	19.84		
20	64QAM	100	0	19.98	20.07	19.83		
20	256QAM	1	0	18.09	18.06	17.96	19.1	3.7
20	256QAM	1	49	17.86	17.98	18.02		
20	256QAM	1	99	17.99	17.99	17.89		
20	256QAM	50	0	17.98	17.97	17.94	19.1	3.7
20	256QAM	50	24	17.98	18.02	17.87		
20	256QAM	50	50	17.87	17.87	17.98		
20	256QAM	100	0	18.00	17.95	17.95		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	21.63	21.61	21.60	22.8	0
15	QPSK	1	37	21.58	21.52	21.61		
15	QPSK	1	74	21.50	21.62	21.48		
15	QPSK	36	0	21.60	21.60	21.49	22.8	0
15	QPSK	36	20	21.52	21.57	21.51		
15	QPSK	36	39	21.55	21.48	21.55		
15	QPSK	75	0	21.57	21.67	21.55		
15	16QAM	1	0	21.59	21.48	21.46	22.8	0
15	16QAM	1	37	21.48	21.49	21.53		
15	16QAM	1	74	21.53	21.47	21.52		
15	16QAM	36	0	21.59	21.58	21.67	22.1	0.7
15	16QAM	36	20	21.49	21.57	21.56		
15	16QAM	36	39	21.64	21.53	21.42		
15	16QAM	75	0	21.48	21.58	21.47		
15	64QAM	1	0	21.59	21.67	21.63	22.1	0.7
15	64QAM	1	37	21.71	21.58	21.60		
15	64QAM	1	74	21.41	21.53	21.56		
15	64QAM	36	0	19.91	19.94	19.94	21.1	1.7
15	64QAM	36	20	19.82	19.88	19.94		
15	64QAM	36	39	19.77	19.74	19.78		
15	64QAM	75	0	19.91	20.04	19.74		
15	256QAM	1	0	18.04	18.02	17.80	19.1	3.7
15	256QAM	1	37	17.82	17.94	17.91		
15	256QAM	1	74	17.87	17.89	17.76		
15	256QAM	36	0	17.90	17.90	17.80	19.1	3.7
15	256QAM	36	20	17.81	17.91	17.80		
15	256QAM	36	39	17.78	17.84	17.90		
15	256QAM	75	0	17.95	17.88	17.92		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	21.56	21.72	21.59	22.8	0
10	QPSK	1	25	21.48	21.61	21.57		
10	QPSK	1	49	21.62	21.55	21.47		
10	QPSK	25	0	21.61	21.67	21.52	22.8	0
10	QPSK	25	12	21.45	21.54	21.45		
10	QPSK	25	25	21.53	21.41	21.52		
10	QPSK	50	0	21.56	21.60	21.57		
10	16QAM	1	0	21.54	21.58	21.43	22.8	0
10	16QAM	1	25	21.53	21.49	21.55		
10	16QAM	1	49	21.66	21.61	21.58		
10	16QAM	25	0	21.57	21.55	21.64	22.1	0.7
10	16QAM	25	12	21.57	21.63	21.55		
10	16QAM	25	25	21.69	21.46	21.51		
10	16QAM	50	0	21.53	21.49	21.41		
10	64QAM	1	0	21.59	21.65	21.65	22.1	0.7
10	64QAM	1	25	21.58	21.66	21.65		
10	64QAM	1	49	21.43	21.50	21.57		
10	64QAM	25	0	19.89	19.94	19.98	21.1	1.7
10	64QAM	25	12	19.73	20.00	19.90		
10	64QAM	25	25	19.82	19.73	19.81		
10	64QAM	50	0	19.80	19.95	19.69		
10	256QAM	1	0	18.06	18.03	17.90	19.1	3.7
10	256QAM	1	25	17.81	17.86	17.94		
10	256QAM	1	49	17.94	17.96	17.86		
10	256QAM	25	0	17.86	17.90	17.89	19.1	3.7
10	256QAM	25	12	17.94	17.92	17.71		
10	256QAM	25	25	17.75	17.83	17.85		
10	256QAM	50	0	17.89	17.78	17.78		
Channel				26065	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	21.65	21.66	21.61	22.8	0
5	QPSK	1	12	21.49	21.55	21.52		
5	QPSK	1	24	21.60	21.63	21.49		
5	QPSK	12	0	21.57	21.61	21.46	22.8	0
5	QPSK	12	7	21.59	21.50	21.52		
5	QPSK	12	13	21.56	21.57	21.62		
5	QPSK	25	0	21.51	21.60	21.60		
5	16QAM	1	0	21.47	21.51	21.47	22.8	0
5	16QAM	1	12	21.54	21.42	21.44		
5	16QAM	1	24	21.65	21.53	21.53		
5	16QAM	12	0	21.59	21.53	21.54	22.1	0.7
5	16QAM	12	7	21.49	21.64	21.59		
5	16QAM	12	13	21.58	21.50	21.51		
5	16QAM	25	0	21.61	21.49	21.47		
5	64QAM	1	0	21.62	21.57	21.67	22.1	0.7
5	64QAM	1	12	21.60	21.60	21.67		
5	64QAM	1	24	21.45	21.57	21.54		
5	64QAM	12	0	19.92	20.01	19.94	21.1	1.7
5	64QAM	12	7	19.85	19.93	19.93		
5	64QAM	12	13	19.79	19.74	19.80		
5	64QAM	25	0	19.88	20.00	19.71		
5	256QAM	1	0	17.94	18.00	17.92	19.1	3.7
5	256QAM	1	12	17.73	17.85	17.88		
5	256QAM	1	24	17.96	17.83	17.74		
5	256QAM	12	0	17.93	17.86	17.80	19.1	3.7
5	256QAM	12	7	17.90	17.96	17.80		
5	256QAM	12	13	17.78	17.78	17.92		
5	256QAM	25	0	17.93	17.90	17.90		
Channel				26025	26340	26815	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	21.67	21.66	21.59	22.8	0
3	QPSK	1	8	21.60	21.52	21.52		
3	QPSK	1	14	21.60	21.55	21.55		
3	QPSK	8	0	21.57	21.61	21.52	22.8	0
3	QPSK	8	4	21.51	21.60	21.55		
3	QPSK	8	7	21.51	21.53	21.59		
3	QPSK	15	0	21.60	21.54	21.44		
3	16QAM	1	0	21.48	21.45	21.47	22.8	0
3	16QAM	1	8	21.56	21.41	21.46		
3	16QAM	1	14	21.55	21.60	21.50		
3	16QAM	8	0	21.63	21.54	21.54	22.1	0.7
3	16QAM	8	4	21.56	21.61	21.59		
3	16QAM	8	7	21.70	21.51	21.46		
3	16QAM	15	0	21.54	21.52	21.45		
3	64QAM	1	0	21.55	21.68	21.63	22.1	0.7
3	64QAM	1	8	21.68	21.66	21.71		
3	64QAM	1	14	21.54	21.45	21.53		
3	64QAM	8	0	19.90	20.06	19.90	21.1	1.7
3	64QAM	8	4	19.83	19.96	19.82		
3	64QAM	8	7	19.74	19.80	19.76		
3	64QAM	15	0	19.92	19.91	19.73		
3	256QAM	1	0	18.05	18.02	17.83	19.1	3.7
3	256QAM	1	8	17.79	17.96	17.97		
3	256QAM	1	14	17.89	17.81	17.86		
3	256QAM	8	0	17.80	17.86	17.77	19.1	3.7
3	256QAM	8	4	17.83	17.96	17.81		
3	256QAM	8	7	17.72	17.78	17.84		
3	256QAM	15	0	17.97	17.80	17.78		
Channel				26047	26340	26883	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	21.65	21.67	21.49	22.8	0
1.4	QPSK	1	3	21.58	21.56	21.52		
1.4	QPSK	1	5	21.54	21.50	21.51		
1.4	QPSK	3	0	21.64	21.68	21.48		
1.4	QPSK	3	1	21.49	21.55	21.45		
1.4	QPSK	3	3	21.54	21.51	21.59		
1.4	QPSK	6	0	21.59	21.56	21.60	22.8	0
1.4	16QAM	1	0	21.51	21.60	21.51	22.8	0
1.4	16QAM	1	3	21.57	21.51	21.52		
1.4	16QAM	1	5	21.67	21.62	21.56		
1.4	16QAM	3	0	21.51	21.48	21.54		
1.4	16QAM	3	1	21.57	21.56	21.49		
1.4	16QAM	3	3	21.65	21.46	21.52		
1.4	16QAM	6	0	21.57	21.63	21.51	22.1	0.7
1.4	64QAM	1	0	21.55	21.63	21.66	22.1	0.7
1.4	64QAM	1	3	21.59	21.56	21.59		
1.4	64QAM	1	5	21.55	21.43	21.52		
1.4	64QAM	3	0	21.21	21.12	21.06		
1.4	64QAM	3	1	21.18	21.04	21.20		
1.4	64QAM	3	3	21.08	21.21	21.01		
1.4	64QAM	6	0	19.83	20.02	19.88	21.1	1.7
1.4	256QAM	1	0	17.88	17.86	17.76	19.1	3.7
1.4	256QAM	1	3	17.82	17.82	17.83		
1.4	256QAM	1	5	17.94	17.86	17.86		
1.4	256QAM	3	0	18.00	17.94	17.86		
1.4	256QAM	3	1	17.70	17.82	17.90		
1.4	256QAM	3	3	17.94	17.82	17.76		
1.4	256QAM	6	0	17.94	17.84	17.81	19.1	3.7

Band 66 Ant1

BW [MHz]	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	21.10	21.20	21.11	22.2	0
20	QPSK	1	49	21.15	21.04	21.17		
20	QPSK	1	99	21.12	21.14	21.07		
20	QPSK	50	0	21.03	21.17	21.11	22.2	0
20	QPSK	50	24	21.05	21.14	21.08		
20	QPSK	50	50	21.09	21.15	21.13		
20	QPSK	100	0	21.10	21.15	21.10		
20	16QAM	1	0	21.10	21.03	21.10	22.2	0
20	16QAM	1	49	21.18	21.03	21.11		
20	16QAM	1	99	21.11	21.17	21.07		
20	16QAM	50	0	21.17	21.14	21.11	22	0.2
20	16QAM	50	24	21.14	21.12	21.13		
20	16QAM	50	50	21.14	21.16	21.03		
20	16QAM	100	0	21.03	21.15	21.11		
20	64QAM	1	0	21.16	21.02	21.16	22	0.2
20	64QAM	1	49	21.10	21.04	21.09		
20	64QAM	1	99	21.17	21.07	21.16		
20	64QAM	50	0	19.62	19.87	19.68	21	1.2
20	64QAM	50	24	19.75	19.71	19.63		
20	64QAM	50	50	19.63	19.76	19.54		
20	64QAM	100	0	19.68	19.88	19.79		
20	256QAM	1	0	17.68	17.89	17.57	19	3.2
20	256QAM	1	49	17.68	17.77	17.66		
20	256QAM	1	99	17.66	17.85	17.74		
20	256QAM	50	0	17.55	17.95	17.70	19	3.2
20	256QAM	50	24	17.48	17.84	17.55		
20	256QAM	50	50	17.71	17.65	17.77		
20	256QAM	100	0	17.68	17.62	17.82		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.93	21.10	21.07	22.2	0
15	QPSK	1	37	21.06	21.00	21.03		
15	QPSK	1	74	20.95	21.10	20.97		
15	QPSK	36	0	20.86	21.12	21.04	22.2	0
15	QPSK	36	20	20.88	21.05	20.97		
15	QPSK	36	39	21.00	21.02	20.99		
15	QPSK	75	0	20.96	21.04	20.93		
15	16QAM	1	0	20.92	20.96	21.05	22.2	0
15	16QAM	1	37	21.12	20.92	21.07		
15	16QAM	1	74	21.02	21.04	20.94		
15	16QAM	36	0	21.07	21.09	21.01	22	0.2
15	16QAM	36	20	21.08	21.00	21.07		
15	16QAM	36	39	21.08	20.99	20.98		
15	16QAM	75	0	20.88	20.97	20.95		
15	64QAM	1	0	21.07	20.89	21.05	22	0.2
15	64QAM	1	37	20.99	20.91	20.93		
15	64QAM	1	74	21.00	20.93	21.11		
15	64QAM	36	0	19.54	19.80	19.61	21	1.2
15	64QAM	36	20	19.66	19.79	19.66		
15	64QAM	36	39	19.67	19.85	19.55		
15	64QAM	75	0	19.61	19.91	19.74		
15	256QAM	1	0	17.79	18.03	17.62	19	3.2
15	256QAM	1	37	17.65	17.85	17.65		
15	256QAM	1	74	17.57	17.86	17.72		
15	256QAM	36	0	17.49	17.97	17.61	19	3.2
15	256QAM	36	20	17.55	17.93	17.70		
15	256QAM	36	39	17.66	17.58	17.86		
15	256QAM	75	0	17.61	17.69	17.81		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.95	21.03	21.06	22.2	0
10	QPSK	1	25	21.01	20.86	21.11		
10	QPSK	1	49	21.01	21.03	21.00		
10	QPSK	25	0	20.97	21.02	21.07	22.2	0
10	QPSK	25	12	20.88	21.04	21.04		
10	QPSK	25	25	21.04	21.05	21.04		
10	QPSK	50	0	20.93	21.00	21.02		
10	16QAM	1	0	21.03	21.01	21.02	22.2	0
10	16QAM	1	25	21.05	20.95	21.05		
10	16QAM	1	49	21.05	21.15	20.94		
10	16QAM	25	0	21.11	20.98	20.95	22	0.2
10	16QAM	25	12	21.10	21.01	21.06		
10	16QAM	25	25	21.03	21.08	20.89		
10	16QAM	50	0	20.93	21.12	21.06		
10	64QAM	1	0	21.09	20.85	20.99	22	0.2
10	64QAM	1	25	20.96	21.01	20.98		
10	64QAM	1	49	21.06	20.98	21.13		
10	64QAM	25	0	19.59	19.78	19.61	21	1.2
10	64QAM	25	12	19.75	19.83	19.68		
10	64QAM	25	25	19.72	19.77	19.61		
10	64QAM	50	0	19.61	19.86	19.75		
10	256QAM	1	0	17.70	17.98	17.57	19	3.2
10	256QAM	1	25	17.64	17.82	17.74		
10	256QAM	1	49	17.69	17.72	17.66		
10	256QAM	25	0	17.54	17.84	17.61	19	3.2
10	256QAM	25	12	17.52	17.87	17.59		
10	256QAM	25	25	17.78	17.63	17.77		
10	256QAM	50	0	17.68	17.71	17.70		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.05	21.12	20.99	22.2	0
5	QPSK	1	12	21.06	20.98	21.10		
5	QPSK	1	24	20.97	20.98	20.92		
5	QPSK	12	0	20.94	21.07	21.07	22.2	0
5	QPSK	12	7	21.00	20.98	20.95		
5	QPSK	12	13	20.95	21.04	20.96		
5	QPSK	25	0	21.07	21.04	21.04	22.2	0
5	16QAM	1	0	21.03	20.87	21.02		
5	16QAM	1	12	21.14	20.96	20.95		
5	16QAM	1	24	20.97	21.07	20.92		
5	16QAM	12	0	21.13	21.02	21.06	22	0.2
5	16QAM	12	7	21.03	21.05	21.07		
5	16QAM	12	13	21.05	21.09	20.92		
5	16QAM	25	0	20.93	21.11	20.96		
5	64QAM	1	0	20.98	20.85	21.12	22	0.2
5	64QAM	1	12	21.08	20.90	21.02		
5	64QAM	1	24	21.06	20.94	21.03		
5	64QAM	12	0	19.48	19.79	19.67	21	1.2
5	64QAM	12	7	19.74	19.82	19.73		
5	64QAM	12	13	19.73	19.72	19.53		
5	64QAM	25	0	19.63	20.00	19.77		
5	256QAM	1	0	17.75	17.98	17.56	19	3.2
5	256QAM	1	12	17.61	17.73	17.62		
5	256QAM	1	24	17.67	17.77	17.66		
5	256QAM	12	0	17.59	17.88	17.57	19	3.2
5	256QAM	12	7	17.50	17.88	17.66		
5	256QAM	12	13	17.72	17.50	17.83		
5	256QAM	25	0	17.72	17.63	17.72		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.07	21.15	20.94	22.2	0
3	QPSK	1	8	21.13	20.98	21.03		
3	QPSK	1	14	21.00	21.07	20.93		
3	QPSK	8	0	20.97	21.05	21.08	22.2	0
3	QPSK	8	4	21.02	21.01	20.96		
3	QPSK	8	7	21.05	21.05	21.11		
3	QPSK	15	0	20.99	21.03	20.98		
3	16QAM	1	0	21.04	20.88	20.96	22.2	0
3	16QAM	1	8	21.15	20.87	20.96		
3	16QAM	1	14	21.02	21.02	20.98		
3	16QAM	8	0	21.05	21.05	20.98	22	0.2
3	16QAM	8	4	21.01	21.03	20.99		
3	16QAM	8	7	21.04	21.01	20.90		
3	16QAM	15	0	20.91	21.09	20.95		
3	64QAM	1	0	21.03	20.94	21.12	22	0.2
3	64QAM	1	8	20.93	20.97	20.94		
3	64QAM	1	14	20.99	20.98	20.98		
3	64QAM	8	0	19.54	19.79	19.56	21	1.2
3	64QAM	8	4	19.76	19.73	19.60		
3	64QAM	8	7	19.71	19.75	19.48		
3	64QAM	15	0	19.62	19.91	19.79		
3	256QAM	1	0	17.73	18.00	17.65	19	3.2
3	256QAM	1	8	17.68	17.80	17.76		
3	256QAM	1	14	17.71	17.76	17.64		
3	256QAM	8	0	17.59	17.83	17.57	19	3.2
3	256QAM	8	4	17.56	17.87	17.67		
3	256QAM	8	7	17.80	17.56	17.84		
3	256QAM	15	0	17.64	17.73	17.80		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.95	21.03	20.97	22.2	0
1.4	QPSK	1	3	21.01	20.97	21.07		
1.4	QPSK	1	5	21.06	21.05	20.90		
1.4	QPSK	3	0	20.91	21.07	21.02		
1.4	QPSK	3	1	20.87	21.12	20.96		
1.4	QPSK	3	3	20.95	20.98	21.08		
1.4	QPSK	6	0	21.03	21.09	21.05	22.2	0
1.4	16QAM	1	0	20.93	20.92	21.07	22.2	0
1.4	16QAM	1	3	21.05	20.90	20.98		
1.4	16QAM	1	5	21.07	21.02	20.91		
1.4	16QAM	3	0	21.02	20.99	21.07		
1.4	16QAM	3	1	21.11	21.05	21.03		
1.4	16QAM	3	3	21.08	21.02	20.93		
1.4	16QAM	6	0	20.94	21.05	20.97	22	0.2
1.4	64QAM	1	0	20.98	20.88	21.07	22	0.2
1.4	64QAM	1	3	20.99	20.91	20.99		
1.4	64QAM	1	5	21.03	20.90	20.99		
1.4	64QAM	3	0	21.06	20.92	21.12		
1.4	64QAM	3	1	20.97	21.04	20.99		
1.4	64QAM	3	3	20.89	20.95	21.03		
1.4	64QAM	6	0	19.50	19.78	19.70	21	1.2
1.4	256QAM	1	0	17.48	17.92	17.66	19	3.2
1.4	256QAM	1	3	17.74	17.49	17.86		
1.4	256QAM	1	5	17.64	17.72	17.83		
1.4	256QAM	3	0	17.75	17.95	17.55		
1.4	256QAM	3	1	17.62	17.83	17.76		
1.4	256QAM	3	3	17.60	17.80	17.69		
1.4	256QAM	6	0	17.58	17.91	17.65	19	3.2

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.99	23.03	22.87	24	0
20	QPSK	1	49	22.88	22.99	22.77		
20	QPSK	1	99	22.79	23.02	22.74		
20	QPSK	50	0	21.95	21.99	21.77	23	1
20	QPSK	50	24	21.98	21.90	21.85		
20	QPSK	50	50	21.73	21.95	21.75		
20	QPSK	100	0	21.85	21.93	21.76		
20	16QAM	1	0	21.82	22.07	21.69	23	1
20	16QAM	1	49	21.78	21.86	21.68		
20	16QAM	1	99	21.61	21.90	21.58		
20	16QAM	50	0	21.09	21.04	20.87	22	2
20	16QAM	50	24	20.98	21.10	20.94		
20	16QAM	50	50	20.96	21.02	20.74		
20	16QAM	100	0	20.81	21.10	20.79		
20	64QAM	1	0	21.06	21.06	20.91	22	2
20	64QAM	1	49	20.94	20.98	20.65		
20	64QAM	1	99	20.84	20.97	20.77		
20	64QAM	50	0	19.94	20.06	19.92	21	3
20	64QAM	50	24	20.02	20.00	19.96		
20	64QAM	50	50	19.90	20.11	19.80		
20	64QAM	100	0	19.78	19.97	19.82		
20	256QAM	1	0	18.00	18.01	17.76	19	5
20	256QAM	1	49	17.92	18.04	17.68		
20	256QAM	1	99	17.82	17.98	17.69		
20	256QAM	50	0	18.03	18.13	17.78	19	5
20	256QAM	50	24	17.99	17.97	17.93		
20	256QAM	50	50	17.82	18.11	17.78		
20	256QAM	100	0	17.89	18.01	17.72		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.92	23.00	22.83	24	0
15	QPSK	1	37	22.93	23.02	22.80		
15	QPSK	1	74	22.78	22.98	22.72		
15	QPSK	36	0	22.00	22.11	21.75	23	1
15	QPSK	36	20	21.97	22.10	21.92		
15	QPSK	36	39	21.81	21.88	21.76		
15	QPSK	75	0	21.91	21.90	21.77		
15	16QAM	1	0	21.87	22.00	21.62	23	1
15	16QAM	1	37	21.75	21.89	21.61		
15	16QAM	1	74	21.68	21.94	21.51		
15	16QAM	36	0	21.14	21.11	20.92	22	2
15	16QAM	36	20	20.94	21.09	20.96		
15	16QAM	36	39	20.97	21.06	20.75		
15	16QAM	75	0	20.83	21.07	20.83		
15	64QAM	1	0	21.04	21.03	20.90	22	2
15	64QAM	1	37	21.00	20.96	20.69		
15	64QAM	1	74	20.79	20.94	20.79		
15	64QAM	36	0	19.94	20.12	19.94	21	3
15	64QAM	36	20	19.97	19.99	19.89		
15	64QAM	36	39	19.84	20.09	19.86		
15	64QAM	75	0	19.70	19.92	19.87		
15	256QAM	1	0	18.04	17.99	17.82	19	5
15	256QAM	1	37	17.96	18.00	17.64		
15	256QAM	1	74	17.80	17.99	17.66		
15	256QAM	36	0	17.97	18.16	17.71	19	5
15	256QAM	36	20	17.95	17.99	17.91		
15	256QAM	36	39	17.85	18.15	17.83		
15	256QAM	75	0	17.84	18.07	17.73		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.98	22.88	22.89	24	0
10	QPSK	1	25	22.92	22.96	22.81		
10	QPSK	1	49	22.79	22.90	22.76		
10	QPSK	25	0	21.95	22.02	21.82	23	1
10	QPSK	25	12	21.95	22.01	21.77		
10	QPSK	25	25	21.61	21.95	21.76		
10	QPSK	50	0	21.82	21.93	21.73		
10	16QAM	1	0	21.88	21.93	21.55	23	1
10	16QAM	1	25	21.77	21.69	21.58		
10	16QAM	1	49	21.52	21.78	21.56		
10	16QAM	25	0	21.14	20.91	20.72	22	2
10	16QAM	25	12	20.92	21.01	20.83		
10	16QAM	25	25	20.85	20.88	20.65		
10	16QAM	50	0	20.74	21.13	20.67		
10	64QAM	1	0	21.00	20.99	20.76	22	2
10	64QAM	1	25	20.97	21.01	20.57		
10	64QAM	1	49	20.69	21.03	20.71		
10	64QAM	25	0	19.91	19.98	19.88	21	3
10	64QAM	25	12	19.97	19.96	19.82		
10	64QAM	25	25	19.76	20.01	19.83		
10	64QAM	50	0	19.64	20.01	19.65		
10	256QAM	1	0	17.84	17.92	17.69	19	5
10	256QAM	1	25	17.91	17.92	17.54		
10	256QAM	1	49	17.87	18.02	17.65		
10	256QAM	25	0	18.09	18.20	17.78	19	5
10	256QAM	25	12	17.98	17.95	17.77		
10	256QAM	25	25	17.79	17.97	17.85		
10	256QAM	50	0	17.83	17.96	17.62		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.00	23.02	22.91	24	0
5	QPSK	1	12	22.87	23.02	22.78		
5	QPSK	1	24	22.70	22.99	22.73		
5	QPSK	12	0	21.91	22.11	21.77	23	1
5	QPSK	12	7	21.92	22.03	21.85		
5	QPSK	12	13	21.65	21.91	21.69		
5	QPSK	25	0	21.82	21.98	21.77		
5	16QAM	1	0	21.86	21.96	21.67	23	1
5	16QAM	1	12	21.70	21.83	21.71		
5	16QAM	1	24	21.56	21.81	21.61		
5	16QAM	12	0	20.99	20.96	20.85	22	2
5	16QAM	12	7	20.99	21.11	20.87		
5	16QAM	12	13	20.86	21.00	20.68		
5	16QAM	25	0	20.72	21.13	20.77		
5	64QAM	1	0	21.02	21.02	20.82	22	2
5	64QAM	1	12	20.92	21.02	20.56		
5	64QAM	1	24	20.75	20.93	20.76		
5	64QAM	12	0	19.94	19.99	19.93	21	3
5	64QAM	12	7	20.03	19.89	19.98		
5	64QAM	12	13	19.80	20.01	19.77		
5	64QAM	25	0	19.75	19.95	19.85		
5	256QAM	1	0	17.94	17.95	17.72	19	5
5	256QAM	1	12	17.84	17.99	17.62		
5	256QAM	1	24	17.75	17.96	17.63		
5	256QAM	12	0	17.97	18.08	17.67	19	5
5	256QAM	12	7	17.95	17.87	17.95		
5	256QAM	12	13	17.82	18.03	17.80		
5	256QAM	25	0	17.88	17.92	17.73		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.02	22.83	23.05	22.93	23.02	24	0
20	QPSK	1	49	22.96	22.79	22.96	22.75	22.74		
20	QPSK	1	99	22.86	22.68	22.90	22.84	22.87		
20	QPSK	50	0	21.99	21.85	22.05	22.02	21.94	23	1
20	QPSK	50	24	21.97	21.87	22.00	21.84	21.73		
20	QPSK	50	50	21.95	21.74	21.95	21.93	21.81		
20	QPSK	100	0	21.91	21.82	22.10	21.73	21.87		
20	16QAM	1	0	21.93	21.85	22.10	21.86	22.00	23	1
20	16QAM	1	49	21.98	21.93	21.99	22.06	21.71		
20	16QAM	1	99	22.02	21.88	21.99	22.06	21.85		
20	16QAM	50	0	20.98	20.94	21.02	21.06	20.76	22	2
20	16QAM	50	24	21.08	20.75	20.85	20.67	20.92		
20	16QAM	50	50	20.79	20.59	20.91	20.92	20.78		
20	16QAM	100	0	21.00	20.86	21.11	21.01	21.08		
20	64QAM	1	0	20.95	20.80	21.02	21.04	20.84	22	2
20	64QAM	1	49	21.02	20.83	21.02	20.77	20.82		
20	64QAM	1	99	20.77	20.71	20.83	20.91	21.04		
20	64QAM	50	0	20.04	19.74	20.06	20.17	19.92	21	3
20	64QAM	50	24	20.10	19.89	20.17	20.04	19.96		
20	64QAM	50	50	19.89	19.81	20.05	19.82	19.73		
20	64QAM	100	0	19.92	19.71	19.96	19.94	19.99		
20	256QAM	1	0	18.00	17.88	17.97	18.03	18.01	19	5
20	256QAM	1	49	17.86	17.79	17.91	17.77	17.61		
20	256QAM	1	99	17.95	17.57	17.81	18.01	17.80		
20	256QAM	50	0	17.92	17.72	18.13	17.98	17.99	19	5
20	256QAM	50	24	18.04	17.80	18.11	18.04	17.88		
20	256QAM	50	50	17.85	17.70	18.07	17.64	17.90		
20	256QAM	100	0	17.77	17.56	17.90	17.93	17.75		
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	22.88	22.85	23.03	22.84	22.94	24	0
15	QPSK	1	37	22.86	22.71	22.85	22.61	22.63		
15	QPSK	1	74	22.79	22.58	22.83	22.81	22.83		
15	QPSK	36	0	21.95	21.77	22.03	21.96	21.88	23	1
15	QPSK	36	20	21.84	21.78	22.00	21.80	21.69		
15	QPSK	36	39	21.87	21.65	21.90	21.86	21.81		
15	QPSK	75	0	21.75	21.64	22.03	21.56	21.79		
15	16QAM	1	0	21.80	21.77	21.95	21.83	21.87	23	1
15	16QAM	1	37	21.85	21.84	21.83	22.06	21.72		
15	16QAM	1	74	21.86	21.83	21.95	21.89	21.78		
15	16QAM	36	0	20.85	20.84	20.94	20.99	20.67	22	2
15	16QAM	36	20	20.96	20.70	20.68	20.55	20.89		
15	16QAM	36	39	20.72	20.49	20.88	20.91	20.74		
15	16QAM	75	0	20.98	20.80	20.93	20.88	21.07		
15	64QAM	1	0	20.84	20.81	21.04	20.88	20.78	22	2
15	64QAM	1	37	20.87	20.66	20.90	20.73	20.80		
15	64QAM	1	74	20.62	20.54	20.82	20.73	20.89		
15	64QAM	36	0	19.93	19.72	19.88	20.16	19.81	21	3
15	64QAM	36	20	19.92	19.87	20.19	20.02	19.88		
15	64QAM	36	39	19.89	19.75	19.92	19.72	19.74		
15	64QAM	75	0	19.88	19.68	19.91	19.84	19.92		
15	256QAM	1	0	17.99	17.73	17.99	17.90	17.95	19	5
15	256QAM	1	37	17.82	17.75	17.87	17.74	17.61		
15	256QAM	1	74	17.80	17.53	17.69	17.93	17.73		
15	256QAM	36	0	17.76	17.71	18.00	17.85	17.98	19	5
15	256QAM	36	20	17.99	17.72	18.03	17.94	17.82		
15	256QAM	36	39	17.85	17.53	18.01	17.63	17.87		
15	256QAM	75	0	17.61	17.44	17.79	17.90	17.77		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.85	22.66	23.02	22.77	23.03	24	0
10	QPSK	1	25	22.82	22.62	22.89	22.58	22.56		
10	QPSK	1	49	22.73	22.67	22.90	22.68	22.85		
10	QPSK	25	0	21.97	21.68	22.03	21.95	21.80	23	1
10	QPSK	25	12	21.80	21.77	21.89	21.78	21.55		
10	QPSK	25	25	21.96	21.72	21.92	21.92	21.68		
10	QPSK	50	0	21.81	21.65	22.00	21.73	21.87		
10	16QAM	1	0	21.77	21.68	22.05	21.87	22.01	23	1
10	16QAM	1	25	21.90	21.85	21.85	21.91	21.70		
10	16QAM	1	49	21.91	21.74	22.00	22.08	21.67		
10	16QAM	25	0	20.92	20.81	20.97	20.93	20.66	22	2
10	16QAM	25	12	21.04	20.73	20.84	20.60	20.93		
10	16QAM	25	25	20.67	20.56	20.88	20.79	20.74		
10	16QAM	50	0	20.90	20.86	21.00	20.89	21.07		
10	64QAM	1	0	20.94	20.81	20.93	20.93	20.85	22	2
10	64QAM	1	25	21.00	20.71	21.03	20.61	20.67		
10	64QAM	1	49	20.65	20.58	20.67	20.74	20.88		
10	64QAM	25	0	19.97	19.66	20.04	19.99	19.93	21	3
10	64QAM	25	12	20.00	19.78	20.00	20.02	19.92		
10	64QAM	25	25	19.71	19.65	19.95	19.79	19.67		
10	64QAM	50	0	19.87	19.71	19.93	19.83	20.00		
10	256QAM	1	0	18.01	17.70	17.96	17.90	17.84	19	5
10	256QAM	1	25	17.87	17.65	17.82	17.68	17.52		
10	256QAM	1	49	17.82	17.59	17.64	18.00	17.80		
10	256QAM	25	0	17.74	17.68	17.98	17.94	18.00	19	5
10	256QAM	25	12	17.97	17.75	18.00	17.98	17.78		
10	256QAM	25	25	17.86	17.56	17.83	17.50	17.83		
10	256QAM	50	0	17.63	17.57	17.86	17.84	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	22.90	22.67	22.90	22.94	22.85	24	0
5	QPSK	1	12	22.92	22.73	22.86	22.77	22.74		
5	QPSK	1	24	22.78	22.54	22.73	22.70	22.80		
5	QPSK	12	0	21.93	21.78	22.06	21.98	21.81	23	1
5	QPSK	12	7	21.85	21.74	22.00	21.79	21.63		
5	QPSK	12	13	21.82	21.63	21.87	21.83	21.82		
5	QPSK	25	0	21.90	21.65	22.00	21.65	21.74		
5	16QAM	1	0	21.75	21.74	22.05	21.75	21.95	23	1
5	16QAM	1	12	21.82	21.77	21.90	22.02	21.67		
5	16QAM	1	24	22.01	21.88	21.93	22.06	21.67		
5	16QAM	12	0	20.99	20.87	20.89	21.01	20.59	22	2
5	16QAM	12	7	21.02	20.65	20.82	20.69	20.89		
5	16QAM	12	13	20.66	20.58	20.84	20.94	20.79		
5	16QAM	25	0	20.95	20.87	21.04	21.00	21.06		
5	64QAM	1	0	20.85	20.77	20.84	21.00	20.78	22	2
5	64QAM	1	12	20.97	20.72	21.02	20.74	20.82		
5	64QAM	1	24	20.60	20.68	20.85	20.89	20.86		
5	64QAM	12	0	19.92	19.64	20.02	20.13	19.93	21	3
5	64QAM	12	7	20.01	19.75	20.10	20.05	19.94		
5	64QAM	12	13	19.83	19.83	19.92	19.74	19.68		
5	64QAM	25	0	19.76	19.62	19.92	19.79	19.81		
5	256QAM	1	0	17.97	17.90	17.90	17.89	17.88	19	5
5	256QAM	1	12	17.85	17.81	17.87	17.62	17.50		
5	256QAM	1	24	17.78	17.58	17.81	17.91	17.78		
5	256QAM	12	0	17.86	17.70	18.05	17.99	17.94	19	5
5	256QAM	12	7	17.91	17.67	18.00	18.00	17.73		
5	256QAM	12	13	17.73	17.61	18.05	17.55	17.91		
5	256QAM	25	0	17.71	17.40	17.83	17.80	17.58		

Band 2 Ant4

BW [MHz]	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	20.05	20.19	19.96		
20	QPSK	1	49	19.91	19.90	20.08	21.2	0
20	QPSK	1	99	20.19	20.14	20.11		
20	QPSK	50	0	20.00	20.08	19.92		
20	QPSK	50	24	20.06	20.05	19.93	21.2	0
20	QPSK	50	50	20.02	19.94	19.92		
20	QPSK	100	0	20.04	20.06	20.00		
20	16QAM	1	0	20.00	20.00	20.18		
20	16QAM	1	49	19.94	20.14	20.06	21.2	0
20	16QAM	1	99	20.03	20.10	19.97		
20	16QAM	50	0	20.02	20.10	20.06		
20	16QAM	50	24	20.04	20.09	20.08	21.2	0
20	16QAM	50	50	20.02	19.97	20.04		
20	16QAM	100	0	20.01	19.95	20.06		
20	64QAM	1	0	20.01	19.97	19.92		
20	64QAM	1	49	20.03	20.07	20.07	21.2	0
20	64QAM	1	99	20.03	19.96	19.88		
20	64QAM	50	0	20.04	20.07	19.99		
20	64QAM	50	24	20.05	20.05	19.93	21	0.2
20	64QAM	50	50	20.13	20.10	20.00		
20	64QAM	100	0	19.98	19.91	19.95		
20	256QAM	1	0	18.09	18.05	18.00		
20	256QAM	1	49	18.10	18.17	18.15	19	2.2
20	256QAM	1	99	18.15	18.14	18.19		
20	256QAM	50	0	18.23	18.22	18.00		
20	256QAM	50	24	18.23	18.07	18.23	19	2.2
20	256QAM	50	50	18.13	18.05	18.03		
20	256QAM	100	0	18.16	18.02	18.12		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.94	20.12	20.05		
15	QPSK	1	37	19.90	19.91	20.09	21.2	0
15	QPSK	1	74	20.15	20.14	20.08		
15	QPSK	36	0	20.06	20.15	19.98		
15	QPSK	36	20	20.00	19.99	20.07	21.2	0
15	QPSK	36	39	20.08	19.94	20.03		
15	QPSK	75	0	20.08	20.10	19.98		
15	16QAM	1	0	20.03	20.06	20.18		
15	16QAM	1	37	20.05	20.07	20.13	21.2	0
15	16QAM	1	74	19.97	19.96	19.96		
15	16QAM	36	0	19.98	20.08	20.01		
15	16QAM	36	20	20.03	20.12	20.03	21.2	0
15	16QAM	36	39	19.88	20.01	20.03		
15	16QAM	75	0	20.07	20.03	20.04		
15	64QAM	1	0	20.05	19.98	19.94		
15	64QAM	1	37	20.07	20.05	20.13	21.2	0
15	64QAM	1	74	20.02	20.06	19.94		
15	64QAM	36	0	20.07	20.04	20.11		
15	64QAM	36	20	19.98	20.02	20.02	21	0.2
15	64QAM	36	39	20.04	20.18	20.00		
15	64QAM	75	0	20.04	19.90	19.93		
15	256QAM	1	0	18.05	18.09	18.05		
15	256QAM	1	37	18.05	18.04	18.11	19	2.2
15	256QAM	1	74	18.04	18.04	18.23		
15	256QAM	36	0	18.20	18.19	18.06		
15	256QAM	36	20	18.13	18.10	18.20	19	2.2
15	256QAM	36	39	18.03	18.08	18.08		
15	256QAM	75	0	18.10	18.03	18.17		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.95	20.06	19.94		
10	QPSK	1	25	19.89	19.98	20.09	21.2	0
10	QPSK	1	49	20.14	20.10	20.13		
10	QPSK	25	0	19.98	20.15	19.99		
10	QPSK	25	12	19.99	20.05	19.92	21.2	0
10	QPSK	25	25	20.09	19.97	19.91		
10	QPSK	50	0	20.11	20.13	20.00		
10	16QAM	1	0	20.02	20.06	20.15		
10	16QAM	1	25	19.94	20.13	20.12	21.2	0
10	16QAM	1	49	20.07	20.11	19.99		
10	16QAM	25	0	20.07	20.04	20.06		
10	16QAM	25	12	20.08	20.02	20.02	21.2	0
10	16QAM	25	25	19.91	20.02	20.03		
10	16QAM	50	0	20.04	19.99	20.01		
10	64QAM	1	0	19.96	20.04	20.04		
10	64QAM	1	25	20.04	20.07	20.01	21.2	0
10	64QAM	1	49	19.95	19.98	19.98		
10	64QAM	25	0	20.08	20.15	20.05		
10	64QAM	25	12	20.04	20.05	20.03	21	0.2
10	64QAM	25	25	20.10	20.09	19.95		
10	64QAM	50	0	20.02	19.88	19.92		
10	256QAM	1	0	18.08	18.06	18.15		
10	256QAM	1	25	18.06	18.06	18.15	19	2.2
10	256QAM	1	49	18.11	18.04	18.16		
10	256QAM	25	0	18.13	18.19	18.10		
10	256QAM	25	12	18.26	18.13	18.16	19	2.2
10	256QAM	25	25	18.03	18.02	18.07		
10	256QAM	50	0	18.06	18.15	18.17		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.08	20.06	20.06		
5	QPSK	1	12	19.92	19.97	20.12	21.2	0
5	QPSK	1	24	20.07	20.13	20.13		
5	QPSK	12	0	20.09	20.05	20.05		
5	QPSK	12	7	20.04	20.01	19.95	21.2	0
5	QPSK	12	13	20.04	19.97	20.02		
5	QPSK	25	0	20.00	20.07	20.10		
5	16QAM	1	0	20.00	20.11	20.14		
5	16QAM	1	12	20.02	20.12	20.10	21.2	0
5	16QAM	1	24	20.07	20.10	20.03		
5	16QAM	12	0	20.01	20.11	20.00		
5	16QAM	12	7	19.97	20.10	20.07	21.2	0
5	16QAM	12	13	19.89	20.05	20.10		
5	16QAM	25	0	20.15	19.92	20.11		
5	64QAM	1	0	19.95	19.96	19.99		
5	64QAM	1	12	20.10	19.95	20.12	21.2	0
5	64QAM	1	24	20.05	20.03	19.93		
5	64QAM	12	0	20.09	20.08	20.10		
5	64QAM	12	7	20.00	20.07	20.04	21	0.2
5	64QAM	12	13	20.14	20.12	20.07		
5	64QAM	25	0	20.02	20.00	19.94		
5	256QAM	1	0	18.13	18.02	18.04		
5	256QAM	1	12	18.13	18.03	18.12	19	2.2
5	256QAM	1	24	18.16	18.13	18.18		
5	256QAM	12	0	18.16	18.07	18.10		
5	256QAM	12	7	18.19	18.11	18.11	19	2.2
5	256QAM	12	13	18.03	18.04	18.08		
5	256QAM	25	0	18.05	18.02	18.10		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.03	20.15	19.98		
3	QPSK	1	8	19.98	19.89	19.98	21.2	0
3	QPSK	1	14	20.17	20.12	20.06		
3	QPSK	8	0	19.96	20.13	20.03		
3	QPSK	8	4	20.08	20.01	19.98	21.2	0
3	QPSK	8	7	20.03	20.05	20.03		
3	QPSK	15	0	19.96	20.04	20.07		
3	16QAM	1	0	20.08	20.09	20.13		
3	16QAM	1	8	19.92	20.14	20.04	21.2	0
3	16QAM	1	14	20.03	20.03	20.05		
3	16QAM	8	0	20.07	20.14	20.06		
3	16QAM	8	4	19.92	20.13	20.07	21.2	0
3	16QAM	8	7	19.90	19.98	20.11		
3	16QAM	15	0	20.04	20.03	20.11		
3	64QAM	1	0	20.03	19.97	19.95		
3	64QAM	1	8	19.99	20.02	20.07	21.2	0
3	64QAM	1	14	20.04	20.06	19.90		
3	64QAM	8	0	20.00	20.10	20.06		
3	64QAM	8	4	19.93	19.97	19.94	21	0.2
3	64QAM	8	7	20.11	20.07	19.96		
3	64QAM	15	0	19.95	20.04	20.04		
3	256QAM	1	0	18.05	18.09	18.08		
3	256QAM	1	8	17.99	18.03	18.20	19	2.2
3	256QAM	1	14	18.06	18.05	18.15		
3	256QAM	8	0	18.17	18.16	18.08		
3	256QAM	8	4	18.12	18.17	18.20	19	2.2
3	256QAM	8	7	18.11	18.13	18.01		
3	256QAM	15	0	18.11	18.05	18.06		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.02	20.07	19.93		
1.4	QPSK	1	3	19.90	19.89	20.05		
1.4	QPSK	1	5	20.15	20.06	20.06	21.2	0
1.4	QPSK	3	0	20.02	20.09	20.02		
1.4	QPSK	3	1	20.06	20.07	19.98		
1.4	QPSK	3	3	20.04	19.94	19.96		
1.4	QPSK	6	0	20.09	20.07	20.05	21.2	0
1.4	16QAM	1	0	20.08	20.07	20.16		
1.4	16QAM	1	3	20.05	20.04	20.03		
1.4	16QAM	1	5	20.00	20.12	19.96	21.2	0
1.4	16QAM	3	0	20.09	20.09	19.96		
1.4	16QAM	3	1	20.06	20.09	20.02		
1.4	16QAM	3	3	19.88	19.95	20.08		
1.4	16QAM	6	0	20.10	20.01	20.12	21.2	0
1.4	64QAM	1	0	19.98	19.95	20.04		
1.4	64QAM	1	3	20.08	19.98	20.09		
1.4	64QAM	1	5	20.06	19.94	19.92	21.2	0
1.4	64QAM	3	0	20.08	20.07	20.09		
1.4	64QAM	3	1	20.07	19.99	19.98		
1.4	64QAM	3	3	20.14	20.10	19.95		
1.4	64QAM	6	0	19.99	20.02	19.93	21	0.2
1.4	256QAM	1	0	18.12	18.03	18.10		
1.4	256QAM	1	3	18.09	18.13	18.16		
1.4	256QAM	1	5	18.04	18.06	18.21	19	2.2
1.4	256QAM	3	0	18.13	18.10	18.07		
1.4	256QAM	3	1	18.22	18.02	18.21		
1.4	256QAM	3	3	18.02	18.09	18.07		
1.4	256QAM	6	0	18.11	18.01	18.19	19	2.2

Band 4 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.45	20.65	20.54		
20	QPSK	1	49	20.48	20.47	20.41	22.2	0
20	QPSK	1	99	20.37	20.42	20.44		
20	QPSK	50	0	20.46	20.58	20.50		
20	QPSK	50	24	20.42	20.50	20.35	22.2	0
20	QPSK	50	50	20.40	20.51	20.48		
20	QPSK	100	0	20.37	20.46	20.46		
20	16QAM	1	0	20.42	20.56	20.61		
20	16QAM	1	49	20.58	20.49	20.39	22.2	0
20	16QAM	1	99	20.37	20.53	20.48		
20	16QAM	50	0	20.53	20.43	20.44		
20	16QAM	50	24	20.48	20.41	20.54	22	0.2
20	16QAM	50	50	20.42	20.48	20.52		
20	16QAM	100	0	20.46	20.49	20.57		
20	64QAM	1	0	20.49	20.54	20.46		
20	64QAM	1	49	20.47	20.46	20.55	22	0.2
20	64QAM	1	99	20.52	20.57	20.58		
20	64QAM	50	0	20.08	20.19	20.12		
20	64QAM	50	24	19.98	20.06	20.14	21	1.2
20	64QAM	50	50	20.05	20.06	20.11		
20	64QAM	100	0	20.10	20.02	19.93		
20	256QAM	1	0	18.00	18.03	18.00		
20	256QAM	1	49	18.18	18.03	18.13	19	3.2
20	256QAM	1	99	18.02	17.99	17.99		
20	256QAM	50	0	18.18	18.07	17.98		
20	256QAM	50	24	18.03	18.01	18.17	19	3.2
20	256QAM	50	50	17.98	18.04	18.00		
20	256QAM	100	0	18.08	18.18	18.05		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.48	20.60	20.48		
15	QPSK	1	37	20.35	20.43	20.49	22.2	0
15	QPSK	1	74	20.37	20.39	20.55		
15	QPSK	36	0	20.42	20.55	20.52		
15	QPSK	36	20	20.56	20.45	20.51	22.2	0
15	QPSK	36	39	20.46	20.45	20.36		
15	QPSK	75	0	20.45	20.53	20.45		
15	16QAM	1	0	20.42	20.50	20.51		
15	16QAM	1	37	20.49	20.56	20.44	22.2	0
15	16QAM	1	74	20.46	20.53	20.60		
15	16QAM	36	0	20.63	20.50	20.58		
15	16QAM	36	20	20.46	20.54	20.42	22	0.2
15	16QAM	36	39	20.46	20.59	20.47		
15	16QAM	75	0	20.57	20.62	20.59		
15	64QAM	1	0	20.44	20.43	20.41		
15	64QAM	1	37	20.51	20.52	20.55	22	0.2
15	64QAM	1	74	20.51	20.59	20.49		
15	64QAM	36	0	20.05	20.10	20.12		
15	64QAM	36	20	20.11	20.24	20.16	21	1.2
15	64QAM	36	39	20.17	20.05	20.08		
15	64QAM	75	0	20.10	20.07	19.95		
15	256QAM	1	0	17.99	18.05	18.11		
15	256QAM	1	37	18.06	18.13	18.04	19	3.2
15	256QAM	1	74	18.09	18.09	18.01		
15	256QAM	36	0	18.07	18.15	18.03		
15	256QAM	36	20	18.02	17.97	18.13	19	3.2
15	256QAM	36	39	18.05	18.18	18.00		
15	256QAM	75	0	18.21	18.08	18.04		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.44	20.32	20.47		
10	QPSK	1	25	20.43	20.54	20.41	22.2	0
10	QPSK	1	49	20.47	20.33	20.55		
10	QPSK	25	0	20.52	20.46	20.53		
10	QPSK	25	12	20.55	20.48	20.44	22.2	0
10	QPSK	25	25	20.49	20.48	20.38		
10	QPSK	50	0	20.38	20.52	20.35		
10	16QAM	1	0	20.34	20.56	20.57		
10	16QAM	1	25	20.51	20.57	20.40	22.2	0
10	16QAM	1	49	20.48	20.37	20.46		
10	16QAM	25	0	20.55	20.49	20.56		
10	16QAM	25	12	20.48	20.54	20.55	22	0.2
10	16QAM	25	25	20.55	20.49	20.56		
10	16QAM	50	0	20.59	20.54	20.51		
10	64QAM	1	0	20.35	20.49	20.47		
10	64QAM	1	25	20.41	20.39	20.57	22	0.2
10	64QAM	1	49	20.60	20.58	20.57		
10	64QAM	25	0	19.99	20.10	20.20		
10	64QAM	25	12	20.03	20.18	20.11	21	1.2
10	64QAM	25	25	20.17	20.06	20.13		
10	64QAM	50	0	20.12	19.93	19.99		
10	256QAM	1	0	18.00	18.11	17.99		
10	256QAM	1	25	18.13	17.99	18.09	19	3.2
10	256QAM	1	49	18.06	18.08	17.96		
10	256QAM	25	0	18.16	18.18	17.95		
10	256QAM	25	12	18.08	18.09	18.09	19	3.2
10	256QAM	25	25	18.09	18.11	18.06		
10	256QAM	50	0	18.08	18.16	18.08		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.51	20.50	20.43		
5	QPSK	1	12	20.37	20.51	20.36	22.2	0
5	QPSK	1	24	20.34	20.35	20.48		
5	QPSK	12	0	20.50	20.57	20.42		
5	QPSK	12	7	20.43	20.44	20.48	22.2	0
5	QPSK	12	13	20.50	20.44	20.42		
5	QPSK	25	0	20.45	20.43	20.39		
5	16QAM	1	0	20.45	20.47	20.49		
5	16QAM	1	12	20.51	20.47	20.51	22.2	0
5	16QAM	1	24	20.40	20.47	20.51		
5	16QAM	12	0	20.50	20.45	20.51		
5	16QAM	12	7	20.49	20.53	20.53	22	0.2
5	16QAM	12	13	20.42	20.49	20.57		
5	16QAM	25	0	20.46	20.54	20.58		
5	64QAM	1	0	20.42	20.53	20.35		
5	64QAM	1	12	20.43	20.44	20.46	22	0.2
5	64QAM	1	24	20.60	20.49	20.52		
5	64QAM	12	0	19.99	20.08	20.14		
5	64QAM	12	7	20.07	20.14	20.13	21	1.2
5	64QAM	12	13	20.09	20.10	20.18		
5	64QAM	25	0	20.02	20.06	20.03		
5	256QAM	1	0	18.07	18.12	18.07		
5	256QAM	1	12	18.13	18.01	18.12	19	3.2
5	256QAM	1	24	18.09	18.09	17.96		
5	256QAM	12	0	18.10	18.12	17.94		
5	256QAM	12	7	18.11	17.96	18.15	19	3.2
5	256QAM	12	13	18.10	18.09	18.09		
5	256QAM	25	0	18.21	18.19	18.03		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.50	20.56	20.41		
3	QPSK	1	8	20.42	20.49	20.40	22.2	0
3	QPSK	1	14	20.38	20.44	20.56		
3	QPSK	8	0	20.46	20.50	20.55		
3	QPSK	8	4	20.43	20.47	20.42	22.2	0
3	QPSK	8	7	20.41	20.45	20.39		
3	QPSK	15	0	20.39	20.47	20.46		
3	16QAM	1	0	20.33	20.52	20.52		
3	16QAM	1	8	20.46	20.57	20.43	22.2	0
3	16QAM	1	14	20.43	20.40	20.51		
3	16QAM	8	0	20.60	20.50	20.56		
3	16QAM	8	4	20.46	20.52	20.54	22	0.2
3	16QAM	8	7	20.52	20.58	20.47		
3	16QAM	15	0	20.57	20.56	20.59		
3	64QAM	1	0	20.39	20.46	20.35		
3	64QAM	1	8	20.49	20.42	20.56	22	0.2
3	64QAM	1	14	20.57	20.57	20.58		
3	64QAM	8	0	20.01	20.21	20.06		
3	64QAM	8	4	19.98	20.06	20.21	21	1.2
3	64QAM	8	7	20.12	20.21	20.09		
3	64QAM	15	0	20.15	20.02	20.03		
3	256QAM	1	0	18.11	18.05	18.07		
3	256QAM	1	8	18.19	18.05	18.01	19	3.2
3	256QAM	1	14	18.08	18.11	17.94		
3	256QAM	8	0	18.15	18.12	17.99		
3	256QAM	8	4	18.05	18.03	18.23	19	3.2
3	256QAM	8	7	18.05	18.13	17.97		
3	256QAM	15	0	18.22	18.14	18.04		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.56	20.54	20.43		
1.4	QPSK	1	3	20.35	20.53	20.42		
1.4	QPSK	1	5	20.34	20.35	20.55	22.2	0
1.4	QPSK	3	0	20.38	20.46	20.54		
1.4	QPSK	3	1	20.58	20.53	20.45		
1.4	QPSK	3	3	20.42	20.46	20.35		
1.4	QPSK	6	0	20.42	20.53	20.43	22.2	0
1.4	16QAM	1	0	20.40	20.58	20.57		
1.4	16QAM	1	3	20.57	20.45	20.50		
1.4	16QAM	1	5	20.44	20.50	20.48	22.2	0
1.4	16QAM	3	0	20.61	20.52	20.51		
1.4	16QAM	3	1	20.51	20.43	20.52		
1.4	16QAM	3	3	20.56	20.49	20.52		
1.4	16QAM	6	0	20.57	20.51	20.59	22	0.2
1.4	64QAM	1	0	20.37	20.49	20.35		
1.4	64QAM	1	3	20.52	20.50	20.54		
1.4	64QAM	1	5	20.54	20.51	20.57	22	0.2
1.4	64QAM	3	0	20.03	20.10	20.11		
1.4	64QAM	3	1	19.97	20.06	20.17		
1.4	64QAM	3	3	20.08	20.09	20.11		
1.4	64QAM	6	0	20.11	19.99	20.04	21	1.2
1.4	256QAM	1	0	18.11	18.09	18.00		
1.4	256QAM	1	3	18.06	18.13	18.03		
1.4	256QAM	1	5	18.04	18.12	18.03	19	3.2
1.4	256QAM	3	0	18.13	18.08	17.95		
1.4	256QAM	3	1	18.11	17.99	18.07		
1.4	256QAM	3	3	18.10	18.01	18.12		
1.4	256QAM	6	0	18.14	18.07	18.03	19	3.2

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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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.45	22.59	22.47		
10	QPSK	1	25	22.35	22.57	22.41	24	0
10	QPSK	1	49	22.36	22.56	22.48		
10	QPSK	25	0	21.52	21.57	21.45		
10	QPSK	25	12	21.44	21.55	21.56	23	1
10	QPSK	25	25	21.44	21.53	21.49		
10	QPSK	50	0	21.49	21.56	21.40		
10	16QAM	1	0	21.54	21.67	21.44		
10	16QAM	1	25	21.52	21.53	21.59	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				26140	26340	26690		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.12	20.23	20.08		
20	QPSK	1	49	20.07	20.06	20.14	21.2	0
20	QPSK	1	99	20.21	20.19	20.17		
20	QPSK	50	0	20.13	20.20	20.07		
20	QPSK	50	24	20.11	20.14	20.10	21.2	0
20	QPSK	50	50	20.18	20.08	20.08		
20	QPSK	100	0	20.14	20.15	20.12		
20	16QAM	1	0	20.13	20.18	20.21		
20	16QAM	1	49	20.08	20.20	20.16	21.2	0
20	16QAM	1	99	20.14	20.15	20.13		
20	16QAM	50	0	20.14	20.17	20.09		
20	16QAM	50	24	20.10	20.17	20.17	21.2	0
20	16QAM	50	50	20.06	20.12	20.19		
20	16QAM	100	0	20.18	20.06	20.15		
20	64QAM	1	0	20.11	20.09	20.09		
20	64QAM	1	49	20.16	20.13	20.16	21.2	0
20	64QAM	1	99	20.09	20.09	20.06		
20	64QAM	50	0	20.16	20.19	20.17		
20	64QAM	50	24	20.09	20.15	20.06	21	0.2
20	64QAM	50	50	20.18	20.21	20.10		
20	64QAM	100	0	20.09	20.06	20.09		
20	256QAM	1	0	18.23	18.18	18.17		
20	256QAM	1	49	18.16	18.20	18.25	19	2.2
20	256QAM	1	99	18.18	18.20	18.28		
20	256QAM	50	0	18.28	18.24	18.18		
20	256QAM	50	24	18.28	18.19	18.28	19	2.2
20	256QAM	50	50	18.18	18.17	18.16		
20	256QAM	100	0	18.20	18.18	18.21		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.95	20.09	19.97		
15	QPSK	1	37	20.04	20.02	20.03	21.2	0
15	QPSK	1	74	20.17	20.08	20.15		
15	QPSK	36	0	20.00	20.07	20.04		
15	QPSK	36	20	19.94	20.08	20.00	21.2	0
15	QPSK	36	39	20.11	19.92	20.01		
15	QPSK	75	0	20.09	20.12	19.99		
15	16QAM	1	0	20.07	20.06	20.11		
15	16QAM	1	37	20.04	20.06	20.05	21.2	0
15	16QAM	1	74	20.16	20.06	20.11		
15	16QAM	36	0	19.96	20.07	19.99		
15	16QAM	36	20	19.94	20.02	20.01	21.2	0
15	16QAM	36	39	19.96	20.01	20.15		
15	16QAM	75	0	20.16	19.93	20.10		
15	64QAM	1	0	20.06	19.93	19.95		
15	64QAM	1	37	20.04	20.10	20.04	21.2	0
15	64QAM	1	74	20.02	19.93	19.98		
15	64QAM	36	0	20.08	20.08	20.04		
15	64QAM	36	20	19.96	19.98	20.01	21	0.2
15	64QAM	36	39	20.12	20.07	19.97		
15	64QAM	75	0	19.91	19.98	19.97		
15	256QAM	1	0	18.17	18.14	18.00		
15	256QAM	1	37	17.98	18.18	18.21	19	2.2
15	256QAM	1	74	18.15	18.04	18.21		
15	256QAM	36	0	18.17	18.21	18.03		
15	256QAM	36	20	18.18	18.13	18.18	19	2.2
15	256QAM	36	39	18.15	17.99	17.99		
15	256QAM	75	0	18.09	18.04	18.10		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850	1880	1910		
10	QPSK	1	0	19.96	20.13	20.06		
10	QPSK	1	25	19.98	20.03	19.99	21.2	0
10	QPSK	1	49	20.13	20.04	20.07		
10	QPSK	25	0	20.11	20.02	19.93		
10	QPSK	25	12	19.98	20.00	19.96	21.2	0
10	QPSK	25	25	20.06	19.96	20.06		
10	QPSK	50	0	20.08	20.08	20.00		
10	16QAM	1	0	19.95	20.08	20.17		
10	16QAM	1	25	19.95	20.12	20.00	21.2	0
10	16QAM	1	49	20.02	20.07	20.07		
10	16QAM	25	0	20.04	20.12	19.95		
10	16QAM	25	12	20.00	20.01	20.11	21.2	0
10	16QAM	25	25	19.98	20.02	20.08		
10	16QAM	50	0	20.05	19.91	20.03		
10	64QAM	1	0	19.98	20.01	19.99	21.2	0
10	64QAM	1	25	20.04	20.11	20.02		
10	64QAM	1	49	20.04	20.00	20.02		
10	64QAM	25	0	19.98	20.05	19.99		
10	64QAM	25	12	19.94	20.05	20.02	21	0.2
10	64QAM	25	25	20.11	20.12	19.93		
10	64QAM	50	0	19.97	20.03	20.05		
10	256QAM	1	0	18.08	18.08	18.00		
10	256QAM	1	25	17.98	18.10	18.18	19	2.2
10	256QAM	1	49	18.05	18.17	18.25		
10	256QAM	25	0	18.13	18.19	18.14		
10	256QAM	25	12	18.13	18.12	18.14	19	2.2
10	256QAM	25	25	18.09	18.07	18.13		
10	256QAM	50	0	18.05	18.10	18.13		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.99	20.19	19.90		
5	QPSK	1	12	19.92	19.95	20.03	21.2	0
5	QPSK	1	24	20.13	20.02	20.14		
5	QPSK	12	0	19.97	20.08	19.98		
5	QPSK	12	7	20.07	20.07	19.98	21.2	0
5	QPSK	12	13	20.12	20.02	19.95		
5	QPSK	25	0	20.01	20.13	20.04		
5	16QAM	1	0	20.03	20.12	20.03		
5	16QAM	1	12	20.00	20.07	20.01	21.2	0
5	16QAM	1	24	20.06	20.05	20.10		
5	16QAM	12	0	20.00	20.13	20.05		
5	16QAM	12	7	20.02	20.13	20.00	21.2	0
5	16QAM	12	13	19.91	19.97	20.03		
5	16QAM	25	0	20.03	19.99	20.06		
5	64QAM	1	0	20.08	19.93	19.93		
5	64QAM	1	12	20.12	20.07	20.01	21.2	0
5	64QAM	1	24	19.92	20.02	20.04		
5	64QAM	12	0	19.99	20.11	20.01		
5	64QAM	12	7	19.99	20.10	19.95	21	0.2
5	64QAM	12	13	20.08	20.03	19.97		
5	64QAM	25	0	20.06	19.92	20.03		
5	256QAM	1	0	18.07	18.10	18.08		
5	256QAM	1	12	18.09	18.03	18.20	19	2.2
5	256QAM	1	24	18.05	18.11	18.24		
5	256QAM	12	0	18.11	18.20	18.16		
5	256QAM	12	7	18.11	18.17	18.15	19	2.2
5	256QAM	12	13	18.05	18.10	18.01		
5	256QAM	25	0	18.07	18.04	18.17		
Channel				26040	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.02	20.11	20.02		
3	QPSK	1	8	20.03	20.02	20.01	21.2	0
3	QPSK	1	14	20.15	20.16	20.09		
3	QPSK	8	0	20.05	20.09	20.02		
3	QPSK	8	4	20.06	20.08	19.93	21.2	0
3	QPSK	8	7	20.03	20.04	20.02		
3	QPSK	15	0	20.05	20.06	20.06		
3	16QAM	1	0	19.99	20.02	20.11		
3	16QAM	1	8	20.03	20.02	20.10	21.2	0
3	16QAM	1	14	19.97	20.03	20.04		
3	16QAM	8	0	20.01	20.00	20.06		
3	16QAM	8	4	20.05	20.08	20.07	21.2	0
3	16QAM	8	7	19.93	20.07	20.08		
3	16QAM	15	0	20.08	20.03	20.05		
3	64QAM	1	0	20.01	19.93	19.96		
3	64QAM	1	8	20.07	20.08	20.04	21.2	0
3	64QAM	1	14	20.06	20.07	19.95		
3	64QAM	8	0	20.11	20.11	20.05		
3	64QAM	8	4	20.06	20.09	20.01	21	0.2
3	64QAM	8	7	20.05	20.04	19.94		
3	64QAM	15	0	19.98	19.92	20.02		
3	256QAM	1	0	18.21	18.13	18.13		
3	256QAM	1	8	18.08	18.14	18.16	19	2.2
3	256QAM	1	14	18.10	18.16	18.17		
3	256QAM	8	0	18.22	18.11	18.01		
3	256QAM	8	4	18.26	18.08	18.16	19	2.2
3	256QAM	8	7	18.13	18.12	18.12		
3	256QAM	15	0	18.18	18.10	18.15		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.05	20.06	19.96		
1.4	QPSK	1	3	19.91	19.90	20.08		
1.4	QPSK	1	5	20.06	20.14	20.11	21.2	0
1.4	QPSK	3	0	20.08	20.07	19.92		
1.4	QPSK	3	1	20.06	20.05	19.93		
1.4	QPSK	3	3	20.02	19.94	19.92		
1.4	QPSK	6	0	20.04	20.06	20.00	21.2	0
1.4	16QAM	1	0	20.00	20.00	20.19		
1.4	16QAM	1	3	19.94	20.14	20.06		
1.4	16QAM	1	5	20.03	20.10	19.97	21.2	0
1.4	16QAM	3	0	20.02	20.10	20.06		
1.4	16QAM	3	1	20.04	20.09	20.08		
1.4	16QAM	3	3	20.02	19.97	20.04		
1.4	16QAM	6	0	20.01	19.95	20.06	21.2	0
1.4	64QAM	1	0	20.01	19.91	19.92		
1.4	64QAM	1	3	20.03	20.07	20.07		
1.4	64QAM	1	5	20.03	19.96	19.88	21.2	0
1.4	64QAM	3	0	20.04	20.07	19.99		
1.4	64QAM	3	1	20.05	20.10	19.93		
1.4	64QAM	3	3	20.13	20.10	20.00		
1.4	64QAM	6	0	19.98	19.91	19.95	21	0.2
1.4	256QAM	1	0	18.09	18.05	18.00		
1.4	256QAM	1	3	18.10	18.17	18.15		
1.4	256QAM	1	5	18.15	18.14	18.19	19	2.2
1.4	256QAM	3	0	18.23	18.22	18.00		
1.4	256QAM	3	1	18.23	18.07	18.23		
1.4	256QAM	3	3	18.13	18.05	18.03		
1.4	256QAM	6	0	18.16	18.02	18.12	19	2.2

Band 26 for FCC Ant4

BW [MHz]	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	22.40	22.61	22.53		
15	QPSK	1	37	22.32	22.55	22.54	24	0
15	QPSK	1	74	22.38	22.60	22.40		
15	QPSK	36	0	21.49	21.59	21.47		
15	QPSK	36	20	21.46	21.52	21.49	23	1
15	QPSK	36	39	21.45	21.55	21.42		
15	QPSK	75	0	21.49	21.58	21.41		
15	16QAM	1	0	21.38	21.63	21.52		
15	16QAM	1	37	21.22	21.52	21.62	23	1
15	16QAM	1	74	21.31	21.64	21.41		
15	16QAM	36	0	20.35	20.72	20.49		
15	16QAM	36	20	20.36	20.49	20.60	22	2
15	16QAM	36	39	20.27	20.70	20.31		
15	16QAM	75	0	20.51	20.52	20.63		
15	64QAM	1	0	20.39	20.46	20.49		
15	64QAM	1	37	20.44	20.56	20.54	22	2
15	64QAM	1	74	20.34	20.60	20.51		
15	64QAM	36	0	19.46	19.50	19.57		
15	64QAM	36	20	19.24	19.58	19.50	21	3
15	64QAM	36	39	19.47	19.65	19.47		
15	64QAM	75	0	19.40	19.58	19.63		
15	256QAM	1	0	17.44	17.67	17.58		
15	256QAM	1	37	17.26	17.54	17.66	19	5
15	256QAM	1	74	17.26	17.53	17.50		
15	256QAM	36	0	17.30	17.62	17.55		
15	256QAM	36	20	17.40	17.67	17.61	19	5
15	256QAM	36	39	17.33	17.53	17.56		
15	256QAM	75	0	17.46	17.62	17.37		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.39	22.52	22.35		
10	QPSK	1	25	22.18	22.53	22.43	24	0
10	QPSK	1	49	22.24	22.54	22.35		
10	QPSK	25	0	21.28	21.58	21.36		
10	QPSK	25	12	21.25	21.42	21.50	23	1
10	QPSK	25	25	21.40	21.39	21.44		
10	QPSK	50	0	21.38	21.38	21.37		
10	16QAM	1	0	21.38	21.48	21.32		
10	16QAM	1	25	21.18	21.52	21.63	23	1
10	16QAM	1	49	21.33	21.57	21.35		
10	16QAM	25	0	20.27	20.64	20.47		
10	16QAM	25	12	20.23	20.29	20.58	22	2
10	16QAM	25	25	20.22	20.51	20.26		
10	16QAM	50	0	20.46	20.51	20.46		
10	64QAM	1	0	20.20	20.58	20.50		
10	64QAM	1	25	20.32	20.54	20.40	22	2
10	64QAM	1	49	20.18	20.44	20.34		
10	64QAM	25	0	19.42	19.38	19.37		
10	64QAM	25	12	19.35	19.52	19.41	21	3
10	64QAM	25	25	19.39	19.66	19.31		
10	64QAM	50	0	19.41	19.56	19.43		
10	256QAM	1	0	17.30	17.53	17.42		
10	256QAM	1	25	17.19	17.45	17.55	19	5
10	256QAM	1	49	17.07	17.50	17.37		
10	256QAM	25	0	17.29	17.62	17.37		
10	256QAM	25	12	17.31	17.52	17.45	19	5
10	256QAM	25	25	17.13	17.48	17.49		
10	256QAM	50	0	17.47	17.53	17.21		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.23	22.51	22.32		
5	QPSK	1	12	22.17	22.39	22.55	24	0
5	QPSK	1	24	22.37	22.52	22.28		
5	QPSK	12	0	21.39	21.52	21.28		
5	QPSK	12	7	21.30	21.35	21.29	23	1
5	QPSK	12	13	21.42	21.47	21.32		
5	QPSK	25	0	21.39	21.52	21.38		
5	16QAM	1	0	21.40	21.49	21.34		
5	16QAM	1	12	21.13	21.46	21.53	23	1
5	16QAM	1	24	21.29	21.59	21.39		
5	16QAM	12	0	20.17	20.61	20.27		
5	16QAM	12	7	20.26	20.40	20.50	22	2
5	16QAM	12	13	20.22	20.62	20.31		
5	16QAM	25	0	20.32	20.47	20.53		
5	64QAM	1	0	20.19	20.57	20.42		
5	64QAM	1	12	20.40	20.56	20.36	22	2
5	64QAM	1	24	20.18	20.52	20.31		
5	64QAM	12	0	19.27	19.48	19.42		
5	64QAM	12	7	19.15	19.42	19.32	21	3
5	64QAM	12	13	19.26	19.45	19.27		
5	64QAM	25	0	19.40	19.50	19.58		
5	256QAM	1	0	17.27	17.46	17.50		
5	256QAM	1	12	17.20	17.54	17.44	19	5
5	256QAM	1	24	17.25	17.50	17.32		
5	256QAM	12	0	17.31	17.59	17.55		
5	256QAM	12	7	17.38	17.48	17.59	19	5
5	256QAM	12	13	17.22	17.40	17.57		
5	256QAM	25	0	17.48	17.54	17.36		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.32	22.44	22.53		
3	QPSK	1	8	22.32	22.49	22.39	24	0
3	QPSK	1	14	22.30	22.44	22.38		
3	QPSK	8	0	21.36	21.48	21.44		
3	QPSK	8	4	21.34	21.52	21.29	23	1
3	QPSK	8	7	21.43	21.41	21.37		
3	QPSK	15	0	21.28	21.55	21.37		
3	16QAM	1	0	21.35	21.46	21.43		
3	16QAM	1	8	21.16	21.43	21.60	23	1
3	16QAM	1	14	21.19	21.44	21.37		
3	16QAM	8	0	20.27	20.61	20.39		
3	16QAM	8	4	20.34	20.27	20.49	22	2
3	16QAM	8	7	20.28	20.67	20.20		
3	16QAM	15	0	20.40	20.42	20.56		
3	64QAM	1	0	20.19	20.63	20.46		
3	64QAM	1	8	20.34	20.52	20.51	22	2
3	64QAM	1	14	20.32	20.54	20.47		
3	64QAM	8	0	19.46	19.43	19.43		
3	64QAM	8	4	19.04	19.40	19.34	21	3
3	64QAM	8	7	19.48	19.44	19.28		
3	64QAM	15	0	19.26	19.46	19.59		
3	256QAM	1	0	17.31	17.47	17.52		
3	256QAM	1	8	17.15	17.38	17.58	19	5
3	256QAM	1	14	17.17	17.47	17.33		
3	256QAM	8	0	17.18	17.49	17.40		
3	256QAM	8	4	17.34	17.68	17.42	19	5
3	256QAM	8	7	17.29	17.32	17.35		
3	256QAM	15	0	17.26	17.63	17.29		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.31	22.46	22.41		
1.4	QPSK	1	3	22.15	22.36	22.41		
1.4	QPSK	1	5	22.28	22.45	22.30	24	0
1.4	QPSK	3	0	22.26	22.40	22.27		
1.4	QPSK	3	1	22.01	22.19	22.36		
1.4	QPSK	3	3	22.11	22.31	22.12		
1.4	QPSK	6	0	21.37	21.38	21.33	23	1
1.4	16QAM	1	0	21.38	21.52	21.53		
1.4	16QAM	1	3	21.04	21.45	21.48		
1.4	16QAM	1	5	21.14	21.50	21.34	23	1
1.4	16QAM	3	0	22.10	22.32	22.27		
1.4	16QAM	3	1	21.91	22.12	22.25		
1.4	16QAM	3	3	22.10	22.31	21.95		
1.4	16QAM	6	0	20.52	20.49	20.49	22	2
1.4	64QAM	1	0	20.39	20.66	20.46		
1.4	64QAM	1	3	20.40	20.46	20.41		
1.4	64QAM	1	5	20.20	20.41	20.46	22	2
1.4	64QAM	3	0	20.20	20.45	20.44		
1.4	64QAM	3	1	20.39	20.36	20.28		
1.4	64QAM	3	3	20.08	20.36	20.38		
1.4	64QAM	6	0	19.30	19.39	19.56	21	3
1.4	256QAM	1	0	17.39	17.46	17.58		
1.4	256QAM	1	3	17.17	17.46	17.45		
1.4	256QAM	1	5	17.17	17.37	17.45	19	5
1.4	256QAM	3	0	17.16	17.44	17.34		
1.4	256QAM	3	1	17.23	17.48	17.61		
1.4	256QAM	3	3	17.15	17.40	17.36		
1.4	256QAM	6	0	17.39	17.61	17.16	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	20.59	20.67	20.58		
20	QPSK	1	49	20.53	20.58	20.51	22.2	0
20	QPSK	1	99	20.51	20.57	20.58		
20	QPSK	50	0	20.54	20.62	20.60		
20	QPSK	50	24	20.60	20.60	20.53	22.2	0
20	QPSK	50	50	20.55	20.56	20.53		
20	QPSK	100	0	20.50	20.58	20.50		
20	16QAM	1	0	20.49	20.64	20.63		
20	16QAM	1	49	20.63	20.59	20.54	22.2	0
20	16QAM	1	99	20.54	20.55	20.62		
20	16QAM	50	0	20.65	20.56	20.61		
20	16QAM	50	24	20.54	20.58	20.58	22	0.2
20	16QAM	50	50	20.59	20.64	20.60		
20	16QAM	100	0	20.63	20.65	20.65		
20	64QAM	1	0	20.52	20.58	20.50		
20	64QAM	1	49	20.56	20.57	20.63	22	0.2
20	64QAM	1	99	20.64	20.65	20.62		
20	64QAM	50	0	20.11	20.24	20.24		
20	64QAM	50	24	20.09	20.21	20.25	21	1.2
20	64QAM	50	50	20.21	20.23	20.21		
20	64QAM	100	0	20.17	20.11	20.09		
20	256QAM	1	0	18.17	18.19	18.16		
20	256QAM	1	49	18.21	18.16	18.19	19	3.2
20	256QAM	1	99	18.17	18.16	18.10		
20	256QAM	50	0	18.24	18.20	18.11		
20	256QAM	50	24	18.20	18.10	18.25	19	3.2
20	256QAM	50	50	18.14	18.18	18.15		
20	256QAM	100	0	18.24	18.23	18.19		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.56	20.56	20.43		
15	QPSK	1	37	20.36	20.42	20.38	22.2	0
15	QPSK	1	74	20.44	20.35	20.50		
15	QPSK	36	0	20.42	20.52	20.51		
15	QPSK	36	20	20.45	20.54	20.48	22.2	0
15	QPSK	36	39	20.52	20.43	20.39		
15	QPSK	75	0	20.40	20.53	20.34		
15	16QAM	1	0	20.39	20.57	20.60		
15	16QAM	1	37	20.52	20.44	20.46	22.2	0
15	16QAM	1	74	20.40	20.45	20.60		
15	16QAM	36	0	20.49	20.51	20.43

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BW [MHz]	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	21.74	21.77	21.74	22.9	0
20	QPSK	1	49	21.60	21.75	21.67		
20	QPSK	1	99	21.60	21.61	21.76		
20	QPSK	50	0	21.71	21.75	21.67	22.9	0
20	QPSK	50	24	21.66	21.72	21.65		
20	QPSK	50	50	21.73	21.70	21.64		
20	QPSK	100	0	21.66	21.71	21.70		
20	16QAM	1	0	21.70	21.74	21.69	22.9	0
20	16QAM	1	49	21.64	21.70	21.65		
20	16QAM	1	99	21.69	21.68	21.64		
20	16QAM	50	0	20.83	20.74	20.71	22	0.9
20	16QAM	50	24	20.80	20.74	20.76		
20	16QAM	50	50	20.76	20.77	20.71		
20	16QAM	100	0	20.72	20.76	20.72		
20	64QAM	1	0	20.78	20.78	20.79	22	0.9
20	64QAM	1	49	20.83	20.79	20.76		
20	64QAM	1	99	20.83	20.70	20.79		
20	64QAM	50	0	19.70	19.80	19.74	21	1.9
20	64QAM	50	24	19.78	19.72	19.72		
20	64QAM	50	50	19.78	19.75	19.78		
20	64QAM	100	0	19.79	19.72	19.84		
20	256QAM	1	0	17.70	17.89	18.02	19	3.9
20	256QAM	1	49	17.66	17.83	17.71		
20	256QAM	1	99	17.62	17.75	17.77		
20	256QAM	50	0	17.88	17.96	17.79	19	3.9
20	256QAM	50	24	17.88	17.88	17.90		
20	256QAM	50	50	17.73	17.71	17.73		
20	256QAM	100	0	17.78	17.80	17.87		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.61	21.68	21.68	22.9	0
15	QPSK	1	37	21.51	21.62	21.63		
15	QPSK	1	74	21.50	21.48	21.64		
15	QPSK	36	0	21.58	21.61	21.64	22.9	0
15	QPSK	36	20	21.57	21.60	21.55		
15	QPSK	36	39	21.61	21.54	21.59		
15	QPSK	75	0	21.49	21.55	21.67		
15	16QAM	1	0	21.53	21.68	21.62	22.9	0
15	16QAM	1	37	21.50	21.66	21.49		
15	16QAM	1	74	21.56	21.55	21.56		
15	16QAM	36	0	20.68	20.65	20.64	22	0.9
15	16QAM	36	20	20.68	20.63	20.65		
15	16QAM	36	39	20.71	20.64	20.57		
15	16QAM	75	0	20.62	20.73	20.70		
15	64QAM	1	0	20.71	20.68	20.76	22	0.9
15	64QAM	1	37	20.76	20.70	20.65		
15	64QAM	1	74	20.73	20.57	20.69		
15	64QAM	36	0	19.61	19.68	19.64	21	1.9
15	64QAM	36	20	19.68	19.70	19.66		
15	64QAM	36	39	19.74	19.63	19.70		
15	64QAM	75	0	19.74	19.66	19.75		
15	256QAM	1	0	17.62	17.76	17.86	19	3.9
15	256QAM	1	37	17.49	17.65	17.62		
15	256QAM	1	74	17.50	17.60	17.64		
15	256QAM	36	0	17.79	17.81	17.77	19	3.9
15	256QAM	36	20	17.82	17.79	17.88		
15	256QAM	36	39	17.55	17.54	17.73		
15	256QAM	75	0	17.57	17.79	17.80		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.61	21.72	21.57	22.9	0
10	QPSK	1	25	21.42	21.67	21.62		
10	QPSK	1	49	21.57	21.53	21.71		
10	QPSK	25	0	21.65	21.73	21.54	22.9	0
10	QPSK	25	12	21.60	21.57	21.53		
10	QPSK	25	25	21.68	21.53	21.55		
10	QPSK	50	0	21.64	21.56	21.64		
10	16QAM	1	0	21.54	21.57	21.63	22.9	0
10	16QAM	1	25	21.62	21.56	21.57		
10	16QAM	1	49	21.56	21.56	21.60		
10	16QAM	25	0	20.72	20.66	20.58	22	0.9
10	16QAM	25	12	20.75	20.63	20.64		
10	16QAM	25	25	20.61	20.66	20.56		
10	16QAM	50	0	20.64	20.63	20.60		
10	64QAM	1	0	20.74	20.64	20.65	22	0.9
10	64QAM	1	25	20.67	20.67	20.68		
10	64QAM	1	49	20.68	20.54	20.76		
10	64QAM	25	0	19.68	19.68	19.65	21	1.9
10	64QAM	25	12	19.73	19.54	19.68		
10	64QAM	25	25	19.73	19.64	19.75		
10	64QAM	50	0	19.71	19.70	19.76		
10	256QAM	1	0	17.51	17.74	17.86	19	3.9
10	256QAM	1	25	17.44	17.62	17.50		
10	256QAM	1	49	17.53	17.57	17.72		
10	256QAM	25	0	17.81	17.79	17.69	19	3.9
10	256QAM	25	12	17.80	17.89	17.70		
10	256QAM	25	25	17.55	17.50	17.55		
10	256QAM	50	0	17.62	17.65	17.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.62	21.60	21.68	22.9	0
5	QPSK	1	12	21.44	21.59	21.63		
5	QPSK	1	24	21.57	21.51	21.66		
5	QPSK	12	0	21.67	21.60	21.65	22.9	0
5	QPSK	12	7	21.60	21.62	21.56		
5	QPSK	12	13	21.57	21.53	21.57		
5	QPSK	25	0	21.55	21.59	21.60		
5	16QAM	1	0	21.59	21.63	21.66	22.9	0
5	16QAM	1	12	21.48	21.66	21.57		
5	16QAM	1	24	21.55	21.60	21.51		
5	16QAM	12	0	20.78	20.67	20.59	22	0.9
5	16QAM	12	7	20.66	20.56	20.63		
5	16QAM	12	13	20.74	20.69	20.57		
5	16QAM	25	0	20.65	20.59	20.68		
5	64QAM	1	0	20.69	20.62	20.68	22	0.9
5	64QAM	1	12	20.71	20.64	20.60		
5	64QAM	1	24	20.69	20.54	20.76		
5	64QAM	12	0	19.53	19.78	19.63	21	1.9
5	64QAM	12	7	19.61	19.63	19.66		
5	64QAM	12	13	19.60	19.58	19.71		
5	64QAM	25	0	19.68	19.60	19.77		
5	256QAM	1	0	17.51	17.89	17.97	19	3.9
5	256QAM	1	12	17.63	17.76	17.55		
5	256QAM	1	24	17.49	17.58	17.64		
5	256QAM	12	0	17.71	17.88	17.76	19	3.9
5	256QAM	12	7	17.71	17.67	17.81		
5	256QAM	12	13	17.51	17.61	17.70		
5	256QAM	25	0	17.74	17.66	17.71		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.64	21.67	21.78	21.70	21.64	22.9	0
20	QPSK	1	49	21.64	21.67	21.66	21.68	21.64		
20	QPSK	1	99	21.74	21.71	21.71	21.74	21.72		
20	QPSK	50	0	21.72	21.62	21.76	21.68	21.65	22.9	0
20	QPSK	50	24	21.74	21.62	21.70	21.62	21.69		
20	QPSK	50	50	21.61	21.64	21.74	21.66	21.67		
20	QPSK	100	0	21.71	21.74	21.75	21.62	21.73		
20	16QAM	1	0	21.67	21.69	21.75	21.76	21.76	22.9	0
20	16QAM	1	49	21.66	21.64	21.66	21.63	21.61		
20	16QAM	1	99	21.66	21.75	21.71	21.66	21.71		
20	16QAM	50	0	20.81	20.76	20.77	20.84	20.71	22	0.9
20	16QAM	50	24	20.74	20.77	20.75	20.79	20.74		
20	16QAM	50	50	20.83	20.71	20.71	20.80	20.81		
20	16QAM	100	0	20.72	20.78	20.83	20.71	20.73		
20	64QAM	1	0	20.85	20.78	20.72	20.80	20.82	22	0.9
20	64QAM	1	49	20.78	20.77	20.75	20.83	20.85		
20	64QAM	1	99	20.75	20.79	20.77	20.76	20.80		
20	64QAM	50	0	19.78	19.84	19.77	19.83	19.70	21	1.9
20	64QAM	50	24	19.77	19.72	19.75	19.74	19.82		
20	64QAM	50	50	19.76	19.85	19.71	19.80	19.84		
20	64QAM	100	0	19.77	19.82	19.85	19.83	19.76		
20	256QAM	1	0	17.88	17.68	17.75	17.70	17.59	19	3.9
20	256QAM	1	49	17.86	17.61	17.85	17.70	17.51		
20	256QAM	1	99	17.63	17.67	17.81	17.61	17.50		
20	256QAM	50	0	17.82	17.75	17.88	17.79	17.67	19	3.9
20	256QAM	50	24	17.96	17.58	17.75	17.74	17.56		
20	256QAM	50	50	17.77	17.76	17.68	17.61	17.61		
20	256QAM	100	0	17.69	17.78	17.76	17.63	17.54		
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	21.49	21.50	21.60	21.66	21.50	23	0
15	QPSK	1	37	21.48	21.61	21.58	21.58	21.54		
15	QPSK	1	74	21.59	21.53	21.53	21.66	21.60		
15	QPSK	36	0	21.70	21.49	21.65	21.63	21.54	22.9	0
15	QPSK	36	20	21.56	21.57	21.64	21.52	21.59		
15	QPSK	36	39	21.50	21.57	21.69	21.61	21.64		
15	QPSK	75	0	21.57	21.57	21.66	21.48	21.68		
15	16QAM	1	0	21.61	21.53	21.66	21.58	21.68	22.9	0
15	16QAM	1	37	21.59	21.52	21.59	21.50	21.48		
15	16QAM	1	74	21.53	21.71	21.55	21.54	21.56		
15	16QAM	36	0	20.75	20.66	20.67	20.78	20.54	22	0.9
15	16QAM	36	20	20.65	20.75	20.73	20.69	20.68		
15	16QAM	36	39	20.68	20.57	20.56	20.76	20.75		
15	16QAM	75	0	20.70	20.63	20.81	20.62	20.58		
15	64QAM	1	0	20.74	20.65	20.62	20.65	20.71	22	0.9
15	64QAM	1	37	20.73	20.66	20.68	20.80	20.71		
15	64QAM	1	74	20.72	20.68	20.67	20.72	20.74		
15	64QAM	36	0	19.66	19.77	19.72	19.68	19.65	21	1.9
15	64QAM	36	20	19.61	19.57	19.65	19.70	19.78		
15	64QAM	36	39	19.69	19.73	19.59	19.78	19.66		
15	64QAM	75	0	19.64	19.80	19.70	19.74	19.73		
15	256QAM	1	0	17.82	17.57	17.75	17.60	17.46	19	3.9
15	256QAM	1	37	17.74	17.52	17.85	17.59	17.53		
15	256QAM	1	74	17.57	17.62	17.79	17.52	17.51		
15	256QAM	36	0	17.68	17.65	17.73	17.79	17.67	19	3.9
15	256QAM	36	20	17.95	17.60	17.77	17.71	17.48		
15	256QAM	36	39	17.68	17.79	17.55	17.63	17.50		
15	256QAM	75	0	17.65	17.74	17.65	17.63	17.47		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.60	21.61	21.66	21.65	21.57	23	0
10	QPSK	1	25	21.48	21.49	21.48	21.53	21.51		
10	QPSK	1	49	21.61	21.63	21.54	21.67	21.69		
10	QPSK	25	0	21.60	21.45	21.64	21.61	21.61	22.9	0
10	QPSK	25	12	21.69	21.58	21.60	21.49	21.63		
10	QPSK	25	25	21.49	21.56	21.65	21.61	21.63		
10	QPSK	50	0	21.54	21.70	21.58	21.53	21.59		
10	16QAM	1	0	21.50	21.64	21.62	21.58	21.70	22.9	0
10	16QAM	1	25	21.58	21.52	21.56	21.54	21.57		
10	16QAM	1	49	21.53	21.61	21.64	21.64	21.60		
10	16QAM	25	0	20.72	20.70	20.62	20.67	20.65	22	0.9
10	16QAM	25	12	20.65	20.65	20.67	20.73	20.56		
10	16QAM	25	25	20.79	20.59	20.62	20.75	20.75		
10	16QAM	50	0	20.68	20.75	20.76	20.65	20.70		
10	64QAM	1	0	20.72	20.73	20.56	20.76	20.66	22	0.9
10	64QAM	1	25	20.72	20.64	20.67	20.70	20.74		
10	64QAM	1	49	20.68	20.67	20.68	20.68	20.68		
10	64QAM	25	0	19.73	19.81	19.73	19.81	19.57	21	1.9
10	64QAM	25	12	19.64	19.55	19.66	19.70	19.74		
10	64QAM	25	25	19.62	19.69	19.56	19.73	19.67		
10	64QAM	50	0	19.71	19.64	19.75	19.81	19.71		
10	256QAM	1	0	17.79	17.66	17.78	17.72	17.57	19	3.9
10	256QAM	1	25	17.78	17.47	17.84	17.68	17.54		
10	256QAM	1	49	17.64	17.68	17.68	17.52	17.55		
10	256QAM	25	0	17.71	17.76	17.82	17.66	17.63	19	3.9
10	256QAM	25	12	17.95	17.50	17.71	17.61	17.59		
10	256QAM	25	25	17.74	17.81	17.68	17.51	17.55		
10	256QAM	50	0	17.69	17.77	17.78	17.65	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	21.60	21.59	21.67	21.58	21.62	23	0
5	QPSK	1	12	21.56	21.61	21.52	21.59	21.50		
5	QPSK	1	24	21.68	21.65	21.53	21.63	21.61		
5	QPSK	12	0	21.65	21.55	21.62	21.51	21.54	22.9	0
5	QPSK	12	7	21.72	21.49	21.54	21.45	21.66		
5	QPSK	12	13	21.45	21.53	21.57	21.56	21.63		
5	QPSK	25	0	21.68	21.63	21.61	21.60	21.64		
5	16QAM	1	0	21.54	21.53	21.71	21.59	21.66	22.9	0
5	16QAM	1	12	21.64	21.53	21.62	21.59	21.56		
5	16QAM	1	24	21.48	21.71	21.66	21.64	21.61		
5	16QAM	12	0	20.78	20.74	20.71	20.79	20.56	22	0.9
5	16QAM	12	7	20.58	20.60	20.72	20.71	20.66		
5	16QAM	12	13	20.72	20.61	20.65	20.65	20.67		
5	16QAM	25	0	20.63	20.69	20.80	20.67	20.65		
5	64QAM	1	0	20.78	20.65	20.68	20.67	20.66	22	0.9
5	64QAM	1	12	20.66	20.65	20.71	20.77	20.71		
5	64QAM	1	24	20.72	20.64	20.61	20.64	20.67		
5	64QAM	12	0	19.74	19.69	19.64	19.78	19.56	21	1.9
5	64QAM	12	7	19.60	19.61	19.70	19.68	19.72		
5	64QAM	12	13	19.66	19.69	19.54	19.78	19.81		
5	64QAM	25	0	19.73	19.76	19.77	19.68	19.66		
5	256QAM	1	0	17.86	17.63	17.71	17.68	17.51	19	3.9
5	256QAM	1	12	17.71	17.60	17.89	17.65	17.47		
5	256QAM	1	24	17.57	17.60	17.82	17.58	17.45		
5	256QAM	12	0	17.77	17.77	17.76	17.70	17.67	19	3.9
5	256QAM	12	7	17.84	17.52	17.64	17.75	17.47		
5	256QAM	12	13	17.76	17.62	17.58	17.57	17.59		
5	256QAM	25	0	17.67	17.74	17.79	17.49	17.58		

Band 42 FCC Part27Q Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.77	20.93	20.80	21.4	0
20	QPSK	1	49	20.79	20.83	20.89		
20	QPSK	1	99	20.81	20.78	20.77		
20	QPSK	50	0	20.86	20.90	20.78	21.4	0
20	QPSK	50	24	20.78	20.80	20.77		
20	QPSK	50	50	20.81	20.89	20.76		
20	QPSK	100	0	20.76	20.82	20.81		
20	16QAM	1	0	20.80	20.79	20.91	21.4	0
20	16QAM	1	49	20.75	20.84	20.91		
20	16QAM	1	99	20.82	20.84	20.81		
20	16QAM	50	0	20.84	20.78	20.90	21.4	0
20	16QAM	50	24	20.78	20.82	20.83		
20	16QAM	50	50	20.84	20.90	20.77		
20	16QAM	100	0	20.88	20.76	20.77		
20	64QAM	1	0	20.79	20.89	20.88	21.4	0
20	64QAM	1	49	20.89	20.77	20.86		
20	64QAM	1	99	20.79	20.84	20.88		
20	64QAM	50	0	20.50	20.36	20.43	21	0.4
20	64QAM	50	24	20.35	20.45	20.49		
20	64QAM	50	50	20.40	20.50	20.39		
20	64QAM	100	0	20.49	20.47	20.38		
20	256QAM	1	0	18.49	18.48	18.41	19	2.4
20	256QAM	1	49	18.42	18.46	18.47		
20	256QAM	1	99	18.40	18.40	18.40		
20	256QAM	50	0	18.39	18.44	18.50	19	2.4
20	256QAM	50	24	18.36	18.44	18.48		
20	256QAM	50	50	18.40	18.47	18.40		
20	256QAM	100	0	18.36	18.36	18.45		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.74	20.81	20.66	21.4	0
15	QPSK	1	37	20.77	20.80	20.73		
15	QPSK	1	74	20.74	20.60	20.62		
15	QPSK	36	0	20.73	20.67	20.69	21.4	0
15	QPSK	36	20	20.75	20.82	20.68		
15	QPSK	36	39	20.77	20.75	20.61		
15	QPSK	75	0	20.70	20.73	20.66		
15	16QAM	1	0	20.77	20.65	20.84	21.4	0
15	16QAM	1	37	20.70	20.66	20.76		
15	16QAM	1	74	20.72	20.79	20.75		
15	16QAM	36	0	20.81	20.66	20.73	21.4	0
15	16QAM	36	20	20.73	20.68	20.77		
15	16QAM	36	39	20.74	20.76	20.65		
15	16QAM	75	0	20.85	20.67	20.74		
15	64QAM	1	0	20.62	20.76	20.71	21.4	0
15	64QAM	1	37	20.74	20.72	20.73		
15	64QAM	1	74	20.73	20.68	20.76		
15	64QAM	36	0	20.32	20.32	20.37	21	0.4
15	64QAM	36	20	20.18	20.37	20.37		
15	64QAM	36	39	20.33	20.39	20.25		
15	64QAM	75	0	20.34	20.43	20.30		
15	256QAM	1	0	18.32	18.38	18.39	19	2.4
15	256QAM	1	37	18.29	18.40	18.44		
15	256QAM	1	74	18.27	18.26	18.37		
15	256QAM	36	0	18.36	18.33	18.41	19	2.4
15	256QAM	36	20	18.25	18.40	18.44		
15	256QAM	36	39	18.37	18.38	18.24		
15	256QAM	75	0	18.33	18.33	18.41		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.72	20.71	20.78	21.4	0
10	QPSK	1	25	20.73	20.73	20.84		
10	QPSK	1	49	20.71	20.65	20.60		
10	QPSK	25	0	20.73	20.67	20.71	21.4	0
10	QPSK	25	12	20.69	20.83	20.73		
10	QPSK	25	25	20.73	20.75	20.58		
10	QPSK	50	0	20.69	20.73	20.68		
10	16QAM	1	0	20.69	20.76	20.84	21.4	0
10	16QAM	1	25	20.62	20.73	20.84		
10	16QAM	1	49	20.75	20.76	20.77		
10	16QAM	25	0	20.70	20.60	20.80	21.4	0
10	16QAM	25	12	20.72	20.66	20.72		
10	16QAM	25	25	20.68	20.74	20.60		
10	16QAM	50	0	20.71	20.67	20.62		
10	64QAM	1	0	20.70	20.86	20.73	21.4	0
10	64QAM	1	25	20.87	20.73	20.75		
10	64QAM	1	49	20.74	20.78	20.78		
10	64QAM	25	0	20.43	20.24	20.31	21	0.4
10	64QAM	25	12	20.25	20.43	20.36		
10	64QAM	25	25	20.36	20.32	20.33		
10	64QAM	50	0	20.36	20.30	20.32		
10	256QAM	1	0	18.31	18.34	18.33	19	2.4
10	256QAM	1	25	18.38	18.35	18.35		
10	256QAM	1	49	18.36	18.33	18.24		
10	256QAM	25	0	18.23	18.33	18.38	19	2.4
10	256QAM	25	12	18.32	18.32	18.33		
10	256QAM	25	25	18.24	18.32	18.33		
10	256QAM	50	0	18.28	18.21	18.38		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.60	20.74	20.75	21.4	0
5	QPSK	1	12	20.67	20.77	20.78		
5	QPSK	1	24	20.67	20.74	20.71		
5	QPSK	12	0	20.77	20.70	20.70	21.4	0
5	QPSK	12	7	20.74	20.77	20.74		
5	QPSK	12	13	20.67	20.76	20.68		
5	QPSK	25	0	20.65	20.68	20.67		
5	16QAM	1	0	20.63	20.75	20.73	21.4	0
5	16QAM	1	12	20.69	20.80	20.74		
5	16QAM	1	24	20.78	20.67	20.74		
5	16QAM	12	0	20.75	20.64	20.80	21.4	0
5	16QAM	12	7	20.66	20.79	20.68		
5	16QAM	12	13	20.67	20.83	20.74		
5	16QAM	25	0	20.81	20.68	20.64		
5	64QAM	1	0	20.75	20.80	20.73	21.4	0
5	64QAM	1	12	20.85	20.62	20.70		
5	64QAM	1	24	20.68	20.76	20.70		
5	64QAM	12	0	20.38	20.26	20.28	21	0.4
5	64QAM	12	7	20.30	20.34	20.32		
5	64QAM	12	13	20.27	20.32	20.28		
5	64QAM	25	0	20.37	20.38	20.31		
5	256QAM	1	0	18.39	18.33	18.32	19	2.4
5	256QAM	1	12	18.26	18.36	18.30		
5	256QAM	1	24	18.25	18.22	18.24		
5	256QAM	12	0	18.30	18.37	18.40	19	2.4
5	256QAM	12	7	18.28	18.33	18.42		
5	256QAM	12	13	18.25	18.36	18.25		
5	256QAM	25	0	18.25	18.26	18.28		

Reduced Power Mode for ECI 7

GSM850 Ant0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.62	31.52	31.48	33.00	22.62	22.52	22.48	24.00
GPRS 1 Tx slot	31.74	31.63	31.60	33.00	22.74	22.63	22.60	24.00
GPRS 2 Tx slots	30.23	30.08	30.05	31.00	24.23	24.08	24.05	25.00
GPRS 3 Tx slots	28.77	28.61	28.62	29.50	24.51	24.35	24.36	25.24
GPRS 4 Tx slots	27.25	27.16	27.15	28.50	24.25	24.16	24.15	25.50
EDGE 1 Tx slot	26.18	26.20	26.16	27.00	17.18	17.20	17.16	18.00
EDGE 2 Tx slots	24.41	24.65	24.63	25.50	18.41	18.65	18.63	19.50
EDGE 3 Tx slots	22.61	22.78	22.73	24.00	18.35	18.52	18.47	19.74
EDGE 4 Tx slots	20.98	21.02	21.03	22.00	17.98	18.02	18.03	19.00

Band		WCDMA V Ant0			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	22.29	22.46	22.46	23.40
3GPP Rel 99	RMC 12.2Kbps	22.53	22.58	22.49	23.40
3GPP Rel 6	HSDPA Subtest-1	21.44	21.64	21.68	21.90
3GPP Rel 6	HSDPA Subtest-2	21.56	21.67	21.63	21.90
3GPP Rel 6	HSDPA Subtest-3	21.04	21.09	21.07	21.40
3GPP Rel 6	HSDPA Subtest-4	21.05	21.04	21.13	21.40
3GPP Rel 8	DC-HSDPA Subtest-1	21.40	21.49	21.64	21.90
3GPP Rel 8	DC-HSDPA Subtest-2	21.46	21.52	21.55	21.90
3GPP Rel 8	DC-HSDPA Subtest-3	20.88	21.15	20.98	21.40
3GPP Rel 8	DC-HSDPA Subtest-4	21.08	21.10	21.02	21.40
3GPP Rel 6	HSUPA Subtest-1	21.47	21.52	21.54	21.90
3GPP Rel 6	HSUPA Subtest-2	19.63	19.49	19.62	19.90
3GPP Rel 6	HSUPA Subtest-3	20.58	20.53	20.58	20.90
3GPP Rel 6	HSUPA Subtest-4	19.50	19.73	19.59	19.90
3GPP Rel 6	HSUPA Subtest-5	21.50	21.60	21.57	21.90
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.95	19.00	19.06	19.40

Band 5 Ant0

BW [MHz]	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	22.37	22.49	22.36	24	0
10	QPSK	1	25	22.41	22.34	22.31		
10	QPSK	1	49	22.23	22.36	22.31		
10	QPSK	25	0	21.49	21.51	21.38	23	1
10	QPSK	25	12	21.48	21.48	21.48		
10	QPSK	25	25	21.47	21.46	21.40		
10	QPSK	50	0	21.39	21.46	21.36		
10	16QAM	1	0	21.70	21.78	21.70	23	1
10	16QAM	1	25	21.77	21.85	21.77		
10	16QAM	1	49	21.67	21.71	21.91		
10	16QAM	25	0	20.28	20.50	20.48	22	2
10	16QAM	25	12	20.26	20.47	20.48		
10	16QAM	25	25	20.29	20.37	20.49		
10	16QAM	50	0	20.52	20.51	20.51		
10	64QAM	1	0	20.19	20.36	20.38	22	2
10	64QAM	1	25	20.39	20.61	20.25		
10	64QAM	1	49	20.24	20.42	20.62		
10	64QAM	25	0	19.37	19.44	19.49	21	3
10	64QAM	25	12	19.29	19.55	19.54		
10	64QAM	25	25	19.40	19.38	19.58		
10	64QAM	50	0	19.45	19.32	19.59		
10	256QAM	1	0	17.38	17.52	17.53	19	5
10	256QAM	1	25	17.36	17.43	17.26		
10	256QAM	1	49	17.29	17.46	17.54		
10	256QAM	25	0	17.40	17.44	17.28	19	5
10	256QAM	25	12	17.45	17.40	17.46		
10	256QAM	25	25	17.44	17.50	17.42		
10	256QAM	50	0	17.50	17.33	17.63		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.32	22.44	22.25	24	0
5	QPSK	1	12	22.29	22.32	22.27		
5	QPSK	1	24	22.15	22.30	22.16		
5	QPSK	12	0	21.35	21.47	21.22	23	1
5	QPSK	12	7	21.46	21.37	21.36		
5	QPSK	12	13	21.36	21.42	21.38		
5	QPSK	25	0	21.30	21.34	21.32		
5	16QAM	1	0	21.60	21.71	21.67	23	1
5	16QAM	1	12	21.75	21.82	21.63		
5	16QAM	1	24	21.52	21.67	21.78		
5	16QAM	12	0	20.22	20.48	20.33	22	2
5	16QAM	12	7	20.12	20.38	20.41		
5	16QAM	12	13	20.22	20.21	20.35		
5	16QAM	25	0	20.35	20.48	20.48		
5	64QAM	1	0	20.14	20.29	20.22	22	2
5	64QAM	1	12	20.25	20.49	20.18		
5	64QAM	1	24	20.21	20.30	20.54		
5	64QAM	12	0	19.19	19.27	19.36	21	3
5	64QAM	12	7	19.18	19.48	19.40		
5	64QAM	12	13	19.31	19.24	19.43		
5	64QAM	25	0	19.36	19.30	19.55		
5	256QAM	1	0	17.35	17.50	17.46	19	5
5	256QAM	1	12	17.29	17.34	17.10		
5	256QAM	1	24	17.16	17.42	17.37		
5	256QAM	12	0	17.26	17.30	17.19	19	5
5	256QAM	12	7	17.30	17.31	17.41		
5	256QAM	12	13	17.37	17.43	17.38		
5	256QAM	25	0	17.33	17.17	17.59		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.27	22.41	22.22	24	0
3	QPSK	1	8	22.36	22.27	22.27		
3	QPSK	1	14	22.14	22.25	22.26		
3	QPSK	8	0	21.44	21.33	21.29	23	1
3	QPSK	8	4	21.44	21.36	21.37		
3	QPSK	8	7	21.30	21.32	21.34		
3	QPSK	15	0	21.36	21.39	21.28		
3	16QAM	1	0	21.67	21.71	21.66	23	1
3	16QAM	1	8	21.74	21.82	21.70		
3	16QAM	1	14	21.55	21.62	21.77		
3	16QAM	8	0	20.11	20.41	20.42	22	2
3	16QAM	8	4	20.20	20.30	20.46		
3	16QAM	8	7	20.14	20.22	20.40		
3	16QAM	15	0	20.40	20.43	20.44		
3	64QAM	1	0	20.14	20.20	20.24	22	2
3	64QAM	1	8	20.26	20.53	20.08		
3	64QAM	1	14	20.11	20.39	20.48		
3	64QAM	8	0	19.29	19.34	19.35	21	3
3	64QAM	8	4	19.16	19.46	19.42		
3	64QAM	8	7	19.32	19.35	19.42		
3	64QAM	15	0	19.31	19.28	19.44		
3	256QAM	1	0	17.32	17.47	17.51	19	5
3	256QAM	1	8	17.18	17.40	17.12		
3	256QAM	1	14	17.14	17.32	17.39		
3	256QAM	8	0	17.30	17.38	17.18	19	5
3	256QAM	8	4	17.36	17.23	17.39		
3	256QAM	8	7	17.27	17.43	17.33		
3	256QAM	15	0	17.42	17.28	17.60		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.28	22.41	22.21	24	0
1.4	QPSK	1	3	22.36	22.31	22.18		
1.4	QPSK	1	5	22.11	22.24	22.15		
1.4	QPSK	3	0	22.10	22.29	22.09		
1.4	QPSK	3	1	22.30	22.17	22.05		
1.4	QPSK	3	3	22.06	22.16	22.02		
1.4	QPSK	6	0	21.35	21.41	21.34	23	1
1.4	16QAM	1	0	21.62	21.71	21.56	23	1
1.4	16QAM	1	3	21.74	21.78	21.64		
1.4	16QAM	1	5	21.58	21.57	21.76		
1.4	16QAM	3	0	21.47	21.68	21.48		
1.4	16QAM	3	1	21.68	21.62	21.47		
1.4	16QAM	3	3	21.50	21.47	21.70		
1.4	16QAM	6	0	20.39	20.46	20.40	22	2
1.4	64QAM	1	0	20.11	20.23	20.36	22	2
1.4	64QAM	1	3	20.22	20.48	20.12		
1.4	64QAM	1	5	20.20	20.37	20.58		
1.4	64QAM	3	0	20.06	20.17	20.27		
1.4	64QAM	3	1	20.09	20.41	20.09		
1.4	64QAM	3	3	20.05	20.33	20.49		
1.4	64QAM	6	0	19.43	19.30	19.42	21	3
1.4	256QAM	1	0	17.32	17.45	17.47	19	5
1.4	256QAM	1	3	17.33	17.35	17.19		
1.4	256QAM	1	5	17.12	17.40	17.42		
1.4	256QAM	3	0	17.30	17.41	17.10		
1.4	256QAM	3	1	17.35	17.31	17.43		
1.4	256QAM	3	3	17.39	17.32	17.34		
1.4	256QAM	6	0	17.33	17.21	17.54	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.55	22.61	22.50	24	0
10	QPSK	1	25	22.59	22.47	22.50		
10	QPSK	1	49	22.43	22.51	22.47		
10	QPSK	25	0	21.65	21.67	21.54	23	1
10	QPSK	25	12	21.57	21.61	21.64		
10	QPSK	25	25	21.64	21.62	21.54		
10	QPSK	50	0	21.58	21.60	21.43		
10	16QAM	1	0	21.91	21.93	21.99	23	1
10	16QAM	1	25	21.98	21.96	21.96		
10	16QAM	1	49	21.91	22.02	21.95		
10	16QAM	25	0	20.49	20.69	20.58	22	2
10	16QAM	25	12	20.52	20.70	20.52		
10	16QAM	25	25	20.59	20.54	20.78		
10	16QAM	50	0	20.67	20.54	20.61		
10	64QAM	1	0	20.45	20.62	20.54	22	2
10	64QAM	1	25	20.56	20.70	20.45		
10	64QAM	1	49	20.50	20.52	20.75		
10	64QAM	25	0	19.45	19.58	19.60	21	3
10	64QAM	25	12	19.44	19.65	19.71		
10	64QAM	25	25	19.64	19.46	19.76		
10	64QAM	50	0	19.61	19.51	19.77		
10	256QAM	1	0	17.54	17.61	17.74	19	5
10	256QAM	1	25	17.49	17.70	17.55		
10	256QAM	1	49	17.45	17.71	17.70		
10	256QAM	25	0	17.49	17.65	17.60	19	5
10	256QAM	25	12	17.62	17.60	17.70		
10	256QAM	25	25	17.69	17.61	17.66		
10	256QAM	50	0	17.65	17.60	17.82		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.44	22.56	22.47	24	0
5	QPSK	1	12	22.43	22.33	22.45		
5	QPSK	1	24	22.33	22.44	22.38		
5	QPSK	12	0	21.48	21.56	21.51	23	1
5	QPSK	12	7	21.48	21.51	21.59		
5	QPSK	12	13	21.55	21.55	21.48		
5	QPSK	25	0	21.48	21.55	21.41		
5	16QAM	1	0	21.77	21.82	21.93	23	1
5	16QAM	1	12	21.81	21.89	21.84		
5	16QAM	1	24	21.85	21.99	21.79		
5	16QAM	12	0	20.34	20.53	20.48	22	2
5	16QAM	12	7	20.43	20.58	20.38		
5	16QAM	12	13	20.53	20.48	20.75		
5	16QAM	25	0	20.51	20.36	20.48		
5	64QAM	1	0	20.34	20.58	20.42	22	2
5	64QAM	1	12	20.39	20.56	20.29		
5	64QAM	1	24	20.34	20.40	20.68		
5	64QAM	12	0	19.30	19.50	19.50	21	3
5	64QAM	12	7	19.28	19.57	19.62		
5	64QAM	12	13	19.48	19.30	19.59		
5	64QAM	25	0	19.55	19.36	19.62		
5	256QAM	1	0	17.42	17.55	17.67	19	5
5	256QAM	1	12	17.42	17.67	17.38		
5	256QAM	1	24	17.36	17.58	17.58		
5	256QAM	12	0	17.37	17.62	17.47	19	5
5	256QAM	12	7	17.59	17.54	17.55		
5	256QAM	12	13	17.55	17.53	17.49		
5	256QAM	25	0	17.52	17.52	17.69		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.46	22.48	22.45	24	0
3	QPSK	1	8	22.56	22.39	22.36		
3	QPSK	1	14	22.28	22.42	22.40		
3	QPSK	8	0	21.51	21.52	21.42	23	1
3	QPSK	8	4	21.41	21.49	21.52		
3	QPSK	8	7	21.50	21.45	21.46		
3	QPSK	15	0	21.42	21.50	21.29		
3	16QAM	1	0	21.87	21.76	21.93	23	1
3	16QAM	1	8	21.90	21.78	21.93		
3	16QAM	1	14	21.89	21.86	21.84		
3	16QAM	8	0	20.35	20.62	20.42	22	2
3	16QAM	8	4	20.45	20.56	20.37		
3	16QAM	8	7	20.51	20.39	20.75		
3	16QAM	15	0	20.63	20.51	20.51		
3	64QAM	1	0	20.28	20.52	20.38	22	2
3	64QAM	1	8	20.51	20.58	20.36		
3	64QAM	1	14	20.41	20.49	20.70		
3	64QAM	8	0	19.29	19.41	19.47	21	3
3	64QAM	8	4	19.30	19.51	19.54		
3	64QAM	8	7	19.58	19.42	19.62		
3	64QAM	15	0	19.50	19.45	19.63		
3	256QAM	1	0	17.46	17.59	17.63	19	5
3	256QAM	1	8	17.46	17.55	17.40		
3	256QAM	1	14	17.43	17.56	17.57		
3	256QAM	8	0	17.40	17.62	17.44	19	5
3	256QAM	8	4	17.59	17.52	17.66		
3	256QAM	8	7	17.63	17.52	17.56		
3	256QAM	15	0	17.62	17.45	17.73		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.48	22.47	22.37	24	0
1.4	QPSK	1	3	22.43	22.41	22.48		
1.4	QPSK	1	5	22.31	22.38	22.38		
1.4	QPSK	3	0	22.30	22.35	22.24		
1.4	QPSK	3	1	22.36	22.33	22.32		
1.4	QPSK	3	3	22.17	22.33	22.28		
1.4	QPSK	6	0	21.56	21.52	21.30	23	1
1.4	16QAM	1	0	21.75	21.86	21.96	23	1
1.4	16QAM	1	3	21.86	21.82	21.81		
1.4	16QAM	1	5	21.78	21.99	21.82		
1.4	16QAM	3	0	21.61	21.83	21.90		
1.4	16QAM	3	1	21.79	21.73	21.65		
1.4	16QAM	3	3	21.61	21.84	21.76		
1.4	16QAM	6	0	20.53	20.47	20.58	22	2
1.4	64QAM	1	0	20.39	20.56	20.38	22	2
1.4	64QAM	1	3	20.42	20.53	20.28		
1.4	64QAM	1	5	20.37	20.38	20.72		
1.4	64QAM	3	0	20.34	20.40	20.33		
1.4	64QAM	3	1	20.34	20.44	20.16		
1.4	64QAM	3	3	20.21	20.30	20.60		
1.4	64QAM	6	0	19.58	19.39	19.71	21	3
1.4	256QAM	1	0	17.51	17.57	17.67	19	5
1.4	256QAM	1	3	17.32	17.59	17.52		
1.4	256QAM	1	5	17.29	17.68	17.64		
1.4	256QAM	3	0	17.31	17.48	17.46		
1.4	256QAM	3	1	17.52	17.43	17.62		
1.4	256QAM	3	3	17.64	17.56	17.50		
1.4	256QAM	6	0	17.51	17.55	17.72	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				23180	23230			
Frequency (MHz)				779.5	782	784.5		
10	QPSK	1	0	22.69	22.86	22.66	24	0
10	QPSK	1	25	22.81	22.73	22.79		
10	QPSK	1	49	22.60	22.75	22.75		
10	QPSK	25	0	21.89	21.91	21.67	23	1
10	QPSK	25	12	21.73	21.78	21.84		
10	QPSK	25	25	21.77	21.77	21.63		
10	QPSK	50	0	21.78	21.83	21.72		
10	16QAM	1	0	22.05	22.04	22.14	23	1
10	16QAM	1	25	22.10	22.20	22.12		
10	16QAM	1	49	21.97	22.06	22.22		
10	16QAM	25	0	20.64	20.88	20.88	22	2
10	16QAM	25	12	20.67	20.89	20.74		
10	16QAM	25	25	20.70	20.72	20.88		
10	16QAM	50	0	20.87	20.76	20.88		
10	64QAM	1	0	20.68	20.72	20.84	22	2
10	64QAM	1	25	20.77	20.88	20.65		
10	64QAM	1	49	20.66	20.73	20.88		
10	64QAM	25	0	19.72	19.80	19.71	21	3
10	64QAM	25	12	19.71	19.90	19.84		
10	64QAM	25	25	19.83	19.67	19.93		
10	64QAM	50	0	19.81	19.80	19.80		
10	256QAM	1	0	17.65	17.79	17.94	19	5
10	256QAM	1	25	17.80	17.82	17.71		
10	256QAM	1	49	17.62	17.93	17.81		
10	256QAM	25	0	17.74	17.86	17.75	19	5
10	256QAM	25	12	17.79	17.76	17.82		
10	256QAM	25	25	17.86	17.71	17.86		
10	256QAM	50	0	17.83	17.63	17.96		
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.65	22.70	22.55	24	0
5	QPSK	1	12	22.70	22.64	22.70		
5	QPSK	1	24	22.46	22.58	22.69		
5	QPSK	12	0	21.76	21.83	21.62	23	1
5	QPSK	12	7	21.66	21.60	21.74		
5	QPSK	12	13	21.69	21.72	21.53		
5	QPSK	25	0	21.75	21.79	21.56		
5	16QAM	1	0	22.00	21.99	22.07	23	1
5	16QAM	1	12	22.04	22.08	22.03		
5	16QAM	1	24	21.94	21.96	22.09		
5	16QAM	12	0	20.52	20.72	20.82	22	2
5	16QAM	12	7	20.61	20.87	20.63		
5	16QAM	12	13	20.63	20.57	20.78		
5	16QAM	25	0	20.84	20.61	20.81		
5	64QAM	1	0	20.59	20.62	20.72	22	2
5	64QAM	1	12	20.66	20.83	20.59		
5	64QAM	1	24	20.48	20.62	20.77		
5	64QAM	12	0	19.58	19.67	19.53	21	3
5	64QAM	12	7	19.68	19.85	19.70		
5	64QAM	12	13	19.72	19.53	19.81		
5	64QAM	25	0	19.72	19.71	19.75		
5	256QAM	1	0	17.49	17.66	17.82	19	5
5	256QAM	1	12	17.77	17.71	17.84		
5	256QAM	1	24	17.58	17.77	17.66		
5	256QAM	12	0	17.65	17.75	17.68	19	5
5	256QAM	12	7	17.68	17.61	17.79		
5	256QAM	12	13	17.76	17.66	17.74		
5	256QAM	25	0	17.80	17.49	17.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.49	22.53	22.47		
10	QPSK	1	25	22.37	22.49	22.37	24	0
10	QPSK	1	49	22.51	22.41	22.48		
10	QPSK	25	0	21.53	21.60	21.53		
10	QPSK	25	12	21.51	21.51	21.44	23	1
10	QPSK	25	25	21.56	21.42	21.42		
10	QPSK	50	0	21.49	21.56	21.39		
10	16QAM	1	0	21.38	21.57	21.40		
10	16QAM	1	25	21.65	21.59	21.58	23	1
10	16QAM	1	49	21.49	21.57	21.52		
10	16QAM	25	0	20.55	20.67	20.55		
10	16QAM	25	12	20.55	20.66	20.37	22	2
10	16QAM	25	25	20.57	20.72	20.37		
10	16QAM	50	0	20.44	20.48	20.42		
10	64QAM	1	0	20.51	20.53	20.45		
10	64QAM	1	25	20.44	20.42	20.55	22	2
10	64QAM	1	49	20.52	20.46	20.33		
10	64QAM	25	0	19.42	19.57	19.46		
10	64QAM	25	12	19.47	19.48	19.60	21	3
10	64QAM	25	25	19.50	19.44	19.45		
10	64QAM	50	0	19.56	19.43	19.42		
10	256QAM	1	0	17.51	17.49	17.34		
10	256QAM	1	25	17.49	17.66	17.56	19	5
10	256QAM	1	49	17.41	17.46	17.35		
10	256QAM	25	0	17.43	17.39	17.56		
10	256QAM	25	12	17.54	17.46	17.40	19	5
10	256QAM	25	25	17.54	17.49	17.57		
10	256QAM	50	0	17.62	17.52	17.44		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.34	22.41	22.34		
5	QPSK	1	12	22.27	22.36	22.24	24	0
5	QPSK	1	24	22.44	22.30	22.43		
5	QPSK	12	0	21.44	21.55	21.36		
5	QPSK	12	7	21.38	21.40	21.41	23	1
5	QPSK	12	13	21.43	21.30	21.32		
5	QPSK	25	0	21.33	21.49	21.31		
5	16QAM	1	0	21.32	21.53	21.31		
5	16QAM	1	12	21.57	21.43	21.50	23	1
5	16QAM	1	24	21.40	21.43	21.43		
5	16QAM	12	0	20.53	20.64	20.44		
5	16QAM	12	7	20.42	20.52	20.29	22	2
5	16QAM	12	13	20.45	20.57	20.20		
5	16QAM	25	0	20.30	20.37	20.33		
5	64QAM	1	0	20.34	20.44	20.40		
5	64QAM	1	12	20.33	20.29	20.38	22	2
5	64QAM	1	24	20.41	20.39	20.16		
5	64QAM	12	0	19.31	19.53	19.39		
5	64QAM	12	7	19.43	19.42	19.51	21	3
5	64QAM	12	13	19.47	19.33	19.39		
5	64QAM	25	0	19.49	19.34	19.38		
5	256QAM	1	0	17.42	17.40	17.29		
5	256QAM	1	12	17.32	17.52	17.43	19	5
5	256QAM	1	24	17.34	17.41	17.17		
5	256QAM	12	0	17.26	17.28	17.39		
5	256QAM	12	7	17.42	17.35	17.27	19	5
5	256QAM	12	13	17.41	17.40	17.50		
5	256QAM	25	0	17.53	17.38	17.38		

Band 26 for FCC Ant0

BW [MHz]	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	22.62	22.65	22.59		
15	QPSK	1	37	22.47	22.64	22.48	24	0
15	QPSK	1	74	22.62	22.55	22.47		
15	QPSK	36	0	21.61	21.64	21.60		
15	QPSK	36	20	21.61	21.57	21.59	23	1
15	QPSK	36	39	21.61	21.60	21.53		
15	QPSK	75	0	21.66	21.73	21.40		
15	16QAM	1	0	21.56	21.61	21.52		
15	16QAM	1	37	21.65	21.73	21.59	23	1
15	16QAM	1	74	21.55	21.68	21.59		
15	16QAM	36	0	20.52	20.67	20.68		
15	16QAM	36	20	20.59	20.68	20.46	22	2
15	16QAM	36	39	20.54	20.82	20.41		
15	16QAM	75	0	20.50	20.63	20.52		
15	64QAM	1	0	20.60	20.69	20.55		
15	64QAM	1	37	20.59	20.53	20.61	22	2
15	64QAM	1	74	20.65	20.55	20.53		
15	64QAM	36	0	19.46	19.63	19.63		
15	64QAM	36	20	19.48	19.60	19.55	21	3
15	64QAM	36	39	19.66	19.61	19.58		
15	64QAM	75	0	19.63	19.57	19.60		
15	256QAM	1	0	17.67	17.70	17.46		
15	256QAM	1	37	17.53	17.77	17.64	19	5
15	256QAM	1	74	17.51	17.57	17.44		
15	256QAM	36	0	17.52	17.51	17.68		
15	256QAM	36	20	17.56	17.52	17.51	19	5
15	256QAM	36	39	17.59	17.70	17.69		
15	256QAM	75	0	17.61	17.58	17.56		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.56	22.47	22.43		
10	QPSK	1	25	22.35	22.56	22.33	24	0
10	QPSK	1	49	22.54	22.50	22.32		
10	QPSK	25	0	21.51	21.53	21.57		
10	QPSK	25	12	21.46	21.45	21.45	23	1
10	QPSK	25	25	21.56	21.42	21.44		
10	QPSK	50	0	21.48	21.68	21.27		
10	16QAM	1	0	21.53	21.58	21.42		
10	16QAM	1	25	21.52	21.65	21.54	23	1
10	16QAM	1	49	21.37	21.63	21.51		
10	16QAM	25	0	20.47	20.61	20.63		
10	16QAM	25	12	20.43	20.55	20.31	22	2
10	16QAM	25	25	20.45	20.77	20.34		
10	16QAM	50	0	20.47	20.47	20.43		
10	64QAM	1	0	20.48	20.61	20.43		
10	64QAM	1	25	20.45	20.47	20.59	22	2
10	64QAM	1	49	20.56	20.45	20.43		
10	64QAM	25	0	19.39	19.59	19.58		
10	64QAM	25	12	19.36	19.56	19.40	21	3
10	64QAM	25	25	19.63	19.43	19.47		
10	64QAM	50	0	19.59	19.53	19.52		
10	256QAM	1	0	17.53	17.56	17.38		
10	256QAM	1	25	17.44	17.61	17.54	19	5
10	256QAM	1	49	17.49	17.45	17.33		
10	256QAM	25	0	17.42	17.41	17.62		
10	256QAM	25	12	17.51	17.38	17.48	19	5
10	256QAM	25	25	17.48	17.65	17.59		
10	256QAM	50	0	17.53	17.40	17.51		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.54	22.47	22.52		
5	QPSK	1	12	22.39	22.56	22.33	24	0
5	QPSK	1	24	22.60	22.51	22.44		
5	QPSK	12	0	21.45	21.58	21.48		
5	QPSK	12	7	21.55	21.47	21.44	23	1
5	QPSK	12	13	21.54	21.44	21.45		
5	QPSK	25	0	21.56	21.61	21.37		
5	16QAM	1	0	21.52	21.52	21.41		
5	16QAM	1	12	21.62	21.60	21.44	23	1
5	16QAM	1	24	21.49	21.64	21.52		
5	16QAM	12	0	20.37	20.52	20.51		
5	16QAM	12	7	20.50	20.60	20.40	22	2
5	16QAM	12	13	20.49	20.80	20.35		
5	16QAM	25	0	20.37	20.54	20.36		
5	64QAM	1	0	20.55	20.57	20.43		
5	64QAM	1	12	20.51	20.36	20.49	22	2
5	64QAM	1	24	20.53	20.45	20.39		
5	64QAM	12	0	19.33	19.49	19.54		
5	64QAM	12	7	19.43	19.53	19.52	21	3
5	64QAM	12	13	19.57	19.58	19.45		
5	64QAM	25	0	19.49	19.54	19.52		
5	256QAM	1	0	17.51	17.53	17.43		
5	256QAM	1	12	17.42	17.70	17.60	19	5
5	256QAM	1	24	17.36	17.54	17.32		
5	256QAM	12	0	17.48	17.49	17.59		
5	256QAM	12	7	17.51	17.44	17.45	19	5
5	256QAM	12	13	17.51	17.63	17.56		
5	256QAM	25	0	17.52	17.42	17.54		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.51	22.61	22.55		
3	QPSK	1	8	22.42	22.56	22.40	24	0
3	QPSK	1	14	22.49	22.48	22.43		
3	QPSK	8	0	21.46	21.51	21.52		
3	QPSK	8	4	21.50	21.50	21.42	23	1
3	QPSK	8	7	21.49	21.57	21.37		
3	QPSK	15	0	21.57	21.62	21.27		
3	16QAM	1	0	21.50	21.58	21.40		
3	16QAM	1	8	21.58	21.65	21.53	23	1
3	16QAM	1	14	21.49	21.58	21.45		
3	16QAM	8	0	20.42	20.60	20.52		
3	16QAM	8	4	20.57	20.64	20.39	22	2
3	16QAM	8	7	20.43	20.73	20.33		
3	16QAM	15	0	20.40	20.46	20.39		
3	64QAM	1	0	20.50	20.52	20.39		
3	64QAM	1	8	20.48	20.38	20.57	22	2
3	64QAM	1	14	20.63	20.44	20.43		
3	64QAM	8	0	19.41	19.55	19.56		
3	64QAM	8	4	19.35	19.55	19.43	21	3
3	64QAM	8	7	19.48	19.54	19.52		
3	64QAM	15	0	19.49	19.44	19.51		
3	256QAM	1	0	17.52	17.52	17.33		
3	256QAM	1	8	17.38	17.64	17.54	19	5
3	256QAM	1	14	17.35	17.50	17.28		
3	256QAM	8	0	17.40	17.44	17.54		
3	256QAM	8	4	17.51	17.49	17.39	19	5
3	256QAM	8	7	17.50	17.66	17.51		
3	256QAM	15	0	17.45	17.43	17.53		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.59	22.52	22.56		
1.4	QPSK	1	3	22.39	22.55	22.36		
1.4	QPSK	1	5	22.57	22.46	22.34	24	0
1.4	QPSK	3	0	22.42	22.48	22.42		
1.4	QPSK	3	1	22.31	22.38	22.33		
1.4	QPSK	3	3	22.50	22.39	22.20		
1.4	QPSK	6	0	21.52	21.63	21.37	23	1
1.4	16QAM	1	0	21.45	21.49	21.43		
1.4	16QAM	1	3	21.57	21.67	21.46		
1.4	16QAM	1	5	21.48	21.58	21.43	23	1
1.4	16QAM	3	0	21.37	21.33	21.27		
1.4	16QAM	3	1	21.48	21.57	21.41		
1.4	16QAM	3	3	21.38	21.56	21.29		
1.4	16QAM	6	0	20.38	20.55	20.41	22	2
1.4	64QAM	1	0	20.50	20.59	20.40		
1.4	64QAM	1	3	20.56	20.35	20.57		
1.4	64QAM	1	5	20.47	20.39	20.37	22	2
1.4	64QAM	3	0	20.47	20.56	20.28		
1.4	64QAM	3	1	20.47	20.33	20.42		
1.4	64QAM	3	3	20.37	20.21	20.21		
1.4	64QAM	6	0	19.48	19.46	19.47	21	3
1.4	256QAM	1	0	17.55	17.58	17.30		
1.4	256QAM	1	3	17.36	17.74	17.62		
1.4	256QAM	1	5	17.49	17.53	17.29	19	5
1.4	256QAM	3	0	17.46	17.45	17.62		
1.4	256QAM	3	1	17.40	17.42	17.39		
1.4	256QAM	3	3	17.48	17.58	17.62		
1.4	256QAM	6	0	17.55	17.51	17.50	19	5

GSM1900 Ant1	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	28.42	28.52	28.43	29.50	19.42	19.52	19.43	20.50
GPRS 1 Tx slot	28.39	28.49	28.36	29.50	19.39	19.49	19.36	20.50
GPRS 2 Tx slots	26.86	26.92	26.84	28.00	20.86	20.92	20.84	22.00
GPRS 3 Tx slots	25.39	25.39	25.36	26.50	21.13	21.13	21.10	22.24
GPRS 4 Tx slots	23.89	23.90	23.83	25.00	20.89	20.90	20.83	22.00
EDGE 1 Tx slot	23.15	23.23	22.99	24.00	14.15	14.23	13.99	15.00
EDGE 2 Tx slots	21.43	21.48	21.24	22.50	15.43	15.48	15.24	16.50
EDGE 3 Tx slots	19.61	19.70	19.36	20.50	15.35	15.44	15.10	16.24
EDGE 4 Tx slots	17.69	17.93	17.65	18.50	14.69	14.93	14.65	15.50

Band		WCDMA II Ant1			Tune-up Limit (dBm)	WCDMA IV Ant1			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	19.92	19.90	19.93	21.00	17.88	17.91	17.89	19.00
3GPP Rel 99	RMC 12.2Kbps	19.98	20.08	20.01	21.00	17.89	18.02	17.91	19.00
3GPP Rel 6	HSDPA Subtest-1	19.01	19.13	19.05	20.00	17.05	16.97	17.02	18.00
3GPP Rel 6	HSDPA Subtest-2	19.05	19.06	19.14	20.00	17.08	16.96	16.96	18.00
3GPP Rel 6	HSDPA Subtest-3	18.62	18.60	18.53	19.50	16.59	16.59	16.46	17.50
3GPP Rel 6	HSDPA Subtest-4	18.64	18.63	18.53	19.50	16.51	16.56	16.49	17.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.06	19.02	19.10	20.00	17.03	17.04	17.00	18.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.01	19.06	19.06	20.00	17.00	16.97	16.99	18.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.56	18.65	18.51	19.50	16.59	16.60	16.49	17.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.56	18.52	18.51	19.50	16.51	16.56	16.49	17.50
3GPP Rel 6	HSUPA Subtest-1	19.04	19.00	19.01	20.00	16.96	17.01	17.00	18.00
3GPP Rel 6	HSUPA Subtest-2	17.04	17.15	17.06	18.00	14.97	14.97	14.95	16.00
3GPP Rel 6	HSUPA Subtest-3	18.12	18.07	18.09	19.00	15.93	15.99	15.88	17.00
3GPP Rel 6	HSUPA Subtest-4	17.00	17.04	17.09	18.00	14.81	15.03	14.91	16.00
3GPP Rel 6	HSUPA Subtest-5	19.01	19.04	19.12	20.00	17.05	16.98	16.95	18.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.62	16.61	16.59	17.50	14.34	14.59	14.35	15.50

Band 2 Ant1

BW [MHz]	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	19.56	19.70	19.64	20.7	0
20	QPSK	1	49	19.60	19.58	19.51		
20	QPSK	1	99	19.54	19.65	19.40		
20	QPSK	50	0	19.51	19.58	19.41		
20	QPSK	50	24	19.48	19.50	19.50		
20	QPSK	50	50	19.53	19.48	19.48		
20	QPSK	100	0	19.51	19.54	19.48		
20	16QAM	1	0	19.44	19.37	19.61		
20	16QAM	1	49	19.54	19.56	19.51	20.7	0
20	16QAM	1	99	19.52	19.52	19.40		
20	16QAM	50	0	19.48	19.46	19.61		
20	16QAM	50	24	19.50	19.62	19.52		
20	16QAM	50	50	19.49	19.54	19.46		
20	16QAM	100	0	19.43	19.53	19.52		
20	64QAM	1	0	19.44	19.49	19.43		
20	64QAM	1	49	19.56	19.51	19.50	20.7	0
20	64QAM	1	99	19.49	19.53	19.51		
20	64QAM	50	0	19.55	19.58	19.47		
20	64QAM	50	24	19.47	19.46	19.51	20.7	0
20	64QAM	50	50	19.41	19.61	19.48		
20	64QAM	100	0	19.54	19.64	19.62		
20	256QAM	1	0	17.89	17.94	17.95		
20	256QAM	1	49	17.86	17.84	17.82	19	1.7
20	256QAM	1	99	17.84	18.00	17.71		
20	256QAM	50	0	17.81	17.92	17.64		
20	256QAM	50	24	17.76	17.81	17.77	19	1.7
20	256QAM	50	50	17.87	17.79	17.76		
20	256QAM	100	0	17.86	17.84	17.75		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.62	19.67	19.59	20.7	0
15	QPSK	1	37	19.51	19.49	19.47		
15	QPSK	1	74	19.57	19.66	19.49		
15	QPSK	36	0	19.52	19.62	19.49		
15	QPSK	36	20	19.47	19.48	19.50		
15	QPSK	36	39	19.54	19.49	19.43		
15	QPSK	75	0	19.53	19.53	19.44		
15	16QAM	1	0	19.42	19.48	19.64		
15	16QAM	1	37	19.67	19.51	19.51	20.7	0
15	16QAM	1	74	19.60	19.43	19.54		
15	16QAM	36	0	19.46	19.45	19.55		
15	16QAM	36	20	19.60	19.62	19.44		
15	16QAM	36	39	19.47	19.46	19.44		
15	16QAM	75	0	19.43	19.52	19.54		
15	64QAM	1	0	19.47	19.59	19.42		
15	64QAM	1	37	19.56	19.54	19.36	20.7	0
15	64QAM	1	74	19.60	19.53	19.53		
15	64QAM	36	0	19.62	19.61	19.40		
15	64QAM	36	20	19.55	19.39	19.52	20.7	0
15	64QAM	36	39	19.42	19.63	19.44		
15	64QAM	75	0	19.57	19.57	19.62		
15	256QAM	1	0	17.81	18.00	17.86		
15	256QAM	1	37	17.83	17.90	17.79	19	1.7
15	256QAM	1	74	17.79	17.88	17.62		
15	256QAM	36	0	17.75	17.92	17.65		
15	256QAM	36	20	17.72	17.79	17.88	19	1.7
15	256QAM	36	39	17.86	17.84	17.75		
15	256QAM	75	0	17.83	17.80	17.81		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.61	19.63	19.58	20.7	0
10	QPSK	1	25	19.59	19.53	19.57		
10	QPSK	1	49	19.43	19.65	19.37		
10	QPSK	25	0	19.47	19.57	19.49		
10	QPSK	25	12	19.49	19.52	19.47	20.7	0
10	QPSK	25	25	19.60	19.45	19.56		
10	QPSK	50	0	19.52	19.51	19.49		
10	16QAM	1	0	19.46	19.41	19.61		
10	16QAM	1	25	19.61	19.46	19.48	20.7	0
10	16QAM	1	49	19.53	19.49	19.55		
10	16QAM	25	0	19.58	19.57	19.56		
10	16QAM	25	12	19.64	19.54	19.53	20.7	0
10	16QAM	25	25	19.53	19.49	19.43		
10	16QAM	50	0	19.46	19.39	19.62		
10	64QAM	1	0	19.49	19.55	19.54		
10	64QAM	1	25	19.54	19.48	19.42	20.7	0
10	64QAM	1	49	19.59	19.63	19.55		
10	64QAM	25	0	19.66	19.59	19.49		
10	64QAM	25	12	19.54	19.44	19.50	20.7	0
10	64QAM	25	25	19.46	19.59	19.53		
10	64QAM	50	0	19.55	19.62	19.63		
10	256QAM	1	0	17.78	18.03	17.94		
10	256QAM	1	25	17.92	17.89	17.87	19	1.7
10	256QAM	1	49	17.85	17.99	17.74		
10	256QAM	25	0	17.80	17.83	17.75		
10	256QAM	25	12	17.72	17.74	17.75	19	1.7
10	256QAM	25	25	17.77	17.74	17.82		
10	256QAM	50	0	17.75	17.81	17.73		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.60	19.58	19.62	20.7	0
5	QPSK	1	12	19.51	19.53	19.59		
5	QPSK	1	24	19.42	19.51	19.40		
5	QPSK	12	0	19.44	19.51	19.40	20.7	0
5	QPSK	12	7	19.54	19.58	19.55		
5	QPSK	12	13	19.53	19.45	19.43		
5	QPSK	25	0	19.61	19.62	19.57		
5	16QAM	1	0	19.43	19.46	19.64	20.7	0
5	16QAM	1	12	19.63	19.46	19.62		
5	16QAM	1	24	19.52	19.46	19.52		
5	16QAM	12	0	19.48	19.45	19.55	20.7	0
5	16QAM	12	7	19.61	19.55	19.46		
5	16QAM	12	13	19.44	19.53	19.43		
5	16QAM	25	0	19.43	19.44	19.58		
5	64QAM	1	0	19.49	19.56	19.54	20.7	0
5	64QAM	1	12	19.58	19.56	19.43		
5	64QAM	1	24	19.50	19.67	19.52		
5	64QAM	12	0	19.63	19.52	19.44	20.7	0
5	64QAM	12	7	19.52	19.47	19.49		
5	64QAM	12	13	19.48	19.54	19.56		
5	64QAM	25	0	19.54	19.62	19.60		
5	256QAM	1	0	17.85	18.03	17.99		
5	256QAM	1	12	17.98	17.91	17.84	19	1.7
5	256QAM	1	24	17.86	17.96	17.62		
5	256QAM	12	0	17.88	17.85	17.71		
5	256QAM	12	7	17.71	17.80	17.77	19	1.7
5	256QAM	12	13	17.89	17.74	17.84		
5	256QAM	25	0	17.88	17.81	17.72		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.48	19.69	19.57	20.7	0
3	QPSK	1	8	19.60	19.49	19.47		
3	QPSK	1	14	19.48	19.53	19.49		
3	QPSK	8	0	19.45	19.54	19.54		
3	QPSK	8	4	19.46	19.62	19.44	20.7	0
3	QPSK	8	7	19.53	19.58	19.56		
3	QPSK	15	0	19.49	19.61	19.46		
3	16QAM	1	0	19.51	19.45	19.65		
3	16QAM	1	8	19.65	19.46	19.55	20.7	0
3	16QAM	1	14	19.53	19.43	19.54		
3	16QAM	8	0	19.51	19.56	19.60	20.7	0
3	16QAM	8	4	19.56	19.52	19.54		
3	16QAM	8	7	19.45	19.50	19.41		
3	16QAM	15	0	19.53	19.49	19.52		
3	64QAM	1	0	19.50	19.59	19.46	20.7	0
3	64QAM	1	8	19.44	19.53	19.48		
3	64QAM	1	14	19.55	19.60	19.48		
3	64QAM	8	0	19.53	19.56	19.51	20.7	0
3	64QAM	8	4	19.48	19.51	19.51		
3	64QAM	8	7	19.37	19.53	19.45		
3	64QAM	15	0	19.54	19.64	19.57		
3	256QAM	1	0	17.84	17.93	18.00	19	1.7
3	256QAM	1	8	17.94	17.95	17.77		
3	256QAM	1	14	17.80	17.96	17.67		
3	256QAM	8	0	17.77	17.95	17.63	19	1.7
3	256QAM	8	4	17.72	17.85	17.83		
3	256QAM	8	7	17.88	17.83	17.84		
3	256QAM	15	0	17.86	17.87	17.83		
Channel				18697	18900	19103	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.47	19.58	19.62	20.7	0
1.4	QPSK	1	3	19.52	19.58	19.47		
1.4	QPSK	1	5	19.54	19.64	19.48		
1.4	QPSK	3	0	19.46	19.52	19.39		
1.4	QPSK	3	1	19.47	19.54	19.52		
1.4	QPSK	3	3	19.46	19.44	19.46		
1.4	QPSK	6	0	19.54	19.53	19.44	20.7	0
1.4	16QAM	1	0	19.43	19.49	19.58	20.7	0
1.4	16QAM	1	3	19.59	19.48	19.61		
1.4	16QAM	1	5	19.61	19.50	19.53		
1.4	16QAM	3	0	19.46	19.52	19.60		
1.4	16QAM	3	1	19.63	19.50	19.51		
1.4	16QAM	3	3	19.55	19.57	19.43		
1.4	16QAM	6	0	19.41	19.42	19.54	20.7	0
1.4	64QAM	1	0	19.38	19.51	19.49	20.7	0
1.4	64QAM	1	3	19.44	19.54	19.45		
1.4	64QAM	1	5	19.47	19.59	19.54		
1.4	64QAM	3	0	19.50	19.61	19.42		
1.4	64QAM	3	1	19.58	19.39	19.55		
1.4	64QAM	3	3	19.47	19.49	19.43		
1.4	64QAM	6	0	19.66	19.65	19.56	20.7	0
1.4	256QAM	1	0	17.91	18.00	17.87	19	1.7
1.4	256QAM	1	3	17.89	17.91	17.86		
1.4	256QAM	1	5	17.86	17.93	17.66		
1.4	256QAM	3	0	17.88	17.94	17.77		
1.4	256QAM	3	1	17.73	17.77	17.73		
1.4	256QAM	3	3	17.77	17.73	17.79		
1.4	256QAM	6	0	17.81	17.81	17.71	19	1.7

Band 4 Ant1

BW [MHz]	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	18.58	18.63	18.54	19.7	0
20	QPSK	1	49	18.56	18.62	18.58		
20	QPSK	1	99	18.55	18.55	18.58		
20	QPSK	50	0	18.54	18.61	18.60		
20	QPSK	50	24	18.57	18.52	18.55		
20	QPSK	50	50	18.47	18.53	18.49		
20	QPSK	100	0	18.58	18.60	18.55		
20	16QAM	1	0	18.58	18.56	18.58		
20	16QAM	1	49	18.54	18.61	18.48	19.7	0
20	16QAM	1	99	18.62	18.57	18.53		
20	16QAM	50	0	18.54	18.59	18.54		
20	16QAM	50	24	18.62	18.53	18.55	19.7	0
20	16QAM	50	50	18.52	18.60	18.50		
20	16QAM	100	0	18.48	18.57	18.60		
20	64QAM	1	0	18.52	18.54	18.60		
20	64QAM	1	49	18.50	18.47	18.52	19.7	0
20	64QAM	1	99	18.52	18.54	18.48		
20	64QAM	50	0	18.61	18.52	18.51		
20	64QAM	50	24	18.47	18.48	18.48	19.7	0
20	64QAM	50	50	18.48	18.56	18.53		
20	64QAM	100	0	18.59	18.61	18.57		
20	256QAM	1	0	18.54	18.62	18.50		
20	256QAM	1	49	18.62	18.62	18.55	19.1	0.6
20	256QAM	1	99	18.47	18.47	18.62		
20	256QAM	50	0	18.58	18.55	18.55		
20	256QAM	50	24	18.60	18.61	18.58	19.1	0.6
20	256QAM	50	50	18.56	18.62	18.51		
20	256QAM	100	0	18.53	18.58	18.56		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.50	18.58	18.40	19.7	0
15	QPSK	1	37	18.43	18.56	18.45		
15	QPSK	1	74	18.43	18.43	18.56		
15	QPSK	36	0	18.47	18.46	18.48		
15	QPSK	36	20	18.46	18.50	18.50		
15	QPSK	36	39	18.43	18.43	18.36		
15	QPSK	75	0	18.51	18.51	18.47		
15	16QAM	1	0	18.48	18.42	18.52		
15	16QAM	1	37	18.43	18.50	18.42	19.7	0
15	16QAM	1	74	18.59	18.55	18.49		
15	16QAM	36	0	18.42	18.44	18.45		
15	16QAM	36	20	18.59	18.41	18.50	19.7	0
15	16QAM	36	39	18.40	18.50	18.34		
15	16QAM	75	0	18.42	18.48	18.56		
15	64QAM	1	0	18.46	18.50	18.56		
15	64QAM	1	37	18.44	18.40	18.35	19.7	0
15	64QAM	1	74	18.40	18.43	18.42		
15	64QAM	36	0	18.57	18.48	18.36		
15	64QAM	36	20	18.44	18.35	18.45	19.7	0
15	64QAM	36	39	18.34	18.50	18.46		
15	64QAM	75	0	18.44	18.54	18.52		
15	256QAM	1	0	18.43	18.48	18.36		
15	256QAM	1	37	18.60	18.49	18.53	19.1	0.6
15	256QAM	1	74	18.44	18.31	18.44		
15	256QAM	36	0	18.46	18.38	18.40		
15	256QAM	36	20	18.57	18.44	18.44	19.1	0.6
15	256QAM	36	39	18.44	18.57	18.46		
15	256QAM	75	0	18.44	18.54	18.40		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.46	18.51	18.44	19.7	0
10	QPSK	1	25	18.42	18.46	18.42		
10	QPSK	1	49	18.49	18.46	18.55		
10	QPSK	25	0	18.51	18.37	18.53		
10	QPSK	25	12	18.50	18.45	18.48	19.7	0
10	QPSK	25	25	18.42	18.38	18.45		
10	QPSK	50	0	18.51	18.49	18.44		
10	16QAM	1	0	18.46	18.45	18.43		
10	16QAM	1	25	18.52	18.50	18.35	19.7	0
10	16QAM	1	49	18.57	18.44	18.39		
10	16QAM	25	0	18.48	18.57	18.50		
10	16QAM	25	12	18.49	18.49	18.52	19.7	0
10	16QAM	25	25	18.42	18.46	18.46		
10	16QAM	50	0	18.38	18.42	18.46		
10	64QAM	1	0	18.45	18.40	18.52		
10	64QAM	1	25	18.43	18.38	18.34	19.7	0
10	64QAM	1	49	18.38	18.37	18.43		
10	64QAM	25	0	18.46	18.43	18.46		
10	64QAM	25	12	18.37	18.33	18.33	19.7	0
10	64QAM	25	25	18.31	18.44	18.43		
10	64QAM	50	0	18.46	18.59	18.44		
10	256QAM	1	0	18.44	18.52	18.35		
10	256QAM	1	25	18.44	18.55	18.39	19.1	0.6
10	256QAM	1	49	18.38	18.39	18.55		
10	256QAM	25	0	18.42	18.50	18.47		
10	256QAM	25	12	18.57	18.43	18.46	19.1	0.6
10	256QAM	25	25	18.45	18.56	18.36		
10	256QAM	50	0	18.41	18.46	18.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.42	18.50	18.50	19.7	0
5	QPSK	1	12	18.40	18.55	18.41		
5	QPSK	1	24	18.39	18.50	18.44		
5	QPSK	12	0	18.39	18.47	18.45	19.7	0
5	QPSK	12	7	18.55	18.57	18.45		
5	QPSK	12	13	18.37	18.48	18.42		
5	QPSK	25	0	18.44	18.43	18.38		
5	16QAM	1	0	18.55	18.52	18.49	19.7	0
5	16QAM	1	12	18.37	18.56	18.33		
5	16QAM	1	24	18.57	18.48	18.51		
5	16QAM	12	0	18.37	18.51	18.41	19.7	0
5	16QAM	12	7	18.57	18.40	18.48		
5	16QAM	12	13	18.37	18.47	18.45		
5	16QAM	25	0	18.45	18.51	18.48		
5	64QAM	1	0	18.42	18.52	18.59	19.7	0
5	64QAM	1	12	18.46	18.34	18.37		
5	64QAM	1	24	18.43	18.51	18.30		
5	64QAM	12	0	18.55	18.49	18.43	19.7	0
5	64QAM	12	7	18.43	18.36	18.37		
5	64QAM	12	13	18.40	18.44	18.47		
5	64QAM	25	0	18.44	18.48	18.42		
5	256QAM	1	0	18.38	18.55	18.39	19.1	0.6
5	256QAM	1	12	18.46	18.46	18.40		
5	256QAM	1	24	18.44	18.30	18.53		
5	256QAM	12	0	18.47	18.39	18.48	19.1	0.6
5	256QAM	12	7	18.47	18.51	18.45		
5	256QAM	12	13	18.45	18.60	18.38		
5	256QAM	25	0	18.44	18.56	18.54		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.52	18.57	18.47	19.7	0
3	QPSK	1	8	18.42	18.49	18.45		
3	QPSK	1	14	18.51	18.51	18.46		
3	QPSK	8	0	18.44	18.41	18.50		
3	QPSK	8	4	18.49	18.57	18.44	19.7	0
3	QPSK	8	7	18.34	18.40	18.33		
3	QPSK	15	0	18.50	18.47	18.42		
3	16QAM	1	0	18.46	18.40	18.55		
3	16QAM	1	8	18.52	18.44	18.32	19.7	0
3	16QAM	1	14	18.54	18.40	18.43		
3	16QAM	8	0	18.51	18.48	18.51	19.7	0
3	16QAM	8	4	18.58	18.49	18.42		
3	16QAM	8	7	18.34	18.46	18.40		
3	16QAM	15	0	18.40	18.54	18.46		
3	64QAM	1	0	18.48	18.46	18.47	19.7	0
3	64QAM	1	8	18.42	18.37	18.39		
3	64QAM	1	14	18.35	18.45	18.33		
3	64QAM	8	0	18.58	18.38	18.39	19.7	0
3	64QAM	8	4	18.32	18.39	18.36		
3	64QAM	8	7	18.34	18.47	18.42		
3	64QAM	15	0	18.56	18.53	18.41		
3	256QAM	1	0	18.38	18.57	18.42	19.1	0.6
3	256QAM	1	8	18.45	18.49	18.37		
3	256QAM	1	14	18.42	18.35	18.50		
3	256QAM	8	0	18.45	18.43	18.42	19.1	0.6
3	256QAM	8	4	18.45	18.55	18.47		
3	256QAM	8	7	18.53	18.61	18.42		
3	256QAM	15	0	18.35	18.41	18.49		
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	18.61	18.36	19.7	0
1.4	QPSK	1	3	18.53	18.59	18.44		
1.4	QPSK	1	5	18.46	18.52	18.54		
1.4	QPSK	3	0	18.49	18.50	18.46		
1.4	QPSK	3	1	18.40	18.55	18.45		
1.4	QPSK	3	3	18.32	18.42	18.37		
1.4	QPSK	6	0	18.41	18.53	18.37	19.7	0
1.4	16QAM	1	0	18.40	18.44	18.47	19.7	0
1.4	16QAM	1	3	18.43	18.43	18.35		
1.4	16QAM	1	5	18.57	18.43	18.44		
1.4	16QAM	3	0	18.42	18.44	18.41		
1.4	16QAM	3	1	18.54	18.50	18.49		
1.4	16QAM	3	3	18.46	18.48	18.37		
1.4	16QAM	6	0	18.42	18.55	18.55	19.7	0
1.4	64QAM	1	0	18.45	18.50	18.54	19.7	0
1.4	64QAM	1	3	18.35	18.43	18.46		
1.4	64QAM	1	5	18.34	18.52	18.45		
1.4	64QAM	3	0	18.57	18.40	18.35		
1.4	64QAM	3	1	18.33	18.41	18.42		
1.4	64QAM	3	3	18.44	18.49	18.38		
1.4	64QAM	6	0	18.49	18.45	18.52	19.7	0
1.4	256QAM	1	0	18.38	18.45	18.40	19.1	0.6
1.4	256QAM	1	3	18.51	18.53	18.52		
1.4	256QAM	1	5	18.32	18.39	18.45		
1.4	256QAM	3	0	18.46	18.41	18.45		
1.4	256QAM	3	1	18.55	18.46	18.44		
1.4	256QAM	3	3	18.39	18.49	18.35		
1.4	256QAM	6	0	18.44	18.49	18.46	19.1	0.6

Band 7 Ant1

BW [MHz]	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	18.44	18.55	18.37	19.4	0
20	QPSK	1	49	18.37	18.23	18.46		
20	QPSK	1	99	18.38	18.40	18.27		
20	QPSK	50	0	18.27	18.50	18.32		
20	QPSK	50	24	18.43	18.31	18.34	19.4	0
20	QPSK	50	50	18.29	18.44	18.42		
20	QPSK	100	0	18.32	18.48	18.47		
20	16QAM	1	0	18.39	18.48	18.38		
20	16QAM	1	49	18.42	18.33	18.37	19.4	0
20	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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.65	19.72	19.67	20.7	0
20	QPSK	1	49	19.66	19.62	19.64		
20	QPSK	1	99	19.59	19.69	19.54		
20	QPSK	50	0	19.57	19.68	19.56		
20	QPSK	50	24	19.56	19.65	19.60		
20	QPSK	50	50	19.64	19.60	19.61		
20	QPSK	100	0	19.63	19.67	19.61		
20	16QAM	1	0	19.59	19.55	19.69	20.7	0
20	16QAM	1	49	19.70	19.62	19.65		
20	16QAM	1	99	19.67	19.55	19.58		
20	16QAM	50	0	19.62	19.63	19.67		
20	16QAM	50	24	19.67	19.67	19.57		
20	16QAM	50	50	19.60	19.64	19.56		
20	16QAM	100	0	19.58	19.56	19.68		
20	64QAM	1	0	19.55	19.67	19.59	20.7	0
20	64QAM	1	49	19.61	19.64	19.54		
20	64QAM	1	99	19.63	19.70	19.63		
20	64QAM	50	0	19.68	19.63	19.57		
20	64QAM	50	24	19.63	19.55	19.66		
20	64QAM	50	50	19.55	19.66	19.61		
20	64QAM	100	0	19.68	19.67	19.67		
20	256QAM	1	0	17.96	18.09	18.02	19	1.7
20	256QAM	1	49	17.96	17.96	17.88		
20	256QAM	1	99	17.85	18.03	17.83		
20	256QAM	50	0	17.94	18.05	17.80		
20	256QAM	50	24	17.94	17.94	17.95	19	1.7
20	256QAM	50	50	17.87	17.92	17.83		
20	256QAM	100	0	17.87	17.90	17.90		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.52	19.63	19.55	20.7	0
15	QPSK	1	37	19.48	19.57	19.56		
15	QPSK	1	74	19.51	19.57	19.44		
15	QPSK	36	0	19.54	19.59	19.51		
15	QPSK	36	20	19.42	19.54	19.53		
15	QPSK	36	39	19.60	19.47	19.54		
15	QPSK	75	0	19.47	19.56	19.55		
15	16QAM	1	0	19.56	19.40	19.59	20.7	0
15	16QAM	1	37	19.65	19.60	19.60		
15	16QAM	1	74	19.52	19.43	19.44		
15	16QAM	36	0	19.59	19.49	19.60		
15	16QAM	36	20	19.54	19.55	19.49	20.7	0
15	16QAM	36	39	19.47	19.49	19.39		
15	16QAM	75	0	19.45	19.48	19.58		
15	64QAM	1	0	19.43	19.58	19.52		
15	64QAM	1	37	19.51	19.49	19.43	20.7	0
15	64QAM	1	74	19.51	19.57	19.52		
15	64QAM	36	0	19.59	19.47	19.41		
15	64QAM	36	20	19.59	19.45	19.52	20.7	0
15	64QAM	36	39	19.42	19.59	19.49		
15	64QAM	75	0	19.53	19.52	19.57		
15	256QAM	1	0	17.96	18.09	17.99	19	1.7
15	256QAM	1	37	17.98	17.97	17.93		
15	256QAM	1	74	17.83	18.04	17.78		
15	256QAM	36	0	17.94	17.91	17.84		
15	256QAM	36	20	17.88	17.88	17.85	19	1.7
15	256QAM	36	39	17.96	17.87	17.96		
15	256QAM	75	0	17.93	18.05	17.86		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.59	19.55	19.51	20.7	0
10	QPSK	1	25	19.51	19.47	19.60		
10	QPSK	1	49	19.45	19.64	19.46		
10	QPSK	25	0	19.40	19.55	19.45		
10	QPSK	25	12	19.48	19.55	19.46	20.7	0
10	QPSK	25	25	19.48	19.46	19.56		
10	QPSK	50	0	19.46	19.52	19.56		
10	16QAM	1	0	19.54	19.50	19.61	20.7	0
10	16QAM	1	25	19.53	19.57	19.58		
10	16QAM	1	49	19.55	19.41	19.47		
10	16QAM	25	0	19.59	19.48	19.63	20.7	0
10	16QAM	25	12	19.57	19.65	19.40		
10	16QAM	25	25	19.55	19.59	19.48		
10	16QAM	50	0	19.44	19.53	19.52		
10	64QAM	1	0	19.50	19.51	19.42	20.7	0
10	64QAM	1	25	19.49	19.59	19.43		
10	64QAM	1	49	19.48	19.58	19.59		
10	64QAM	25	0	19.55	19.54	19.52		
10	64QAM	25	12	19.57	19.42	19.56	20.7	0
10	64QAM	25	25	19.53	19.52	19.47		
10	64QAM	50	0	19.64	19.52	19.56		
10	256QAM	1	0	17.95	18.04	17.93	19	1.7
10	256QAM	1	25	18.01	17.94	17.88		
10	256QAM	1	49	17.84	17.98	17.84		
10	256QAM	25	0	17.81	17.91	17.87	19	1.7
10	256QAM	25	12	17.90	17.98	17.96		
10	256QAM	25	25	17.90	17.84	17.84		
10	256QAM	50	0	17.91	17.96	17.96		
Channel				26065	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.63	19.54	19.51	20.7	0
5	QPSK	1	12	19.57	19.44	19.54		
5	QPSK	1	24	19.47	19.56	19.48		
5	QPSK	12	0	19.53	19.60	19.43	20.7	0
5	QPSK	12	7	19.38	19.51	19.55		
5	QPSK	12	13	19.52	19.58	19.55		
5	QPSK	25	0	19.46	19.56	19.54		
5	16QAM	1	0	19.52	19.38	19.61	20.7	0
5	16QAM	1	12	19.58	19.50	19.52		
5	16QAM	1	24	19.61	19.44	19.49		
5	16QAM	12	0	19.52	19.46	19.54	20.7	0
5	16QAM	12	7	19.57	19.64	19.40		
5	16QAM	12	13	19.47	19.51	19.41		
5	16QAM	25	0	19.45	19.48	19.54		
5	64QAM	1	0	19.50	19.59	19.56	20.7	0
5	64QAM	1	12	19.50	19.61	19.41		
5	64QAM	1	24	19.60	19.55	19.48		
5	64QAM	12	0	19.54	19.55	19.46	20.7	0
5	64QAM	12	7	19.61	19.40	19.51		
5	64QAM	12	13	19.40	19.58	19.52		
5	64QAM	25	0	19.66	19.63	19.58		
5	256QAM	1	0	17.94	18.04	17.90	19	1.7
5	256QAM	1	12	17.89	17.94	17.89		
5	256QAM	1	24	17.88	18.00	17.88		
5	256QAM	12	0	17.88	18.02	17.87	19	1.7
5	256QAM	12	7	17.82	17.97	17.87		
5	256QAM	12	13	17.93	17.90	17.86		
5	256QAM	25	0	17.90	18.05	17.98		
Channel				26015	26340	26815	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.61	19.68	19.49	20.7	0
3	QPSK	1	8	19.58	19.53	19.51		
3	QPSK	1	14	19.42	19.63	19.39		
3	QPSK	8	0	19.45	19.61	19.51	20.7	0
3	QPSK	8	4	19.41	19.53	19.48		
3	QPSK	8	7	19.49	19.52	19.50		
3	QPSK	15	0	19.59	19.56	19.46		
3	16QAM	1	0	19.46	19.47	19.66	20.7	0
3	16QAM	1	8	19.55	19.51	19.56		
3	16QAM	1	14	19.60	19.39	19.44		
3	16QAM	8	0	19.59	19.45	19.52	20.7	0
3	16QAM	8	4	19.61	19.64	19.47		
3	16QAM	8	7	19.43	19.56	19.50		
3	16QAM	15	0	19.53	19.47	19.51		
3	64QAM	1	0	19.46	19.61	19.45	20.7	0
3	64QAM	1	8	19.47	19.60	19.36		
3	64QAM	1	14	19.59	19.59	19.49		
3	64QAM	8	0	19.53	19.53	19.44	20.7	0
3	64QAM	8	4	19.49	19.41	19.62		
3	64QAM	8	7	19.45	19.53	19.45		
3	64QAM	15	0	19.50	19.61	19.51		
3	256QAM	1	0	17.87	18.09	17.95	19	1.7
3	256QAM	1	8	17.96	17.93	17.91		
3	256QAM	1	14	17.84	18.00	17.84		
3	256QAM	8	0	17.89	18.01	17.88	19	1.7
3	256QAM	8	4	17.89	18.00	17.82		
3	256QAM	8	7	17.99	17.94	17.85		
3	256QAM	15	0	18.00	17.99	17.91		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.56	19.55	19.64	20.7	0
1.4	QPSK	1	3	19.60	19.58	19.51		
1.4	QPSK	1	5	19.54	19.65	19.40		
1.4	QPSK	3	0	19.51	19.53	19.41		
1.4	QPSK	3	1	19.48	19.50	19.54		
1.4	QPSK	3	3	19.53	19.48	19.48		
1.4	QPSK	6	0	19.51	19.58	19.54	20.7	0
1.4	16QAM	1	0	19.44	19.37	19.61	20.7	0
1.4	16QAM	1	3	19.54	19.56	19.51		
1.4	16QAM	1	5	19.52	19.52	19.40		
1.4	16QAM	3	0	19.48	19.46	19.61		
1.4	16QAM	3	1	19.50	19.62	19.52		
1.4	16QAM	3	3	19.49	19.54	19.46		
1.4	16QAM	6	0	19.43	19.53	19.52	20.7	0
1.4	64QAM	1	0	19.44	19.49	19.43	20.7	0
1.4	64QAM	1	3	19.56	19.51	19.50		
1.4	64QAM	1	5	19.49	19.53	19.51		
1.4	64QAM	3	0	19.55	19.58	19.47		
1.4	64QAM	3	1	19.47	19.48	19.51		
1.4	64QAM	3	3	19.41	19.61	19.48		
1.4	64QAM	6	0	19.54	19.64	19.62	20.7	0
1.4	256QAM	1	0	17.91	18.00	17.90	19	1.7
1.4	256QAM	1	3	17.89	17.95	17.94		
1.4	256QAM	1	5	17.92	17.99	17.91		
1.4	256QAM	3	0	17.87	17.91	17.87		
1.4	256QAM	3	1	17.89	17.88	17.85		
1.4	256QAM	3	3	17.97	17.97	17.89		
1.4	256QAM	6	0	17.87	18.03	17.86	19	1.7

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BW [MHz]	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	18.54	18.65	18.56	19.7	0
20	QPSK	1	49	18.58	18.52	18.53		
20	QPSK	1	99	18.53	18.59	18.48		
20	QPSK	50	0	18.49	18.61	18.55		
20	QPSK	50	24	18.58	18.50	18.50		
20	QPSK	50	50	18.59	18.57	18.53		
20	QPSK	100	0	18.58	18.60	18.48		
20	16QAM	1	0	18.57	18.50	18.51	19.7	0
20	16QAM	1	49	18.62	18.48	18.54		
20	16QAM	1	99	18.54	18.61	18.58		
20	16QAM	50	0	18.62	18.53	18.49		
20	16QAM	50	24	18.55	18.48	18.48		
20	16QAM	50	50	18.57	18.56	18.54		
20	16QAM	100	0	18.56	18.55	18.56		
20	64QAM	1	0	18.59	18.58	18.62	19.7	0
20	64QAM	1	49	18.59	18.52	18.49		
20	64QAM	1	99	18.52	18.55	18.48		
20	64QAM	50	0	18.58	18.50	18.60		
20	64QAM	50	24	18.57	18.56	18.59		
20	64QAM	50	50	18.57	18.49	18.60		
20	64QAM	100	0	18.57	18.62	18.52		
20	256QAM	1	0	18.63	18.48	18.52	19.1	0.6
20	256QAM	1	49	18.49	18.61	18.62		
20	256QAM	1	99	18.56	18.62	18.49		
20	256QAM	50	0	18.56	18.47	18.58		
20	256QAM	50	24	18.60	18.60	18.54	19.1	0.6
20	256QAM	50	50	18.49	18.59	18.52		
20	256QAM	100	0	18.48	18.60	18.58		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.46	18.54	18.41	19.7	0
15	QPSK	1	37	18.48	18.49	18.43		
15	QPSK	1	74	18.48	18.49	18.37		
15	QPSK	36	0	18.45	18.50	18.38		
15	QPSK	36	20	18.44	18.39	18.40		
15	QPSK	36	39	18.51	18.44	18.45		
15	QPSK	75	0	18.56	18.46	18.42		
15	16QAM	1	0	18.47	18.33	18.43	19.7	0
15	16QAM	1	37	18.52	18.37	18.49		
15	16QAM	1	74	18.50	18.44	18.48		
15	16QAM	36	0	18.54	18.42	18.40		
15	16QAM	36	20	18.47	18.38	18.34	19.7	0
15	16QAM	36	39	18.43	18.50	18.41		
15	16QAM	75	0	18.43	18.41	18.48		
15	64QAM	1	0	18.47	18.53	18.44	19.7	0
15	64QAM	1	37	18.54	18.36	18.41		
15	64QAM	1	74	18.34	18.45	18.45		
15	64QAM	36	0	18.47	18.42	18.47	19.7	0
15	64QAM	36	20	18.45	18.53	18.42		
15	64QAM	36	39	18.42	18.41	18.48		
15	64QAM	75	0	18.47	18.49	18.50		
15	256QAM	1	0	18.56	18.33	18.41	19.1	0.6
15	256QAM	1	37	18.42	18.47	18.60		
15	256QAM	1	74	18.54	18.49	18.39		
15	256QAM	36	0	18.47	18.44	18.43	19.1	0.6
15	256QAM	36	20	18.47	18.44	18.43		
15	256QAM	36	39	18.32	18.43	18.43		
15	256QAM	75	0	18.38	18.44	18.48		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.46	18.60	18.41	19.7	0
10	QPSK	1	25	18.42	18.46	18.38		
10	QPSK	1	49	18.46	18.47	18.39		
10	QPSK	25	0	18.34	18.59	18.44		
10	QPSK	25	12	18.41	18.43	18.35	19.7	0
10	QPSK	25	25	18.42	18.42	18.42		
10	QPSK	50	0	18.54	18.50	18.38		
10	16QAM	1	0	18.39	18.47	18.44	19.7	0
10	16QAM	1	25	18.55	18.33	18.41		
10	16QAM	1	49	18.51	18.44	18.54		
10	16QAM	25	0	18.46	18.41	18.41	19.7	0
10	16QAM	25	12	18.50	18.32	18.31		
10	16QAM	25	25	18.43	18.42	18.40		
10	16QAM	50	0	18.42	18.45	18.44		
10	64QAM	1	0	18.43	18.45	18.60	19.7	0
10	64QAM	1	25	18.57	18.41	18.37		
10	64QAM	1	49	18.49	18.42	18.34		
10	64QAM	25	0	18.46	18.46	18.44	19.7	0
10	64QAM	25	12	18.48	18.39	18.47		
10	64QAM	25	25	18.41	18.32	18.46		
10	64QAM	50	0	18.41	18.57	18.45		
10	256QAM	1	0	18.47	18.36	18.34	19.1	0.6
10	256QAM	1	25	18.40	18.56	18.45		
10	256QAM	1	49	18.53	18.57	18.41		
10	256QAM	25	0	18.40	18.34	18.53	19.1	0.6
10	256QAM	25	12	18.40	18.48	18.51		
10	256QAM	25	25	18.32	18.57	18.36		
10	256QAM	50	0	18.40	18.43	18.40		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.44	18.53	18.50	19.7	0
5	QPSK	1	12	18.51	18.48	18.39		
5	QPSK	1	24	18.39	18.57	18.38		
5	QPSK	12	0	18.41	18.44	18.48	19.7	0
5	QPSK	12	7	18.41	18.47	18.48		
5	QPSK	12	13	18.41	18.43	18.44		
5	QPSK	25	0	18.56	18.49	18.39		
5	16QAM	1	0	18.52	18.39	18.35	19.7	0
5	16QAM	1	12	18.58	18.42	18.44		
5	16QAM	1	24	18.40	18.58	18.51		
5	16QAM	12	0	18.47	18.49	18.36	19.7	0
5	16QAM	12	7	18.52	18.41	18.41		
5	16QAM	12	13	18.40	18.38	18.52		
5	16QAM	25	0	18.52	18.46	18.51		
5	64QAM	1	0	18.49	18.46	18.52	19.7	0
5	64QAM	1	12	18.48	18.35	18.36		
5	64QAM	1	24	18.46	18.43	18.41		
5	64QAM	12	0	18.50	18.36	18.51	19.7	0
5	64QAM	12	7	18.44	18.44	18.53		
5	64QAM	12	13	18.42	18.32	18.44		
5	64QAM	25	0	18.53	18.46	18.37		
5	256QAM	1	0	18.57	18.36	18.48	19.1	0.6
5	256QAM	1	12	18.44	18.45	18.46		
5	256QAM	1	24	18.40	18.55	18.35		
5	256QAM	12	0	18.51	18.45	18.51	19.1	0.6
5	256QAM	12	7	18.54	18.53	18.40		
5	256QAM	12	13	18.40	18.42	18.45		
5	256QAM	25	0	18.33	18.53	18.52		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.45	18.58	18.48	19.7	0
3	QPSK	1	8	18.49	18.49	18.39		
3	QPSK	1	14	18.46	18.49	18.31		
3	QPSK	8	0	18.32	18.59	18.46	19.7	0
3	QPSK	8	4	18.46	18.41	18.45		
3	QPSK	8	7	18.41	18.46	18.38		
3	QPSK	15	0	18.49	18.54	18.41		
3	16QAM	1	0	18.46	18.34	18.48	19.7	0
3	16QAM	1	8	18.52	18.33	18.39		
3	16QAM	1	14	18.39	18.46	18.55		
3	16QAM	8	0	18.51	18.38	18.34	19.7	0
3	16QAM	8	4	18.41	18.42	18.36		
3	16QAM	8	7	18.47	18.48	18.47		
3	16QAM	15	0	18.46	18.43	18.40		
3	64QAM	1	0	18.42	18.40	18.59	19.7	0
3	64QAM	1	8	18.42	18.47	18.32		
3	64QAM	1	14	18.49	18.45	18.46		
3	64QAM	8	0	18.55	18.47	18.58	19.7	0
3	64QAM	8	4	18.44	18.52	18.47		
3	64QAM	8	7	18.47	18.32	18.50		
3	64QAM	15	0	18.46	18.53	18.45		
3	256QAM	1	0	18.52	18.42	18.46	19.1	0.6
3	256QAM	1	8	18.36	18.50	18.58		
3	256QAM	1	14	18.53	18.57	18.41		
3	256QAM	8	0	18.44	18.33	18.46	19.1	0.6
3	256QAM	8	4	18.45	18.43	18.39		
3	256QAM	8	7	18.47	18.50	18.42		
3	256QAM	15	0	18.42	18.55	18.42		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.40	18.57	18.51	19.7	0
1.4	QPSK	1	3	18.56	18.39	18.37		
1.4	QPSK	1	5	18.35	18.51	18.34		
1.4	QPSK	3	0	18.35	18.49	18.44		
1.4	QPSK	3	1	18.48	18.45	18.46		
1.4	QPSK	3	3	18.52	18.49	18.42		
1.4	QPSK	6	0	18.51	18.57	18.31	19.7	0
1.4	16QAM	1	0	18.48	18.41	18.46	19.7	0
1.4	16QAM	1	3	18.53	18.31	18.41		
1.4	16QAM	1	5	18.49	18.59	18.49		
1.4	16QAM	3	0	18.46	18.39	18.33		
1.4	16QAM	3	1	18.43	18.41	18.33		
1.4	16QAM	3	3	18.49	18.41	18.38		
1.4	16QAM	6	0	18.43	18.38	18.50	19.7	0
1.4	64QAM	1	0	18.50	18.50	18.59	19.7	0
1.4	64QAM	1	3	18.51	18.46	18.35		
1.4	64QAM	1	5	18.43	18.41	18.43		
1.4	64QAM	3	0	18.41	18.40	18.57		
1.4	64QAM	3	1	18.48	18.47	18.56		
1.4	64QAM	3	3	18.44	18.34	18.50		
1.4	64QAM	6	0	18.44	18.50	18.45	19.7	0
1.4	256QAM	1	0	18.54	18.36	18.50	19.1	0.6
1.4	256QAM	1	3	18.39	18.47	18.45		
1.4	256QAM	1	5	18.44	18.48	18.35		
1.4	256QAM	3	0	18.49	18.32	18.46		
1.4	256QAM	3	1	18.49	18.44	18.46		
1.4	256QAM	3	3	18.46	18.41	18.35		
1.4	256QAM	6	0	18.46	18.49	18.55	19.1	0.6

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BW [MHz]	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	21.11	21.26	21.24	22.9	0
20	QPSK	1	49	21.19	21.13	21.19		
20	QPSK	1	99	21.14	21.11	21.17		
20	QPSK	50	0	21.20	21.23	21.21	22.9	0
20	QPSK	50	24	21.21	21.15	21.19		
20	QPSK	50	50	21.22	21.19	21.11		
20	QPSK	100	0	21.14	21.20	21.14		
20	16QAM	1	0	21.14	21.24	21.18	22.9	0
20	16QAM	1	49	21.20	21.24	21.15		
20	16QAM	1	99	21.23	21.25	21.16		
20	16QAM	50	0	21.21	21.14	21.21	22	0.9
20	16QAM	50	24	21.24	21.14	21.23		
20	16QAM	50	50	21.20	21.21	21.10		
20	16QAM	100	0	21.17	21.21	21.17		
20	64QAM	1	0	21.15	21.14	21.19	22	0.9
20	64QAM	1	49	21.15	21.18	21.23		
20	64QAM	1	99	21.14	21.14	21.22		
20	64QAM	50	0	20.72	20.70	20.78	21	1.9
20	64QAM	50	24	20.76	20.70	20.60		
20	64QAM	50	50	20.69	20.77	20.62		
20	64QAM	100	0	20.74	20.77	20.74		
20	256QAM	1	0	18.62	18.69	18.67	19	3.9
20	256QAM	1	49	18.68	18.65	18.63		
20	256QAM	1	99	18.62	18.63	18.77		
20	256QAM	50	0	18.61	18.72	18.78	19	3.9
20	256QAM	50	24	18.76	18.69	18.69		
20	256QAM	50	50	18.59	18.62	18.72		
20	256QAM	100	0	18.72	18.71	18.71		
Channel				37625	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.99	21.21	21.17	22.9	0
15	QPSK	1	37	21.05	20.95	21.12		
15	QPSK	1	74	21.07	21.04	21.20		
15	QPSK	36	0	21.04	21.07	21.04	22.9	0
15	QPSK	36	20	21.11	21.01	21.03		
15	QPSK	36	39	21.16	21.09	20.94		
15	QPSK	75	0	21.09	21.06	21.10		
15	16QAM	1	0	21.07	21.17	21.09	22.9	0
15	16QAM	1	37	21.14	21.14	21.03		
15	16QAM	1	74	21.06	21.12	21.04		
15	16QAM	36	0	21.05	21.04	21.14	22	0.9
15	16QAM	36	20	21.09	21.10	21.06		
15	16QAM	36	39	21.03	21.08	21.09		
15	16QAM	75	0	21.07	21.05	21.07		
15	64QAM	1	0	21.08	21.11	21.02	22	0.9
15	64QAM	1	37	21.03	21.05	21.23		
15	64QAM	1	74	20.96	21.13	21.09		
15	64QAM	36	0	20.60	20.67	20.69	21	1.9
15	64QAM	36	20	20.61	20.57	20.50		
15	64QAM	36	39	20.58	20.64	20.56		
15	64QAM	75	0	20.64	20.62	20.68		
15	256QAM	1	0	18.59	18.52	18.52	19	3.9
15	256QAM	1	37	18.65	18.54	18.49		
15	256QAM	1	74	18.58	18.50	18.72		
15	256QAM	36	0	18.51	18.60	18.74	19	3.9
15	256QAM	36	20	18.68	18.55	18.59		
15	256QAM	36	39	18.48	18.45	18.54		
15	256QAM	75	0	18.63	18.63	18.61		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.96	21.22	21.11	22.9	0
10	QPSK	1	25	21.13	21.02	21.14		
10	QPSK	1	49	20.99	21.05	21.14		
10	QPSK	25	0	21.13	21.12	21.07	22.9	0
10	QPSK	25	12	21.12	20.99	21.05		
10	QPSK	25	25	21.08	21.02	20.95		
10	QPSK	50	0	20.99	21.11	21.08		
10	16QAM	1	0	21.06	21.22	21.05	22.9	0
10	16QAM	1	25	21.09	21.12	21.04		
10	16QAM	1	49	21.21	21.17	21.01		
10	16QAM	25	0	21.06	21.06	21.16	22	0.9
10	16QAM	25	12	21.19	21.02	21.20		
10	16QAM	25	25	21.07	21.06	21.21		
10	16QAM	50	0	21.14	21.10	21.10		
10	64QAM	1	0	21.09	21.08	21.13	22	0.9
10	64QAM	1	25	21.02	21.13	21.20		
10	64QAM	1	49	20.97	21.20	21.15		
10	64QAM	25	0	20.64	20.66	20.67	21	1.9
10	64QAM	25	12	20.59	20.53	20.47		
10	64QAM	25	25	20.57	20.61	20.49		
10	64QAM	50	0	20.59	20.66	20.60		
10	256QAM	1	0	18.54	18.56	18.60	19	3.9
10	256QAM	1	25	18.52	18.52	18.59		
10	256QAM	1	49	18.59	18.46	18.66		
10	256QAM	25	0	18.58	18.65	18.62	19	3.9
10	256QAM	25	12	18.61	18.56	18.59		
10	256QAM	25	25	18.52	18.47	18.65		
10	256QAM	50	0	18.65	18.56	18.53		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.08	21.16	21.17	22.9	0
5	QPSK	1	12	21.04	21.01	21.06		
5	QPSK	1	24	21.07	21.03	21.18		
5	QPSK	12	0	21.02	21.21	21.13	22.9	0
5	QPSK	12	7	21.11	20.98	21.07		
5	QPSK	12	13	21.12	21.09	20.98		
5	QPSK	25	0	21.12	21.13	21.07		
5	16QAM	1	0	21.06	21.17	21.09	22.9	0
5	16QAM	1	12	21.24	21.20	21.03		
5	16QAM	1	24	21.07	21.15	20.99		
5	16QAM	12	0	21.16	20.99	21.15	22	0.9
5	16QAM	12	7	21.14	20.97	21.14		
5	16QAM	12	13	21.15	21.17	21.10		
5	16QAM	25	0	21.07	21.17	21.04		
5	64QAM	1	0	21.02	21.10	21.14	22	0.9
5	64QAM	1	12	21.13	21.00	21.22		
5	64QAM	1	24	21.06	21.12	21.18		
5	64QAM	12	0	20.59	20.56	20.68	21	1.9
5	64QAM	12	7	20.63	20.57	20.55		
5	64QAM	12	13	20.54	20.68	20.56		
5	64QAM	25	0	20.56	20.62	20.69		
5	256QAM	1	0	18.45	18.57	18.64	19	3.9
5	256QAM	1	12	18.50	18.59	18.45		
5	256QAM	1	24	18.57	18.54	18.72		
5	256QAM	12	0	18.43	18.66	18.72	19	3.9
5	256QAM	12	7	18.70	18.55	18.66		
5	256QAM	12	13	18.54	18.46	18.58		
5	256QAM	25	0	18.59	18.57	18.57		

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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	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.19	21.22	21.29	21.23	21.19	22.9	0
20	QPSK	1	49	21.12	21.15	21.22	21.17	21.12		
20	QPSK	1	99	21.21	21.26	21.21	21.11	21.13		
20	QPSK	50	0	21.12	21.22	21.25	21.11	21.12	22.9	0
20	QPSK	50	24	21.24	21.21	21.19	21.23	21.22		
20	QPSK	50	50	21.17	21.23	21.20	21.16	21.15		
20	QPSK	100	0	21.13	21.20	21.22	21.12	21.20		
20	16QAM	1	0	21.19	21.15	21.23	21.21	21.27	22.9	0
20	16QAM	1	49	21.18	21.13	21.23	21.22	21.16		
20	16QAM	1	99	21.12	21.21	21.12	21.11	21.19		
20	16QAM	50	0	21.22	21.16	21.18	21.22	21.26	22	0.9
20	16QAM	50	24	21.25	21.19	21.21	21.16	21.22		
20	16QAM	50	50	21.13	21.25	21.26	21.12	21.18		
20	16QAM	100	0	21.14	21.15	21.14	21.13	21.18		
20	64QAM	1	0	21.16	21.22	21.14	21.13	21.22	22	0.9
20	64QAM	1	49	21.17	21.27	21.21	21.23	21.25		
20	64QAM	1	99	21.25	21.18	21.20	21.20	21.23		
20	64QAM	50	0	20.58	20.72	20.69	20.56	20.74	21	1.9
20	64QAM	50	24	20.60	20.43	20.70	20.61	20.56		
20	64QAM	50	50	20.60	20.52	20.58	20.74	20.57		
20	64QAM	100	0	20.64	20.67	20.59	20.63	20.56		
20	256QAM	1	0	18.56	18.57	18.50	18.65	18.50	19	3.9
20	256QAM	1	49	18.49	18.51	18.53	18.63	18.51		
20	256QAM	1	99	18.59	18.62	18.45	18.51	18.59		
20	256QAM	50	0	18.65	18.68	18.49	18.54	18.72	19	3.9
20	256QAM	50	24	18.62	18.58	18.68	18.52	18.54		
20	256QAM	50	50	18.53	18.66	18.49	18.60	18.64		
20	256QAM	100	0	18.54	18.57	18.59	18.59	18.66		
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	21.15	21.09	21.18	21.08	21.15	23	0
15	QPSK	1	37	21.08	21.08	21.09	21.06	20.98		
15	QPSK	1	74	21.17	21.16	21.06	21.02	21.08		
15	QPSK	36	0	20.99	21.14	21.08	20.96	20.99	22.9	0
15	QPSK	36	20	21.20	21.08	21.16	21.15	21.17		
15	QPSK	36	39	21.00	21.09	21.06	21.06	21.09		
15	QPSK	75	0	20.98	21.03	21.14	20.99	21.13		
15	16QAM	1	0	21.09	21.08	21.07	21.19	21.17	22.9	0
15	16QAM	1	37	21.16	20.98	21.09	21.17	21.09		
15	16QAM	1	74	21.03	21.10	20.98	21.01	21.11		
15	16QAM	36	0	21.15	21.11	21.03	21.17	21.10	22	0.9
15	16QAM	36	20	21.09	21.07	21.04	21.01	21.15		
15	16QAM	36	39	21.09	21.09	21.18	21.03	21.04		
15	16QAM	75	0	21.04	20.99	21.02	20.96	21.08		
15	64QAM	1	0	21.04	21.16	21.09	20.99	21.10	22	0.9
15	64QAM	1	37	21.08	21.11	21.06	21.07	21.19		
15	64QAM	1	74	21.08	21.12	21.17	21.11	21.11		
15	64QAM	36	0	20.46	20.59	20.64	20.48	20.58	21	1.9
15	64QAM	36	20	20.43	20.34	20.60	20.57	20.42		
15	64QAM	36	39	20.42	20.39	20.51	20.60	20.46		
15	64QAM	75	0	20.62	20.63	20.52	20.48	20.50		
15	256QAM	1	0	18.38	18.45	18.46	18.56	18.47	19	3.9
15	256QAM	1	37	18.31	18.45	18.39	18.53	18.48		
15	256QAM	1	74	18.53	18.56	18.35	18.41	18.43		
15	256QAM	36	0	18.55	18.56	18.40	18.41	18.55	19	3.9
15	256QAM	36	20	18.53	18.44	18.57	18.38	18.38		
15	256QAM	36	39	18.37	18.51	18.41	18.43	18.61		
15	256QAM	75	0	18.47	18.50	18.56	18.53	18.60		
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	21.08	21.22	21.20	21.02	23	0
10	QPSK	1	25	21.06	21.01	21.05	21.02	20.99		
10	QPSK	1	49	21.07	21.09	21.06	21.08	21.07		
10	QPSK	25	0	20.94	21.14	21.22	21.08	20.97	22.9	0
10	QPSK	25	12	21.17	21.11	21.01	21.21	21.11		
10	QPSK	25	25	21.11	21.21	21.10	21.08	21.01		
10	QPSK	50	0	20.98	21.02	21.19	21.07	21.11		
10	16QAM	1	0	21.12	21.05	21.20	21.12	21.14	22.9	0
10	16QAM	1	25	21.06	21.01	21.20	21.20	21.09		
10	16QAM	1	49	21.10	21.18	21.08	20.94	21.06		
10	16QAM	25	0	21.09	21.00	21.14	21.07	21.19	22	0.9
10	16QAM	25	12	21.16	21.08	21.14	21.05	21.18		
10	16QAM	25	25	21.00	21.17	21.19	20.95	21.14		
10	16QAM	50	0	21.01	21.02	21.11	21.08	21.06		
10	64QAM	1	0	21.12	21.11	21.03	20.96	21.08	22	0.9
10	64QAM	1	25	21.07	21.11	21.11	21.09	21.12		
10	64QAM	1	49	21.23	21.06	21.04	21.04	21.07		
10	64QAM	25	0	20.45	20.62	20.62	20.43	20.68	21	1.9
10	64QAM	25	12	20.45	20.38	20.54	20.48	20.42		
10	64QAM	25	25	20.45	20.44	20.51	20.64	20.48		
10	64QAM	50	0	20.62	20.52	20.53	20.47	20.49		
10	256QAM	1	0	18.41	18.49	18.40	18.63	18.46	19	3.9
10	256QAM	1	25	18.35	18.42	18.37	18.47	18.46		
10	256QAM	1	49	18.54	18.56	18.38	18.37	18.57		
10	256QAM	25	0	18.50	18.55	18.38	18.47	18.62	19	3.9
10	256QAM	25	12	18.50	18.49	18.56	18.48	18.46		
10	256QAM	25	25	18.42	18.60	18.46	18.57	18.48		
10	256QAM	50	0	18.38	18.44	18.43	18.55	18.51		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.08	21.10	21.21	21.14	21.14	23	0
5	QPSK	1	12	20.97	20.99	21.07	21.10	21.01		
5	QPSK	1	24	21.06	21.13	21.17	20.98	21.07		
5	QPSK	12	0	21.00	21.12	21.21	20.97	20.97	22.9	0
5	QPSK	12	7	21.19	21.16	21.12	21.12	21.17		
5	QPSK	12	13	21.06	21.16	21.11	21.11	20.97		
5	QPSK	25	0	21.03	21.07	21.17	21.10	21.20		
5	16QAM	1	0	21.16	21.09	21.07	21.09	21.22	22.9	0
5	16QAM	1	12	21.06	21.06	21.07	21.16	21.04		
5	16QAM	1	24	20.95	21.09	20.96	21.06	21.08		
5	16QAM	12	0	21.10	20.99	21.15	21.12	21.10	22	0.9
5	16QAM	12	7	21.18	21.16	21.08	21.08	21.09		
5	16QAM	12	13	21.03	21.17	21.15	20.99	21.10		
5	16QAM	25	0	21.10	21.13	21.11	21.01	21.06		
5	64QAM	1	0	21.07	21.18	21.08	21.10	21.14	22	0.9
5	64QAM	1	12	21.00	21.12	21.09	21.08	21.14		
5	64QAM	1	24	21.20	21.06	21.12	21.16	21.06		
5	64QAM	12	0	20.51	20.64	20.54	20.39	20.70	21	1.9
5	64QAM	12	7	20.47	20.27	20.57	20.47	20.40		
5	64QAM	12	13	20.43	20.34	20.45	20.60	20.54		
5	64QAM	25	0	20.58	20.50	20.51	20.46	20.44		
5	256QAM	1	0	18.50	18.40	18.46	18.50	18.36	19	3.9
5	256QAM	1	12	18.43	18.44	18.40	18.58	18.44		
5	256QAM	1	24	18.50	18.47	18.39	18.35	18.48		
5	256QAM	12	0	18.55	18.60	18.39	18.42	18.55	19	3.9
5	256QAM	12	7	18.56	18.54	18.58	18.46	18.43		
5	256QAM	12	13	18.43	18.48	18.32	18.44	18.49		
5	256QAM	25	0	18.50	18.52	18.42	18.43	18.56		

Band 2 Ant4

BW [MHz]	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	15.08	15.22	15.17	16.6	0
20	QPSK	1	49	15.19	15.05	15.16		
20	QPSK	1	99	15.05	15.13	15.09		
20	QPSK	50	0	15.13	15.20	15.16		
20	QPSK	50	24	15.11	15.18	15.13	16.6	0
20	QPSK	50	50	15.18	15.08	15.10		
20	QPSK	100	0	15.06	15.16	15.10		
20	16QAM	1	0	15.20	15.16	15.13		
20	16QAM	1	49	15.16	15.18	15.09	16.6	0
20	16QAM	1	99	15.07	15.19	15.11		
20	16QAM	50	0	15.05	15.16	15.19		
20	16QAM	50	24	15.07	15.14	15.20	16.6	0
20	16QAM	50	50	15.10	15.08	15.11		
20	16QAM	100	0	15.15	15.10	15.09		
20	64QAM	1	0	15.17	15.13	15.16		
20	64QAM	1	49	15.11	15.18	15.10	16.6	0
20	64QAM	1	99	15.05	15.16	15.17		
20	64QAM	50	0	15.19	15.07	15.14		
20	64QAM	50	24	15.09	15.12	15.19	16.6	0
20	64QAM	50	50	15.21	15.09	15.09		
20	64QAM	100	0	15.17	15.16	15.09		
20	256QAM	1	0	15.15	15.11	15.06		
20	256QAM	1	49	15.15	15.08	15.11	16.6	0
20	256QAM	1	99	15.07	15.15	15.21		
20	256QAM	50	0	15.06	15.15	15.09		
20	256QAM	50	24	15.11	15.08	15.18	16.6	0
20	256QAM	50	50	15.17	15.16	15.16		
20	256QAM	100	0	15.17	15.12	15.12		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.10	15.14	15.10	16.6	0
15	QPSK	1	37	15.16	15.05	15.09		
15	QPSK	1	74	15.15	15.19	15.18		
15	QPSK	36	0	15.21	15.18	15.10		
15	QPSK	36	20	15.17	15.15	15.08	16.6	0
15	QPSK	36	39	15.14	15.19	15.14		
15	QPSK	75	0	15.08	15.14	15.06		
15	16QAM	1	0	15.16	15.09	15.17		
15	16QAM	1	37	15.07	15.18	15.19	16.6	0
15	16QAM	1	74	15.12	15.16	15.20		
15	16QAM	36	0	15.15	15.07	15.07		
15	16QAM	36	20	15.17	15.13	15.10	16.6	0
15	16QAM	36	39	15.13	15.17	15.19		
15	16QAM	75	0	15.08	15.06	15.06		
15	64QAM	1	0	15.08	15.09	15.20		
15	64QAM	1	37	15.11	15.18	15.05	16.6	0
15	64QAM	1	74	15.14	15.21	15.12		
15	64QAM	36	0	15.05	15.09	15.11		
15	64QAM	36	20	15.14	15.16	15.18	16.6	0
15	64QAM	36	39	15.16	15.17	15.11		
15	64QAM	75	0	15.17	15.16	15.11		
15	256QAM	1	0	15.12	15.19	15.12		
15	256QAM	1	37	15.12	15.18	15.18	16.6	0
15	256QAM	1	74	15.16	15.12	15.17		
15	256QAM	36	0	15.14	15.14	15.09		
15	256QAM	36	20	15.15	15.20	15.05	16.6	0
15	256QAM	36	39	15.10	15.14	15.14		
15	256QAM	75	0	15.16	15.05	15.20		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.16	15.11	15.19	16.6	0
10	QPSK	1	25	15.10	15.12	15.19		
10	QPSK	1	49	15.18	15.14	15.13		
10	QPSK	25	0	15.15	15.09	15.20		
10	QPSK	25	12	15.14	15.10	15.20	16.6	0
10	QPSK	25	25	15.07	15.15	15.11		
10	QPSK	50	0	15.07	15.13	15.10		
10	16QAM	1	0	15.21	15.14	15.12		
10	16QAM	1	25	15.19	15.06	15.16	16.6	0
10	16QAM	1	49	15.20	15.17	15.09		
10	16QAM	25	0	15.17	15.15	15.12		
10	16QAM	25	12	15.10	15.05	15.16	16.6	0
10	16QAM	25	25	15.06	15.09	15.17		
10	16QAM	50	0	15.10	15.14	15.10		
10	64QAM	1	0	15.14	15.05	15.20		
10	64QAM	1	25	15.14	15.14	15.08	16.6	0
10	64QAM	1	49	15.17	15.16	15.12		
10	64QAM	25	0	15.12	15.18	15.20		
10	64QAM	25	12	15.09	15.07	15.13	16.6	0
10	64QAM	25	25	15.17	15.17	15.08		
10	64QAM	50	0	15.08	15.19	15.20		
10	256QAM	1	0	15.20	15.15	15.12		
10	256QAM	1	25	15.17	15.16	15.06	16.6	0
10	256QAM	1	49	15.06	15.17	15.20		
10	256QAM	25	0	15.20	15.14	15.15		
10	256QAM	25	12	15.20	15.21	15.15	16.6	0
10	256QAM	25	25	15.18	15.06	15.05		
10	256QAM	50	0	15.18	15.07	15.14		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.16	15.09	15.05	16.6	0
5	QPSK	1	12	15.07	15.10	15.17		
5	QPSK	1	24	15.08	15.11	15.20		
5	QPSK	12	0	15.17	15.20	15.15		
5	QPSK	12	7	15.15	15.08	15.18	16.6	0
5	QPSK	12	13	15.19	15.14	15.16		
5	QPSK	25	0	15.09	15.18	15.20		
5	16QAM	1	0	15.18	15.19	15.14		
5	16QAM	1	12	15.09	15.19	15.19	16.6	0
5	16QAM	1	24	15.12	15.21	15.12		
5	16QAM	12	0	15.12	15.13	15.07		
5	16QAM	12	7	15.05	15.06	15.18	16.6	0
5	16QAM	12	13	15.05	15.12	15.15		
5	16QAM	25	0	15.15	15.11	15.17		
5	64QAM	1	0	15.21	15.08	15.09		
5	64QAM	1	12	15.17	15.13	15.14	16.6	0
5	64QAM	1	24	15.18	15.08	15.17		
5	64QAM	12	0	15.16	15.13	15.17		
5	64QAM	12	7	15.15	15.19	15.17	16.6	0
5	64QAM	12	13	15.13	15.05	15.21		
5	64QAM	25	0	15.05	15.08	15.08		
5	256QAM	1	0	15.15	15.07	15.19		
5	256QAM	1	12	15.20	15.19	15.20	16.6	0
5	256QAM	1	24	15.20	15.15	15.18		
5	256QAM	12	0	15.11	15.18	15.18		
5	256QAM	12	7	15.11	15.13	15.17	16.6	0
5	256QAM	12	13	15.10	15.14	15.16		
5	256QAM	25	0	15.14	15.10	15.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.17	15.13	15.14	16.6	0
3	QPSK	1	8	15.11	15.15	15.14		
3	QPSK	1	14	15.12	15.15	15.16		
3	QPSK	8	0	15.15	15.19	15.05		
3	QPSK	8	4	15.06	15.08	15.09	16.6	0
3	QPSK	8	7	15.13	15.20	15.08		
3	QPSK	15	0	15.09	15.21	15.21		
3	16QAM	1	0	15.10	15.19	15.16		
3	16QAM	1	8	15.12	15.06	15.21	16.6	0
3	16QAM	1	14	15.07	15.14	15.05		
3	16QAM	8	0	15.15	15.15	15.15		
3	16QAM	8	4	15.05	15.18	15.19	16.6	0
3	16QAM	8	7	15.14	15.13	15.18		
3	16QAM	15	0	15.18	15.17	15.07		
3	64QAM	1	0	15.10	15.07	15.18		
3	64QAM	1	8	15.08	15.11	15.17	16.6	0
3	64QAM	1	14	15.21	15.13	15.14		
3	64QAM	8	0	15.21	15.12	15.14		
3	64QAM	8	4	15.18	15.15	15.16	16.6	0
3	64QAM	8	7	15.15	15.12	15.21		
3	64QAM	15	0	15.15	15.20	15.11		
3	256QAM	1	0	15.19	15.06	15.11		
3	256QAM	1	8	15.13	15.13	15.21	16.6	0
3	256QAM	1	14	15.08	15.21	15.08		
3	256QAM	8	0	15.09	15.09	15.21		
3	256QAM	8	4	15.10	15.19	15.16	16.6	0
3	256QAM	8	7	15.13	15.14	15.06		
3	256QAM	15	0	15.18	15.07	15.12		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.17	15.18	15.08	16.6	0
1.4	QPSK	1	3	15.10	15.14	15.14		
1.4	QPSK	1	5	15.07	15.07	15.09		
1.4	QPSK	3	0	15.16	15.18	15.21		
1.4	QPSK	3	1	15.20	15.16	15.20		
1.4	QPSK	3	3	15.05	15.07	15.14		
1.4	QPSK	6	0	15.17	15.10	15.08	16.6	0
1.4	16QAM	1	0	15.17	15.06	15.09	16.6	0
1.4	16QAM	1	3	15.10	15.18	15.14		
1.4	16QAM	1	5	15.19	15.18	15.19		
1.4	16QAM	3	0	15.20	15.17	15.13		
1.4	16QAM	3	1	15.09	15.21	15.08		
1.4	16QAM	3	3	15.17	15.15	15.10		
1.4	16QAM	6	0	15.06	15.16	15.05	16.6	0
1.4	64QAM	1	0	15.12	15.16	15.08	16.6	0
1.4	64QAM	1	3	15.06	15.12	15.09		
1.4	64QAM	1	5	15.06	15.08	15.17		
1.4	64QAM	3	0	15.16	15.08	15.10		
1.4	64QAM	3	1	15.21	15.11	15.12		
1.4	64QAM	3	3	15.12	15.05	15.06		
1.4	64QAM	6	0	15.15	15.18	15.12	16.6	0
1.4	256QAM	1	0	15.13	15.14	15.11	16.6	0
1.4	256QAM	1	3	15.19	15.14	15.19		
1.4	256QAM	1	5	15.12	15.08	15.14		
1.4	256QAM	3	0	15.06	15.18	15.06		
1.4	256QAM	3	1	15.09	15.17	15.14		
1.4	256QAM	3	3	15.19	15.09	15.19		
1.4	256QAM	6	0	15.12	15.11	15.11	16.6	0

Band 4 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.58	16.59	16.44	17.5	0
20	QPSK	1	49	16.51	16.55	16.45		
20	QPSK	1	99	16.49	16.46	16.56		
20	QPSK	50	0	16.45	16.55	16.46		
20	QPSK	50	24	16.47	16.50	16.51	17.5	0
20	QPSK	50	50	16.46	16.48	16.45		
20	QPSK	100	0	16.44	16.49	16.43		
20	16QAM	1	0	16.54	16.54	16.51		
20	16QAM	1	49	16.48	16.57	16.43	17.5	0
20	16QAM	1	99	16.45	16.55	16.53		
20	16QAM	50	0	16.53	16.50	16.54		
20	16QAM	50	24	16.45	16.47	16.50	17.5	0
20	16QAM	50	50	16.51	16.53	16.57		
20	16QAM	100	0	16.45	16.52	16.43		
20	64QAM	1	0	16.51	16.56	16.56		
20	64QAM	1	49	16.52	16.45	16.44	17.5	0
20	64QAM	1	99	16.47	16.43	16.58		
20	64QAM	50	0	16.55	16.46	16.45		
20	64QAM	50	24	16.52	16.46	16.48	17.5	0
20	64QAM	50	50	16.51	16.44	16.44		
20	64QAM	100	0	16.52	16.54	16.45		
20	256QAM	1	0	16.57	16.45	16.54		
20	256QAM	1	49	16.51	16.54	16.49	17.5	0
20	256QAM	1	99	16.53	16.46	16.44		
20	256QAM	50	0	16.49	16.55	16.54		
20	256QAM	50	24	16.58	16.45	16.57	17.5	0
20	256QAM	50	50	16.44	16.43	16.51		
20	256QAM	100	0	16.52	16.56	16.45		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.55	16.53	16.57	17.5	0
15	QPSK	1	37	16.43	16.53	16.43		
15	QPSK	1	74	16.53	16.48	16.51		
15	QPSK	36	0	16.45	16.54	16.48		
15	QPSK	36	20	16.50	16.49	16.58	17.5	0
15	QPSK	36	39	16.51	16.45	16.50		
15	QPSK	75	0	16.53	16.53	16.55		
15	16QAM	1	0	16.44	16.56	16.47		
15	16QAM	1	37	16.47	16.55	16.56	17.5	0
15	16QAM	1	74	16.49	16.48	16.48		
15	16QAM	36	0	16.58	16.54	16.43		
15	16QAM	36	20	16.50	16.58	16.56	17.5	0
15	16QAM	36	39	16.58	16.45	16.54		
15	16QAM	75	0	16.46	16.49	16.52		
15	64QAM	1	0	16.58	16.47	16.56		
15	64QAM	1	37	16.51	16.55	16.45	17.5	0
15	64QAM	1	74	16.49	16.57	16.55		
15	64QAM	36	0	16.57	16.55	16.44		
15	64QAM	36	20	16.45	16.49	16.50	17.5	0
15	64QAM	36	39	16.52	16.55	16.58		
15	64QAM	75	0	16.44	16.56	16.52		
15	256QAM	1	0	16.44	16.50	16.56		
15	256QAM	1	37	16.56	16.51	16.45	17.5	0
15	256QAM	1	74	16.53	16.58	16.44		
15	256QAM	36	0	16.55	16.55	16.53		
15	256QAM	36	20	16.58	16.56	16.51	17.5	0
15	256QAM	36	39	16.45	16.50	16.58		
15	256QAM	75	0	16.54	16.48	16.51		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.44	16.48	16.57	17.5	0
10	QPSK	1	25	16.58	16.47	16.50		
10	QPSK	1	49	16.52	16.45	16.53		
10	QPSK	25	0	16.55	16.47	16.54		
10	QPSK	25	12	16.45	16.49	16.46	17.5	0
10	QPSK	25	25	16.51	16.52	16.57		
10	QPSK	50	0	16.55	16.45	16.52		
10	16QAM	1	0	16.57	16.49	16.57		
10	16QAM	1	25	16.57	16.45	16.58	17.5	0
10	16QAM	1	49	16.55	16.49	16.47		
10	16QAM	25	0	16.54	16.45	16.58		
10	16QAM	25	12	16.49	16.58	16.51	17.5	0
10	16QAM	25	25	16.49	16.44	16.45		
10	16QAM	50	0	16.47	16.49	16.58		
10	64QAM	1	0	16.47	16.57	16.46		
10	64QAM	1	25	16.45	16.44	16.52	17.5	0
10	64QAM	1	49	16.44	16.45	16.58		
10	64QAM	25	0	16.51	16.56	16.58		
10	64QAM	25	12	16.56	16.56	16.50	17.5	0
10	64QAM	25	25	16.55	16.53	16.51		
10	64QAM	50	0	16.45	16.54	16.45		
10	256QAM	1	0	16.56	16.46	16.55		
10	256QAM	1	25	16.46	16.47	16.54	17.5	0
10	256QAM	1	49	16.51	16.54	16.51		
10	256QAM	25	0	16.57	16.47	16.52		
10	256QAM	25	12	16.51	16.47	16.47	17.5	0
10	256QAM	25	25	16.51	16.46	16.54		
10	256QAM	50	0	16.47	16.53	16.48		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.56	16.53	16.50	17.5	0
5	QPSK	1	12	16.58	16.44	16.53		
5	QPSK	1	24	16.56	16.49	16.45		
5	QPSK	12	0	16.53	16.49	16.58		
5	QPSK	12	7	16.56	16.46	16.56	17.5	0
5	QPSK	12	13	16.54	16.54	16.51		
5	QPSK	25	0	16.46	16.48	16.46		
5	16QAM	1	0	16.54	16.53	16.52		
5	16QAM	1	12	16.58	16.47	16.47	17.5	0
5	16QAM	1	24	16.52	16.56	16.52		
5	16QAM	12	0	16.55	16.48	16.50		
5	16QAM	12	7	16.57	16.58	16.48	17.5	0
5	16QAM	12	13	16.47	16.58	16.52		
5	16QAM	25	0	16.58	16.47	16.49		
5	64QAM	1	0	16.51	16.48	16.45		
5	64QAM	1	12	16.53	16.51	16.57	17.5	0
5	64QAM	1	24	16.45	16.52	16.58		
5	64QAM	12	0	16.51	16.58	16.53		
5	64QAM	12	7	16.48	16.51	16.52	17.5	0
5	64QAM	12	13	16.46	16.52	16.58		
5	64QAM	25	0	16.54	16.57	16.44		
5	256QAM	1	0	16.50	16.46	16.49		
5	256QAM	1	12	16.56	16.48	16.45	17.5	0
5	256QAM	1	24	16.47	16.50	16.50		
5	256QAM	12	0	16.56	16.49	16.45		
5	256QAM	12	7	16.58	16.53	16.57	17.5	0
5	256QAM	12	13	16.54	16.44	16.51		
5	256QAM	25	0	16.43	16.47	16.58		
Channel				19925	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.58	16.53	16.55	17.5	0
1.4	QPSK	1	3	16.52	16.43	16.51		
1.4	QPSK	1	5	16.44	16.46	16.53		
1.4	QPSK	3	0	16.44	16.47	16.47		
1.4	QPSK	3	1	16.45	16.44	16.54		
1.4	QPSK	3	3	16.46	16.47	16.46		
1.4	QPSK	6	0	16.58	16.46	16.44	17.5	0
1.4	16QAM	1	0	16.47	16.56	16.56	17.5	0
1.4	16QAM	1	3	16.53	16.48	16.50		
1.4	16QAM	1	5	16.45	16.55	16.56		
1.4	16QAM	3	0	16.47	16.43	16.51		
1.4	16QAM	3	1	16.57	16.55	16.57		
1.4	16QAM	3	3	16.54	16.54	16.53		
1.4	16QAM	6	0	16.52	16.48	16.49	17.5	0
1.4	64QAM	1	0	16.44	16.47	16.48	17.5	0
1.4	64QAM	1	3	16.49	16.57	16.55		
1.4	64QAM	1	5	16.49	16.47	16.48		
1.4	64QAM	3	0	16.45	16.58	16.49		
1.4	64QAM	3	1	16.45	16.55	16.45		
1.4	64QAM	3	3	16.58	16.46	16.52		
1.4	64QAM	6	0	16.45	16.50	16.55	17.5	0
1.4	256QAM	1	0	16.48	16.54	16.44	17.5	0
1.4	256QAM	1	3	16.53	16.50	16.54		
1.4	256QAM	1	5	16.52	16.44	16.53		
1.4	256QAM	3	0	16.45	16.46	16.55		
1.4	256QAM	3	1	16.57	16.49	16.52		
1.4	256QAM	3	3	16.57	16.58	16.54		
1.4	256QAM	6	0	16.57	16.46	16.49	17.5	0

Band 5 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.92	21.05	20.97	22	0
10	QPSK	1	25	20.92	21.00	21.04		
10	QPSK	1	49	21.01	20.98	20.93		
10	QPSK	25	0	20.94	21.03	20.99		
10	QPSK	25	12	20.98	20.93	20.94	22	0
10	QPSK	25	25	20.98	20.99	20.92		
10	QPSK	50	0	20.97	21.02	20.99		
10	16QAM	1	0	20.99	21.04	20.94		
10	16QAM	1	25	20.89	21.02	21.03	22	0
10	16QAM	1	49	21.03	20.90	20.94		
10	16QAM	25	0	21.00	20.98	20.95		
10	16QAM	25	12	21.00	20.90	20.93	22	0
10	16QAM	25	25	20.91	20.90	20.98		
10	16QAM	50	0	20.90	20.90	21.00		
10	64QAM	1	0	20.99	20.99	20.89		
10	64QAM	1	25	20.90	21.04	20.92	22	0
10	64QAM	1	49	20.93	20.95	20.97		
10	64QAM	25	0	20.48	20.50	20.43		
10	64QAM	25	12	20.52	20.47	20.41	21	1
10	64QAM	25	25	20.41	20.45	20.47		
10	64QAM	50	0	20.33	20.53	20.51		
10	256QAM	1	0	18.37	18.35	18.46		
10	256QAM	1	25	18.38	18.54	18.54	19	3
10	256QAM	1	49	18.42	18.47	18.58		
10	256QAM	25	0	18.50	18.63	18.36		
10	256QAM	25	12	18.40	18.44	18.56	19	3
10	256QAM	25	25	18.36	18.45	18.55		
10	256QAM	50	0	18.50	18.57	18.49		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.77	21.02	20.89	22	0
5	QPSK	1	12	20.82	20.95	20.95		
5	QPSK	1	24	20.88	20.77	20.89		
5	QPSK	12	0	20.90	20.94	20.82		
5	QPSK	12	7	20.86	20.82	20.79	22	0
5	QPSK	12	13	20.91	20.87	20.87		
5	QPSK	25	0	20.87	20.97	20.87		
5	16QAM	1	0	20.90	20.92	20.79		
5	16QAM	1	12	20.79	20.96	20.94	22	0
5	16QAM	1

Band 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26690		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	15.09	15.23	15.18	16.6	0
20	QPSK	1	49	15.15	15.10	15.08		
20	QPSK	1	99	15.14	15.10	15.11		
20	QPSK	50	0	15.10	15.19	15.10		
20	QPSK	50	24	15.13	15.10	15.07		
20	QPSK	50	50	15.15	15.18	15.15		
20	QPSK	100	0	15.05	15.19	15.13		
20	16QAM	1	0	15.05	15.14	15.21		
20	16QAM	1	49	15.20	15.20	15.08		
20	16QAM	1	99	15.19	15.15	15.10		
20	16QAM	50	0	15.14	15.12	15.15		
20	16QAM	50	24	15.10	15.07	15.05		
20	16QAM	50	50	15.13	15.18	15.06		
20	16QAM	100	0	15.17	15.06	15.16		
20	64QAM	1	0	15.08	15.19	15.12		
20	64QAM	1	49	15.19	15.12	15.07		
20	64QAM	1	99	15.07	15.05	15.18		
20	64QAM	50	0	15.18	15.09	15.20		
20	64QAM	50	24	15.10	15.09	15.13		
20	64QAM	50	50	15.14	15.07	15.07		
20	64QAM	100	0	15.09	15.09	15.11		
20	256QAM	1	0	15.08	15.08	15.07		
20	256QAM	1	49	15.17	15.18	15.21		
20	256QAM	1	99	15.06	15.10	15.12		
20	256QAM	50	0	15.06	15.05	15.16		
20	256QAM	50	24	15.16	15.18	15.11		
20	256QAM	50	50	15.19	15.17	15.11		
20	256QAM	100	0	15.07	15.07	15.21		
Channel				26115	26340	26615		
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	15.06	15.10	15.10		
15	QPSK	1	37	14.99	14.92	15.01		
15	QPSK	1	74	15.07	15.04	14.97		
15	QPSK	36	0	15.13	15.03	14.98		
15	QPSK	36	20	15.03	15.07	14.94		
15	QPSK	36	39	15.05	15.12	14.98		
15	QPSK	75	0	14.93	15.03	15.11		
15	16QAM	1	0	14.98	15.03	15.15		
15	16QAM	1	37	15.02	15.09	15.04		
15	16QAM	1	74	15.08	15.01	14.99		
15	16QAM	36	0	15.00	15.02	15.08		
15	16QAM	36	20	15.01	15.04	14.88		
15	16QAM	36	39	15.10	15.07	14.95		
15	16QAM	75	0	15.06	14.90	15.10		
15	64QAM	1	0	15.06	15.16	15.08		
15	64QAM	1	37	15.02	14.95	14.97		
15	64QAM	1	74	14.97	14.91	15.06		
15	64QAM	36	0	15.06	14.99	15.03		
15	64QAM	36	20	15.05	14.92	15.05		
15	64QAM	36	39	15.03	15.02	15.00		
15	64QAM	75	0	15.07	15.00	15.06		
15	256QAM	1	0	14.93	14.91	14.90		
15	256QAM	1	37	15.04	15.02	15.06		
15	256QAM	1	74	14.97	15.06	15.03		
15	256QAM	36	0	15.00	14.93	15.04		
15	256QAM	36	20	15.12	15.13	15.06		
15	256QAM	36	39	15.10	15.13	14.99		
15	256QAM	75	0	15.04	14.90	15.06		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	15.00	15.10	15.03	16.6	0
10	QPSK	1	25	15.10	15.02	15.03		
10	QPSK	1	49	15.01	15.04	15.07		
10	QPSK	25	0	15.10	15.04	15.00		
10	QPSK	25	12	15.02	15.04	15.05		
10	QPSK	25	25	15.13	15.11	15.05		
10	QPSK	50	0	14.93	15.02	15.02		
10	16QAM	1	0	14.91	15.06	15.04		
10	16QAM	1	25	15.10	15.07	14.91		
10	16QAM	1	49	15.03	15.01	15.01		
10	16QAM	25	0	14.97	14.99	15.02		
10	16QAM	25	12	15.02	15.02	14.89		
10	16QAM	25	25	15.06	15.09	14.99		
10	16QAM	50	0	15.11	14.89	15.06		
10	64QAM	1	0	14.95	15.15	14.94		
10	64QAM	1	25	15.05	15.09	14.97		
10	64QAM	1	49	14.98	14.94	15.13		
10	64QAM	25	0	15.06	14.98	15.05		
10	64QAM	25	12	14.96	15.01	14.98		
10	64QAM	25	25	15.04	15.02	15.04		
10	64QAM	50	0	14.99	15.03	14.96		
10	256QAM	1	0	14.91	14.98	14.94		
10	256QAM	1	25	15.05	15.01	15.03		
10	256QAM	1	49	15.04	14.92	15.02		
10	256QAM	25	0	15.02	15.03	15.09		
10	256QAM	25	12	15.13	15.10	15.03		
10	256QAM	25	25	15.10	15.06	14.96		
10	256QAM	50	0	14.92	14.97	15.16		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	14.98	15.13	15.13	16.6	0
5	QPSK	1	12	15.02	14.97	15.04		
5	QPSK	1	24	15.00	15.05	15.00		
5	QPSK	12	0	15.17	15.03	15.05		
5	QPSK	12	7	14.96	15.00	14.93		
5	QPSK	12	13	15.03	15.08	15.13		
5	QPSK	25	0	14.95	14.94	15.06		
5	16QAM	1	0	14.92	14.99	15.07		
5	16QAM	1	12	15.04	15.14	14.95		
5	16QAM	1	24	15.11	14.97	14.99		
5	16QAM	12	0	15.06	14.96	15.00		
5	16QAM	12	7	14.97	15.04	14.92		
5	16QAM	12	13	14.99	15.09	14.99		
5	16QAM	25	0	15.04	14.99	15.08		
5	64QAM	1	0	14.97	15.07	15.02		
5	64QAM	1	12	15.09	15.10	14.96		
5	64QAM	1	24	14.96	14.96	15.05		
5	64QAM	12	0	15.14	14.92	15.09		
5	64QAM	12	7	14.95	14.94	15.10		
5	64QAM	12	13	14.97	14.91	14.98		
5	64QAM	25	0	15.05	15.04	15.04		
5	256QAM	1	0	15.01	15.04	14.98		
5	256QAM	1	12	14.99	15.07	15.12		
5	256QAM	1	24	14.98	15.03	15.07		
5	256QAM	12	0	14.98	14.90	14.99		
5	256QAM	12	7	14.99	15.07	15.03		
5	256QAM	12	13	15.07	15.12	14.93		
5	256QAM	25	0	14.97	14.94	15.04		
Channel				26035	26340	26715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	14.95	15.05	15.01	16.6	0
3	QPSK	1	8	15.10	15.02	14.97		
3	QPSK	1	14	15.00	15.05	14.96		
3	QPSK	8	0	15.14	15.13	14.93		
3	QPSK	8	4	14.98	15.05	15.05		
3	QPSK	8	7	15.12	15.07	15.07		
3	QPSK	15	0	14.90	15.02	15.17		
3	16QAM	1	0	15.02	15.10	15.11		
3	16QAM	1	8	15.17	15.06	14.91		
3	16QAM	1	14	15.15	15.02	14.95		
3	16QAM	8	0	15.11	15.10	15.01		
3	16QAM	8	4	14.96	15.03	14.98		
3	16QAM	8	7	14.98	15.09	14.90		
3	16QAM	15	0	15.06	15.01	15.10		
3	64QAM	1	0	15.05	15.14	15.03		
3	64QAM	1	8	15.03	14.99	14.90		
3	64QAM	1	14	14.90	14.90	15.02		
3	64QAM	8	0	15.06	14.92	15.03		
3	64QAM	8	4	15.03	14.93	15.08		
3	64QAM	8	7	15.05	14.92	15.04		
3	64QAM	15	0	15.04	14.98	15.05		
3	256QAM	1	0	14.92	14.92	14.93		
3	256QAM	1	8	15.05	15.10	15.08		
3	256QAM	1	14	14.98	14.99	15.02		
3	256QAM	8	0	14.91	14.97	15.09		
3	256QAM	8	4	15.06	15.03	14.95		
3	256QAM	8	7	15.12	15.06	15.01		
3	256QAM	15	0	15.02	14.89	15.14		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	14.91	15.16	15.09	16.6	0
1.4	QPSK	1	3	15.01	14.97	14.93		
1.4	QPSK	1	5	15.05	14.93	15.03		
1.4	QPSK	3	0	15.02	15.08	15.02		
1.4	QPSK	3	1	15.05	14.97	14.95		
1.4	QPSK	3	3	15.02	15.03	15.05		
1.4	QPSK	6	0	15.00	14.92	15.10		
1.4	16QAM	1	0	14.93	15.12	15.11	16.6	0
1.4	16QAM	1	3	15.16	15.16	14.96		
1.4	16QAM	1	5	15.04	15.00	14.99		
1.4	16QAM	3	0	15.00	14.98	14.98		
1.4	16QAM	3	1	14.94	15.05	14.95		
1.4	16QAM	3	3	15.09	15.04	14.91		
1.4	16QAM	6	0	15.06	15.03	15.11		
1.4	64QAM	1	0	14.93	15.04	14.97	16.6	0
1.4	64QAM	1	3	15.08	15.07	14.90		
1.4	64QAM	1	5	14.97	14.97	15.02		
1.4	64QAM	3	0	15.02	14.96	15.06		
1.4	64QAM	3	1	15.01	15.05	14.97		
1.4	64QAM	3	3	15.06	14.98	14.96		
1.4	64QAM	6	0	14.92	15.00	15.04		
1.4	256QAM	1	0	14.96	14.93	14.93	16.6	0
1.4	256QAM	1	3	15.03	15.07	15.11		
1.4	256QAM	1	5	14.90	15.04	15.00		
1.4	256QAM	3	0	14.97	15.02	15.11		
1.4	256QAM	3	1	15.10	15.04	15.03		
1.4	256QAM	3	3	15.10	15.08	15.01		
1.4	256QAM	6	0	14.97	15.04	15.17		

Band 26 for FCC

BW [MHz]	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	21.03	21.07	20.89	22	0
15	QPSK	1	37	20.93	21.05	20.96		
15	QPSK	1	74	20.90	21.00	20.93		
15	QPSK	36	0	20.98	21.03	20.96		
15	QPSK	36	20	21.01	20.95	21.00		
15	QPSK	36	39	20.91	20.95	20.91		
15	QPSK	75	0	20.98	20.99	20.95		
15	16QAM	1	0	21.01	21.05	20.95		
15	16QAM	1	37	20.99	20.96	20.92		
15	16QAM	1	74	20.93	21.01	20.91		
15	16QAM	36	0	21.00	21.01	20.97		
15	16QAM	36	20	20.90	21.05	20.95		
15	16QAM	36	39	21.02	21.02	21.04		
15	16QAM	75	0	20.91	20.90	20.94		
15	64QAM	1	0	20.91	20.90	20.93		
15	64QAM	1	37	20.95	20.99	20.94		
15	64QAM	1	74	21.02	20.95	21.00		
15	64QAM	36	0	20.38	20.49	20.41		
15	64QAM	36	20	20.48	20.55	20.38		
15	64QAM	36	39	20.37	20.41	20.50		
15	64QAM	75	0	20.40	20.52	20.53		
15	256QAM	1	0	18.51	18.46	18.51		
15	256QAM	1	37	18.36	18.48	18.43		
15	256QAM	1	74	18.52	18.51	18.52		
15	256QAM	36	0	18.39	18.45	18.50		
15	256QAM	36	20	18.44	18.52	18.54		
15	256QAM	36	39	18.33	18.37	18.46		
15	256QAM	75	0	18.45	18.51	18.45		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.00	20.91	20.79	22	0
10	QPSK	1	25	20.90	21.02	20.92		
10	QPSK	1	49	20.79	20.90	20.86		
10	QPSK	25	0	20.86	20.91	20.83		
10	QPSK	25	12	20.94	20.78	20.96		
10	QPSK	25	25	20.75	20.82	20.81		
10	QPSK	50	0	20.81	20.88	20.86		
10	16QAM	1	0	20.92	20.99	20.84		
10	16QAM	1	25	20.84	20.84	20.81		
10	16QAM	1	49	20.84	20.90	20.78		
10	16QAM	25	0	20.93	20.91	20.85		
10	16QAM	25	12	20.84	20.99	20.81		
10	16QAM	25	25	20.87	20.96	20.98		
10	16QAM	50	0	20.77	20.73	20.91		
10	64QAM	1	0	20.85	20.83	20.79		
10	64QAM	1	25	20.89	20.82	20.90		
10	64QAM	1	49	21.00	20.91	20.92		
10	64QAM	25	0	20.33	20.45	20.29		
10	64QAM	25	12	20.80	20.37	20.23		
10	64QAM	25	25	20.24	20.27	20.45		
10	64QAM	50	0	20.27	20.37	20.50		
10	256QAM	1	0	18.38	18.33	18.35		
10	256QAM	1	25	18.28	18.45	18.34		
10	256QAM	1	49	18.43	18.45	18.38		
10	256QAM	25	0	18.23	18.34	18.34		
10	256QAM	25	12	18.37	18.48	18.50		
10	256QAM	25	25	18.29	18.27	18.29		
10	256QAM	50	0	18.41	18.48	18.36		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.00	20.93	20.72	22	0
5	QPSK	1	12	20.89	20.90	20.85		
5	QPSK	1	24	20.75	20.77	20.88		
5	QPSK	12	0	20.93	20.90	20.78		
5	QPSK	12	7	20.89	20.78	20.89		
5	QPSK	12	13	20.86	20.79	20.86		
5	QPSK	25	0	20.85	20.83	20.93		
5	16QAM	1	0	20.98	20.97	20.84		
5	16QAM	1	12	20.92	20.90	20.89		
5	16QAM	1	24	20.85	20.97	20.88		
5	16QAM	12	0	20.83	20.97	20.95		
5	16QAM	12	7	20.87	20.87	20.79		
5	16QAM	12	13	20.85	20.85	21.00		
5	16QAM	25	0	20.76	20.81	20.81		
5	64QAM	1	0	20.73	20.80	20.76		
5	64QAM	1	12	20.82	20.83	20.85		
5	64QAM	1	24	20.99	20.93	20.83		
5	64QAM	12	0	20.30	20.36	20.26		
5	64QAM	12	7	20.39	20.38	20.21		
5	64QAM	12	13	20.21	20.25	20.45		
5	64QAM	25	0	20.33	20.48	20.43		
5	256QAM	1	0	18.44	18.29	18.45		
5	256QAM	1	12	18.29	18.33	18.39		
5	256QAM	1	24	18.42	18.48	18.49		
5	256QAM	12	0	18.33	18.41	18.37		
5	256QAM	12	7	18.36	18.34	18.38		
5	256QAM	12	13	18.24	18.34	18.30		
5	256QAM	25	0	18.35	18.39	18.38		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.88	20.90	20.76	22	0
3	QPSK	1	8	20.79	20.93	20.85		
3	QPSK	1	14	20.82	20.84	20.87		
3	QPSK	8	0	20.83	20.91	20.83		
3	QPSK	8	4	20.91	20.92	20.85		
3	QPSK	8	7	20.86	20.80	20.81		
3	QPSK	15	0	20.88	20.96	20.86		
3	16QAM	1	0	20.87	20.89	20.85		
3	16QAM	1	8	20.93	20.88	20.79		
3	16QAM	1	14	20.82	20.87	20.76		
3	16QAM	8	0	20.89	20.95	20.92		
3	16QAM	8	4	20.84	20.88	20.88		
3	16QAM	8	7	20.95	20.91	20.91		
3	16QAM	15	0	20.74	20.87	20.80		
3	64QAM	1	0	20.76	20.77	20.89		
3	64QAM	1	8	20.86	20.96	20.80		
3	64QAM	1	14	20.95	20.81	20.93		
3	64QAM	8	0	20.33	20.32	20.33		
3	64QAM	8	4	20.45	20.45	20.20		
3	64QAM	8	7	20.32	20.31	20.33		
3	64QAM	15	0	20.25	20.34	20.39		
3	256QAM	1	0	18.36	18.34	18.47		
3	256QAM	1	8	18.24	18.39	18.26		
3	256QAM	1	14	18.34	18.40	18.36		
3	256QAM	8	0	18.29	18.39	18.44		
3	256QAM	8	4	18.29	18.45	18.47		
3	256QAM	8	7	18.26	18.20	18.31		
3	256QAM	15	0	18.32	18.35	18.43		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.90	21.02	20.74	22	0
1.4	QPSK	1	3	20.81	20.95	20.84		
1.4	QPSK	1	5	20.86	20.76	20.90		
1.4	QPSK	3	0	20.94	20.98	20.84		
1.4	QPSK	3	1	20.90	20.83	20.87		
1.4	QPSK	3	3	20.77	20.80	20.79		
1.4	QPSK	6	0	20.89	20.93	20.90	22	0
1.4	16QAM	1	0	20.96	20.95	20.82	22	0
1.4	16QAM	1	3	20.86	20.79	20.77		
1.4	16QAM	1	5	20.87	20.95	20.85		
1.4	16QAM	3	0	20.94	20.98	20.94		
1.4	16QAM	3	1	20.73	21.03	20.91		
1.4	16QAM	3	3	20.93	20.92	20.91		
1.4	16QAM	6	0	20.74	20.86	20.79	22	0
1.4	64QAM	1	0	20.76	20.74	20.77	22	0
1.4	64QAM	1	3	20.84	20.96	20.81		
1.4	64QAM	1	5	20.93	20.78	20.91		
1.4	64QAM	3	0	20.34	20.36	20.24		
1.4	64QAM	3	1	20.39	20.51	20.35		
1.4	64QAM	3	3	20.33	20.28	20.40		
1.4	64QAM	6	0	20.31	20.39	20.42	21	1
1.4	256QAM	1	0	18.49	18.36	18.42	19	3
1.4	256QAM	1	3	18.25	18.31	18.39		
1.4	256QAM	1	5	18.47	18.46	18.42		
1.4	256QAM	3	0	18.22	18.31	18.48		
1.4	256QAM	3	1	18.39	18.36	18.40		
1.4	256QAM	3	3	18.24	18.22	18.31		
1.4	256QAM	6	0	18.39	18.38	18.33	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.46	16.61	16.44	17.5	0
20	QPSK	1	49	16.46	16.58	16.50		
20	QPSK	1	99	16.54	16.48	16.53		
20	QPSK	50	0	16.47	16.59	16.48		
20	QPSK	50	24	16.51	16.58	16.50		
20	QPSK	50	50	16.54	16.49	16.57		
20	QPSK	100	0	16.47	16.57	16.44		
20	16QAM	1	0	16.55	16.54	16.56		
20	16QAM	1	49	16.47	16.46	16.49		
20	16QAM	1	99	16.57	16.45	16.57		
20	16QAM	50	0	16.54	16.44	16.44		
20	16QAM	50	24	16.54	16.47	16.49		
20	16QAM	50	50	16.50	16.49	16.50		
20	16QAM	100	0	16.51	16.56	16.57		
20	64QAM	1	0	16.54	16.55	16.50		
20	64QAM	1	49	16.46	16.55	16.52		
20	64QAM	1	99	16.52	16.53	16.54		
20	64QAM	50	0	16.46	16.52	16.53		
20	64QAM	50	24	16.55	16.46	16.44		
20	64QAM	50	50	16.51	16.52	16.54		
20	64QAM	100	0	16.58	16.54	16.48		
20	256QAM	1	0	16.53	16.45	16.51		
20	256QAM	1	49	16.51	16.45	16.57		
20	256QAM	1	99	16.51	16.48	16.54		
20	256QAM	50	0	16.57	16.47	16.53		
20	256QAM	50	24	16.43	16.57	16.43		
20	256QAM	50	50	16.46	16.51	16.47		
20	256QAM	100	0	16.54	16.48	16.53		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.49	16.44	16.57	17.5	0
15	QPSK	1	37	16.52	16.54	16.47		
15	QPSK	1	74	16.53	16.52	16.50		
15	QPSK	36	0	16.45	16.52	16.57		
15	QPSK	36	20	16.46	16.48	16.50		
15	QPSK	36	39	16.57	16.52	16.47		
15	QPSK	75	0	16.50	16.50	16.46		
15	16QAM	1	0	16.48	16.50	16.49		
15	16QAM	1	37	16.52	16.49	16.53		
15	16QAM	1	74	16.56	16.43	16.58		
15	16QAM	36	0	16.58	16.50	16.55		
15	16QAM	36	20	16.53	16.49	16.47		
15	16QAM	36	39	16.56	16.52	16.46		
15	16QAM	75	0	16.47	16.50	16.49		
15	64QAM	1	0	16.46	16.48	16.53		
15	64QAM	1	37	16.58	16.48	16.58		
15	64QAM	1	74	16.45	16.48	16.54		
15	64QAM	36	0	16.59	16.56	16.45		
15	64QAM	36	20	16.57	16.57	16.60		
15	64QAM	36	39	16.57	16.54	16.55		
15	64QAM	75	0	16.55	16.50	16.57		
15	256QAM	1	0	16.55	16.50	16.53		
15	256QAM	1	37	16.50	16.57	16.45		
15	256QAM	1	74	16.54	16.48	16.55		
15	256QAM	36	0	16.56	16.55	16.43		
15	256QAM	36	20	16.59	16.47

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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	18.17	18.22	18.10	19.7	0
20	QPSK	1	49	18.21	18.06	18.20		
20	QPSK	1	99	18.16	18.21	18.10		
20	QPSK	50	0	18.15	18.20	18.12	19.7	0
20	QPSK	50	24	18.11	18.19	18.12		
20	QPSK	50	50	18.06	18.12	18.16		
20	QPSK	100	0	18.16	18.19	18.17		
20	16QAM	1	0	18.20	18.14	18.20	19.7	0
20	16QAM	1	49	18.18	18.06	18.10		
20	16QAM	1	99	18.21	18.17	18.16		
20	16QAM	50	0	18.18	18.14	18.20	19.7	0
20	16QAM	50	24	18.10	18.21	18.13		
20	16QAM	50	50	18.11	18.17	18.16		
20	16QAM	100	0	18.11	18.07	18.21		
20	64QAM	1	0	18.20	18.07	18.10	19.7	0
20	64QAM	1	49	18.06	18.15	18.16		
20	64QAM	1	99	18.15	18.09	18.13		
20	64QAM	50	0	18.17	18.14	18.16	19.7	0
20	64QAM	50	24	18.14	18.17	18.12		
20	64QAM	50	50	18.07	18.15	18.06		
20	64QAM	100	0	18.15	18.06	18.08		
20	256QAM	1	0	18.14	18.09	18.20	19	0.7
20	256QAM	1	49	18.21	18.15	18.14		
20	256QAM	1	99	18.15	18.12	18.14		
20	256QAM	50	0	18.19	18.09	18.16	19	0.7
20	256QAM	50	24	18.19	18.09	18.14		
20	256QAM	50	50	18.09	18.15	18.20		
20	256QAM	100	0	18.12	18.09	18.11		
Channel				37625	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.89	18.04	17.94	19.7	0
15	QPSK	1	37	17.96	17.92	18.05		
15	QPSK	1	74	17.84	18.13	17.84		
15	QPSK	36	0	17.96	17.93	17.98	19.7	0
15	QPSK	36	20	17.95	17.88	18.05		
15	QPSK	36	39	17.89	18.01	17.81		
15	QPSK	75	0	17.86	18.03	17.98		
15	16QAM	1	0	18.10	17.97	17.89	19.7	0
15	16QAM	1	37	17.98	17.82	17.85		
15	16QAM	1	74	17.97	18.09	17.96		
15	16QAM	36	0	17.98	17.85	18.05	19.7	0
15	16QAM	36	20	17.98	18.03	17.94		
15	16QAM	36	39	17.95	17.95	17.93		
15	16QAM	75	0	17.92	18.00	18.09		
15	64QAM	1	0	18.01	17.98	17.90	19.7	0
15	64QAM	1	37	17.77	17.88	17.98		
15	64QAM	1	74	17.87	17.92	18.01		
15	64QAM	36	0	17.95	17.85	17.93	19.7	0
15	64QAM	36	20	18.00	17.89	18.02		
15	64QAM	36	39	17.89	17.93	17.75		
15	64QAM	75	0	18.05	17.89	17.79		
15	256QAM	1	0	17.91	17.78	17.96	19	0.7
15	256QAM	1	37	18.06	17.96	17.89		
15	256QAM	1	74	18.06	17.91	17.98		
15	256QAM	36	0	18.06	17.96	18.03	19	0.7
15	256QAM	36	20	18.01	17.92	17.98		
15	256QAM	36	39	17.85	17.95	18.04		
15	256QAM	75	0	17.91	17.86	18.01		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.97	18.14	17.97	19.7	0
10	QPSK	1	25	17.96	17.76	18.11		
10	QPSK	1	49	17.90	18.05	17.90		
10	QPSK	25	0	17.94	17.96	17.97	19.7	0
10	QPSK	25	12	17.99	17.99	17.99		
10	QPSK	25	25	17.93	18.01	17.83		
10	QPSK	50	0	17.95	17.97	17.96		
10	16QAM	1	0	18.14	18.04	18.00	19.7	0
10	16QAM	1	25	17.85	17.78	17.82		
10	16QAM	1	49	18.00	17.95	17.92		
10	16QAM	25	0	18.06	17.91	17.98	19.7	0
10	16QAM	25	12	17.93	18.05	17.88		
10	16QAM	25	25	17.97	17.95	17.96		
10	16QAM	50	0	17.84	17.92	18.01		
10	64QAM	1	0	18.08	18.02	17.91	19.7	0
10	64QAM	1	25	17.87	17.94	17.90		
10	64QAM	1	49	18.00	17.91	17.92		
10	64QAM	25	0	18.00	17.86	17.93	19.7	0
10	64QAM	25	12	17.94	17.95	18.01		
10	64QAM	25	25	17.93	18.03	17.93		
10	64QAM	50	0	18.09	17.90	17.88		
10	256QAM	1	0	17.85	17.82	18.04	19	0.7
10	256QAM	1	25	18.06	17.90	17.90		
10	256QAM	1	49	18.02	18.06	17.88		
10	256QAM	25	0	18.14	17.91	18.05	19	0.7
10	256QAM	25	12	17.99	17.90	18.06		
10	256QAM	25	25	17.79	17.86	17.96		
10	256QAM	50	0	17.81	17.90	17.96		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.98	18.09	17.95	19.7	0
5	QPSK	1	12	18.00	17.76	18.09		
5	QPSK	1	24	17.93	18.07	17.87		
5	QPSK	12	0	17.88	17.97	17.97	19.7	0
5	QPSK	12	7	18.02	17.94	17.97		
5	QPSK	12	13	17.96	17.91	17.88		
5	QPSK	25	0	17.88	18.04	18.08		
5	16QAM	1	0	18.11	17.97	17.93	19.7	0
5	16QAM	1	12	17.85	17.89	17.79		
5	16QAM	1	24	18.08	18.08	17.89		
5	16QAM	12	0	17.94	17.86	18.05	19.7	0
5	16QAM	12	7	17.88	18.02	17.92		
5	16QAM	12	13	17.86	17.89	17.95		
5	16QAM	25	0	17.77	17.99	17.96		
5	64QAM	1	0	18.07	17.87	17.90	19.7	0
5	64QAM	1	12	17.79	17.86	17.99		
5	64QAM	1	24	17.93	17.79	17.96		
5	64QAM	12	0	18.00	17.88	18.02	19.7	0
5	64QAM	12	7	18.03	17.95	17.94		
5	64QAM	12	13	17.94	17.92	17.87		
5	64QAM	25	0	17.96	17.83	17.81		
5	256QAM	1	0	17.94	17.87	17.98	19	0.7
5	256QAM	1	12	18.11	17.98	17.91		
5	256QAM	1	24	18.04	18.04	17.86		
5	256QAM	12	0	18.07	17.84	17.94	19	0.7
5	256QAM	12	7	17.97	17.92	17.94		
5	256QAM	12	13	17.77	17.93	18.04		
5	256QAM	25	0	17.79	17.86	18.03		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.18	18.19	18.24	18.11	18.06	19.7	0
20	QPSK	1	49	18.12	18.07	18.21	18.07	18.17		
20	QPSK	1	99	18.17	18.19	18.10	18.21	18.20		
20	QPSK	50	0	18.13	18.08	18.20	18.07	18.11	19.7	0
20	QPSK	50	24	18.17	18.19	18.13	18.15	18.13		
20	QPSK	50	50	18.18	18.10	18.17	18.16	18.17		
20	QPSK	100	0	18.18	18.10	18.19	18.15	18.08		
20	16QAM	1	0	18.14	18.16	18.21	18.20	18.09	19.7	0
20	16QAM	1	49	18.10	18.22	18.13	18.19	18.19		
20	16QAM	1	99	18.18	18.15	18.20	18.22	18.09		
20	16QAM	50	0	18.18	18.10	18.20	18.18	18.22	19.7	0
20	16QAM	50	24	18.20	18.06	18.09	18.14	18.20		
20	16QAM	50	50	18.22	18.10	18.09	18.21	18.06		
20	16QAM	100	0	18.21	18.15	18.13	18.13	18.08		
20	64QAM	1	0	18.20	18.15	18.07	18.06	18.19	19.7	0
20	64QAM	1	49	18.17	18.10	18.06	18.16	18.21		
20	64QAM	1	99	18.08	18.19	18.11	18.15	18.09		
20	64QAM	50	0	18.14	18.09	18.09	18.06	18.15	19.7	0
20	64QAM	50	24	18.13	18.17	18.17	18.08	18.11		
20	64QAM	50	50	18.17	18.15	18.19	18.07	18.16		
20	64QAM	100	0	18.14	18.15	18.09	18.22	18.11		
20	256QAM	1	0	18.12	18.09	18.15	18.22	18.10	19	0.7
20	256QAM	1	49	18.17	18.19	18.12	18.07	18.14		
20	256QAM	1	99	18.15	18.17	18.09	18.11	18.22		
20	256QAM	50	0	18.09	18.20	18.19	18.19	18.16	19	0.7
20	256QAM	50	24	18.20	18.20	18.17	18.14	18.08		
20	256QAM	50	50	18.19	18.17	18.12	18.12	18.19		
20	256QAM	100	0	18.22	18.17	18.14	18.07	18.08		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.02	18.09	18.08	18.06	17.94	20	0
15	QPSK	1	37	18.01	17.91	18.09	17.90	18.02		
15	QPSK	1	74	18.06	18.08	17.99	18.10	18.11		
15	QPSK	36	0	18.02	17.95	18.16	17.97	17.98	19.7	0
15	QPSK	36	20	18.05	18.07	18.04	18.10	17.99		
15	QPSK	36	39	18.10	18.03	18.04	18.06	18.07		
15	QPSK	75	0	18.04	17.94	18.11	18.02	18.02		
15	16QAM	1	0	17.96	18.11	18.05	18.04	17.95	19.7	0
15	16QAM	1	37	18.01	18.05	18.02	18.03	18.11		
15	16QAM	1	74	18.12	18.13	18.15	18.14	18.01		
15	16QAM	36	0	18.12	17.95	18.10	18.04	18.14	19.7	0
15	16QAM	36	20	18.16	18.04	17.98	18.11	18.08		
15	16QAM	36	39	18.15	17.98	17.94	18.17	18.00		
15	16QAM	75	0	18.10	18.01	17.99	17.96	18.03		
15	64QAM	1	0	18.10	18.01	17.99	18.02	18.04	19.7	0
15	64QAM	1	37	18.14	17.98	17.91	18.09	18.12		
15	64QAM	1	74	17.99	18.06	18.05	18.01	18.06		
15	64QAM	36	0	18.02	17.96	17.95	17.91	18.10	19.7	0
15	64QAM	36	20	17.97	18.11	18.13	17.96	17.96		
15	64QAM	36	39	18.05	18.00	18.06	17.95	18.03		
15	64QAM	75	0	17.97	18.02	18.05	18.05	17.95		
15	256QAM	1	0	18.04	17.91	18.11	18.05	17.96	19	0.7
15	256QAM	1	37	18.04	18.12	17.99	18.01	17.99		
15	256QAM	1	74	17.98	18.03	18.00	17.93	18.13		
15	256QAM	36	0	18.04	18.16	18.05	18.05	18.08	19	0.7
15	256QAM	36	20	18.04	18.06	17.99	18.04	17.91		
15	256QAM	36	39	18.10	18.04	18.09	18.08	18.07		
15	256QAM	75	0	18.07	18.04	17.97	18.01	17.94		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.08	18.08	18.22	17.94	17.98	20	0
10	QPSK	1	25	17.99	17.99	18.18	17.90	18.12		
10	QPSK	1	49	18.06	18.10	18.03	18.05	18.18		
10	QPSK	25	0	18.01	17.96	18.04	17.99	18.07	19.7	0
10	QPSK	25	12	18.09	18.03	18.03	17.99	18.02		
10	QPSK	25	25	18.14	18.06	18.01	18.02	18.05		
10	QPSK	50	0	18.15	17.93	18.07	18.13	18.01		
10	16QAM	1	0	18.03	18.01	18.07	18.17	17.97	19.7	0
10	16QAM	1	25	18.03	18.08	18.11	18.12	18.04		
10	16QAM	1	49	18.07	18.09	18.06	18.12	17.92		
10	16QAM	25	0	18.10	18.01	18.10	18.16	18.14	19.7	0
10	16QAM	25	12	18.07	17.91	18.07	18.10	18.17		
10	16QAM	25	25	18.15	18.02	17.94	18.13	17.97		
10	16QAM	50	0	18.09	18.07	18.08	17.98	18.00		
10	64QAM	1	0	18.15	18.02	17.93	18.00	18.11	19.7	0
10	64QAM	1	25	18.01	18.07	17.96	18.01	18.10		
10	64QAM	1	49	17.95	18.11	17.97	18.13	18.04		
10	64QAM	25	0	18.11	17.93	17.92	17.90	18.01	19.7	0
10	64QAM	25	12	17.97	18.11	18.05	18.05	17.96		
10	64QAM	25	25	17.99	18.01	18.04	18.03	18.09		
10	64QAM	50	0	18.11	18.06	17.94	18.10	17.94		
10	256QAM	1	0	17.98	17.96	18.06	18.07	18.02	19	0.7
10	256QAM	1	25	18.15	18.04	18.02	18.04	18.12		
10	256QAM	1	49	18.05	18.00	17.99	17.93	18.12		
10	256QAM	25	0	17.93	18.06	18.10	18.16	18.03	19	0.7
10	256QAM	25	12	18.16	18.14	18.06	17.97	18.00		
10	256QAM	25	25	18.10	18.12	18.06	17.99	18.04		
10	256QAM	50	0	18.11	18.01	18.02	17.93	17.94		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.02	18.05	18.06	17.97	18.04	20	0
5	QPSK	1	12	18.03	17.98	18.08	17.98	18.12		
5	QPSK	1	24	18.11	18.14	17.98	18.04	18.09		
5	QPSK	12	0	18.03	17.99	18.12	18.02	18.08	19.7	0
5	QPSK	12	7	18.02	18.12	18.10	18.03	18.07		
5	QPSK	12	13	18.08	18.08	18.07	18.08	18.05		
5	QPSK	25	0	18.14	17.94	18.14	17.98	17.91		
5	16QAM	1	0	18.07	18.05	18.19	18.06	17.96	19.7	0
5	16QAM	1	12	17.94	18.10	18.07	18.06	18.06		
5	16QAM	1	24	18.14	18.04	18.09	18.08	17.97		
5	16QAM	12	0	18.11	18.02	18.10	18.00	18.12	19.7	0
5	16QAM	12	7	18.18	17.98	17.98	18.11	18.03		
5	16QAM	12	13	18.04	17.99	18.02	18.11	17.98		
5	16QAM	25	0	18.14	18.01	18.06	17.97	18.00		
5	64QAM	1	0	18.16	18.09	17.93	17.97	18.08	19.7	0
5	64QAM	1	12	18.06	17.93	18.00	18.05	18.17		
5	64QAM	1	24	17.98	18.10	17.97	18.02	18.01		
5	64QAM	12	0	18.02	17.98	17.95	17.90	18.06	19.7	0
5	64QAM	12	7	18.05	18.03	17.99	18.06	18.07		
5	64QAM	12	13	18.11	18.13	18.02	17.89	17.99		
5	64QAM	25	0	18.00	18.12	17.96	18.09	17.94		
5	256QAM	1	0	18.06	17.95	17.98	18.10	18.06	19	0.7
5	256QAM	1	12	18.11	18.15	18.07	17.96	18.09		
5	256QAM	1	24	18.02	18.08	17.93	17.97	18.07		
5	256QAM	12	0	18.05	18.12	18.04	18.05	18.00	19	0.7
5	256QAM	12	7	18.05	18.02	18.08	18.09	18.05		
5	256QAM	12	13	18.17	18.15	17.98	17.99	18.17		
5	256QAM	25	0	18.15	18.01	18.08	17.91	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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	15.03	15.11	15.03	16.1	0
20	QPSK	1	49	15.07	14.93	14.98		
20	QPSK	1	99	14.99	14.95	14.97		
20	QPSK	50	0	15.07	15.09	15.01	16.1	0
20	QPSK	50	24	15.03	14.96	15.01		
20	QPSK	50	50	15.04	15.02	15.02		
20	QPSK	100	0	14.99	15.07	15.05		
20	16QAM	1	0	14.98	15.06	15.03	16.1	0
20	16QAM	1	49	15.01	14.97	14.95		
20	16QAM	1	99	14.99	14.99	14.94		
20	16QAM	50	0	15.08	14.94	14.99	16.1	0
20	16QAM	50	24	14.99	15.00	14.99		
20	16QAM	50	50	15.03	14.99	15.00		
20	16QAM	100	0	15.00	14.95	15.00		
20	64QAM	1	0	14.96	14.96	15.06	16.1	0
20	64QAM	1	49	15.07	14.94	15.07		
20	64QAM	1	99	15.02	15.02	15.07		
20	64QAM	50	0	14.95	15.06	15.05	16.1	0
20	64QAM	50	24	15.08	14.99	15.04		
20	64QAM	50	50	14.98	15.04	15.07		
20	64QAM	100	0	15.00	15.03	14.95		
20	256QAM	1	0	14.98	15.00	15.02	16.1	0
20	256QAM	1	49	14.93	14.93	14.94		
20	256QAM	1	99	15.01	15.05	14.94		
20	256QAM	50	0	14.99	14.95	15.03	16.1	0
20	256QAM	50	24	15.01	15.00	15.03		
20	256QAM	50	50	14.94	15.01	14.98		
20	256QAM	100	0	14.95	14.94	15.03		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	15.05	15.01	15.01	16.1	0
15	QPSK	1	37	15.04	14.99	15.07		
15	QPSK	1	74	15.06	14.94	15.06		
15	QPSK	36	0	14.95	15.08	15.03	16.1	0
15	QPSK	36	20	14.95	14.95	15.06		
15	QPSK	36	39	14.96	15.04	15.00		
15	QPSK	75	0	15.00	15.09	15.04		
15	16QAM	1	0	15.07	15.02	14.99	16.1	0
15	16QAM	1	37	15.06	15.00	15.09		
15	16QAM	1	74	15.05	15.00	15.08		
15	16QAM	36	0	14.94	15.09	15.01	16.1	0
15	16QAM	36	20	14.97	15.00	15.04		
15	16QAM	36	39	14.97	15.03	15.07		
15	16QAM	75	0	15.04	15.06	14.95		
15	64QAM	1	0	15.08	14.97	15.00	16.1	0
15	64QAM	1	37	15.03	15.05	14.95		
15	64QAM	1	74	14.95	15.03	15.04		
15	64QAM	36	0	15.04	15.06	15.02	16.1	0
15	64QAM	36	20	15.04	14.98	14.94		
15	64QAM	36	39	15.08	15.00	14.95		
15	64QAM	75	0	14.94	14.93	15.09		
15	256QAM	1	0	15.00	15.03	15.06	16.1	0
15	256QAM	1	37	14.99	15.07	14.98		
15	256QAM	1	74	14.95	14.98	15.05		
15	256QAM	36	0	14.98	14.97	15.05	16.1	0
15	256QAM	36	20	15.07	14.97	15.00		
15	256QAM	36	39	15.00	15.05	15.01		
15	256QAM	75	0	15.01	15.07	14.97		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	14.96	14.96	15.03	16.1	0
10	QPSK	1	25	15.06	14.94	14.99		
10	QPSK	1	49	15.08	14.98	15.02		
10	QPSK	25	0	15.06	15.00	15.08	16.1	0
10	QPSK	25	12	14.98	14.98	14.97		
10	QPSK	25	25	14.94	14.93	15.08		
10	QPSK	50	0	15.06	15.05	15.01		
10	16QAM	1	0	14.96	15.06	15.02	16.1	0
10	16QAM	1	25	14.93	15.03	15.03		
10	16QAM	1	49	15.00	14.95	15.07		
10	16QAM	25	0	14.94	15.02	15.07	16.1	0
10	16QAM	25	12	15.01	15.04	15.00		
10	16QAM	25	25	14.98	15.03	15.09		
10	16QAM	50	0	14.99	14.95	15.03		
10	64QAM	1	0	15.07	15.01	15.02	16.1	0
10	64QAM	1	25	14.96	15.02	15.03		
10	64QAM	1	49	14.93	15.01	15.00		
10	64QAM	25	0	14.96	15.00	15.01	16.1	0
10	64QAM	25	12	15.08	15.07	15.04		
10	64QAM	25	25	15.09	14.99	15.04		
10	64QAM	50	0	14.96	15.00	15.06		
10	256QAM	1	0	15.08	15.06	14.97	16.1	0
10	256QAM	1	25	15.02	15.00	14.96		
10	256QAM	1	49	15.09	14.97	15.06		
10	256QAM	25	0	14.94	14.97	15.08	16.1	0
10	256QAM	25	12	14.97	14.96	15.07		
10	256QAM	25	25	15.05	15.03	15.00		
10	256QAM	50	0	15.02	15.07	14.96		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	15.01	15.02	15.05	16.1	0
5	QPSK	1	12	15.07	15.06	14.98		
5	QPSK	1	24	15.08	15.02	15.09		
5	QPSK	12	0	14.96	15.05	14.93	16.1	0
5	QPSK	12	7	15.04	15.01	14.94		
5	QPSK	12	13	14.99	15.06	15.06		
5	QPSK	25	0	15.03	15.01	15.03		
5	16QAM	1	0	15.02	15.06	14.94	16.1	0
5	16QAM	1	12	14.93	14.96	14.99		
5	16QAM	1	24	15.01	14.96	14.93		
5	16QAM	12	0	15.05	15.07	14.95	16.1	0
5	16QAM	12	7	15.04	14.94	15.06		
5	16QAM	12	13	14.97	15.08	15.03		
5	16QAM	25	0	14.94	14.95	14.96		
5	64QAM	1	0	15.06	15.06	15.08	16.1	0
5	64QAM	1	12	14.94	14.98	15.01		
5	64QAM	1	24	14.94	15.07	15.02		
5	64QAM	12	0	15.06	14.99	15.09	16.1	0
5	64QAM	12	7	15.06	14.99	14.95		
5	64QAM	12	13	15.02	15.05	14.98		
5	64QAM	25	0	15.07	14.97	15.05		
5	256QAM	1	0	14.98	15.02	15.05	16.1	0
5	256QAM	1	12	15.02	15.07	15.08		
5	256QAM	1	24	15.00	14.94	15.07		
5	256QAM	12	0	15.00	15.07	15.08	16.1	0
5	256QAM	12	7	15.06	14.95	15.00		
5	256QAM	12	13	15.02	15.02	15.02		
5	256QAM	25	0	15.05	14.95	15.09		

Full & Default Power Mode_Other PA

Band 2 Ant1

BW [MHz]	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	22.84	23.07	22.98		
20	QPSK	1	49	22.86	22.95	22.95	24	0
20	QPSK	1	99	22.81	22.94	22.76		
20	QPSK	50	0	22.65	22.87	22.73		
20	QPSK	50	24	22.67	22.80	22.67	24	0
20	QPSK	50	50	22.75	22.81	22.70		
20	QPSK	100	0	22.58	22.65	22.48		
20	16QAM	1	0	22.65	22.80	22.73		
20	16QAM	1	49	22.76	22.74	22.68	24	0
20	16QAM	1	99	22.60	22.61	22.67		
20	16QAM	50	0	22.09	22.32	22.15		
20	16QAM	50	24	22.17	22.27	22.13	23.5	0.5
20	16QAM	50	50	22.32	22.33	22.24		
20	16QAM	100	0	22.10	22.18	22.03		
20	64QAM	1	0	22.13	22.31	22.20		
20	64QAM	1	49	22.28	22.28	22.19	23.5	0.5
20	64QAM	1	99	22.03	22.16	22.13		
20	64QAM	50	0	21.13	21.31	21.20		
20	64QAM	50	24	21.09	21.25	21.21	22.5	1.5
20	64QAM	50	50	21.29	21.25	21.28		
20	64QAM	100	0	21.12	21.13	20.90		
20	256QAM	1	0	19.08	19.31	19.15		
20	256QAM	1	49	19.16	19.28	19.22	20.5	3.5
20	256QAM	1	99	19.32	19.32	19.27		
20	256QAM	50	0	19.10	19.23	19.00		
20	256QAM	50	24	19.08	19.37	19.24	20.5	3.5
20	256QAM	50	50	19.32	19.30	19.24		
20	256QAM	100	0	19.02	19.06	19.25		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.74	22.98	22.85		
15	QPSK	1	37	22.72	22.78	22.79	24	0
15	QPSK	1	74	22.74	22.81	22.67		
15	QPSK	36	0	22.61	22.85	22.59		
15	QPSK	36	20	22.57	22.70	22.65	24	0
15	QPSK	36	39	22.57	22.65	22.64		
15	QPSK	75	0	22.42	22.57	22.31		
15	16QAM	1	0	22.53	22.74	22.69		
15	16QAM	1	37	22.73	22.65	22.60	24	0
15	16QAM	1	74	22.46	22.58	22.50		
15	16QAM	36	0	21.96	22.23	22.09		
15	16QAM	36	20	22.09	22.22	22.03	23.5	0.5
15	16QAM	36	39	22.18	22.29	22.19		
15	16QAM	75	0	21.93	22.08	21.93		
15	64QAM	1	0	22.08	22.22	22.07		
15	64QAM	1	37	22.19	22.10	22.13	23.5	0.5
15	64QAM	1	74	21.90	22.05	22.01		
15	64QAM	36	0	21.04	21.27	21.09		
15	64QAM	36	20	21.03	21.18	21.05	22.5	1.5
15	64QAM	36	39	21.13	21.17	21.13		
15	64QAM	75	0	21.03	20.97	20.79		
15	256QAM	1	0	18.99	19.17	19.13		
15	256QAM	1	37	19.07	19.24	19.20	20.5	3.5
15	256QAM	1	74	19.21	19.16	19.18		
15	256QAM	36	0	18.94	19.12	18.90		
15	256QAM	36	20	19.00	19.26	19.10	20.5	3.5
15	256QAM	36	39	19.21	19.07	19.13		
15	256QAM	75	0	18.97	19.03	19.22		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.76	22.98	22.91		
10	QPSK	1	25	22.81	22.86	22.83	24	0
10	QPSK	1	49	22.69	22.88	22.60		
10	QPSK	25	0	22.58	22.71	22.66		
10	QPSK	25	12	22.62	22.67	22.63	24	0
10	QPSK	25	25	22.57	22.86	22.66		
10	QPSK	50	0	22.48	22.60	22.37		
10	16QAM	1	0	22.54	22.69	22.62		
10	16QAM	1	25	22.67	22.71	22.54	24	0
10	16QAM	1	49	22.53	22.49	22.54		
10	16QAM	25	0	22.03	22.24	22.05		
10	16QAM	25	12	22.09	22.22	21.99	23.5	0.5
10	16QAM	25	25	22.29	22.18	22.07		
10	16QAM	50	0	22.01	22.12	21.92		
10	64QAM	1	0	22.07	22.26	22.06		
10	64QAM	1	25	22.13	22.15	22.16	23.5	0.5
10	64QAM	1	49	21.90	22.01	22.01		
10	64QAM	25	0	20.99	21.24	21.03		
10	64QAM	25	12	21.07	21.17	21.16	22.5	1.5
10	64QAM	25	25	21.14	21.11	21.15		
10	64QAM	50	0	20.97	20.97	20.81		
10	256QAM	1	0	19.03	19.17	19.11		
10	256QAM	1	25	19.13	19.23	19.14	20.5	3.5
10	256QAM	1	49	19.24	19.29	19.22		
10	256QAM	25	0	19.03	19.18	18.88		
10	256QAM	25	12	19.13	19.29	19.09	20.5	3.5
10	256QAM	25	25	19.22	19.19	19.19		
10	256QAM	50	0	18.89	19.00	19.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.66	22.96	22.81		
5	QPSK	1	12	22.68	22.79	22.78	24	0
5	QPSK	1	24	22.76	22.90	22.69		
5	QPSK	12	0	22.53	22.82	22.70		
5	QPSK	12	7	22.52	22.86	22.51	24	0
5	QPSK	12	13	22.60	22.68	22.56		
5	QPSK	25	0	22.47	22.53	22.31		
5	16QAM	1	0	22.52	22.74	22.56		
5	16QAM	1	12	22.65	22.85	22.66	24	0
5	16QAM	1	24	22.57	22.44	22.49		
5	16QAM	12	0	21.93	22.27	22.08		
5	16QAM	12	7	22.06	22.09	22.06	23.5	0.5
5	16QAM	12	13	22.15	22.24	22.18		
5	16QAM	25	0	21.92	22.10	21.88		
5	64QAM	1	0	22.05	22.14	22.14		
5	64QAM	1	12	22.26	22.13	22.03	23.5	0.5
5	64QAM	1	24	21.96	21.98	22.06		
5	64QAM	12	0	21.04	21.24	21.04		
5	64QAM	12	7	21.02	21.24	21.12	22.5	1.5
5	64QAM	12	13	21.13	21.17	21.17		
5	64QAM	25	0	21.06	21.01	20.77		
5	256QAM	1	0	18.92	19.14	19.03		
5	256QAM	1	12	19.10	19.15	19.08	20.5	3.5
5	256QAM	1	24	19.27	19.16	19.11		
5	256QAM	12	0	18.96	19.18	18.86		
5	256QAM	12	7	19.06	19.22	19.19	20.5	3.5
5	256QAM	12	13	19.22	19.18	19.13		
5	256QAM	25	0	18.94	18.94	19.23		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.68	22.94	22.83		
3	QPSK	1	8	22.81	22.80	22.90	24	0
3	QPSK	1	14	22.75	22.79	22.71		
3	QPSK	8	0	22.61	22.71	22.56		
3	QPSK	8	4	22.52	22.64	22.56	24	0
3	QPSK	8	7	22.69	22.78	22.57		
3	QPSK	15	0	22.48	22.57	22.40		
3	16QAM	1	0	22.49	22.77	22.66		
3	16QAM	1	8	22.61	22.68	22.56	24	0
3	16QAM	1	14	22.50	22.50	22.55		
3	16QAM	8	0	22.07	22.25	22.06		
3	16QAM	8	4	22.07	22.20	22.00	23.5	0.5
3	16QAM	8	7	22.22	22.15	22.12		
3	16QAM	15	0	21.92	22.08	21.93		
3	64QAM	1	0	22.11	22.24	22.14		
3	64QAM	1	8	22.20	22.15	22.07	23.5	0.5
3	64QAM	1	14	21.92	22.03	21.99		
3	64QAM	8	0	21.02	21.28	21.02		
3	64QAM	8	4	20.95	21.16	21.08	22.5	1.5
3	64QAM	8	7	21.14	21.11	21.21		
3	64QAM	15	0	21.03	21.10	20.86		
3	256QAM	1	0	19.04	19.26	19.11		
3	256QAM	1	8	19.02	19.20	19.15	20.5	3.5
3	256QAM	1	14	19.16	19.23	19.17		
3	256QAM	8	0	19.01	19.16	18.93		
3	256QAM	8	4	18.98	19.29	19.13	20.5	3.5
3	256QAM	8	7	19.19	19.20	19.06		
3	256QAM	15	0	18.96	18.96	19.10		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.77	23.03	22.82		
1.4	QPSK	1	3	22.81	22.78	22.80		
1.4	QPSK	1	5	22.68	22.82	22.70	24	0
1.4	QPSK	3	0	22.53	22.76	22.56		
1.4	QPSK	3	1	22.51	22.73	22.51		
1.4	QPSK	3	3	22.70	22.69	22.65		
1.4	QPSK	6	0	22.52	22.56	22.43	24	0
1.4	16QAM	1	0	22.55	22.73	22.56		
1.4	16QAM	1	3	22.60	22.70	22.52		
1.4	16QAM	1	5	22.44	22.45	22.52	24	0
1.4	16QAM	3	0	22.03	22.26	22.10		
1.4	16QAM	3	1	22.10	22.18	22.10		
1.4	16QAM	3	3	22.24	22.20	22.07		
1.4	16QAM	6	0	22.00	22.03	21.86	23.5	0.5
1.4	64QAM	1	0	21.99	22.15	22.06		
1.4	64QAM	1	3	22.11	22.13	22.09		
1.4	64QAM	1	5	22.00	22.12	22.01	23.5	0.5
1.4	64QAM	3	0	22.06	22.23	22.17		
1.4	64QAM	3	1	22.14	22.19	22.06		
1.4	64QAM	3	3	21.88	22.12	21.97		
1.4	64QAM	6	0	21.02	21.05	20.82	22.5	1.5
1.4	256QAM	1	0	19.01	19.23	19.11		
1.4	256QAM	1	3	19.09	19.25	19.05		
1.4	256QAM	1	5	19.16	19.25	19.18	20.5	3.5
1.4	256QAM	3	0	19.06	19.07	18.91		
1.4	256QAM	3	1	19.03	19.27	19.12		
1.4	256QAM	3	3	19.17	19.19	19.07		
1.4	256QAM	6	0	18.90	19.02	19.22	20.5	3.5

Band 4 Ant1

BW [MHz]	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	22.75	22.89	22.82		
20	QPSK	1	49	22.78	22.83	22.78	24	0
20	QPSK	1	99	22.74	22.69	22.76		
20	QPSK	50	0	22.61	22.82	22.64		
20	QPSK	50	24	22.63	22.71	22.51	24	0
20	QPSK	50	50	22.55	22.65	22.58		
20	QPSK	100	0	22.41	22.57	22.37		
20	16QAM	1	0	22.51	22.60	22.59		
20	16QAM	1	49	22.59	22.58	22.58	24	0
20	16QAM	1	99	22.53	22.45	22.49		
20	16QAM	50	0	22.13	22.35	22.16		
20	16QAM	50	24	22.16	22.22	22.03	23.5	0.5
20	16QAM	50	50	22.04	22.17	22.05		
20	16QAM	100	0	21.97	22.03	21.87		
20	64QAM	1	0	22.04	22.24	22.11		
20	64QAM	1	49	22.15	22.10	22.14	23.5	0.5
20	64QAM	1	99	22.04	21.99	21.96		
20	64QAM	50	0	21.06	21.31	21.20		
20	64QAM	50	24	21.08	21.16	21.05	22.5	1.5
20	64QAM	50	50	21.07	21.17	21.14		
20	64QAM	100	0	20.85	21.04	20.88		
20	256QAM	1	0	19.16	19.36	19.20		
20	256QAM	1	49	19.20	19.26	19.02	20.5	3.5
20	256QAM	1	99	18.99	19.20	19.09		
20	256QAM	50	0	18.85	19.13	18.90		
20	256QAM	50	24	19.05	19.14	19.17	20.5	3.5
20	256QAM	50	50	19.07	19.12	19.13		
20	256QAM	100	0	19.02	18.98	19.06		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.63	22.88	22.68		
15	QPSK	1	37	22.72	22.92	22.73	24	0
15	QPSK	1	74	22.66	22.65	22.66		
15	QPSK	36	0	22.48	22.77	22.58		
15	QPSK	36	20	22.56	22.55	22.34	24	0
15	QPSK	36	39	22.51	22.48	22.45		
15	QPSK	75	0	22.29	22.46	22.27		
15	16QAM	1	0	22.41	22.55	22.41		
15	16QAM	1	37	22.50	22.52	22.43	24	0
15	16QAM	1	74	22.43	22.30	22.39		
15	16QAM	36	0	22.03	22.20	22.07		
15	16QAM	36	20	22.06	22.14	21.94	23.5	0.5
15	16QAM	36	39	21.93	22.10	21.99		
15	16QAM	75	0	21.88	21.91	21.80		
15	64QAM	1	0	21.93	21.89	21.99		
15	64QAM	1	37	22.06	21.97	22.10	23.5	0.5
15	64QAM	1	74	21.95	21.83	21.78		
15	64QAM	36	0	20.89	21.21	21.08		
15	64QAM	36	20	20.90	21.11	20.99	22.5	1.5
15	64QAM	36	39	20.91	21.09	20.98		
15	64QAM	75	0	20.72	20.86	20.78		
15	256QAM	1	0	18.99	19.30	19.10		
15	256QAM	1	37	19.14	19.11	18.95	20.5	3.5
15	256QAM	1	74	18.91	19.13	18.98		
15	256QAM	36	0	18.81	19.00	18.80		
15	256QAM	36	20	18.98	19.00	19.00	20.5	3.5
15	256QAM	36	39	18.96	19.09	19.05		
15	256QAM	75	0	18.85	18.94	18.99		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.67	22.89	22.68		
10	QPSK	1	25	22.69	22.67	22.73	24	0
10	QPSK	1	49	22.60	22.51	22.63		
10	QPSK	25	0	22.45	22.64	22.51		
10	QPSK	25	12	22.58	22.58	22.46	24	0
10	QPSK	25	25	22.49	22.58	22.52		
10	QPSK	50	0	22.22	22.45	22.21		
10	16QAM	1	0	22.37	22.56	22.43		
10	16QAM	1	25	22.54	22.47	22.46	24	0
10	16QAM	1	49	22.36	22.28	22.42		
10	16QAM	25	0	22.06	22.30	22.06		
10	16QAM	25	12	22.05	22.09	21.94	23.5	0.5
10	16QAM	25	25	21.99	22.04	21.90		
10	16QAM	50	0	21.91	21.91	21.72		
10	64QAM	1	0	21.93	21.96	22.05		
10	64QAM	1	25	22.01	21.96	21.96	23.5	0.5
10	64QAM	1	49	21.96	21.84	21.86		
10	64QAM	25	0	21.00	21.12	21.01		
10	64QAM	25	12	21.01	21.02	20.91	22.5	1.5
10	64QAM	25	25	20.90	21.04	21.04		
10	64QAM	50	0	20.71	21.01	20.79		
10	256QAM	1	0	19.08	19.19	19.14		
10	256QAM	1	25	19.02	19.07	18.91	20.5	3.5
10	256QAM	1	49	18.86	19.03	19.05		
10	256QAM	25	0	18.68	19.03	18.75		
10	256QAM	25	12	18.98	19.10	19.02	20.5	3.5
10	256QAM	25	25	18.90	18.96	19.06		
10	256QAM	50	0	18.92	18.86	19.00		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.64	22.89	22.71		
5	QPSK	1	12	22.69	22.79	22.73	24	0
5	QPSK	1	24	22.58	22.54	22.60		
5	QPSK	12	0	22.55	22.63	22.51		
5	QPSK	12	7	22.44	22.62	22.44	24	0
5	QPSK	12	13	22.47	22.54	22.45		
5	QPSK	25	0	22.26	22.45	22.23		
5	16QAM	1	0	22.38	22.49	22.54		
5	16QAM	1	12	22.56	22.43	22.47	24	0
5	16QAM	1	24	22.45	22.39	22.38		
5	16QAM	12	0	21.98	22.29	21.98		
5	16QAM	12	7	22.06	22.10	21.90	23.5	0.5
5	16QAM	12	13	21.88	22.00	21.94		
5	16QAM	25	0	21.90	21.88	21.77		
5	64QAM	1	0	21.92	21.91	22.01		
5	64QAM	1	12	21.97	21.97	21.98	23.5	0.5
5	64QAM	1	24	21.94	21.93	21.85		
5	64QAM	12	0	20.98	21.27	21.06		
5	64QAM	12	7	20.91	20.99	20.95	22.5	1.5
5	64QAM	12	13	20.98	21.00	20.96		
5	64QAM	25	0	20.67	20.86	20.72		
5	256QAM	1	0	19.08	19.29	19.05		
5	256QAM	1	12	19.06	19.19	18.90	20.5	3.5
5	256QAM	1	24	18.94	19.15	18.99		
5	256QAM	12	0	18.68	19.07	18.77		
5	256QAM	12	7	18.93	19.09	19.10	20.5	3.5
5	256QAM	12	13	19.04	19.04	19.01		
5	256QAM	25	0	18.98	18.86	18.97		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.63	22.86	22.69		
3	QPSK	1	8	22.66	22.77	22.72	24	0
3	QPSK	1	14	22.69	22.55	22.66		
3	QPSK	8	0	22.48	22.64	22.50		
3	QPSK	8	4	22.55	22.64	22.47	24	0
3	QPSK	8	7	22.52	22.49	22.41		
3	QPSK	15	0	22.30	22.51	22.30		
3	16QAM	1	0	22.33	22.44	22.53		
3	16QAM	1	8	22.46	22.48	22.44	24	0
3	16QAM	1	14	22.46	22.40	22.36		
3	16QAM	8	0	22.05	22.30	22.01		
3	16QAM	8	4	22.07	22.15	21.96	23.5	0.5
3	16QAM	8	7	21.88	22.11	21.90		
3	16QAM	15	0	21.86	21.96	21.71		
3	64QAM	1	0	21.89	21.89	22.03		
3	64QAM	1	8	22.01	22.03	21.96	23.5	0.5
3	64QAM	1	14	21.90	21.91	21.84		
3	64QAM	8	0	21.03	21.21	21.04		
3	64QAM	8	4	20.90	21.06	20.93	22.5	1.5
3	64QAM	8	7	20.90	20.98	21.04		
3	64QAM	15	0	20.76	20.97	20.74		
3	256QAM	1	0	19.07	19.27	19.08		
3	256QAM	1	8	19.12	19.19	18.96	20.5	3.5
3	256QAM	1	14	18.80	19.04	19.02		
3	256QAM	8	0	18.76	19.04	18.75		
3	256QAM	8	4	19.00	19.04	19.02	20.5	3.5
3	256QAM	8	7	18.98	18.95	19.05		
3	256QAM	15	0	18.93	18.89	19.00		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.70	22.88	22.73		
1.4	QPSK	1	3	22.66	22.79	22.66		
1.4	QPSK	1	5	22.68	22.51	22.70	24	0
1.4	QPSK	3	0	22.56	22.67	22.58		
1.4	QPSK	3	1	22.48	22.67	22.43		
1.4	QPSK	3	3	22.47	22.58	22.52		
1.4	QPSK	6	0	22.31	22.42	22.28	24	0
1.4	16QAM	1	0	22.41	22.47	22.49		
1.4	16QAM	1	3	22.45	22.41	22.40		
1.4	16QAM	1	5	22.36	22.32	22.34	24	0
1.4	16QAM	3	0	22.43	22.48	22.41		
1.4	16QAM	3	1	22.49	22.54	22.41		
1.4	16QAM	3	3	22.49	22.40	22.32		
1.4	16QAM	6	0	21.91	21.88	21.76	23.5	0.5
1.4	64QAM	1	0	21.85	21.88	21.94		
1.4	64QAM	1	3	22.10	22.03	21.99		
1.4	64QAM	1	5	21.91	21.87	21.80	23.5	0.5
1.4	64QAM	3	0	21.87	21.97	21.99		
1.4	64QAM	3	1	22.09	21.93	22.09		
1.4	64QAM	3	3	21.96	21.88	21.88		
1.4	64QAM	6	0	20.71	20.95	20.71	22.5	1.5
1.4	256QAM	1	0	19.11	19.31	19.10		
1.4	256QAM	1	3	19.03	19.13	18.92		
1.4	256QAM	1	5	18.81	19.12	18.93	20.5	3.5
1.4	256QAM	3	0	18.74	18.98	18.72		
1.4	256QAM	3	1	18.97	18.99	18.98		
1.4	256QAM	3	3	18.90	19.05	18.97		
1.4	256QAM	6	0	18.95	18.83	18.87	20.5	3.5

Band 7 Ant1

BW [MHz]	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	22.88	23.06	22.96		
20	QPSK	1	49	22.89	22.93	22.89	24	0
20	QPSK	1	99	22.81	22.91	22.76		
20	QPSK	50	0	22.80	22.97	22.76		
20	QPSK	50	24	22.72	22.73	22.65	24	0
20	QPSK	50	50	22.80	22.78	22.68		
20	QPSK	100	0	22.57	22.75	22.63		
20	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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.67	22.82	22.75	24	0
20	QPSK	1	49	22.75	22.72	22.80		
20	QPSK	1	99	22.66	22.72	22.70		
20	QPSK	50	0	22.65	22.82	22.64	24	0
20	QPSK	50	24	22.59	22.72	22.65		
20	QPSK	50	50	22.65	22.65	22.49		
20	QPSK	100	0	22.50	22.63	22.41		
20	16QAM	1	0	22.59	22.61	22.68	24	0
20	16QAM	1	49	22.52	22.51	22.56		
20	16QAM	1	99	22.59	22.56	22.63		
20	16QAM	50	0	21.68	21.75	21.70	23	1
20	16QAM	50	24	21.59	21.79	21.67		
20	16QAM	50	50	21.68	21.69	21.51		
20	16QAM	100	0	21.48	21.58	21.44		
20	64QAM	1	0	21.63	21.63	21.76	23	1
20	64QAM	1	49	21.50	21.44	21.53		
20	64QAM	1	99	21.56	21.57	21.68		
20	64QAM	50	0	20.61	20.89	20.69	22	2
20	64QAM	50	24	20.63	20.76	20.71		
20	64QAM	50	50	20.58	20.58	20.53		
20	64QAM	100	0	20.52	20.71	20.45		
20	256QAM	1	0	18.60	18.90	18.60	20	4
20	256QAM	1	49	18.52	18.79	18.72		
20	256QAM	1	99	18.62	18.72	18.51		
20	256QAM	50	0	18.45	18.66	18.39	20	4
20	256QAM	50	24	18.54	18.63	18.70		
20	256QAM	50	50	18.49	18.43	18.58		
20	256QAM	100	0	18.63	18.57	18.70		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.62	22.63	22.81	24	0
15	QPSK	1	37	22.70	22.64	22.67		
15	QPSK	1	74	22.53	22.57	22.52		
15	QPSK	36	0	22.45	22.73	22.45	24	0
15	QPSK	36	20	22.55	22.56	22.54		
15	QPSK	36	39	22.56	22.49	22.36		
15	QPSK	75	0	22.34	22.58	22.27		
15	16QAM	1	0	22.54	22.53	22.53	24	0
15	16QAM	1	37	22.34	22.42	22.43		
15	16QAM	1	74	22.39	22.38	22.49		
15	16QAM	36	0	21.50	21.70	21.53	23	1
15	16QAM	36	20	21.39	21.63	21.49		
15	16QAM	36	39	21.51	21.53	21.46		
15	16QAM	75	0	21.43	21.40	21.25		
15	64QAM	1	0	21.43	21.50	21.58	23	1
15	64QAM	1	37	21.33	21.31	21.43		
15	64QAM	1	74	21.45	21.42	21.61		
15	64QAM	36	0	20.45	20.74	20.64	22	2
15	64QAM	36	20	20.49	20.72	20.59		
15	64QAM	36	39	20.48	20.47	20.44		
15	64QAM	75	0	20.43	20.63	20.33		
15	256QAM	1	0	18.53	18.81	18.54	20	4
15	256QAM	1	37	18.33	18.62	18.54		
15	256QAM	1	74	18.58	18.66	18.37		
15	256QAM	36	0	18.31	18.52	18.25	20	4
15	256QAM	36	20	18.48	18.48	18.64		
15	256QAM	36	39	18.40	18.39	18.44		
15	256QAM	75	0	18.44	18.37	18.50		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.63	22.67	22.80	24	0
10	QPSK	1	25	22.56	22.65	22.62		
10	QPSK	1	49	22.61	22.64	22.53		
10	QPSK	25	0	22.57	22.75	22.48	24	0
10	QPSK	25	12	22.48	22.57	22.57		
10	QPSK	25	25	22.47	22.52	22.36		
10	QPSK	50	0	22.38	22.57	22.37		
10	16QAM	1	0	22.41	22.48	22.55	24	0
10	16QAM	1	25	22.39	22.31	22.36		
10	16QAM	1	49	22.49	22.51	22.54		
10	16QAM	25	0	21.50	21.66	21.59	23	1
10	16QAM	25	12	21.48	21.70	21.50		
10	16QAM	25	25	21.62	21.65	21.47		
10	16QAM	50	0	21.37	21.39	21.34		
10	64QAM	1	0	21.46	21.48	21.63	23	1
10	64QAM	1	25	21.46	21.39	21.38		
10	64QAM	1	49	21.44	21.38	21.59		
10	64QAM	25	0	20.53	20.82	20.52	22	2
10	64QAM	25	12	20.50	20.58	20.51		
10	64QAM	25	25	20.38	20.39	20.40		
10	64QAM	50	0	20.40	20.58	20.29		
10	256QAM	1	0	18.53	18.72	18.54	20	4
10	256QAM	1	25	18.35	18.64	18.58		
10	256QAM	1	49	18.44	18.59	18.35		
10	256QAM	25	0	18.30	18.48	18.31	20	4
10	256QAM	25	12	18.35	18.58	18.58		
10	256QAM	25	25	18.31	18.39	18.41		
10	256QAM	50	0	18.58	18.44	18.66		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.50	22.68	22.65	24	0
5	QPSK	1	12	22.64	22.64	22.74		
5	QPSK	1	24	22.47	22.53	22.60		
5	QPSK	12	0	22.56	22.74	22.48	24	0
5	QPSK	12	7	22.47	22.65	22.51		
5	QPSK	12	13	22.50	22.47	22.31		
5	QPSK	25	0	22.43	22.58	22.28		
5	16QAM	1	0	22.47	22.55	22.52	24	0
5	16QAM	1	12	22.32	22.42	22.46		
5	16QAM	1	24	22.51	22.49	22.54		
5	16QAM	12	0	21.55	21.63	21.60	23	1
5	16QAM	12	7	21.40	21.63	21.60		
5	16QAM	12	13	21.55	21.59	21.39		
5	16QAM	25	0	21.42	21.51	21.34		
5	64QAM	1	0	21.48	21.56	21.59	23	1
5	64QAM	1	12	21.44	21.39	21.40		
5	64QAM	1	24	21.39	21.38	21.53		
5	64QAM	12	0	20.47	20.71	20.52	22	2
5	64QAM	12	7	20.56	20.69	20.58		
5	64QAM	12	13	20.50	20.45	20.43		
5	64QAM	25	0	20.41	20.53	20.27		
5	256QAM	1	0	18.41	18.72	18.49	20	4
5	256QAM	1	12	18.46	18.65	18.53		
5	256QAM	1	24	18.48	18.57	18.41		
5	256QAM	12	0	18.35	18.57	18.25	20	4
5	256QAM	12	7	18.36	18.52	18.53		
5	256QAM	12	13	18.41	18.26	18.43		
5	256QAM	25	0	18.48	18.39	18.65		

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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	22.66	22.69	22.89	22.81	22.69	24	0
20	QPSK	1	49	22.61	22.71	22.81	22.82	22.71		
20	QPSK	1	99	22.59	22.72	22.70	22.67	22.52		
20	QPSK	50	0	22.56	22.56	22.85	22.71	22.53	24	0
20	QPSK	50	24	22.50	22.63	22.61	22.66	22.43		
20	QPSK	50	50	22.51	22.54	22.61	22.55	22.42		
20	QPSK	100	0	22.49	22.39	22.69	22.36	22.25		
20	16QAM	1	0	22.52	22.52	22.68	22.69	22.62	24	0
20	16QAM	1	49	22.47	22.55	22.54	22.55	22.52		
20	16QAM	1	99	22.43	22.58	22.52	22.63	22.44		
20	16QAM	50	0	21.53	21.51	21.91	21.69	21.46	23	1
20	16QAM	50	24	21.43	21.62	21.66	21.73	21.48		
20	16QAM	50	50	21.45	21.51	21.60	21.53	21.47		
20	16QAM	100	0	21.46	21.33	21.65	21.36	21.29		
20	64QAM	1	0	21.57	21.46	21.73	21.73	21.57	23	1
20	64QAM	1	49	21.53	21.51	21.50	21.50	21.46		
20	64QAM	1	99	21.42	21.65	21.44	21.67	21.37		
20	64QAM	50	0	20.58	20.55	20.81	20.77	20.47	22	2
20	64QAM	50	24	20.42	20.69	20.64	20.67	20.48		
20	64QAM	50	50	20.51	20.54	20.69	20.53	20.44		
20	64QAM	100	0	20.47	20.35	20.73	20.42	20.25		
20	256QAM	1	0	18.59	18.54	18.81	18.66	18.46	20	4
20	256QAM	1	49	18.49	18.57	18.55	18.63	18.44		
20	256QAM	1	99	18.56	18.51	18.60	18.49	18.35		
20	256QAM	50	0	18.42	18.39	18.62	18.42	18.29	20	4
20	256QAM	50	24	18.48	18.57	18.73	18.64	18.66		
20	256QAM	50	50	18.43	18.60	18.46	18.49	18.49		
20	256QAM	100	0	18.38	18.64	18.47	18.56	18.44		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.52	22.62	22.64	22.68	22.56	24	0
15	QPSK	1	37	22.48	22.54	22.77	22.78	22.57		
15	QPSK	1	74	22.44	22.69	22.62	22.61	22.36		
15	QPSK	36	0	22.39	22.48	22.73	22.53	22.36	24	0
15	QPSK	36	20	22.39	22.59	22.47	22.63	22.40		
15	QPSK	36	39	22.42	22.50	22.44	22.43	22.26		
15	QPSK	75	0	22.32	22.25	22.62	22.24	22.19		
15	16QAM	1	0	22.34	22.49	22.56	22.53	22.57	24	0
15	16QAM	1	37	22.40	22.42	22.51	22.47	22.47		
15	16QAM	1	74	22.36	22.49	22.41	22.51	22.30		
15	16QAM	36	0	21.35	21.41	21.74	21.55	21.35	23	1
15	16QAM	36	20	21.31	21.50	21.53	21.66	21.40		
15	16QAM	36	39	21.40	21.41	21.56	21.47	21.41		
15	16QAM	75	0	21.40	21.21	21.61	21.28	21.24		
15	64QAM	1	0	21.55	21.37	21.69	21.60	21.47	23	1
15	64QAM	1	37	21.42	21.40	21.34	21.40	21.40		
15	64QAM	1	74	21.34	21.48	21.34	21.61	21.33		
15	64QAM	36	0	20.52	20.41	20.72	20.69	20.39	22	2
15	64QAM	36	20	20.33	20.52	20.48	20.53	20.40		
15	64QAM	36	39	20.34	20.46	20.60	20.39	20.32		
15	64QAM	75	0	20.32	20.27	20.68	20.27	20.18		
15	256QAM	1	0	18.44	18.45	18.78	18.63	18.39	20	4
15	256QAM	1	37	18.32	18.46	18.50	18.48	18.31		
15	256QAM	1	74	18.47	18.33	18.42	18.40	18.33		
15	256QAM	36	0	18.31	18.26	18.49	18.29	18.19	20	4
15	256QAM	36	20	18.38	18.48	18.61	18.58	18.54		
15	256QAM	36	39	18.26	18.48	18.34	18.34	18.43		
15	256QAM	75	0	18.25	18.52	18.39	18.49	18.42		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.53	22.55	22.75	22.71	22.64	24	0
10	QPSK	1	25	22.56	22.60	22.76	22.68	22.55		
10	QPSK	1	49	22.56	22.61	22.60	22.54	22.34		
10	QPSK	25	0	22.49	22.51	22.80	22.58	22.37	24	0
10	QPSK	25	12	22.45	22.54	22.49	22.58	22.38		
10	QPSK	25	25	22.47	22.49	22.49	22.52	22.47		
10	QPSK	50	0	22.45	22.30	22.56	22.27	22.19		
10	16QAM	1	0	22.45	22.47	22.61	22.54	22.53	24	0
10	16QAM	1	25	22.44	22.38	22.49	22.38	22.38		
10	16QAM	1	49	22.27	22.44	22.43	22.60	22.32		
10	16QAM	25	0	21.35	21.46	21.83	21.53	21.34	23	1
10	16QAM	25	12	21.36	21.44	21.55	21.61	21.36		
10	16QAM	25	25	21.46	21.42	21.46	21.37	21.41		
10	16QAM	50	0	21.37	21.20	21.51	21.28	21.16		
10	64QAM	1	0	21.54	21.41	21.65	21.70	21.51	23	1
10	64QAM	1	25	21.47	21.48	21.37	21.37	21.36		
10	64QAM	1	49	21.35	21.54	21.31	21.65	21.26		
10	64QAM	25	0	20.51	20.53	20.69	20.71	20.39	22	2
10	64QAM	25	12	20.29	20.57	20.55	20.55	20.37		
10	64QAM	25	25	20.48	20.46	20.56	20.47	20.28		
10	64QAM	50	0	20.38	20.24	20.57	20.33	20.13		
10	256QAM	1	0	18.49	18.47	18.66	18.52	18.29	20	4
10	256QAM	1	25	18.34	18.53	18.41	18.50	18.28		
10	256QAM	1	49	18.43	18.42	18.51	18.32	18.22		
10	256QAM	25	0	18.31	18.25	18.51	18.28	18.24	20	4
10	256QAM	25	12	18.37	18.49	18.68	18.54	18.58		
10	256QAM	25	25	18.38	18.55	18.32	18.32	18.34		
10	256QAM	50	0	18.25	18.54	18.35	18.52	18.34		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.50	22.64	22.67	22.72	22.63	24	0
5	QPSK	1	12	22.50	22.68	22.78	22.72	22.64		
5	QPSK	1	24	22.49	22.60	22.52	22.63	22.38		
5	QPSK	12	0	22.43	22.48	22.79	22.63	22.43	24	0
5	QPSK	12	7	22.38	22.55	22.48	22.62	22.29		
5	QPSK	12	13	22.39	22.48	22.45	22.52	22.33		
5	QPSK	25	0	22.33	22.34	22.66	22.28	22.28		
5	16QAM	1	0	22.48	22.47	22.61	22.60	22.58	24	0
5	16QAM	1	12	22.32	22.47	22.47	22.45	22.35		
5	16QAM	1	24	22.32	22.50	22.46	22.47	22.35		
5	16QAM	12	0	21.51	21.36	21.81	21.56	21.44	23	1
5	16QAM	12	7	21.36	21.51	21.60	21.57	21.39		
5	16QAM	12	13	21.38	21.40	21.51	21.40	21.36		
5	16QAM	25	0	21.34	21.26	21.52	21.30	21.26		
5	64QAM	1	0	21.45	21.42	21.61	21.63	21.41	23	1
5	64QAM	1	12	21.40	21.47	21.38	21.46	21.37		
5	64QAM	1	24	21.24	21.51	21.26	21.57	21.23		
5	64QAM	12	0	20.55	20.48	20.67	20.70	20.29	22	2
5	64QAM	12	7	20.24	20.61	20.47	20.51	20.40		
5	64QAM	12	13	20.38	20.46	20.54	20.51	20.37		
5	64QAM	25	0	20.34	20.19	20.55	20.38	20.15		
5	256QAM	1	0	18.47	18.41	18.68	18.50	18.44	20	4
5	256QAM	1	12	18.36	18.43	18.42	18.47	18.34		
5	256QAM	1	24	18.39	18.37	18.42	18.41	18.22		
5	256QAM	12	0	18.34	18.22	18.59	18.29	18.12	20	4
5	256QAM	12	7	18.31	18.41	18.55	18.55	18.53		
5	256QAM	12	13	18.31	18.46	18.35	18.39	18.34		
5	256QAM	25	0	18.20	18.61	18.34	18.51	18.35		

Reduced Power Mode for ECI 2_Other PA

Band 2 Ant1

BW [MHz]	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	22.84	23.07	22.96	24	0
20	QPSK	1	49	22.86	22.95	22.96		
20	QPSK	1	99	22.81	22.94	22.76		
20	QPSK	50	0	22.85	22.87	22.73	24	0
20	QPSK	50	24	22.87	22.80	22.67		
20	QPSK	50	50	22.75	22.81	22.70		
20	QPSK	100	0	22.58	22.65	22.48		
20	16QAM	1	0	22.85	22.80	22.73	24	0
20	16QAM	1	49	22.76	22.74	22.68		
20	16QAM	1	99	22.60	22.61	22.67		
20	16QAM	50	0	22.09	22.32	22.15	23.5	0.5
20	16QAM	50	24	22.17	22.27	22.13		
20	16QAM	50	50	22.32	22.33	22.24		
20	16QAM	100	0	22.10	22.18	22.03		
20	64QAM	1	0	22.13	22.31	22.20	23.5	0.5
20	64QAM	1	49	22.28	22.28	22.19		
20	64QAM	1	99	22.03	22.16	22.13		
20	64QAM	50	0	21.13	21.31	21.20	22.5	1.5
20	64QAM	50	24	21.09	21.28	21.21		
20	64QAM	50	50	21.20	21.25	21.28		
20	64QAM	100	0	21.12	21.13	20.90		
20	256QAM	1	0	19.08	19.31	19.15	20.5	3.5
20	256QAM	1	49	19.16	19.28	19.22		
20	256QAM	1	99	19.32	19.32	19.27		
20	256QAM	50	0	19.10	19.23	19.00	20.5	3.5
20	256QAM	50	24	19.08	19.37	19.24		
20	256QAM	50	50	19.32	19.30	19.24		
20	256QAM	100	0	19.02	19.08	19.25		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.74	22.98	22.85	24	0
15	QPSK	1	37	22.72	22.76	22.79		
15	QPSK	1	74	22.74	22.81	22.67		
15	QPSK	36	0	22.61	22.85	22.59	24	0
15	QPSK	36	20	22.57	22.70	22.65		
15	QPSK	36	39	22.60	22.65	22.54		
15	QPSK	75	0	22.42	22.57	22.31		
15	16QAM	1	0	22.53	22.74	22.69	24	0
15	16QAM	1	37	22.73	22.65	22.60		
15	16QAM	1	74	22.46	22.58	22.50		
15	16QAM	36	0	21.96	22.23	22.09	23.5	0.5
15	16QAM	36	20	22.09	22.22	22.03		
15	16QAM	36	39	22.18	22.20	22.10		
15	16QAM	75	0	21.99	22.13	21.93		
15	64QAM	1	0	22.08	22.22	22.07	23.5	0.5
15	64QAM	1	37	22.19	22.10	22.13		
15	64QAM	1	74	21.90	22.05	22.01		
15	64QAM	36	0	21.04	21.27	21.09	22.5	1.5
15	64QAM	36	20	21.03	21.18	21.05		
15	64QAM	36	39	21.13	21.17	21.13		
15	64QAM	75	0	20.93	20.97	20.79		
15	256QAM	1	0	18.99	19.17	19.13	20.5	3.5
15	256QAM	1	37	19.07	19.24	19.20		
15	256QAM	1	74	19.21	19.16	19.16		
15	256QAM	36	0	18.94	19.12	18.90	20.5	3.5
15	256QAM	36	20	19.00	19.26	19.10		
15	256QAM	36	39	19.21	19.27	19.13		
15	256QAM	75	0	18.97	19.03	19.22		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.76	22.95	22.91	24	0
10	QPSK	1	25	22.81	22.95	22.83		
10	QPSK	1	49	22.69	22.88	22.60		
10	QPSK	25	0	22.58	22.71	22.66	24	0
10	QPSK	25	12	22.62	22.67	22.63		
10	QPSK	25	25	22.62	22.67	22.58		
10	QPSK	50	0	22.48	22.69	22.37		
10	16QAM	1	0	22.54	22.69	22.62	24	0
10	16QAM	1	25	22.87	22.71	22.51		
10	16QAM	1	49	22.33	22.45	22.54		
10	16QAM	25	0	22.03	22.24	22.05	23.5	0.5
10	16QAM	25	12	22.09	22.22	21.99		
10	16QAM	25	25	22.29	22.16	22.07		
10	16QAM	50	0	22.01	22.15	21.92		
10	64QAM	1	0	22.01	22.27	22.06	23.5	0.5
10	64QAM	1	25	22.13	22.15	22.16		
10	64QAM	1	49	21.90	22.03	22.01		
10	64QAM	25	0	20.99	21.24	21.03	22.5	1.5
10	64QAM	25	12	21.07	21.17	21.16		
10	64QAM	25	25	21.14	21.11	21.15		
10	64QAM	50	0	20.97	20.97	20.81		
10	256QAM	1	0	19.03	19.17	19.11	20.5	3.5
10	256QAM	1	25	19.13	19.23	19.14		
10	256QAM	1	49	19.24	19.29	19.22		
10	256QAM	25	0	19.03	19.18	18.88	20.5	3.5
10	256QAM	25	12	18.93	19.29	19.09		
10	256QAM	25	25	19.22	19.19	19.19		
10	256QAM	50	0	18.89	19.00	19.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.66	22.96	22.81	24	0
5	QPSK	1	12	22.68	22.79	22.78		
5	QPSK	1	24	22.76	22.92	22.69		
5	QPSK	12	0	22.53	22.82	22.70	24	0
5	QPSK	12	7	22.52	22.66	22.51		
5	QPSK	12	13	22.60	22.68	22.56		
5	QPSK	25	0	22.47	22.53	22.31		
5	16QAM	1	0	22.52	22.74	22.56	24	0
5	16QAM	1	12	22.65	22.65	22.56		
5	16QAM	1	24	22.27	22.42	22.49		
5	16QAM	12	0	21.93	22.27	22.08	23.5	0.5
5	16QAM	12	7	22.06	22.09	22.06		
5	16QAM	12	13	22.15	22.24	22.18		
5	16QAM	25	0	22.10	22.18	21.88		
5	64QAM	1	0	22.05	22.14	22.14	23.5	0.5
5	64QAM	1	12	22.26	22.13	22.03		
5	64QAM	1	24	21.96	21.98	22.06		
5	64QAM	12	0	21.04	21.24	21.07	22.5	1.5
5	64QAM	12	7	21.02	21.24	21.12		
5	64QAM	12	13	21.13	21.17	21.17		
5	64QAM	25	0	21.06	21.06	20.77		
5	256QAM	1	0	18.92	19.14	19.03	20.5	3.5
5	256QAM	1	12	19.10	19.15	19.08		
5	256QAM	1	24	19.27	19.16	19.11		
5	256QAM	12	0	18.96	19.18	18.86	20.5	3.5
5	256QAM	12	7	19.06	19.22	19.19		
5	256QAM	12	13	19.22	19.18	19.13		
5	256QAM	25	0	18.94	18.94	19.23		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.68	22.94	22.83	24	0
3	QPSK	1	8	22.81	22.80	22.90		
3	QPSK	1	14	22.76	22.72	22.71		
3	QPSK	8	0	22.61	22.71	22.56	24	0
3	QPSK	8	4	22.52	22.64	22.56		
3	QPSK	8	7	22.69	22.78	22.57		
3	QPSK	15	0	22.48	22.57	22.40		
3	16QAM	1	0	22.49	22.77	22.66	24	0
3	16QAM	1	8	22.61	22.68	22.56		
3	16QAM	1	14	22.50	22.50	22.55		
3	16QAM	8	0	22.07	22.20	22.06	23.5	0.5
3	16QAM	8	4	22.00	22.20	22.00		
3	16QAM	8	7	22.22	22.15	22.12		
3	16QAM	15	0	21.92	22.08	21.93		
3	64QAM	1	0	22.11	22.24	22.14	23.5	0.5
3	64QAM	1	8	22.20	22.15	22.07		
3	64QAM	1	14	21.92	22.03	21.99		
3	64QAM	8	0	21.02	21.28	21.02	22.5	1.5
3	64QAM	8	4	20.95	21.16	21.08		
3	64QAM	8	7	21.14	21.11	21.21		
3	64QAM	15	0	21.03	21.10	20.86		
3	256QAM	1	0	19.04	19.26	19.11	20.5	3.5
3	256QAM	1	8	19.02	19.20	19.15		
3	256QAM	1	14	19.16	19.23	19.17		
3	256QAM	8	0	19.01	19.16	18.93	20.5	3.5
3	256QAM	8	4	18.98	19.29	19.13		
3	256QAM	8	7	19.19	19.20	19.06		
3	256QAM	15	0	18.96	18.98	19.10		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.77	23.03	22.82	24	0
1.4	QPSK	1	3	22.81	22.76	22.80		
1.4	QPSK	1	5	22.68	22.82	22.70		
1.4	QPSK	3	0	22.53	22.76	22.56		
1.4	QPSK	3	1	22.51	22.73	22.51		
1.4	QPSK	3	3	22.70	22.69	22.65		
1.4	QPSK	6	0	22.52	22.56	22.43	24	0
1.4	16QAM	1	0	22.55	22.73	22.58	24	0
1.4	16QAM	1	3	22.60	22.70	22.52		
1.4	16QAM	1	5	22.44	22.45	22.52		
1.4	16QAM	3	0	22.03	22.26	22.10		
1.4	16QAM	3	1	22.10	22.18	22.10		
1.4	16QAM	3	3	22.24	22.20	22.07		
1.4	16QAM	6	0	22.00	22.03	21.86	23.5	0.5
1.4	64QAM	1	0	21.99	22.15	22.06	23.5	0.5
1.4	64QAM	1	3	22.11	22.13	22.09		
1.4	64QAM	1	5	22.00	22.12	22.01		
1.4	64QAM	3	0	22.06	22.23	22.17		
1.4	64QAM	3	1	22.14	22.19	22.06		
1.4	64QAM	3	3	21.88	22.12	21.97		
1.4	64QAM	6	0	21.02	21.05	20.82	22.5	1.5
1.4	256QAM	1	0	19.01	19.23	19.11	20.5	3.5
1.4	256QAM	1	3	19.09	19.25	19.05		
1.4	256QAM	1	5	19.16	19.25	19.18		
1.4	256QAM	3	0	19.06	19.07	18.91		
1.4	256QAM	3	1	19.03	19.27	19.12		
1.4	256QAM	3	3	19.17	19.19	19.07		
1.4	256QAM	6	0	18.90	19.02	19.22	20.5	3.5

Band 4 Ant1

BW [MHz]	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	22.75	22.89	22.82	24	0
20	QPSK	1	49	22.78	22.83	22.76		
20	QPSK	1	99	22.74	22.89	22.76		
20	QPSK	50	0	22.61	22.82	22.64	24	0
20	QPSK	50	24	22.63	22.71	22.51		
20	QPSK	50	50	22.55	22.65	22.58		
20	QPSK	100	0	22.41	22.57	22.37		
20	16QAM	1	0	22.51	22.60	22.59	24	0
20	16QAM	1	49	22.59	22.64	22.58		
20	16QAM	1	99	22.53	22.45	22.49		
20	16QAM	50	0	22.13	22.35	22.16	23.5	0.5
20	16QAM	50	24	22.16	22.22	22.03		
20	16QAM	50	50	22.04	22.17	22.05		
20	16QAM	100	0	21.97	22.03	21.87		
20	64QAM	1	0	22.04	22.04	22.11	23.5	0.5
20	64QAM	1	49	22.15	22.10	22.14		
20	64QAM	1	99	22.04	21.99	21.96		
20	64QAM	50	0	21.06	21.31	21.20	22.5	1.5
20	64QAM	50	24	21.08	21.16	21.05		
20	64QAM	50	50	21.07	21.17	21.14		
20	64QAM	100	0	20.85	21.04	20.88		
20	256QAM	1	0	19.16	19.36	19.20	20.5	3.5
20	256QAM	1	49	19.20	19.26	19.02		
20	256QAM	1	99	18.99	19.20	19.09		
20	256QAM	50	0	18.85	19.13	18.90	20.5	3.5
20	256QAM	50	24	19.05	19.14	19.17		
20	256QAM	50	50	19.07	19.12	19.13		
20	256QAM	100	0	19.02	18.94	19.06		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.63	22.88	22.68	24	0
15	QPSK	1	37	22.72	22.82	22.73		
15	QPSK	1	74	22.66	22.85	22.66		
15	QPSK	36	0	22.48	22.77	22.58	24	0
15	QPSK	36	20	22.56	22.55	22.34		
15	QPSK	36	39	22.51	22.52	22.45		
15	QPSK	75	0	22.29	22.46	22.27		
15	16QAM	1	0	22.41	22.55	22.41	24	0
15	16QAM	1	37	22.52	22.62	22.43		
15	16QAM	1	74	22.43	22.30	22.39		
15	16QAM	36	0	22.03	22.20	22.07	23.5	0.5
15	16QAM	36	20	22.06	22.14	21.94		
15	16QAM	36	39	21.93	22.10	21.90		
15	16QAM	75	0	21.88	21.91	21.80		
15	64QAM	1	0	21.93	21.89	21.99	23.5	0.5
15	64QAM	1	37	22.06	21.97	22.10		
15	64QAM	1	74	21.95	21.98	21.76		
15	64QAM	36	0	20.89	21.21	21.08	22.5	1.5
15	64QAM	36	20	20.90	21.11	20.99		
15	64QAM	36	39	20.91	21.09	20.98		
15	64QAM	75	0	20.72	20.80	20.78		
15	256QAM	1	0	18.99	19.30	19.10	20.5	3.5
15	256QAM	1	37	19.14	19.11	18.95		
15	256QAM	1	74	18.91	19.13	18.96		
15	256QAM	36	0	18.81	19.00	18.80	20.5	3.5
15	256QAM	36	20	18.98	19.00	19.00		
15	256QAM	36	39	18.96	19.08	19.05		
15	256QAM	75	0	18.85	18.94	18.96		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.67	22.88	22.76	24	0
10	QPSK	1	25	22.69	22.82	22.73		
10	QPSK	1	49	22.60	22.51	22.63		
10	QPSK	25	0	22.45	22.64	22.51	24	0
10	QPSK	25	12	22.58	22.58	22.46		
10	QPSK	25	25	22.49	22.58	22.50		
10	QPSK	50	0	22.22	22.45	22.21		
10	16QAM	1	0	22.37	22.56	22.43	24	0
10	16QAM	1	25	22.54	22.47	22.46		
10	16QAM	1	49	22.36	22.28	22.42		
10	16QAM	25	0	22.06	22.30	22.06	23.5	0.5
10	16QAM	25	12	22.05	22.09	21.94		
10	16QAM	25	25	21.99	22.04	21.90		
10	16QAM	50	0	22.01	21.98	21.72		
10	64QAM	1	0	21.93	21.96	22.05	23.5	0.5
10	64QAM	1	25	22.01	21.96	21.96		
10	64QAM	1	49	21.96	21.84	21.86		
10	64QAM	25	0	21.00	21.12	21.01	22.5	1.5
10	64QAM	25	12	21.01	21.02	20.91		
10	64QAM	25	25	20.90	21.04	21.04		
10	64QAM	50	0	20.71	20.77	20.79		
10	256QAM	1	0	19.08	19.19	19.14	20.5	3.5
10	256QAM	1	25	19.02	19.07	18.91		
10	256QAM	1	49	18.86	19.03	19.05		
10	256QAM	25	0	18.68	19.03	18.75	20.5	3.5
10	256QAM	25	12	18.98	19.10	19.02		
10	256QAM	25	25	18.90	18.96	19.06		
10	256QAM	50	0	18.92	18.94	18.96		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.64	22.89	22.71	24	0
5	QPSK	1	12	22.69	22.79	22.73		
5	QPSK	1	24	22.58	22.82	22.66		
5	QPSK	12	0	22.55	22.63	22.51	24	0
5	QPSK	12	7	22.44	22.62	22.44		
5	QPSK	12	13	22.47	22.54	22.45		
5	QPSK	25	0	22.26	22.45	22.23		
5	16QAM	1	0	22.38	22.49	22.54	24	0
5	16QAM	1	12	22.56	22.43	22.47		
5	16QAM	1	24	22.45	22.58	22.64		
5	16QAM	12	0	21.98	22.29	21.98	23.5	0.5
5	16QAM	12	7	22.06	22.10	21.90		
5	16QAM	12	13	21.88	21.99	21.94		
5	16QAM	25	0	21.90	22.01	21.77		
5	64QAM	1	0	21.92	21.91	22.01	23.5	0.5
5	64QAM	1	12	21.97	21.97	21.98		
5	64QAM	1	24	21.94	21.93	21.85		
5	64QAM	12	0	20.98	21.02	21.06	22.5	1.5
5	64QAM	12	7	20.91	20.99	20.95		
5	64QAM	12	13	20.98	21.00	20.96		
5	64QAM	25	0	20.87	20.92	20.76		
5	256QAM	1	0	19.08	19.29	19.05	20.5	3.5
5	256QAM	1	12	19.06	19.19	18.90		
5	256QAM	1	24	18.94	19.15	18.99		
5	256QAM	12	0	18.88	19.10	18.77	20.5	3.5
5	256QAM	12	7	18.93	19.09	19.10		
5	256QAM	12	13	19.04	19.04	19.01		
5	256QAM	25	0	18.98	18.86	18.97		
Channel				19950	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.63	22.86	22.69	24	0
3	QPSK	1	8	22.66	22.77	22.72		
3	QPSK	1	14	22.69	22.55	22.66		
3	QPSK	8	0	22.48	22.66	22.50	24	0
3	QPSK	8	4	22.55	22.64	22.47		
3	QPSK	8	7	22.52	22.49	22.41		
3	QPSK	15	0	22.30	22.51	22.40		
3	16QAM	1	0	22.33	22.54	22.53	24	0
3	16QAM	1	8	22.46	22.48	22.44		
3	16QAM	1	14	22.46	22.40	22.36		
3	16QAM	8	0	22.06	22.22	22.01	23.5	0.5
3	16QAM	8	4	22.07	22.15	21.96		
3	16QAM	8	7	21.88	22.11	21.90		
3	16QAM	15	0	21.86	21.96	21.71		
3	64QAM	1	0	21.89	21.89	22.03	23.5	0.5
3	64QAM	1	8	22.01	21.93	21.96		
3	64QAM	1	14	21.90	21.91	21.84		
3	64QAM	8	0	21.03	21.21	21.04	22.5	1.5
3	64QAM	8	4	20.90	21.06	20.93		
3	64QAM	8	7	20.90	20.98	21.04		
3	64QAM	15	0	20.76	20.97	20.74		
3	256QAM	1	0	19.07	19.27	19.08	20.5	3.5
3	256QAM	1	8	19.12	19.19	18.96		
3	256QAM	1	14	18.80	19.06	19.02		
3	256QAM	8	0	18.76	19.04	18.75	20.5	3.5
3	256QAM	8	4	19.00	19.10	19.02		
3	256QAM	8	7	18.98	18.95	19.05		
3	256QAM	15	0	18.93	18.89	19.00		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.70	22.88	22.73	24	0
1.4	QPSK	1	3	22.66	22.79	22.66		
1.4	QPSK	1	5	22.68	22.51	22.70		
1.4	QPSK	3	0	22.56	22.76	22.62		
1.4	QPSK	3	1	22.48	22.67	22.43		
1.4	QPSK	3	3	22.47	22.58	22.52		
1.4	QPSK	6	0	22.31	22.47	22.28	24	0
1.4	16QAM	1	0	22.41	22.47	22.49	24	0
1.4	16QAM	1	3	22.45	22.41	22.40		
1.4	16QAM	1	5	22.36	22.32	22.34		
1.4	16QAM	3	0	22.43	22.46	22.41		
1.4	16QAM	3	1	22.49	22.54	22.41		
1.4	16QAM	3	3	22.49	22.40	22.32		
1.4	16QAM	6	0	21.91	21.88	21.76	23.5	0.5
1.4	64QAM	1	0	21.85	21.88	21.94	23.5	0.5
1.4	64QAM	1	3	22.10	22.03	21.99		
1.4	64QAM	1	5	21.91	21.87	21.80		
1.4	64QAM	3	0	21.87	21.97	21.99		
1.4	64QAM	3	1	22.09	21.93	22.09		
1.4	64QAM	3	3	21.96	21.84	21.88		
1.4	64QAM	6	0	20.71	20.95	20.71	22.5	1.5
1.4	256QAM	1	0	19.11	19.31	19.10	20.5	3.5
1.4	256QAM	1	3	19.03	19.13	18.92		
1.4	256QAM	1	5	18.81	19.12	18.93		
1.4	256QAM	3	0	18.74	18.98	18.72		
1.4	256QAM	3	1	18.97	18.99	18.98		
1.4	256QAM	3	3	18.90	19.05	18.97		
1.4	256QAM	6	0	18.95	18.83	18.87	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.88	23.06	22.96	24	0
20	QPSK	1	49	22.89	22.95	22.89		
20	QPSK	1	99	22.81	22.91	22.76		
20	QPSK	50	0	22.80	22.97	22.76	24	0
20	QPSK	50	24	22.72	22.73	22.65		
20	QPSK	50	50	22.90	22.78	22.68		
20	QPSK	100	0	22.57	22.75	22.63		
20	16QA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.67	22.82	22.75	24	0
20	QPSK	1	49	22.75	22.72	22.80		
20	QPSK	1	99	22.66	22.72	22.70		
20	QPSK	50	0	22.65	22.82	22.64	24	0
20	QPSK	50	24	22.59	22.72	22.65		
20	QPSK	50	50	22.65	22.65	22.49		
20	QPSK	100	0	22.50	22.63	22.41		
20	16QAM	1	0	22.59	22.61	22.68	24	0
20	16QAM	1	49	22.52	22.51	22.56		
20	16QAM	1	99	22.59	22.56	22.63		
20	16QAM	50	0	21.68	21.75	21.70	23	1
20	16QAM	50	24	21.59	21.79	21.67		
20	16QAM	50	50	21.68	21.69	21.51		
20	16QAM	100	0	21.48	21.58	21.44		
20	64QAM	1	0	21.63	21.63	21.76	23	1
20	64QAM	1	49	21.50	21.44	21.53		
20	64QAM	1	99	21.56	21.57	21.68		
20	64QAM	50	0	20.61	20.89	20.69	22	2
20	64QAM	50	24	20.63	20.76	20.71		
20	64QAM	50	50	20.58	20.58	20.53		
20	64QAM	100	0	20.52	20.71	20.45		
20	256QAM	1	0	18.60	18.90	18.60	20	4
20	256QAM	1	49	18.52	18.79	18.72		
20	256QAM	1	99	18.62	18.72	18.51		
20	256QAM	50	0	18.45	18.66	18.39	20	4
20	256QAM	50	24	18.54	18.63	18.70		
20	256QAM	50	50	18.49	18.43	18.58		
20	256QAM	100	0	18.63	18.57	18.70		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.62	22.63	22.81	24	0
15	QPSK	1	37	22.70	22.64	22.67		
15	QPSK	1	74	22.53	22.57	22.52		
15	QPSK	36	0	22.45	22.73	22.45	24	0
15	QPSK	36	20	22.55	22.56	22.54		
15	QPSK	36	39	22.56	22.49	22.36		
15	QPSK	75	0	22.34	22.58	22.27		
15	16QAM	1	0	22.54	22.53	22.53	24	0
15	16QAM	1	37	22.34	22.42	22.43		
15	16QAM	1	74	22.39	22.38	22.49		
15	16QAM	36	0	21.50	21.70	21.53	23	1
15	16QAM	36	20	21.39	21.63	21.49		
15	16QAM	36	39	21.51	21.53	21.46		
15	16QAM	75	0	21.43	21.40	21.25		
15	64QAM	1	0	21.43	21.50	21.58	23	1
15	64QAM	1	37	21.33	21.31	21.43		
15	64QAM	1	74	21.45	21.42	21.61		
15	64QAM	36	0	20.45	20.74	20.64	22	2
15	64QAM	36	20	20.49	20.72	20.59		
15	64QAM	36	39	20.48	20.47	20.44		
15	64QAM	75	0	20.43	20.63	20.33		
15	256QAM	1	0	18.53	18.81	18.54	20	4
15	256QAM	1	37	18.33	18.62	18.54		
15	256QAM	1	74	18.58	18.66	18.37		
15	256QAM	36	0	18.31	18.52	18.25	20	4
15	256QAM	36	20	18.48	18.48	18.64		
15	256QAM	36	39	18.40	18.39	18.44		
15	256QAM	75	0	18.44	18.37	18.50		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.63	22.67	22.80	24	0
10	QPSK	1	25	22.56	22.65	22.62		
10	QPSK	1	49	22.61	22.64	22.53		
10	QPSK	25	0	22.57	22.75	22.48	24	0
10	QPSK	25	12	22.48	22.57	22.57		
10	QPSK	25	25	22.47	22.52	22.36		
10	QPSK	50	0	22.38	22.57	22.37		
10	16QAM	1	0	22.41	22.48	22.55	24	0
10	16QAM	1	25	22.39	22.31	22.36		
10	16QAM	1	49	22.49	22.51	22.54		
10	16QAM	25	0	21.50	21.66	21.59	23	1
10	16QAM	25	12	21.48	21.70	21.50		
10	16QAM	25	25	21.62	21.65	21.47		
10	16QAM	50	0	21.37	21.39	21.34		
10	64QAM	1	0	21.46	21.48	21.63	23	1
10	64QAM	1	25	21.46	21.39	21.38		
10	64QAM	1	49	21.44	21.38	21.59		
10	64QAM	25	0	20.53	20.82	20.52	22	2
10	64QAM	25	12	20.50	20.58	20.51		
10	64QAM	25	25	20.38	20.39	20.40		
10	64QAM	50	0	20.40	20.58	20.29		
10	256QAM	1	0	18.53	18.72	18.54	20	4
10	256QAM	1	25	18.35	18.64	18.58		
10	256QAM	1	49	18.44	18.59	18.35		
10	256QAM	25	0	18.30	18.48	18.31	20	4
10	256QAM	25	12	18.35	18.58	18.58		
10	256QAM	25	25	18.31	18.39	18.41		
10	256QAM	50	0	18.58	18.44	18.66		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.50	22.68	22.65	24	0
5	QPSK	1	12	22.64	22.64	22.74		
5	QPSK	1	24	22.47	22.53	22.60		
5	QPSK	12	0	22.56	22.74	22.48	24	0
5	QPSK	12	7	22.47	22.65	22.51		
5	QPSK	12	13	22.50	22.47	22.31		
5	QPSK	25	0	22.43	22.58	22.28		
5	16QAM	1	0	22.47	22.55	22.52	24	0
5	16QAM	1	12	22.32	22.42	22.46		
5	16QAM	1	24	22.51	22.49	22.54		
5	16QAM	12	0	21.55	21.63	21.60	23	1
5	16QAM	12	7	21.40	21.63	21.60		
5	16QAM	12	13	21.55	21.59	21.39		
5	16QAM	25	0	21.42	21.51	21.34		
5	64QAM	1	0	21.48	21.56	21.59	23	1
5	64QAM	1	12	21.44	21.39	21.40		
5	64QAM	1	24	21.39	21.38	21.53		
5	64QAM	12	0	20.47	20.71	20.52	22	2
5	64QAM	12	7	20.56	20.69	20.58		
5	64QAM	12	13	20.50	20.45	20.43		
5	64QAM	25	0	20.41	20.53	20.27		
5	256QAM	1	0	18.41	18.72	18.49	20	4
5	256QAM	1	12	18.46	18.65	18.53		
5	256QAM	1	24	18.48	18.57	18.41		
5	256QAM	12	0	18.35	18.57	18.25	20	4
5	256QAM	12	7	18.36	18.52	18.53		
5	256QAM	12	13	18.41	18.26	18.43		
5	256QAM	25	0	18.48	18.39	18.65		

Band 41 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	for IC Power Low Ch. / Freq.	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	39750	40185	40620	41055	41490		
Frequency (MHz)				2510	2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.58	22.66	22.69	22.89	22.81	22.69	24	0
20	QPSK	1	49	22.75	22.61	22.71	22.81	22.82	22.71		
20	QPSK	1	99	22.53	22.59	22.72	22.70	22.67	22.52		
20	QPSK	50	0	22.46	22.56	22.56	22.85	22.71	22.53	24	0
20	QPSK	50	24	22.51	22.50	22.63	22.61	22.66	22.43		
20	QPSK	50	50	22.52	22.51	22.54	22.61	22.55	22.42		
20	QPSK	100	0	22.39	22.49	22.39	22.69	22.36	22.25		
20	16QAM	1	0	22.48	22.52	22.52	22.68	22.69	22.62	24	0
20	16QAM	1	49	22.55	22.47	22.55	22.54	22.55	22.52		
20	16QAM	1	99	22.45	22.43	22.58	22.52	22.63	22.44		
20	16QAM	50	0	21.45	21.53	21.51	21.91	21.69	21.46	23	1
20	16QAM	50	24	21.54	21.43	21.62	21.66	21.73	21.48		
20	16QAM	50	50	21.47	21.45	21.51	21.60	21.53	21.47		
20	16QAM	100	0	21.45	21.46	21.33	21.65	21.36	21.29		
20	64QAM	1	0	21.41	21.57	21.46	21.73	21.73	21.57	23	1
20	64QAM	1	49	21.56	21.53	21.51	21.50	21.50	21.46		
20	64QAM	1	99	21.38	21.42	21.65	21.44	21.67	21.37		
20	64QAM	50	0	20.40	20.58	20.55	20.81	20.77	20.47	22	2
20	64QAM	50	24	20.54	20.42	20.69	20.64	20.67	20.48		
20	64QAM	50	50	20.47	20.51	20.54	20.69	20.53	20.44		
20	64QAM	100	0	20.33	20.47	20.35	20.73	20.42	20.25		
20	256QAM	1	0	18.42	18.59	18.54	18.81	18.66	18.46	20	4
20	256QAM	1	49	18.44	18.49	18.57	18.55	18.63	18.44		
20	256QAM	1	99	18.46	18.56	18.51	18.60	18.49	18.35		
20	256QAM	50	0	18.39	18.42	18.39	18.62	18.42	18.29	20	4
20	256QAM	50	24	18.55	18.48	18.57	18.73	18.64	18.66		
20	256QAM	50	50	18.51	18.43	18.60	18.46	18.49	18.49		
20	256QAM	100	0	18.50	18.38	18.64	18.47	18.56	18.44		
Channel				39765	39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.48	22.52	22.62	22.64	22.68	22.56	24	0
15	QPSK	1	37	22.64	22.48	22.54	22.77	22.78	22.57		
15	QPSK	1	74	22.48	22.44	22.69	22.62	22.61	22.36		
15	QPSK	36	0	22.36	22.39	22.48	22.73	22.53	22.36	24	0
15	QPSK	36	20	22.37	22.39	22.59	22.47	22.63	22.40		
15	QPSK	36	39	22.48	22.42	22.50	22.44	22.43	22.26		
15	QPSK	75	0	22.29	22.32	22.25	22.62	22.24	22.19		
15	16QAM	1	0	22.33	22.34	22.49	22.56	22.53	22.57	24	0
15	16QAM	1	37	22.49	22.40	22.42	22.51	22.47	22.47		
15	16QAM	1	74	22.39	22.36	22.49	22.41	22.51	22.30		
15	16QAM	36	0	21.27	21.35	21.41	21.74	21.55	21.35	23	1
15	16QAM	36	20	21.46	21.31	21.50	21.53	21.66	21.40		
15	16QAM	36	39	21.36	21.40	21.41	21.56	21.47	21.41		
15	16QAM	75	0	21.39	21.40	21.21	21.61	21.28	21.24		
15	64QAM	1	0	21.33	21.55	21.37	21.69	21.60	21.47	23	1
15	64QAM	1	37	21.52	21.42	21.40	21.34	21.40	21.40		
15	64QAM	1	74	21.23	21.34	21.48	21.34	21.61	21.33		
15	64QAM	36	0	20.29	20.52	20.41	20.72	20.69	20.39	22	2
15	64QAM	36	20	20.43	20.33	20.52	20.48	20.53	20.40		
15	64QAM	36	39	20.44	20.34	20.46	20.60	20.39	20.32		
15	64QAM	75	0	20.18	20.32	20.27	20.68	20.27	20.18		
15	256QAM	1	0	18.33	18.44	18.45	18.78	18.63	18.39	20	4
15	256QAM	1	37	18.33	18.32	18.46	18.50	18.48	18.31		
15	256QAM	1	74	18.41	18.47	18.33	18.42	18.40	18.33		
15	256QAM	36	0	18.27	18.31	18.26	18.49	18.29	18.19	20	4
15	256QAM	36	20	18.52	18.38	18.48	18.61	18.58	18.54		
15	256QAM	36	39	18.47	18.26	18.48	18.34	18.34	18.43		
15	256QAM	75	0	18.39	18.25	18.52	18.39	18.49	18.42		
Channel				39740	39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2501	2547	2593	2639	2685		
10	QPSK	1	0	22.46	22.53	22.55	22.75	22.71	22.64	24	0
10	QPSK	1	25	22.68	22.56	22.60	22.76	22.68	22.55		
10	QPSK	1	49	22.47	22.56	22.61	22.60	22.54	22.34		
10	QPSK	25	0	22.43	22.49	22.51	22.80	22.58	22.37	24	0
10	QPSK	25	12	22.46	22.45	22.54	22.49	22.58	22.38		
10	QPSK	25	25	22.37	22.47	22.49	22.49	22.52	22.47		
10	QPSK	50	0	22.32	22.45	22.30	22.56	22.27	22.19		
10	16QAM	1	0	22.32	22.45	22.47	22.61	22.54	22.53	24	0
10	16QAM	1	25	22.39	22.44	22.38	22.49	22.38	22.38		
10	16QAM	1	49	22.35	22.27	22.44	22.43	22.60	22.32		
10	16QAM	25	0	21.40	21.35	21.46	21.83	21.53	21.34	23	1
10	16QAM	25	12	21.46	21.36	21.44	21.55	21.61	21.36		
10	16QAM	25	25	21.39	21.46	21.42	21.46	21.37	21.41		
10	16QAM	50	0	21.32	21.37	21.20	21.51	21.28	21.16		
10	64QAM	1	0	21.24	21.54	21.41	21.65	21.70	21.51	23	1
10	64QAM	1	25	21.40	21.47	21.48	21.37	21.37	21.36		
10	64QAM	1	49	21.23	21.35	21.54	21.31	21.65	21.26		
10	64QAM	25	0	20.38	20.51	20.53	20.69	20.71	20.39	22	2
10	64QAM	25	12	20.43	20.29	20.53	20.55	20.55	20.37		
10	64QAM	25	25	20.39	20.48	20.46	20.56	20.47	20.28		
10	64QAM	50	0	20.16	20.38	20.24	20.57	20.33	20.13		
10	256QAM	1	0	18.31	18.49	18.47	18.66	18.52	18.29	20	4
10	256QAM	1	25	18.35	18.34	18.53	18.41	18.50	18.28		
10	256QAM	1	49	18.33	18.43	18.42	18.51	18.32	18.22		
10	256QAM	25	0	18.22	18.31	18.25	18.51	18.28	18.24	20	4
10	256QAM	25	12	18.45	18.37	18.49	18.68	18.54	18.58		
10	256QAM	25	25	18.47	18.38	18.55	18.32	18.32	18.34		
10	256QAM	50	0	18.47	18.25	18.54	18.35	18.52	18.34		
Channel				39715	39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.51	22.50	22.64	22.67	22.72	22.63	24	0
5	QPSK	1	12	22.64	22.50	22.68	22.78	22.72	22.64		
5	QPSK	1	24	22.44	22.49	22.60	22.52	22.63	22.38		
5	QPSK	12	0	22.43	22.43	22.48	22.79	22.63	22.43	24	0
5	QPSK	12	7	22.40	22.38	22.55	22.48	22.62	22.29		
5	QPSK	12	13	22.45	22.39	22.48	22.45	22.52	22.33		
5	QPSK	25	0	22.37	22.33	22.34	22.66	22.28	22.28		
5	16QAM	1	0	22.32	22.48	22.47	22.61	22.60	22.58	24	0
5	16QAM	1	12	22.42	22.32	22.47	22.47	22.45	22.35		
5	16QAM	1	24	22.36	22.32	22.50	22.46	22.47	22.35		
5	16QAM	12	0	21.39	21.51	21.36	21.81	21.56	21.44	23	1
5	16QAM	12	7	21.48	21.36	21.51	21.60	21.57	21.39		
5	16QAM	12	13	21.31	21.38	21.40	21.51	21.40	21.36		
5	16QAM	25	0	21.35	21.34	21.26	21.52	21.30	21.26		
5	64QAM	1	0	21.27	21.45	21.42	21.61	21.63	21.41	23	1
5	64QAM	1	12	21.44	21.40	21.47	21.38	21.46	21.37		
5	64QAM	1	24	21.28	21.24	21.51	21.26	21.57	21.23		
5	64QAM	12	0	20.32	20.55	20.48	20.67	20.70	20.29	22	2
5	64QAM	12	7	20.46	20.24	20.61	20.47	20.51	20.40		
5	64QAM	12	13	20.44	20.38	20.46	20.54	20.51	20.37		
5	64QAM	25	0	20.16	20.34	20.19	20.55	20.38	20.15		
5	256QAM	1	0	18.29	18.47	18.41	18.68	18.50	18.44	20	4
5	256QAM	1	12	18.39	18.36	18.43	18.42	18.47	18.34		
5	256QAM	1	24	18.41	18.39	18.37	18.42	18.41	18.22		
5	256QAM	12	0	18.33	18.34	18.22	18.59	18.29	18.12	20	4
5	256QAM	12	7	18.37	18.31	18.41	18.55	18.55	18.53		
5	256QAM	12	13	18.47	18.31	18.46	18.35	18.39	18.34		
5	256QAM	25	0	18.43	18.20	18.61	18.34	18.51	18.35		

Reduced Power Mode for ECI 3_Other PA

Band 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	20.69	20.77	20.69		
20	QPSK	1	49	20.67	20.60	20.75	21.8	0
20	QPSK	1	99	20.67	20.73	20.61		
20	QPSK	50	0	20.61	20.74	20.62		
20	QPSK	50	24	20.61	20.68	20.69	21.8	0
20	QPSK	50	50	20.72	20.70	20.64		
20	QPSK	100	0	20.66	20.67	20.59		
20	16QAM	1	0	20.74	20.65	20.59		
20	16QAM	1	49	20.66	20.66	20.63	21.8	0
20	16QAM	1	99	20.62	20.62	20.65		
20	16QAM	50	0	20.63	20.68	20.71		
20	16QAM	50	24	20.61	20.62	20.70	21.8	0
20	16QAM	50	50	20.61	20.63	20.74		
20	16QAM	100	0	20.74	20.64	20.66		
20	64QAM	1	0	20.67	20.70	20.67		
20	64QAM	1	49	20.63	20.63	20.74	21.8	0
20	64QAM	1	99	20.66	20.62	20.59		
20	64QAM	50	0	20.66	20.65	20.61		
20	64QAM	50	24	20.64	20.69	20.70	21	0.8
20	64QAM	50	50	20.62	20.68	20.68		
20	64QAM	100	0	20.74	20.63	20.66		
20	256QAM	1	0	17.69	17.90	17.63		
20	256QAM	1	49	17.41	17.51	17.64	19	2.8
20	256QAM	1	99	17.64	17.74	17.57		
20	256QAM	50	0	17.49	17.68	17.39		
20	256QAM	50	24	17.55	17.52	17.56	19	2.8
20	256QAM	50	50	17.37	17.54	17.48		
20	256QAM	100	0	17.41	17.55	17.53		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.65	20.75	20.55		
15	QPSK	1	37	20.64	20.45	20.63	21.8	0
15	QPSK	1	74	20.55	20.63	20.52		
15	QPSK	36	0	20.55	20.62	20.47		
15	QPSK	36	20	20.50	20.57	20.59	21.8	0
15	QPSK	36	39	20.65	20.67	20.56		
15	QPSK	75	0	20.58	20.61	20.51		
15	16QAM	1	0	20.60	20.50	20.55		
15	16QAM	1	37	20.53	20.57	20.54	21.8	0
15	16QAM	1	74	20.58	20.48	20.48		
15	16QAM	36	0	20.53	20.66	20.57		
15	16QAM	36	20	20.52	20.56	20.62	21.8	0
15	16QAM	36	39	20.54	20.49	20.54		
15	16QAM	75	0	20.66	20.57	20.56		
15	64QAM	1	0	20.62	20.53	20.60		
15	64QAM	1	37	20.55	20.53	20.58	21.8	0
15	64QAM	1	74	20.55	20.57	20.56		
15	64QAM	36	0	20.58	20.62	20.54		
15	64QAM	36	20	20.49	20.66	20.60	21	0.8
15	64QAM	36	39	20.44	20.60	20.63		
15	64QAM	75	0	20.70	20.50	20.50		
15	256QAM	1	0	17.63	17.85	17.61		
15	256QAM	1	37	17.49	17.54	17.63	19	2.8
15	256QAM	1	74	17.58	17.69	17.49		
15	256QAM	36	0	17.43	17.70	17.48		
15	256QAM	36	20	17.54	17.56	17.59	19	2.8
15	256QAM	36	39	17.47	17.59	17.54		
15	256QAM	75	0	17.43	17.63	17.47		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.57	20.65	20.56		
10	QPSK	1	25	20.51	20.46	20.62	21.8	0
10	QPSK	1	49	20.61	20.56	20.58		
10	QPSK	25	0	20.51	20.56	20.46		
10	QPSK	25	12	20.56	20.53	20.66	21.8	0
10	QPSK	25	25	20.70	20.62	20.58		
10	QPSK	50	0	20.58	20.56	20.54		
10	16QAM	1	0	20.71	20.49	20.43		
10	16QAM	1	25	20.56	20.55	20.46	21.8	0
10	16QAM	1	49	20.60	20.46	20.50		
10	16QAM	25	0	20.59	20.59	20.63		
10	16QAM	25	12	20.43	20.46	20.55	21.8	0
10	16QAM	25	25	20.50	20.51	20.55		
10	16QAM	50	0	20.60	20.54	20.50		
10	64QAM	1	0	20.58	20.64	20.58		
10	64QAM	1	25	20.59	20.46	20.59	21.8	0
10	64QAM	1	49	20.49	20.47	20.53		
10	64QAM	25	0	20.50	20.51	20.51		
10	64QAM	25	12	20.53	20.61	20.52	21	0.8
10	64QAM	25	25	20.53	20.62	20.60		
10	64QAM	50	0	20.66	20.56	20.52		
10	256QAM	1	0	17.57	17.82	17.56		
10	256QAM	1	25	17.44	17.68	17.68	19	2.8
10	256QAM	1	49	17.57	17.64	17.58		
10	256QAM	25	0	17.53	17.61	17.50		
10	256QAM	25	12	17.49	17.55	17.66	19	2.8
10	256QAM	25	25	17.36	17.48	17.59		
10	256QAM	50	0	17.46	17.70	17.50		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.63	20.63	20.65		
5	QPSK	1	12	20.56	20.55	20.65	21.8	0
5	QPSK	1	24	20.51	20.70	20.57		
5	QPSK	12	0	20.52	20.57	20.54		
5	QPSK	12	7	20.51	20.56	20.52	21.8	0
5	QPSK	12	13	20.58	20.65	20.57		
5	QPSK	25	0	20.63	20.58	20.47		
5	16QAM	1	0	20.61	20.57	20.43		
5	16QAM	1	12	20.60	20.55	20.51	21.8	0
5	16QAM	1	24	20.53	20.61	20.48		
5	16QAM	12	0	20.58	20.59	20.64		
5	16QAM	12	7	20.49	20.48	20.68	21.8	0
5	16QAM	12	13	20.49	20.50	20.46		
5	16QAM	25	0	20.68	20.62	20.48		
5	64QAM	1	0	20.60	20.59	20.52		
5	64QAM	1	12	20.54	20.52	20.72	21.8	0
5	64QAM	1	24	20.51	20.51	20.47		
5	64QAM	12	0	20.57	20.53	20.53		
5	64QAM	12	7	20.58	20.56	20.56	21	0.8
5	64QAM	12	13	20.60	20.51	20.58		
5	64QAM	25	0	20.64	20.59	20.57		
5	256QAM	1	0	17.60	17.84	17.65		
5	256QAM	1	12	17.53	17.51	17.62	19	2.8
5	256QAM	1	24	17.59	17.75	17.53		
5	256QAM	12	0	17.45	17.63	17.39		
5	256QAM	12	7	17.50	17.55	17.55	19	2.8
5	256QAM	12	13	17.42	17.52	17.52		
5	256QAM	25	0	17.44	17.69	17.53		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.59	20.62	20.64		
3	QPSK	1	8	20.58	20.55	20.61	21.8	0
3	QPSK	1	14	20.64	20.71	20.58		
3	QPSK	8	0	20.47	20.67	20.49		
3	QPSK	8	4	20.44	20.51	20.52	21.8	0
3	QPSK	8	7	20.61	20.64	20.50		
3	QPSK	15	0	20.52	20.63	20.49		
3	16QAM	1	0	20.58	20.50	20.46		
3	16QAM	1	8	20.61	20.51	20.55	21.8	0
3	16QAM	1	14	20.53	20.47	20.57		
3	16QAM	8	0	20.55	20.63	20.56		
3	16QAM	8	4	20.58	20.58	20.67	21.8	0
3	16QAM	8	7	20.47	20.61	20.44		
3	16QAM	15	0	20.63	20.49	20.63		
3	64QAM	1	0	20.59	20.65	20.55		
3	64QAM	1	8	20.59	20.55	20.66	21.8	0
3	64QAM	1	14	20.52	20.56	20.45		
3	64QAM	8	0	20.57	20.53	20.59		
3	64QAM	8	4	20.53	20.65	20.52	21	0.8
3	64QAM	8	7	20.47	20.60	20.64		
3	64QAM	15	0	20.69	20.58	20.64		
3	256QAM	1	0	17.71	17.86	17.70		
3	256QAM	1	8	17.39	17.50	17.58	19	2.8
3	256QAM	1	14	17.59	17.74	17.52		
3	256QAM	8	0	17.52	17.61	17.40		
3	256QAM	8	4	17.53	17.52	17.66	19	2.8
3	256QAM	8	7	17.35	17.53	17.61		
3	256QAM	15	0	17.47	17.67	17.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.60	20.73	20.62		
1.4	QPSK	1	3	20.65	20.51	20.67		
1.4	QPSK	1	5	20.60	20.59	20.49	21.8	0
1.4	QPSK	3	0	20.58	20.56	20.47		
1.4	QPSK	3	1	20.52	20.64	20.55		
1.4	QPSK	3	3	20.64	20.64	20.46		
1.4	QPSK	6	0	20.60	20.51	20.51	21.8	0
1.4	16QAM	1	0	20.67	20.59	20.45		
1.4	16QAM	1	3	20.51	20.63	20.47		
1.4	16QAM	1	5	20.56	20.53	20.58	21.8	0
1.4	16QAM	3	0	20.48	20.53	20.64		
1.4	16QAM	3	1	20.46	20.55	20.53		
1.4	16QAM	3	3	20.59	20.61	20.51		
1.4	16QAM	6	0	20.59	20.49	20.55	21.8	0
1.4	64QAM	1	0	20.49	20.58	20.64		
1.4	64QAM	1	3	20.45	20.53	20.63		
1.4	64QAM	1	5	20.52	20.46	20.52	21.8	0
1.4	64QAM	3	0	20.55	20.60	20.44		
1.4	64QAM	3	1	20.57	20.67	20.59		
1.4	64QAM	3	3	20.48	20.52	20.59		
1.4	64QAM	6	0	20.66	20.53	20.63	21	0.8
1.4	256QAM	1	0	17.65	17.79	17.67		
1.4	256QAM	1	3	17.55	17.42	17.70		
1.4	256QAM	1	5	17.59	17.72	17.46	19	2.8
1.4	256QAM	3	0	17.47	17.60	17.49		
1.4	256QAM	3	1	17.44	17.61	17.64		
1.4	256QAM	3	3	17.46	17.63	17.62		
1.4	256QAM	6	0	17.47	17.68	17.51	19	2.8

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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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.56	19.61	19.51		
20	QPSK	1	49	19.49	19.59	19.58	20.6	0
20	QPSK	1	99	19.51	19.52	19.50		
20	QPSK	50	0	19.56	19.60	19.47		
20	QPSK	50	24	19.53	19.49	19.54	20.6	0
20	QPSK	50	50	19.48	19.54	19.52		
20	QPSK	100	0	19.53	19.59	19.58		
20	16QAM	1	0	19.55	19.55	19.60		
20	16QAM	1	49	19.48	19.56	19.51	20.6	0
20	16QAM	1	99	19.56	19.47	19.53		
20	16QAM	50	0	19.49	19.58	19.54		
20	16QAM	50	24	19.54	19.48	19.52	20.6	0
20	16QAM	50	50	19.52	19.48	19.60		
20	16QAM	100	0	19.50	19.53	19.55		
20	64QAM	1	0	19.46	19.48	19.50		
20	64QAM	1	49	19.49	19.59	19.48	20.6	0
20	64QAM	1	99	19.60	19.56	19.48		
20	64QAM	50	0	19.52	19.51	19.46		
20	64QAM	50	24	19.57	19.52	19.55	20.6	0
20	64QAM	50	50	19.53	19.49	19.50		
20	64QAM	100	0	19.60	19.59	19.49		
20	256QAM	1	0	17.94	17.95	17.94		
20	256QAM	1	49	17.85	18.06	17.94	19	1.6
20	256QAM	1	99	17.98	17.90	17.97		
20	256QAM	50	0	17.88	18.07	17.90		
20	256QAM	50	24	18.00	17.81	17.94	19	1.6
20	256QAM	50	50	17.92	17.97	17.86		
20	256QAM	100	0	17.92	17.95	18.02		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.47	19.49	19.49		
15	QPSK	1	37	19.46	19.50	19.48	20.6	0
15	QPSK	1	74	19.48	19.45	19.46		
15	QPSK	36	0	19.43	19.51	19.37		
15	QPSK	36	20	19.38	19.31	19.43	20.6	0
15	QPSK	36	39	19.45	19.50	19.42		
15	QPSK	75	0	19.44	19.43	19.46		
15	16QAM	1	0	19.49	19.49	19.43		
15	16QAM	1	37	19.42	19.47	19.46	20.6	0
15	16QAM	1	74	19.43	19.38	19.37		
15	16QAM	36	0	19.35	19.45	19.51		
15	16QAM	36	20	19.51	19.31	19.37	20.6	0
15	16QAM	36	39	19.37	19.40	19.33		
15	16QAM	75	0	19.33	19.45	19.41		
15	64QAM	1	0	19.38	19.44	19.37		
15	64QAM	1	37	19.43	19.43	19.40	20.6	0
15	64QAM	1	74	19.44	19.43	19.34		
15	64QAM	36	0	19.36	19.49	19.31		
15	64QAM	36	20	19.40	19.57	19.44	20.6	0
15	64QAM	36	39	19.50	19.32	19.47		
15	64QAM	75	0	19.49	19.56	19.40		
15	256QAM	1	0	17.88	17.93	17.93		
15	256QAM	1	37	17.83	18.06	17.97	19	1.6
15	256QAM	1	74	17.88	17.93	17.86		
15	256QAM	36	0	17.97	18.07	17.87		
15	256QAM	36	20	17.98	17.93	17.87	19	1.6
15	256QAM	36	39	17.90	17.90	17.91		
15	256QAM	75	0	17.88	17.93	18.00		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.53	19.50	19.37		
10	QPSK	1	25	19.31	19.47	19.53	20.6	0
10	QPSK	1	49	19.44	19.37	19.48		
10	QPSK	25	0	19.44	19.52	19.34		
10	QPSK	25	12	19.39	19.45	19.43	20.6	0
10	QPSK	25	25	19.44	19.48	19.40		
10	QPSK	50	0	19.46	19.37	19.48		
10	16QAM	1	0	19.49	19.39	19.45		
10	16QAM	1	25	19.38	19.47	19.46	20.6	0
10	16QAM	1	49	19.45	19.31	19.39		
10	16QAM	25	0	19.44	19.53	19.51		
10	16QAM	25	12	19.36	19.41	19.42	20.6	0
10	16QAM	25	25	19.48	19.39	19.41		
10	16QAM	50	0	19.42	19.47	19.40		
10	64QAM	1	0	19.30	19.44	19.37		
10	64QAM	1	25	19.43	19.42	19.39	20.6	0
10	64QAM	1	49	19.46	19.33	19.34		
10	64QAM	25	0	19.47	19.57	19.43		
10	64QAM	25	12	19.53	19.54	19.41	20.6	0
10	64QAM	25	25	19.36	19.34	19.43		
10	64QAM	50	0	19.52	19.51	19.39		
10	256QAM	1	0	17.93	17.99	17.94		
10	256QAM	1	25	17.82	18.00	17.98	19	1.6
10	256QAM	1	49	17.92	17.91	17.93		
10	256QAM	25	0	17.93	17.99	17.94		
10	256QAM	25	12	17.88	17.81	17.95	19	1.6
10	256QAM	25	25	17.82	17.95	17.87		
10	256QAM	50	0	17.99	17.96	17.99		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.39	19.53	19.47		
5	QPSK	1	12	19.32	19.50	19.54	20.6	0
5	QPSK	1	24	19.48	19.37	19.39		
5	QPSK	12	0	19.39	19.56	19.30		
5	QPSK	12	7	19.41	19.32	19.37	20.6	0
5	QPSK	12	13	19.46	19.43	19.35		
5	QPSK	25	0	19.48	19.44	19.42		
5	16QAM	1	0	19.51	19.48	19.48		
5	16QAM	1	12	19.36	19.51	19.41	20.6	0
5	16QAM	1	24	19.44	19.40	19.40		
5	16QAM	12	0	19.44	19.50	19.50		
5	16QAM	12	7	19.45	19.41	19.49	20.6	0
5	16QAM	12	13	19.49	19.42	19.33		
5	16QAM	25	0	19.33	19.50	19.47		
5	64QAM	1	0	19.40	19.50	19.47		
5	64QAM	1	12	19.40	19.45	19.42	20.6	0
5	64QAM	1	24	19.49	19.35	19.31		
5	64QAM	12	0	19.40	19.55	19.32		
5	64QAM	12	7	19.51	19.41	19.41	20.6	0
5	64QAM	12	13	19.46	19.38	19.41		
5	64QAM	25	0	19.54	19.52	19.31		
5	256QAM	1	0	17.91	17.98	17.92		
5	256QAM	1	12	17.91	17.97	17.90	19	1.6
5	256QAM	1	24	17.93	17.91	17.88		
5	256QAM	12	0	17.97	17.96	17.91		
5	256QAM	12	7	17.95	17.96	17.95	19	1.6
5	256QAM	12	13	17.86	17.96	17.97		
5	256QAM	25	0	17.90	17.93	18.00		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.44	19.47	19.36		
3	QPSK	1	8	19.45	19.54	19.50	20.6	0
3	QPSK	1	14	19.56	19.42	19.46		
3	QPSK	8	0	19.53	19.55	19.43		
3	QPSK	8	4	19.44	19.38	19.38	20.6	0
3	QPSK	8	7	19.43	19.42	19.35		
3	QPSK	15	0	19.43	19.44	19.53		
3	16QAM	1	0	19.37	19.50	19.49		
3	16QAM	1	8	19.38	19.41	19.48	20.6	0
3	16QAM	1	14	19.42	19.54	19.41		
3	16QAM	8	0	19.34	19.52	19.39		
3	16QAM	8	4	19.39	19.34	19.49	20.6	0
3	16QAM	8	7	19.37	19.40	19.32		
3	16QAM	15	0	19.42	19.42	19.42		
3	64QAM	1	0	19.44	19.33	19.41		
3	64QAM	1	8	19.37	19.46	19.42	20.6	0
3	64QAM	1	14	19.56	19.37	19.41		
3	64QAM	8	0	19.47	19.46	19.38		
3	64QAM	8	4	19.41	19.51	19.53	20.6	0
3	64QAM	8	7	19.42	19.35	19.42		
3	64QAM	15	0	19.56	19.47	19.47		
3	256QAM	1	0	17.99	18.13	17.95		
3	256QAM	1	8	17.93	18.04	18.00	19	1.6
3	256QAM	1	14	17.92	17.88	17.95		
3	256QAM	8	0	18.02	18.01	17.84		
3	256QAM	8	4	17.91	17.96	17.92	19	1.6
3	256QAM	8	7	17.86	17.95	17.93		
3	256QAM	15	0	17.91	18.03	17.91		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.47	19.47	19.37		
1.4	QPSK	1	3	19.36	19.42	19.48		
1.4	QPSK	1	5	19.51	19.45	19.32	20.6	0
1.4	QPSK	3	0	19.51	19.53	19.37		
1.4	QPSK	3	1	19.37	19.34	19.48		
1.4	QPSK	3	3	19.33	19.38	19.35		
1.4	QPSK	6	0	19.49	19.57	19.56	20.6	0
1.4	16QAM	1	0	19.47	19.45	19.48		
1.4	16QAM	1	3	19.39	19.53	19.33		
1.4	16QAM	1	5	19.50	19.35	19.38	20.6	0
1.4	16QAM	3	0	19.38	19.47	19.46		
1.4	16QAM	3	1	19.37	19.41	19.49		
1.4	16QAM	3	3	19.40	19.41	19.43		
1.4	16QAM	6	0	19.46	19.48	19.52	20.6	0
1.4	64QAM	1	0	19.30	19.41	19.42		
1.4	64QAM	1	3	19.40	19.51	19.44		
1.4	64QAM	1	5	19.55	19.41	19.43	20.6	0
1.4	64QAM	3	0	19.38	19.51	19.34		
1.4	64QAM	3	1	19.44	19.56	19.50		
1.4	64QAM	3	3	19.36	19.32	19.37		
1.4	64QAM	6	0	19.45	19.48	19.40	20.6	0
1.4	256QAM	1	0	17.91	18.03	17.91		
1.4	256QAM	1	3	17.97	18.06	18.05		
1.4	256QAM	1	5	17.90	17.91	17.83	19	1.6
1.4	256QAM	3	0	17.88	17.97	17.95		
1.4	256QAM	3	1	17.99	17.90	17.94		
1.4	256QAM	3	3	17.80	17.96	17.93		
1.4	256QAM	6	0	17.88	17.92	17.94	19	1.6

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BW [MHz]	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	18.31	18.56	18.32		
20	QPSK	1	49	18.39	18.36	18.49	19.6	0
20	QPSK	1	99	18.45	18.45	18.43		
20	QPSK	50	0	18.43	18.52	18.36		
20	QPSK	50	24	18.40	18.38	18.41	19.6	0
20	QPSK	50	50	18.44	18.37	18.43		
20	QPSK	100	0	18.30	18.37	18.36		
20	16QAM	1	0	18.44	18.49	18.45		
20	16QAM	1	49

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.67	22.82	22.75	24	0
20	QPSK	1	49	22.75	22.72	22.80		
20	QPSK	1	99	22.66	22.72	22.70		
20	QPSK	50	0	22.65	22.82	22.64	24	0
20	QPSK	50	24	22.59	22.72	22.65		
20	QPSK	50	50	22.65	22.65	22.49		
20	QPSK	100	0	22.50	22.63	22.41		
20	16QAM	1	0	22.59	22.61	22.68	24	0
20	16QAM	1	49	22.52	22.51	22.56		
20	16QAM	1	99	22.59	22.56	22.63		
20	16QAM	50	0	21.68	21.75	21.70	23	1
20	16QAM	50	24	21.59	21.79	21.67		
20	16QAM	50	50	21.68	21.69	21.51		
20	16QAM	100	0	21.48	21.58	21.44		
20	64QAM	1	0	21.63	21.63	21.76	23	1
20	64QAM	1	49	21.50	21.44	21.53		
20	64QAM	1	99	21.56	21.57	21.68		
20	64QAM	50	0	20.61	20.89	20.69	22	2
20	64QAM	50	24	20.63	20.76	20.71		
20	64QAM	50	50	20.58	20.58	20.53		
20	64QAM	100	0	20.52	20.71	20.45		
20	256QAM	1	0	18.60	18.90	18.60	20	4
20	256QAM	1	49	18.52	18.79	18.72		
20	256QAM	1	99	18.62	18.72	18.51		
20	256QAM	50	0	18.45	18.66	18.39	20	4
20	256QAM	50	24	18.54	18.63	18.70		
20	256QAM	50	50	18.49	18.43	18.58		
20	256QAM	100	0	18.63	18.57	18.70		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.62	22.63	22.81	24	0
15	QPSK	1	37	22.70	22.64	22.67		
15	QPSK	1	74	22.53	22.57	22.52		
15	QPSK	36	0	22.45	22.73	22.45	24	0
15	QPSK	36	20	22.55	22.56	22.54		
15	QPSK	36	39	22.56	22.49	22.36		
15	QPSK	75	0	22.34	22.58	22.27		
15	16QAM	1	0	22.54	22.53	22.53	24	0
15	16QAM	1	37	22.34	22.42	22.43		
15	16QAM	1	74	22.39	22.38	22.49		
15	16QAM	36	0	21.50	21.70	21.53	23	1
15	16QAM	36	20	21.39	21.63	21.49		
15	16QAM	36	39	21.51	21.53	21.46		
15	16QAM	75	0	21.43	21.40	21.25		
15	64QAM	1	0	21.43	21.50	21.58	23	1
15	64QAM	1	37	21.33	21.31	21.43		
15	64QAM	1	74	21.45	21.42	21.61		
15	64QAM	36	0	20.45	20.74	20.64	22	2
15	64QAM	36	20	20.49	20.72	20.59		
15	64QAM	36	39	20.48	20.47	20.44		
15	64QAM	75	0	20.43	20.63	20.33		
15	256QAM	1	0	18.53	18.81	18.54	20	4
15	256QAM	1	37	18.33	18.62	18.54		
15	256QAM	1	74	18.58	18.66	18.37		
15	256QAM	36	0	18.31	18.52	18.25	20	4
15	256QAM	36	20	18.48	18.48	18.64		
15	256QAM	36	39	18.40	18.39	18.44		
15	256QAM	75	0	18.44	18.37	18.50		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.63	22.67	22.80	24	0
10	QPSK	1	25	22.56	22.65	22.62		
10	QPSK	1	49	22.61	22.64	22.53		
10	QPSK	25	0	22.57	22.75	22.48	24	0
10	QPSK	25	12	22.48	22.57	22.57		
10	QPSK	25	25	22.47	22.52	22.36		
10	QPSK	50	0	22.38	22.57	22.37		
10	16QAM	1	0	22.41	22.48	22.55	24	0
10	16QAM	1	25	22.39	22.31	22.36		
10	16QAM	1	49	22.49	22.51	22.54		
10	16QAM	25	0	21.50	21.66	21.59	23	1
10	16QAM	25	12	21.48	21.70	21.50		
10	16QAM	25	25	21.62	21.65	21.47		
10	16QAM	50	0	21.37	21.39	21.34		
10	64QAM	1	0	21.46	21.48	21.63	23	1
10	64QAM	1	25	21.46	21.39	21.38		
10	64QAM	1	49	21.44	21.38	21.59		
10	64QAM	25	0	20.53	20.82	20.52	22	2
10	64QAM	25	12	20.50	20.58	20.51		
10	64QAM	25	25	20.38	20.39	20.40		
10	64QAM	50	0	20.40	20.58	20.29		
10	256QAM	1	0	18.53	18.72	18.54	20	4
10	256QAM	1	25	18.35	18.64	18.58		
10	256QAM	1	49	18.44	18.59	18.35		
10	256QAM	25	0	18.30	18.48	18.31	20	4
10	256QAM	25	12	18.35	18.58	18.58		
10	256QAM	25	25	18.31	18.39	18.41		
10	256QAM	50	0	18.58	18.44	18.66		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.50	22.68	22.65	24	0
5	QPSK	1	12	22.64	22.64	22.74		
5	QPSK	1	24	22.47	22.53	22.60		
5	QPSK	12	0	22.56	22.74	22.48	24	0
5	QPSK	12	7	22.47	22.65	22.51		
5	QPSK	12	13	22.50	22.47	22.31		
5	QPSK	25	0	22.43	22.58	22.28		
5	16QAM	1	0	22.47	22.55	22.52	24	0
5	16QAM	1	12	22.32	22.42	22.46		
5	16QAM	1	24	22.51	22.49	22.54		
5	16QAM	12	0	21.55	21.63	21.60	23	1
5	16QAM	12	7	21.40	21.63	21.60		
5	16QAM	12	13	21.55	21.59	21.39		
5	16QAM	25	0	21.42	21.51	21.34		
5	64QAM	1	0	21.48	21.56	21.59	23	1
5	64QAM	1	12	21.44	21.39	21.40		
5	64QAM	1	24	21.39	21.38	21.53		
5	64QAM	12	0	20.47	20.71	20.52	22	2
5	64QAM	12	7	20.56	20.69	20.58		
5	64QAM	12	13	20.50	20.45	20.43		
5	64QAM	25	0	20.41	20.53	20.27		
5	256QAM	1	0	18.41	18.72	18.49	20	4
5	256QAM	1	12	18.46	18.65	18.53		
5	256QAM	1	24	18.48	18.57	18.41		
5	256QAM	12	0	18.35	18.57	18.25	20	4
5	256QAM	12	7	18.36	18.52	18.53		
5	256QAM	12	13	18.41	18.26	18.43		
5	256QAM	25	0	18.48	18.39	18.65		

Band 41 Ant1

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	22.66	22.69	22.89	22.81	22.69	24	0
20	QPSK	1	49	22.61	22.71	22.81	22.82	22.71		
20	QPSK	1	99	22.59	22.72	22.70	22.67	22.52		
20	QPSK	50	0	22.56	22.56	22.85	22.71	22.53	24	0
20	QPSK	50	24	22.50	22.63	22.61	22.66	22.43		
20	QPSK	50	50	22.51	22.54	22.61	22.55	22.42		
20	QPSK	100	0	22.49	22.39	22.69	22.36	22.25		
20	16QAM	1	0	22.52	22.52	22.68	22.69	22.62	24	0
20	16QAM	1	49	22.47	22.55	22.54	22.55	22.52		
20	16QAM	1	99	22.43	22.58	22.52	22.63	22.44		
20	16QAM	50	0	21.53	21.51	21.91	21.69	21.46	23	1
20	16QAM	50	24	21.43	21.62	21.66	21.73	21.48		
20	16QAM	50	50	21.45	21.51	21.60	21.53	21.47		
20	16QAM	100	0	21.46	21.33	21.65	21.36	21.29		
20	64QAM	1	0	21.57	21.46	21.73	21.73	21.57	23	1
20	64QAM	1	49	21.53	21.51	21.50	21.50	21.46		
20	64QAM	1	99	21.42	21.65	21.44	21.67	21.37		
20	64QAM	50	0	20.58	20.55	20.81	20.77	20.47	22	2
20	64QAM	50	24	20.42	20.69	20.64	20.67	20.48		
20	64QAM	50	50	20.51	20.54	20.69	20.53	20.44		
20	64QAM	100	0	20.47	20.35	20.73	20.42	20.25		
20	256QAM	1	0	18.59	18.54	18.81	18.66	18.46	20	4
20	256QAM	1	49	18.49	18.57	18.55	18.63	18.44		
20	256QAM	1	99	18.56	18.51	18.60	18.49	18.35		
20	256QAM	50	0	18.42	18.39	18.62	18.42	18.29	20	4
20	256QAM	50	24	18.48	18.57	18.73	18.64	18.66		
20	256QAM	50	50	18.43	18.60	18.46	18.49	18.49		
20	256QAM	100	0	18.38	18.64	18.47	18.56	18.44		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.1	2593	2637.8	2682.5		
15	QPSK	1	0	22.52	22.62	22.64	22.68	22.56	24	0
15	QPSK	1	37	22.48	22.54	22.77	22.78	22.57		
15	QPSK	1	74	22.44	22.69	22.62	22.61	22.36		
15	QPSK	36	0	22.39	22.48	22.73	22.53	22.36	24	0
15	QPSK	36	20	22.39	22.59	22.47	22.63	22.40		
15	QPSK	36	39	22.42	22.50	22.44	22.43	22.26		
15	QPSK	75	0	22.32	22.25	22.62	22.24	22.19		
15	16QAM	1	0	22.34	22.49	22.56	22.53	22.57	24	0
15	16QAM	1	37	22.40	22.42	22.51	22.47	22.47		
15	16QAM	1	74	22.36	22.49	22.41	22.51	22.30		
15	16QAM	36	0	21.35	21.41	21.74	21.55	21.35	23	1
15	16QAM	36	20	21.31	21.50	21.53	21.66	21.40		
15	16QAM	36	39	21.40	21.41	21.56	21.47	21.41		
15	16QAM	75	0	21.40	21.21	21.61	21.28	21.24		
15	64QAM	1	0	21.55	21.37	21.69	21.60	21.47	23	1
15	64QAM	1	37	21.42	21.40	21.34	21.40	21.40		
15	64QAM	1	74	21.34	21.48	21.34	21.61	21.33		
15	64QAM	36	0	20.52	20.41	20.72	20.69	20.39	22	2
15	64QAM	36	20	20.33	20.52	20.48	20.53	20.40		
15	64QAM	36	39	20.34	20.46	20.60	20.39	20.32		
15	64QAM	75	0	20.32	20.27	20.68	20.27	20.18		
15	256QAM	1	0	18.44	18.45	18.78	18.63	18.39	20	4
15	256QAM	1	37	18.32	18.46	18.50	18.48	18.31		
15	256QAM	1	74	18.47	18.33	18.42	18.40	18.33		
15	256QAM	36	0	18.31	18.26	18.49	18.29	18.19	20	4
15	256QAM	36	20	18.38	18.48	18.61	18.58	18.54		
15	256QAM	36	39	18.26	18.48	18.34	18.34	18.43		
15	256QAM	75	0	18.25	18.52	18.39	18.49	18.42		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.53	22.55	22.75	22.71	22.64	24	0
10	QPSK	1	25	22.56	22.60	22.76	22.68	22.55		
10	QPSK	1	49	22.56	22.61	22.60	22.54	22.34		
10	QPSK	25	0	22.49	22.51	22.80	22.58	22.37	24	0
10	QPSK	25	12	22.45	22.54	22.49	22.58	22.38		
10	QPSK	25	25	22.47	22.49	22.49	22.52	22.47		
10	QPSK	50	0	22.45	22.30	22.56	22.27	22.19		
10	16QAM	1	0	22.45	22.47	22.61	22.54	22.53	24	0
10	16QAM	1	25	22.44	22.38	22.49	22.38	22.38		
10	16QAM	1	49	22.27	22.44	22.43	22.60	22.32		
10	16QAM	25	0	21.35	21.46	21.83	21.53	21.34	23	1
10	16QAM	25	12	21.36	21.44	21.55	21.61	21.36		
10	16QAM	25	25	21.46	21.42	21.46	21.37	21.41		
10	16QAM	50	0	21.37	21.20	21.51	21.28	21.16		
10	64QAM	1	0	21.54	21.41	21.65	21.70	21.51	23	1
10	64QAM	1	25	21.47	21.48	21.37	21.37	21.36		
10	64QAM	1	49	21.35	21.54	21.31	21.65	21.26		
10	64QAM	25	0	20.51	20.53	20.69	20.71	20.39	22	2
10	64QAM	25	12	20.29	20.57	20.55	20.55	20.37		
10	64QAM	25	25	20.48	20.46	20.56	20.47	20.28		
10	64QAM	50	0	20.38	20.24	20.57	20.33	20.13		
10	256QAM	1	0	18.49	18.47	18.66	18.52	18.29	20	4
10	256QAM	1	25	18.34	18.53	18.41	18.50	18.28		
10	256QAM	1	49	18.43	18.42	18.51	18.32	18.22		
10	256QAM	25	0	18.31	18.25	18.51	18.28	18.24	20	4
10	256QAM	25	12	18.37	18.49	18.68	18.54	18.58		
10	256QAM	25	25	18.38	18.55	18.32	18.32	18.34		
10	256QAM	50	0	18.25	18.54	18.35	18.52	18.34		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.50	22.64	22.67	22.72	22.63	24	0
5	QPSK	1	12	22.50	22.68	22.78	22.72	22.64		
5	QPSK	1	24	22.49	22.60	22.52	22.63	22.38		
5	QPSK	12	0	22.43	22.48	22.79	22.63	22.43	24	0
5	QPSK	12	7	22.38	22.55	22.48	22.62	22.29		
5	QPSK	12	13	22.39	22.48	22.45	22.52	22.33		
5	QPSK	25	0	22.33	22.34	22.66	22.28	22.28		
5	16QAM	1	0	22.48	22.47	22.61	22.60	22.58	24	0
5	16QAM	1	12	22.32	22.47	22.47	22.45	22.35		
5	16QAM	1	24	22.32	22.50	22.46	22.47	22.35		
5	16QAM	12	0	21.51	21.36	21.81	21.56	21.44	23	1
5	16QAM	12	7	21.36	21.51	21.60	21.57	21.39		
5	16QAM	12	13	21.38	21.40	21.51	21.40	21.36		
5	16QAM	25	0	21.34	21.26	21.52	21.30	21.26		
5	64QAM	1	0	21.45	21.42	21.61	21.63	21.41	23	1
5	64QAM	1	12	21.40	21.47	21.38	21.46	21.37		
5	64QAM	1	24	21.24	21.51	21.26	21.57	21.23		
5	64QAM	12	0	20.55	20.48	20.67	20.70	20.29	22	2
5	64QAM	12	7	20.24	20.61	20.47	20.51	20.40		
5	64QAM	12	13	20.38	20.46	20.54	20.51	20.37		
5	64QAM	25	0	20.34	20.19	20.55	20.38	20.15		
5	256QAM	1	0	18.47	18.41	18.68	18.50	18.44	20	4
5	256QAM	1	12	18.36	18.43	18.42	18.47	18.34		
5	256QAM	1	24	18.39	18.37	18.42	18.41	18.22		
5	256QAM	12	0	18.34	18.22	18.59	18.29	18.12	20	4
5	256QAM	12	7	18.31	18.41	18.55	18.55	18.53		
5	256QAM	12	13	18.31	18.46	18.35	18.39	18.34		
5	256QAM	25	0	18.20	18.61	18.34	18.51	18.35		

Reduced Power Mode for ECI 6_Other PA

Band 2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
5	QPSK	1	0	21.55	21.72	21.51		
20	QPSK	1	49	21.59	21.60	21.64	22.8	0
20	QPSK	1	99	21.47	21.49	21.56		
20	QPSK	50	0	21.55	21.67	21.54		
20	QPSK	50	24	21.52	21.62	21.54	22.8	0
20	QPSK	50	50	21.52	21.44	21.50		
20	QPSK	100	0	21.49	21.63	21.45		
20	16QAM	1	0	21.49	21.40	21.47		
20	16QAM	1	49	21.61	21.50	21.46	22.8	0
20	16QAM	1	99	21.64	21.48	21.52		
20	16QAM	50	0	21.55	21.48	21.64		
20	16QAM	50	24	21.49	21.53	21.50	22.1	0.7
20	16QAM	50	50	21.62	21.57	21.54		
20	16QAM	100	0	21.51	21.51	21.49		
20	64QAM	1	0	21.53	21.53	21.58		
20	64QAM	1	49	21.59	21.53	21.57	22.1	0.7
20	64QAM	1	99	21.52	21.49	21.53		
20	64QAM	50	0	19.88	20.13	19.77		
20	64QAM	50	24	19.88	19.92	20.00	21.1	1.7
20	64QAM	50	50	19.68	19.73	19.76		
20	64QAM	100	0	19.77	19.88	19.82		
20	256QAM	1	0	17.88	17.91	17.86		
20	256QAM	1	49	17.85	17.87	17.94	19.1	3.7
20	256QAM	1	99	17.73	17.80	17.91		
20	256QAM	50	0	17.84	17.94	17.75		
20	256QAM	50	24	17.89	17.94	17.85	19.1	3.7
20	256QAM	50	50	17.91	17.80	17.87		
20	256QAM	100	0	17.84	17.84	17.78		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.44	21.58	21.47		
15	QPSK	1	37	21.54	21.46	21.56	22.8	0
15	QPSK	1	74	21.45	21.43	21.48		
15	QPSK	36	0	21.49	21.53	21.49		
15	QPSK	36	20	21.46	21.48	21.51	22.8	0
15	QPSK	36	39	21.37	21.41	21.38		
15	QPSK	75	0	21.38	21.55	21.36		
15	16QAM	1	0	21.47	21.36	21.42		
15	16QAM	1	37	21.48	21.34	21.38	22.8	0
15	16QAM	1	74	21.57	21.38	21.36		
15	16QAM	36	0	21.51	21.44	21.55		
15	16QAM	36	20	21.35	21.52	21.45	22.1	0.7
15	16QAM	36	39	21.51	21.45	21.35		
15	16QAM	75	0	21.41	21.43	21.43		
15	64QAM	1	0	21.38	21.44	21.51		
15	64QAM	1	37	21.54	21.45	21.50	22.1	0.7
15	64QAM	1	74	21.30	21.35	21.36		
15	64QAM	36	0	19.67	19.94	19.62		
15	64QAM	36	20	19.77	19.76	19.86	21.1	1.7
15	64QAM	36	39	19.69	19.54	19.69		
15	64QAM	75	0	19.71	19.68	19.64		
15	256QAM	1	0	17.76	17.72	17.72		
15	256QAM	1	37	17.80	17.67	17.77	19.1	3.7
15	256QAM	1	74	17.55	17.71	17.81		
15	256QAM	36	0	17.80	17.90	17.60		
15	256QAM	36	20	17.73	17.76	17.67	19.1	3.7
15	256QAM	36	39	17.78	17.74	17.68		
15	256QAM	75	0	17.69	17.85	17.61		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.49	21.67	21.46		
10	QPSK	1	25	21.50	21.44	21.49	22.8	0
10	QPSK	1	49	21.38	21.40	21.52		
10	QPSK	25	0	21.44	21.47	21.38		
10	QPSK	25	12	21.41	21.48	21.50	22.8	0
10	QPSK	25	25	21.50	21.36	21.45		
10	QPSK	50	0	21.44	21.52	21.29		
10	16QAM	1	0	21.41	21.38	21.29		
10	16QAM	1	25	21.50	21.37	21.37	22.8	0
10	16QAM	1	49	21.57	21.41	21.47		
10	16QAM	25	0	21.43	21.36	21.50		
10	16QAM	25	12	21.43	21.38	21.45	22.1	0.7
10	16QAM	25	25	21.53	21.49	21.28		
10	16QAM	50	0	21.49	21.33	21.43		
10	16QAM	50	25	21.40	21.46	21.42		
10	64QAM	1	0	21.42	21.38	21.41	22.1	0.7
10	64QAM	1	49	21.28	21.41	21.36		
10	64QAM	25	0	19.80	19.95	19.77		
10	64QAM	25	12	19.79	19.78	19.86	21.1	1.7
10	64QAM	25	25	19.52	19.69	19.77		
10	64QAM	50	0	19.71	19.82	19.67		
10	256QAM	1	0	17.74	17.91	17.83		
10	256QAM	1	25	17.78	17.76	17.89	19.1	3.7
10	256QAM	1	49	17.71	17.61	17.72		
10	256QAM	25	0	17.74	17.78	17.57		
10	256QAM	25	12	17.89	17.92	17.76	19.1	3.7
10	256QAM	25	25	17.83	17.75	17.74		
10	256QAM	50	0	17.68	17.76	17.60		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.38	21.57	21.49		
5	QPSK	1	12	21.56	21.49	21.55	22.8	0
5	QPSK	1	24	21.44	21.37	21.49		
5	QPSK	12	0	21.49	21.46	21.43		
5	QPSK	12	7	21.37	21.54	21.36	22.8	0
5	QPSK	12	13	21.45	21.41	21.43		
5	QPSK	25	0	21.43	21.38	21.44		
5	16QAM	1	0	21.44	21.30	21.36		
5	16QAM	1	12	21.45	21.46	21.36	22.8	0
5	16QAM	1	24	21.58	21.39	21.34		
5	16QAM	12	0	21.44	21.33	21.55		
5	16QAM	12	7	21.36	21.41	21.36	22.1	0.7
5	16QAM	12	13	21.47	21.49	21.37		
5	16QAM	25	0	21.45	21.38	21.40		
5	64QAM	1	0	21.45	21.48	21.50		
5	64QAM	1	12	21.47	21.51	21.52	22.1	0.7
5	64QAM	1	24	21.29	21.35	21.40		
5	64QAM	12	0	19.78	19.90	19.56		
5	64QAM	12	7	19.81	19.93	19.86	21.1	1.7
5	64QAM	12	13	19.51	19.65	19.73		
5	64QAM	25	0	19.69	19.88	19.73		
5	256QAM	1	0	17.88	17.93	17.72		
5	256QAM	1	12	17.86	17.81	17.77	19.1	3.7
5	256QAM	1	24	17.57	17.77	17.76		
5	256QAM	12	0	17.81	17.77	17.72		
5	256QAM	12	7	17.78	17.74	17.82	19.1	3.7
5	256QAM	12	13	17.81	17.71	17.85		
5	256QAM	25	0	17.74	17.74	17.65		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.42	21.83	21.35		
3	QPSK	1	8	21.54	21.42	21.47	22.8	0
3	QPSK	1	14	21.35	21.46	21.41		
3	QPSK	8	0	21.44	21.51	21.40		
3	QPSK	8	4	21.45	21.58	21.51	22.8	0
3	QPSK	8	7	21.48	21.38	21.44		
3	QPSK	15	0	21.46	21.59	21.35		
3	16QAM	1	0	21.34	21.36	21.45		
3	16QAM	1	8	21.51	21.47	21.43	22.8	0
3	16QAM	1	14	21.52	21.33	21.44		
3	16QAM	8	0	21.48	21.40	21.53		
3	16QAM	8	4	21.45	21.47	21.46	22.1	0.7
3	16QAM	8	7	21.52	21.54	21.27		
3	16QAM	15	0	21.47	21.43	21.34		
3	64QAM	1	0	21.48	21.43	21.44		
3	64QAM	1	8	21.57	21.39	21.51	22.1	0.7
3	64QAM	1	14	21.28	21.48	21.36		
3	64QAM	8	0	19.80	19.92	19.77		
3	64QAM	8	4	19.77	19.92	19.84	21.1	1.7
3	64QAM	8	7	19.56	19.75	19.60		
3	64QAM	15	0	19.74	19.65	19.65		
3	256QAM	1	0	17.70	17.90	17.70		
3	256QAM	1	8	17.76	17.70	17.87	19.1	3.7
3	256QAM	1	14	17.65	17.64	17.89		
3	256QAM	8	0	17.85	17.74	17.70		
3	256QAM	8	4	17.78	17.85	17.73	19.1	3.7
3	256QAM	8	7	17.86	17.60	17.83		
3	256QAM	15	0	17.80	17.84	17.71		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.48	21.57	21.43		
1.4	QPSK	1	3	21.42	21.50	21.59		
1.4	QPSK	1	5	21.30	21.42	21.40	22.8	0
1.4	QPSK	3	0	21.49	21.46	21.38		
1.4	QPSK	3	1	21.35	21.49	21.36		
1.4	QPSK	3	3	21.39	21.30	21.33		
1.4	QPSK	6	0	21.45	21.56	21.32	22.8	0
1.4	16QAM	1	0	21.42	21.38	21.30		
1.4	16QAM	1	3	21.46	21.45	21.34		
1.4	16QAM	1	5	21.58	21.33	21.50	22.8	0
1.4	16QAM	3	0	21.47	21.35	21.49		
1.4	16QAM	3	1	21.32	21.45	21.39		
1.4	16QAM	3	3	21.56	21.43	21.37		
1.4	16QAM	6	0	21.46	21.41	21.40	22.1	0.7
1.4	64QAM	1	0	21.36	21.37	21.42		
1.4	64QAM	1	3	21.47	21.50	21.40		
1.4	64QAM	1	5	21.35	21.39	21.38	22.1	0.7
1.4	64QAM	3	0	21.18	21.03	21.07		
1.4	64QAM	3	1	21.15	21.01	21.18		
1.4	64QAM	3	3	21.09	21.16	21.01		
1.4	64QAM	6	0	19.85	20.08	19.58	21.1	1.7
1.4	256QAM	1	0	17.61	17.72	17.73		
1.4	256QAM	1	3	17.95	17.85	17.74		
1.4	256QAM	1	5	17.82	17.74	17.65	19.1	3.7
1.4	256QAM	3	0	17.86	17.65	17.68		
1.4	256QAM	3	1	17.71	17.73	17.65		
1.4	256QAM	3	3	17.61	17.72	17.73		
1.4	256QAM	6	0	17.95	17.85	17.74	19.1	3.7

Band 4 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.95	21.19	20.97		
20	QPSK	1	49	21.01	20.97	21.07	22.2	0
20	QPSK	1	99	21.06	21.05	20.90		
20	QPSK	50	0	20.91	21.12	21.02		
20	QPSK	50	24	20.87	21.01	20.96	22.2	0
20	QPSK	50	50	20.95	20.98	21.08		
20	QPSK	100	0	21.03	21.09	21.05		
20	16QAM	1	0	20.93	20.92	21.07		
20	16QAM	1	49	21.05	20.90	20.98	22.2	0
20	16QAM	1	99	21.07	21.02	20.91		
20	16QAM	50	0	21.02	20.99	21.07		
20	16QAM	50	24	21.11	21.05	21.03	22	0.2
20	16QAM	50	50	21.08	21.03	20.93		
20	16QAM	100	0	20.94	21.05	20.97		
20	64QAM	1	0	20.98	20.88	21.07		
20	64QAM	1	49	20.99	20.91	20.99	22	0.2
20	64QAM	1	99	21.03	20.93	20.99		
20	64QAM	50	0	19.66	19.95	19.73		
20	64QAM	50	24	19.79	19.88	19.77	21	1.2
20	64QAM	50	50	19.80	19.89	19.65		
20	64QAM	100	0	19.78	20.03	19.91		
20	256QAM	1	0	17.84	18.06	17.72		
20	256QAM	1	49	17.75	17.88	17.79	19	3.2
20	256QAM	1	99	17.75	17.89	17.78		
20	256QAM	50	0	17.65	18.01	17.74		
20	256QAM	50	24	17.64	17.98	17.73	19	3.2
20	256QAM	50	50	17.82	17.67	17.89		
20	256QAM	100	0	17.77	17.79	17.88		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.95	21.08	21.05		
15	QPSK	1	37	20.98	20.98	21.03	22.2	0
15	QPSK	1	74	21.05	20.98	21.02		
15	QPSK	36	0	20.96	21.07	21.02		
15	QPSK	36	20	20.94	21.10	21.06	22.2	0
15	QPSK	36	39	20.97	21.06	21.09		
15	QPSK	75	0	21.04	21.09	20.94		
15	16QAM	1	0	21.07	21.00	21.07		
15	16QAM	1	37	21.11	20.85	20.93	22.2	0
15	16QAM	1	74	20.99	21.08	21.05		
15	16QAM	36	0	21.10	21.11	21.01		
15	16QAM	36	20	20.98	21.07	20.98	22	0.2
15	16QAM	36	39	20.98	21.05	21.00		
15	16QAM	75	0	20.88	21.11	20.99		
15	64QAM	1	0	21.10	20.86	21.03		
15	64QAM	1	37	20.99	20.92	21.02	22	0.2
15	64QAM	1	74	21.10	21.03	21.11		
15	64QAM	36	0	19.69	19.79	19.58		
15	64QAM	36	20	19.71	19.74	19.75	21	1.2
15	64QAM	36	39	19.69	19.93	19.56		
15	64QAM	75	0	19.71	19.87	19.90		
15	256QAM	1	0	17.71	18.07	17.63		
15	256QAM	1	37	17.57	17.71	17.58	19	3.2
15	256QAM	1	74	17.62	17.68	17.66		
15	256QAM	36	0	17.48	17.88	17.54		
15	256QAM	36	20	17.53	17.86	17.66	19	3.2
15	256QAM	36	39	17.62	17.52	17.78		
15	256QAM	75	0	17.77	17.81	17.71		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.03	21.03	20.96		
10	QPSK	1	25	21.00	20.93	21.07	22.2	0
10	QPSK	1	49	21.08	21.01	20.90		
10	QPSK	25	0	20.95	21.11	20.97		
10	QPSK	25	12	20.92	21.12	21.03	22.2	0
10	QPSK	25	25	20.99	21.02	20.96		
10	QPSK	50	0	20.94	21.07	20.93		
10	16QAM	1	0	20.95	21.01	20.99		
10	16QAM	1	25	21.11	20.86	21.03	22.2	0
10	16QAM	1	49	20.98	21.07	20.97		
10	16QAM	25	0	21.10	21.04	21.01		
10	16QAM	25	12	21.11	21.02	20.97	22	0.2
10	16QAM	25	25	20.99	21.07	20.94		
10	16QAM	50	0	20.86	21.12	21.05		
10	16QAM	50	25	21.09	20.92	21.13		
10	64QAM	1	0	20.95	20.90	20.95	22	0.2
10	64QAM	1	49	21.14	20.94	20.99		
10	64QAM	25	0	19.58	19.83	19.70		
10	64QAM	25	12	19.72	19.82	19.64	21	1.2
10	64QAM	25	25	19.87	19.86	19.55		
10	64QAM	50	0	19.70	19.88	19.77		
10	256QAM	1	0	17.80	17.88	17.60		
10	256QAM	1	25	17.69	17.76	17.67	19	3.2
10	256QAM	1	49	17.70	17.74	17.64		
10	256QAM	25	0	17.62	17.93	17.67		
10	256QAM	25	12	17.57	17.92	17.69	19	3.2
10	256QAM	25	25	17.71	17.64	17.84		
10	256QAM	50	0	17.69	17.76	17.54		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.07	21.08	20.93		
5	QPSK	1	12	21.00	20.97	21.15	22.2	0
5	QPSK	1	24	21.04	20.99	20.95		
5	QPSK	12	0	20.97	21.01	21.01		
5	QPSK	12	7	20.88	20.97	21.04	22.2	0
5	QPSK	12	13	20.97	21.09	20.97		
5	QPSK	25	0	21.04	21.13	20.92		
5	16QAM	1	0	20.99	20.88	20.94		
5	16QAM	1	12	21.08	20.93	20.97	22.2	0
5	16QAM	1	24	21.05	20.99	20.93		
5	16QAM	12	0	21.14	21.08	20.93		
5	16QAM	12	7	21.10	20.99	21.05	22	0.2
5	16QAM	12	13	21.04	21.14	20.98		
5	16QAM	25	0	21.00	21.02	21.02		
5	64QAM	1	0	21.02	21.02	21.14		
5	64QAM	1	12	21.02	20.88	21.05	22	0.2
5	64QAM	1	24	21.04	20.91	21.01		
5	64QAM	12	0	19.63	19.82	19.58		
5	64QAM	12	7	19.77	19.81	19.81	21	1.2
5	64QAM	12	13	19.73	19.72	19.58		
5	64QAM	25	0	19.65	19.87	19.83		
5	256QAM	1	0	17.66	17.97	17.66		
5	256QAM	1	12	17.63	17.73	17.76	19	3.2
5	256QAM	1	24	17.72	17.72	17.63		
5	256QAM	12	0	17.48	17.98	17.59		
5	256QAM	12	7	17.59	17.81	17.58	19	3.2
5	256QAM	12	13	17.76	17.81	17.76		
5	256QAM	25	0	17.70	17.65	17.81		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.04	21.05	21.04		
3	QPSK	1	8	21.09	20.88	21.07	22.2	0
3	QPSK	1	14	20.97	20.97	21.03		
3	QPSK	8	0	20.89	21.03	21.06		
3	QPSK	8	4	20.94	21.00	20.97	22.2	0
3	QPSK	8	7	21.02	21.02	21.04		
3	QPSK	15	0	20.98	21.10	21.00		
3	16QAM	1	0	21.08	21.01	20.99		
3	16QAM	1	8	21.13	20.94	21.02	22.2	0
3	16QAM	1	14	21.04	21.05	20.98		
3	16QAM	8	0	21.14	20.98	21.03		
3	16QAM	8	4	21.06	21.06	21.06	22	0.2
3	16QAM	8	7	20.99	21.11	20.92		
3	16QAM	15	0	21.01	21.02	21.03		
3	64QAM	1	0	21.04	20.90	20.98		
3	64QAM	1	8	21.00	20.90	20.93	22	0.2
3	64QAM	1	14	21.01	20.91	21.10		
3	64QAM	8	0	19.57	19.77	19.66		
3	64QAM	8	4	19.70	19.76	19.73	21	1.2
3	64QAM	8	7	19.72	19.72	19.57		
3	64QAM	15	0	19.69	19.99	19.79		
3	256QAM	1	0	17.78	18.07	17.61		
3	256QAM	1	8	17.63	17.70	17.64	19	3.2
3	256QAM	1	14	17.67	17.74	17.68		
3	256QAM	8	0	17.62	17.91	17.71		
3	256QAM	8	4	17.77	17.93	17.71	19	3.2
3	256QAM	8	7	17.79	17.51	17.85		
3	256QAM	15	0	17.65	17.62	17.83		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.00	21.11	21.00		
1.4	QPSK	1	3	21.07	20.89	21.11		
1.4	QPSK	1	5	20.97	21.10	21.00	22.2	0
1.4	QPSK	3	0	20.89	21.02	20.98		
1.4	QPSK	3	1	20.92	21.10	20.98		
1.4	QPSK	3	3	21.05	21.11	21.04		
1.4	QPSK	6	0	21.03	21.10	20.97	22.2	0
1.4	16QAM	1	0	20.96	21.00	21.01		
1.4	16QAM	1	3	21.13	20.94	20.94		
1.4	16QAM	1	5	21.07	21.05	21.02	22.2	0
1.4	16QAM	3	0	21.01	21.10	21.08		
1.4	16QAM	3	1	21.03	20.96	21.09		
1.4	16QAM	3	3	21.10	21.05	20.86		
1.4	16QAM	6	0	20.86	21.07	20.96	22	0.2
1.4	64QAM	1	0	21.11	20.96	21.07		
1.4	64QAM	1	3	21.03	20.90	21.01		
1.4	64QAM	1	5	21.08	21.02	21.01	22	0.2
1.4	64QAM	3	0	20.99	20.95	21.01		
1.4	64QAM	3	1	21.00	21.04	21.04		
1.4	64QAM	3	3	20.88	20.92	21.06		
1.4	64QAM	6	0	19.63	19.83	19.69	21	1.2
1.4	256QAM	1	0	17.81	17.97	17.60		
1.4	256QAM	1	3	17.64	17.84	17.63		
1.4	256QAM	1	5	17.68	17.81	17.69	19	3.2
1.4	256QAM	3	0	17.63	17.88	17.66		
1.4	256QAM	3	1	17.54	17.85	17.63		
1.4	256QAM	3	3	17.74	17.58	17.82		
1.4	256QAM	6	0	17.72	17.62	17.78	19	3.2

Band 7 Ant1

BW [MHz]	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	20.41	20.55	20.27		
20	QPSK	1	49	20.29	20.27	20.29	21.4	0
20	QPSK	1	99	20.44	20.32	20.33		
20	QPSK	50	0	20.39	20.43	20.38		
20	QPSK	50	24	20.36	20.37	20.41	21.4	0
20	QPSK	50	50	20.41	20.36	20.32		
20	QPSK	100	0	20.38	20.42	20

Band 38 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.67	22.82	22.75	24	0
20	QPSK	1	49	22.75	22.72	22.80		
20	QPSK	1	99	22.66	22.72	22.70		
20	QPSK	50	0	22.65	22.82	22.64	24	0
20	QPSK	50	24	22.59	22.72	22.65		
20	QPSK	50	50	22.65	22.65	22.49		
20	QPSK	100	0	22.50	22.63	22.41		
20	16QAM	1	0	22.59	22.61	22.68	24	0
20	16QAM	1	49	22.52	22.51	22.56		
20	16QAM	1	99	22.59	22.56	22.63		
20	16QAM	50	0	21.68	21.75	21.70	23	1
20	16QAM	50	24	21.59	21.79	21.67		
20	16QAM	50	50	21.68	21.69	21.51		
20	16QAM	100	0	21.48	21.58	21.44		
20	64QAM	1	0	21.63	21.63	21.76	23	1
20	64QAM	1	49	21.50	21.44	21.53		
20	64QAM	1	99	21.56	21.57	21.68		
20	64QAM	50	0	20.61	20.89	20.69	22	2
20	64QAM	50	24	20.63	20.76	20.71		
20	64QAM	50	50	20.58	20.58	20.53		
20	64QAM	100	0	20.52	20.71	20.45		
20	256QAM	1	0	18.60	18.90	18.60	20	4
20	256QAM	1	49	18.52	18.79	18.72		
20	256QAM	1	99	18.62	18.72	18.51		
20	256QAM	50	0	18.45	18.66	18.39	20	4
20	256QAM	50	24	18.54	18.63	18.70		
20	256QAM	50	50	18.49	18.43	18.58		
20	256QAM	100	0	18.63	18.57	18.70		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.62	22.63	22.81	24	0
15	QPSK	1	37	22.70	22.64	22.67		
15	QPSK	1	74	22.53	22.57	22.52		
15	QPSK	36	0	22.45	22.73	22.45	24	0
15	QPSK	36	20	22.55	22.56	22.54		
15	QPSK	36	39	22.56	22.49	22.36		
15	QPSK	75	0	22.34	22.58	22.27		
15	16QAM	1	0	22.54	22.53	22.53	24	0
15	16QAM	1	37	22.34	22.42	22.43		
15	16QAM	1	74	22.39	22.38	22.49		
15	16QAM	36	0	21.50	21.70	21.53	23	1
15	16QAM	36	20	21.39	21.63	21.49		
15	16QAM	36	39	21.51	21.53	21.46		
15	16QAM	75	0	21.43	21.40	21.25		
15	64QAM	1	0	21.43	21.50	21.58	23	1
15	64QAM	1	37	21.33	21.31	21.43		
15	64QAM	1	74	21.45	21.42	21.61		
15	64QAM	36	0	20.45	20.74	20.64	22	2
15	64QAM	36	20	20.49	20.72	20.59		
15	64QAM	36	39	20.48	20.47	20.44		
15	64QAM	75	0	20.43	20.63	20.33		
15	256QAM	1	0	18.53	18.81	18.54	20	4
15	256QAM	1	37	18.33	18.62	18.54		
15	256QAM	1	74	18.58	18.66	18.37		
15	256QAM	36	0	18.31	18.52	18.25	20	4
15	256QAM	36	20	18.48	18.48	18.64		
15	256QAM	36	39	18.40	18.39	18.44		
15	256QAM	75	0	18.44	18.37	18.50		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.63	22.67	22.80	24	0
10	QPSK	1	25	22.56	22.65	22.62		
10	QPSK	1	49	22.61	22.64	22.53		
10	QPSK	25	0	22.57	22.75	22.48	24	0
10	QPSK	25	12	22.48	22.57	22.57		
10	QPSK	25	25	22.47	22.52	22.36		
10	QPSK	50	0	22.38	22.57	22.37		
10	16QAM	1	0	22.41	22.48	22.55	24	0
10	16QAM	1	25	22.39	22.31	22.36		
10	16QAM	1	49	22.49	22.51	22.54		
10	16QAM	25	0	21.50	21.66	21.59	23	1
10	16QAM	25	12	21.48	21.70	21.50		
10	16QAM	25	25	21.62	21.65	21.47		
10	16QAM	50	0	21.37	21.39	21.34		
10	64QAM	1	0	21.46	21.48	21.63	23	1
10	64QAM	1	25	21.46	21.39	21.38		
10	64QAM	1	49	21.44	21.38	21.59		
10	64QAM	25	0	20.53	20.82	20.52	22	2
10	64QAM	25	12	20.50	20.58	20.51		
10	64QAM	25	25	20.38	20.39	20.40		
10	64QAM	50	0	20.40	20.58	20.29		
10	256QAM	1	0	18.53	18.72	18.54	20	4
10	256QAM	1	25	18.35	18.64	18.58		
10	256QAM	1	49	18.44	18.59	18.35		
10	256QAM	25	0	18.30	18.48	18.31	20	4
10	256QAM	25	12	18.35	18.58	18.58		
10	256QAM	25	25	18.31	18.39	18.41		
10	256QAM	50	0	18.58	18.44	18.66		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.50	22.68	22.65	24	0
5	QPSK	1	12	22.64	22.64	22.74		
5	QPSK	1	24	22.47	22.53	22.60		
5	QPSK	12	0	22.56	22.74	22.48	24	0
5	QPSK	12	7	22.47	22.65	22.51		
5	QPSK	12	13	22.50	22.47	22.31		
5	QPSK	25	0	22.43	22.58	22.28		
5	16QAM	1	0	22.47	22.55	22.52	24	0
5	16QAM	1	12	22.32	22.42	22.46		
5	16QAM	1	24	22.51	22.49	22.54		
5	16QAM	12	0	21.55	21.63	21.60	23	1
5	16QAM	12	7	21.40	21.63	21.60		
5	16QAM	12	13	21.55	21.59	21.39		
5	16QAM	25	0	21.42	21.51	21.34		
5	64QAM	1	0	21.48	21.56	21.59	23	1
5	64QAM	1	12	21.44	21.39	21.40		
5	64QAM	1	24	21.39	21.38	21.53		
5	64QAM	12	0	20.47	20.71	20.52	22	2
5	64QAM	12	7	20.56	20.69	20.58		
5	64QAM	12	13	20.50	20.45	20.43		
5	64QAM	25	0	20.41	20.53	20.27		
5	256QAM	1	0	18.41	18.72	18.49	20	4
5	256QAM	1	12	18.46	18.65	18.53		
5	256QAM	1	24	18.48	18.57	18.41		
5	256QAM	12	0	18.35	18.57	18.25	20	4
5	256QAM	12	7	18.36	18.52	18.53		
5	256QAM	12	13	18.41	18.26	18.43		
5	256QAM	25	0	18.48	18.39	18.65		

Band 41 Ant1

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	22.66	22.69	22.89	22.81	22.69	24	0
20	QPSK	1	49	22.61	22.71	22.81	22.82	22.71		
20	QPSK	1	99	22.59	22.72	22.70	22.67	22.52		
20	QPSK	50	0	22.56	22.56	22.85	22.71	22.53	24	0
20	QPSK	50	24	22.50	22.63	22.61	22.66	22.43		
20	QPSK	50	50	22.51	22.54	22.61	22.55	22.42		
20	QPSK	100	0	22.49	22.39	22.69	22.36	22.25		
20	16QAM	1	0	22.52	22.52	22.68	22.69	22.62	24	0
20	16QAM	1	49	22.47	22.55	22.54	22.55	22.52		
20	16QAM	1	99	22.43	22.58	22.52	22.63	22.44		
20	16QAM	50	0	21.53	21.51	21.91	21.69	21.46	23	1
20	16QAM	50	24	21.43	21.62	21.66	21.73	21.48		
20	16QAM	50	50	21.45	21.51	21.60	21.53	21.47		
20	16QAM	100	0	21.46	21.33	21.65	21.36	21.29		
20	64QAM	1	0	21.57	21.46	21.73	21.73	21.57	23	1
20	64QAM	1	49	21.53	21.51	21.50	21.50	21.46		
20	64QAM	1	99	21.42	21.65	21.44	21.67	21.37		
20	64QAM	50	0	20.58	20.55	20.81	20.77	20.47	22	2
20	64QAM	50	24	20.42	20.69	20.64	20.67	20.48		
20	64QAM	50	50	20.51	20.54	20.69	20.53	20.44		
20	64QAM	100	0	20.47	20.35	20.73	20.42	20.25		
20	256QAM	1	0	18.59	18.54	18.81	18.66	18.46	20	4
20	256QAM	1	49	18.49	18.57	18.55	18.63	18.44		
20	256QAM	1	99	18.56	18.51	18.60	18.49	18.35		
20	256QAM	50	0	18.42	18.39	18.62	18.42	18.29	20	4
20	256QAM	50	24	18.48	18.57	18.73	18.64	18.66		
20	256QAM	50	50	18.43	18.60	18.46	18.49	18.49		
20	256QAM	100	0	18.38	18.64	18.47	18.56	18.44		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.52	22.62	22.64	22.68	22.56	24	0
15	QPSK	1	37	22.48	22.54	22.77	22.78	22.57		
15	QPSK	1	74	22.44	22.69	22.62	22.61	22.36		
15	QPSK	36	0	22.39	22.48	22.73	22.53	22.36	24	0
15	QPSK	36	20	22.39	22.59	22.47	22.63	22.40		
15	QPSK	36	39	22.42	22.50	22.44	22.43	22.26		
15	QPSK	75	0	22.32	22.25	22.62	22.24	22.19		
15	16QAM	1	0	22.34	22.49	22.56	22.53	22.57	24	0
15	16QAM	1	37	22.40	22.42	22.51	22.47	22.47		
15	16QAM	1	74	22.36	22.49	22.41	22.51	22.30		
15	16QAM	36	0	21.35	21.41	21.74	21.55	21.35	23	1
15	16QAM	36	20	21.31	21.50	21.53	21.66	21.40		
15	16QAM	36	39	21.40	21.41	21.56	21.47	21.41		
15	16QAM	75	0	21.40	21.21	21.61	21.28	21.24		
15	64QAM	1	0	21.55	21.37	21.69	21.60	21.47	23	1
15	64QAM	1	37	21.42	21.40	21.34	21.40	21.40		
15	64QAM	1	74	21.34	21.48	21.34	21.61	21.33		
15	64QAM	36	0	20.52	20.41	20.72	20.69	20.39	22	2
15	64QAM	36	20	20.33	20.52	20.48	20.53	20.40		
15	64QAM	36	39	20.34	20.46	20.60	20.39	20.32		
15	64QAM	75	0	20.32	20.27	20.68	20.27	20.18		
15	256QAM	1	0	18.44	18.45	18.78	18.63	18.39	20	4
15	256QAM	1	37	18.32	18.46	18.50	18.48	18.31		
15	256QAM	1	74	18.47	18.33	18.42	18.40	18.33		
15	256QAM	36	0	18.31	18.26	18.49	18.29	18.19	20	4
15	256QAM	36	20	18.38	18.48	18.61	18.58	18.54		
15	256QAM	36	39	18.26	18.48	18.34	18.34	18.43		
15	256QAM	75	0	18.25	18.52	18.39	18.49	18.42		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.53	22.55	22.75	22.71	22.64	24	0
10	QPSK	1	25	22.56	22.60	22.76	22.68	22.55		
10	QPSK	1	49	22.56	22.61	22.60	22.54	22.34		
10	QPSK	25	0	22.49	22.51	22.80	22.58	22.37	24	0
10	QPSK	25	12	22.45	22.54	22.49	22.58	22.38		
10	QPSK	25	25	22.47	22.49	22.49	22.52	22.47		
10	QPSK	50	0	22.45	22.30	22.56	22.27	22.19		
10	16QAM	1	0	22.45	22.47	22.61	22.54	22.53	24	0
10	16QAM	1	25	22.44	22.38	22.49	22.38	22.38		
10	16QAM	1	49	22.27	22.44	22.43	22.60	22.32		
10	16QAM	25	0	21.35	21.46	21.83	21.53	21.34	23	1
10	16QAM	25	12	21.36	21.44	21.55	21.61	21.36		
10	16QAM	25	25	21.46	21.42	21.46	21.37	21.41		
10	16QAM	50	0	21.37	21.20	21.51	21.28	21.16		
10	64QAM	1	0	21.54	21.41	21.65	21.70	21.51	23	1
10	64QAM	1	25	21.47	21.48	21.37	21.37	21.36		
10	64QAM	1	49	21.35	21.54	21.31	21.65	21.26		
10	64QAM	25	0	20.51	20.53	20.69	20.71	20.39	22	2
10	64QAM	25	12	20.29	20.57	20.55	20.55	20.37		
10	64QAM	25	25	20.48	20.46	20.56	20.47	20.28		
10	64QAM	50	0	20.38	20.24	20.57	20.33	20.13		
10	256QAM	1	0	18.49	18.47	18.66	18.52	18.29	20	4
10	256QAM	1	25	18.34	18.53	18.41	18.50	18.28		
10	256QAM	1	49	18.43	18.42	18.51	18.32	18.22		
10	256QAM	25	0	18.31	18.25	18.51	18.28	18.24	20	4
10	256QAM	25	12	18.37	18.49	18.68	18.54	18.58		
10	256QAM	25	25	18.38	18.55	18.32	18.32	18.34		
10	256QAM	50	0	18.25	18.54	18.35	18.52	18.34		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.50	22.64	22.67	22.72	22.63	24	0
5	QPSK	1	12	22.50	22.68	22.78	22.72	22.64		
5	QPSK	1	24	22.49	22.60	22.52	22.63	22.38		
5	QPSK	12	0	22.43	22.48	22.79	22.63	22.43	24	0
5	QPSK	12	7	22.38	22.55	22.48	22.62	22.29		
5	QPSK	12	13	22.39	22.48	22.45	22.52	22.33		
5	QPSK	25	0	22.33	22.34	22.66	22.28	22.28		
5	16QAM	1	0	22.48	22.47	22.61	22.60	22.58	24	0
5	16QAM	1	12	22.32	22.47	22.47	22.45	22.35		
5	16QAM	1	24	22.32	22.50	22.46	22.47	22.35		
5	16QAM	12	0	21.51	21.36	21.81	21.56	21.44	23	1
5	16QAM	12	7	21.36	21.51	21.60	21.57	21.39		
5	16QAM	12	13	21.38	21.40	21.51	21.40	21.36		
5	16QAM	25	0	21.34	21.26	21.52	21.30	21.26		
5	64QAM	1	0	21.45	21.42	21.61	21.63	21.41	23	1
5	64QAM	1	12	21.40	21.47	21.38	21.46	21.37		
5	64QAM	1	24	21.24	21.51	21.26	21.57	21.23		
5	64QAM	12	0	20.55	20.48	20.67	20.70	20.29	22	2
5	64QAM	12	7	20.24	20.61	20.47	20.51	20.40		
5	64QAM	12	13	20.38	20.46	20.54	20.51	20.37		
5	64QAM	25	0	20.34	20.19	20.55	20.38	20.15		
5	256QAM	1	0	18.47	18.41	18.68	18.50	18.44	20	4
5	256QAM	1	12	18.36	18.43	18.42	18.47	18.34		
5	256QAM	1	24	18.39	18.37	18.42	18.41	18.22		
5	256QAM	12	0	18.34	18.22	18.59	18.29	18.12	20	4
5	256QAM	12	7	18.31	18.41	18.55	18.55	18.53		
5	256QAM	12	13	18.31	18.46	18.35	18.39	18.34		
5	256QAM	25	0	18.20	18.61	18.34	18.51	18.35		

Reduced Power Mode for ECI 7_Other PA

Band 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	19.56	19.70	19.84	20.7	0
20	QPSK	1	49	19.60	19.58	19.51		
20	QPSK	1	99	19.54	19.65	19.40		
20	QPSK	50	0	19.51	19.58	19.41		
20	QPSK	50	24	19.48	19.50	19.50		
20	QPSK	50	50	19.53	19.48	19.48		
20	QPSK	100	0	19.51	19.54	19.48		
20	16QAM	1	0	19.44	19.37	19.61	20.7	0
20	16QAM	1	49	19.54	19.56	19.51		
20	16QAM	1	99	19.52	19.52	19.40		
20	16QAM	50	0	19.48	19.46	19.61		
20	16QAM	50	24	19.50	19.61	19.52		
20	16QAM	50	50	19.49	19.54	19.46		
20	16QAM	100	0	19.43	19.53	19.52		
20	64QAM	1	0	19.44	19.49	19.43	20.7	0
20	64QAM	1	49	19.56	19.51	19.50		
20	64QAM	1	99	19.49	19.53	19.51		
20	64QAM	50	0	19.55	19.58	19.47		
20	64QAM	50	24	19.47	19.48	19.51		
20	64QAM	50	50	19.41	19.61	19.48		
20	64QAM	100	0	19.54	19.64	19.62		
20	256QAM	1	0	17.89	17.94	17.95	19	1.7
20	256QAM	1	49	17.86	17.84	17.82		
20	256QAM	1	99	17.84	18.00	17.71		
20	256QAM	50	0	17.81	17.92	17.64		
20	256QAM	50	24	17.76	17.81	17.77		
20	256QAM	50	50	17.87	17.79	17.76		
20	256QAM	100	0	17.86	17.84	17.75		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.62	19.67	19.59	20.7	0
15	QPSK	1	37	19.51	19.49	19.47		
15	QPSK	1	74	19.57	19.66	19.49		
15	QPSK	36	0	19.52	19.62	19.49	20.7	0
15	QPSK	36	20	19.47	19.48	19.50		
15	QPSK	36	39	19.54	19.49	19.43		
15	QPSK	75	0	19.53	19.53	19.44		
15	16QAM	1	0	19.42	19.48	19.64	20.7	0
15	16QAM	1	37	19.67	19.51	19.51		
15	16QAM	1	74	19.60	19.43	19.54		
15	16QAM	36	0	19.46	19.45	19.55	20.7	0
15	16QAM	36	20	19.60	19.62	19.44		
15	16QAM	36	39	19.47	19.44	19.44		
15	16QAM	75	0	19.43	19.52	19.54		
15	64QAM	1	0	19.47	19.59	19.42	20.7	0
15	64QAM	1	37	19.56	19.54	19.36		
15	64QAM	1	74	19.60	19.53	19.53		
15	64QAM	36	0	19.62	19.61	19.40	20.7	0
15	64QAM	36	20	19.55	19.39	19.52		
15	64QAM	36	39	19.42	19.44	19.55		
15	64QAM	75	0	19.57	19.57	19.62		
15	256QAM	1	0	17.81	18.00	17.86	19	1.7
15	256QAM	1	37	17.83	17.90	17.79		
15	256QAM	1	74	17.77	17.88	17.62		
15	256QAM	36	0	17.75	17.92	17.65	19	1.7
15	256QAM	36	20	17.72	17.79	17.88		
15	256QAM	36	39	17.88	17.84	17.75		
15	256QAM	75	0	17.83	17.80	17.81		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.61	19.63	19.58	20.7	0
10	QPSK	1	25	19.59	19.53	19.57		
10	QPSK	1	49	19.43	19.65	19.37		
10	QPSK	25	0	19.47	19.57	19.49	20.7	0
10	QPSK	25	12	19.49	19.52	19.47		
10	QPSK	25	25	19.60	19.45	19.56		
10	QPSK	50	0	19.52	19.51	19.49		
10	16QAM	1	0	19.46	19.41	19.61	20.7	0
10	16QAM	1	25	19.61	19.46	19.48		
10	16QAM	1	49	19.53	19.49	19.55		
10	16QAM	25	0	19.58	19.57	19.56	20.7	0
10	16QAM	25	12	19.64	19.54	19.53		
10	16QAM	25	25	19.53	19.49	19.43		
10	16QAM	50	0	19.46	19.39	19.62		
10	64QAM	1	0	19.49	19.55	19.54	20.7	0
10	64QAM	1	25	19.54	19.48	19.42		
10	64QAM	1	49	19.59	19.63	19.55		
10	64QAM	25	0	19.66	19.50	19.49	20.7	0
10	64QAM	25	12	19.54	19.44	19.50		
10	64QAM	25	25	19.46	19.59	19.53		
10	64QAM	50	0	19.55	19.62	19.63		
10	256QAM	1	0	17.78	18.03	17.94	19	1.7
10	256QAM	1	25	17.92	17.89	17.87		
10	256QAM	1	49	17.85	17.99	17.74		
10	256QAM	25	0	17.80	17.83	17.75	19	1.7
10	256QAM	25	12	17.72	17.74	17.75		
10	256QAM	25	25	17.77	17.74	17.82		
10	256QAM	50	0	17.75	17.81	17.73		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.60	19.58	19.62	20.7	0
5	QPSK	1	12	19.51	19.53	19.59		
5	QPSK	1	24	19.42	19.51	19.40		
5	QPSK	12	0	19.44	19.51	19.40	20.7	0
5	QPSK	12	7	19.54	19.56	19.55		
5	QPSK	12	13	19.53	19.45	19.43		
5	QPSK	25	0	19.61	19.62	19.57		
5	16QAM	1	0	19.43	19.46	19.64	20.7	0
5	16QAM	1	12	19.63	19.46	19.62		
5	16QAM	1	24	19.52	19.46	19.52		
5	16QAM	12	0	19.48	19.45	19.55	20.7	0
5	16QAM	12	7	19.61	19.55	19.46		
5	16QAM	12	13	19.44	19.53	19.43		
5	16QAM	25	0	19.43	19.44	19.58		
5	64QAM	1	0	19.49	19.56	19.54	20.7	0
5	64QAM	1	12	19.58	19.56	19.43		
5	64QAM	1	24	19.50	19.57	19.52		
5	64QAM	12	0	19.63	19.52	19.44	20.7	0
5	64QAM	12	7	19.52	19.47	19.49		
5	64QAM	12	13	19.48	19.54	19.56		
5	64QAM	25	0	19.54	19.62	19.60		
5	256QAM	1	0	17.85	18.03	17.99	19	1.7
5	256QAM	1	12	17.98	17.91	17.84		
5	256QAM	1	24	17.86	17.96	17.62		
5	256QAM	12	0	17.88	17.85	17.71	19	1.7
5	256QAM	12	7	17.71	17.80	17.77		
5	256QAM	12	13	17.89	17.74	17.84		
5	256QAM	25	0	17.88	17.81	17.72		
Channel				18815	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.48	19.69	19.57	20.7	0
3	QPSK	1	8	19.60	19.49	19.47		
3	QPSK	1	14	19.48	19.53	19.49		
3	QPSK	8	0	19.45	19.54	19.54	20.7	0
3	QPSK	8	4	19.46	19.62	19.44		
3	QPSK	8	7	19.53	19.58	19.56		
3	QPSK	15	0	19.49	19.61	19.46		
3	16QAM	1	0	19.51	19.45	19.65	20.7	0
3	16QAM	1	8	19.65	19.46	19.55		
3	16QAM	1	14	19.53	19.43	19.54		
3	16QAM	8	0	19.51	19.56	19.60	20.7	0
3	16QAM	8	4	19.56	19.52	19.54		
3	16QAM	8	7	19.45	19.50	19.41		
3	16QAM	15	0	19.53	19.49	19.52		
3	64QAM	1	0	19.50	19.59	19.46	20.7	0
3	64QAM	1	8	19.44	19.53	19.48		
3	64QAM	1	14	19.55	19.60	19.48		
3	64QAM	8	0	19.53	19.56	19.51	20.7	0
3	64QAM	8	4	19.48	19.51	19.51		
3	64QAM	8	7	19.37	19.53	19.45		
3	64QAM	15	0	19.54	19.64	19.57		
3	256QAM	1	0	17.84	17.93	18.00	19	1.7
3	256QAM	1	8	17.94	17.95	17.77		
3	256QAM	1	14	17.80	17.98	17.67		
3	256QAM	8	0	17.77	17.95	17.63	19	1.7
3	256QAM	8	4	17.72	17.85	17.83		
3	256QAM	8	7	17.88	17.83	17.84		
3	256QAM	15	0	17.86	17.87	17.83		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.47	19.58	19.62	20.7	0
1.4	QPSK	1	3	19.52	19.58	19.47		
1.4	QPSK	1	5	19.54	19.64	19.48		
1.4	QPSK	3	0	19.46	19.52	19.39		
1.4	QPSK	3	1	19.47	19.54	19.52		
1.4	QPSK	3	3	19.46	19.44	19.46		
1.4	QPSK	6	0	19.54	19.53	19.44	20.7	0
1.4	16QAM	1	0	19.43	19.49	19.58	20.7	0
1.4	16QAM	1	3	19.59	19.48	19.61		
1.4	16QAM	1	5	19.61	19.50	19.53		
1.4	16QAM	3	0	19.46	19.52	19.60		
1.4	16QAM	3	1	19.63	19.50	19.51		
1.4	16QAM	3	3	19.55	19.57	19.43		
1.4	16QAM	6	0	19.41	19.42	19.54	20.7	0
1.4	64QAM	1	0	19.38	19.51	19.49	20.7	0
1.4	64QAM	1	3	19.44	19.54	19.45		
1.4	64QAM	1	5	19.47	19.59	19.54		
1.4	64QAM	3	0	19.50	19.61	19.42		
1.4	64QAM	3	1	19.58	19.39	19.55		
1.4	64QAM	3	3	19.47	19.49	19.43		
1.4	64QAM	6	0	19.66	19.65	19.56	20.7	0
1.4	256QAM	1	0	17.91	18.00	17.87	19	1.7
1.4	256QAM	1	3	17.89	17.91	17.86		
1.4	256QAM	1	5	17.86	17.93	17.66		
1.4	256QAM	3	0	17.88	17.94	17.77		
1.4	256QAM	3	1	17.73	17.77	17.73		
1.4	256QAM	3	3	17.77	17.73	17.79		
1.4	256QAM	6	0	17.81	17.81	17.71	19	1.7

Band 4 Ant1

BW [MHz]	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	18.58	18.60	18.54	19.7	0
20	QPSK	1	49	18.56	18.62	18.58		
20	QPSK	1	99	18.55	18.55	18.58		
20	QPSK	50	0	18.54	18.61	18.60		
20	QPSK	50	24	18.57	18.52	18.55		
20	QPSK	50	50	18.47	18.53	18.49		
20	QPSK	100	0	18.58	18.60	18.55		
20	16QAM	1	0	18.56	18.56	18.58	19.7	0
20	16QAM	1	49	18.54	18.61	18.48		
20	16QAM	1	99	18.62	18.57	18.53		
20	16QAM	50	0	18.54	18.59	18.54		
20	16QAM	50	24	18.62	18.53	18.55		
20	16QAM	50	50	18.52	18.60	18.50		
20	16QAM	100	0	18.48	18.57	18.60		
20	64QAM	1	0	18.52	18.54	18.60	19.7	0
20	64QAM	1	49	18.50	18.47	18.52		
20	64QAM	1	99	18.52	18.54	18.48		
20	64QAM	50	0	18.61	18.52	18.51	19.7	0
20	64QAM	50	24	18.47	18.48	18.48		
20	64QAM	50	50	18.48	18.56	18.53		
20	64QAM	100	0	18.59	18.61	18.57		
20	256QAM	1	0	18.54	18.62	18.50	19.1	0.6
20	256QAM	1	49	18.62	18.52	18.55		
20	256QAM	1	99	18.47	18.47	18.62		
20	256QAM	50	0	18.58	18.55	18.55	19.1	0.6
20	256QAM	50	24	18.60	18.61	18.58		
20	256QAM	50	50	18.56	18.62	18.51		
20	256QAM	100	0	18.53	18.58	18.56		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.50	18.58	18.40	19.7	0
15	QPSK	1	37	18.43	18.56	18.45		
15	QPSK	1	74	18.43	18.43	18.56		
15	QPSK	36	0	18.47	18.46	18.48	19.7	0
15	QPSK	36	20	18.46	18.50	18.50		
15	QPSK	36	39	18.36	18.43	18.36		
15	QPSK	75	0	18.51	18.51	18.47		
15	16QAM	1	0	18.48	18.42	18.52	19.7	0
15	16QAM	1	37	18.43	18.50	18.42		
15	16QAM	1	74	18.59	18.55	18.49		
15	16QAM	36	0	18.42	18.44	18.45	19.7	0
15	16QAM	36	20	18.59	18.41	18.50		
15	16QAM	36	39	18.40	18.50	18.34		
15	16QAM	75	0	18.42	18.48	18.56		
15	64QAM	1	0	18.46	18.50	18.56	19.7	0
15	64QAM	1	37	18.44	18.40	18.35		
15	64QAM	1	74	18.40	18.43	18.42		
15	64QAM	36	0	18.57	18.48	18.36	19.7	0
15	64QAM	36	20	18.44	18.35	18.45		
15	64QAM	36	39	18.34	18.50	18.46		
15	64QAM	75	0	18.44	18.54	18.52		
15	256QAM	1	0	18.43	18.48	18.36	19.1	0.6
15	256QAM	1	37	18.50	18.49	18.53		
15	256QAM	1	74	18.44	18.31	18.44		
15	256QAM	36	0	18.46	18.38	18.40	19.1	0.6
15	256QAM	36	20	18.57	18.44	18.44		
15	256QAM	36	39	18.44	18.57	18.46		
15	256QAM	75	0	18.44	18.54	18.40		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.46	18.51	18.44	19.7	0
10	QPSK	1	25	18.42	18.46	18.42		
10	QPSK	1	49	18.49	18.46	18.55		
10	QPSK	25	0	18.51	18.37	18.53	19.7	0
10	QPSK	25	12	18.50	18.45	18.48		
10	QPSK	25	25	18.42	18.38	18.45		
10	QPSK	50	0	18.51	18.49	18.44		
10	16QAM	1	0	18.46	18.45	18.43	19.7	0
10	16QAM	1	25	18.52	18.50	18.35		
10	16QAM	1	49	18.57	18.44	18.39		
10	16QAM	25	0	18.48	18.57	18.50	19.7	0
10	16QAM	25	12	18.49	18.49	18.52		
10	16QAM	25	25	18.42	18.46	18.46		
10	16QAM	50	0	18.38	18.42	18.46		
10	64QAM	1	0	18.45	18.40	18.52	19.7	0
10	64QAM	1	25	18.43	18.38	18.34		
10	64QAM	1	49	18.38	18.37	18.43		
10	64QAM	25	0	18.46	18.43	18.46	19.7	0
10	64QAM	25	12	18.37	18.33	18.33		
10	64QAM	25	25	18.31	18.44	18.43		
10	64QAM	50	0	18.46	18.59	18.44		
10	256QAM	1	0	18.44	18.52	18.35	19.1	0.6
10	256QAM	1	25	18.44	18.55	18.39		
10	256QAM	1	49	18.39	18.39	18.55		
10	256QAM	25	0	18.42	18.50	18.47	19.1	0.6
10	256QAM	25	12	18.57	18.43	18.46		
10	256QAM	25	25	18.45	18.56	18.36		
10	256QAM	50	0	18.41	18.46	18.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.42	18.50	18.50	19.7	0
5	QPSK	1	12	18.40	18.55	18.41		
5	QPSK	1	24	18.39	18.50	18.44		
5	QPSK	12	0	18.39	18.47	18.45	19.7	0
5	QPSK	12	7	18.55	18.57	18.45		
5	QPSK	12	13	18.37	18.48	18.42		
5	QPSK	25	0	18.44	18.43	18.38		
5	16QAM	1	0	18.55	18.52	18.49	19.7	0
5	16QAM	1	12	18.37	18.56	18.33		
5	16QAM	1	24	18.57	18.48	18.51		
5	16QAM	12	0	18.37	18.51	18.41	19.7	0
5	16QAM	12	7	18.57	18.40	18.48		
5	16QAM	12	13	18.37	18.47	18.45		
5	16QAM	25	0	18.45	18.51	18.48		
5	64QAM	1	0	18.42	18.52	18.59	19.7	0
5	64QAM	1	12	18.46	18.34	18.37		
5	64QAM	1	24	18.43	18.51	18.30		
5	64QAM	12	0	18.47	18.49	18.43	19.7	0
5	64QAM	12	7	18.43	18.36	18.37		
5	64QAM	12	13	18.40	18.44	18.47		
5	64QAM	25	0	18.44	18.48	18.42		
5	256QAM	1	0	18.38	18.55	18.39	19.1	0.6
5	256QAM	1	12	18.46	18.46	18.40		
5	256QAM	1	24	18.44	18.30	18.53		
5	256QAM	12	0	18.47	18.39	18.48	19.1	0.6
5	256QAM	12	7	18.47	18.51	18.45		
5	256QAM	12	13	18.45	18.60	18.38		
5	256QAM	25	0	18.44	18.56	18.54		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.52	18.57	18.47	19.7	0
3	QPSK	1	8	18.42	18.49	18.45		
3	QPSK	1	14	18.51	18.51	18.46		
3	QPSK	8	0	18.44	18.41	18.50	19.7	0
3	QPSK	8	4	18.49	18.57	18.44		
3	QPSK	8	7	18.34	18.40	18.33		
3	QPSK	15	0	18.50	18.47	18.42		
3	16QAM	1	0	18.46	18.40	18.55	19.7	0
3	16QAM	1	8	18.52	18.44	18.32		
3	16QAM	1	14	18.54	18.40	18.43		
3	16QAM	8	0	18.41	18.48	18.51	19.7	0
3	16QAM	8	4	18.58	18.49	18.42		
3	16QAM	8	7	18.34	18.46	18.40		
3	16QAM	15	0	18.40	18.54	18.46		
3	64QAM	1	0	18.48	18.46	18.47	19.7	0
3	64QAM	1	8	18.42	18.37	18.39		
3	64QAM	1	14	18.35	18.45	18.33		
3	64QAM	8	0	18.58	18.38	18.39	19.7	0
3	64QAM	8	4	18.32	18.39	18.36		
3	64QAM	8	7	18.34	18.47	18.42		
3	64QAM	15	0	18.56	18.53	18.41		
3	256QAM	1	0	18.38	18.57	18.42	19.1	0.6
3	256QAM	1	8	18.45	18.49	18.37		
3	256QAM	1	14	18.42	18.35	18.50		
3	256QAM	8	0	18.45	18.43	18.42	19.1	0.6
3	256QAM	8	4	18.45	18.55	18.47		
3	256QAM	8	7	18.53	18.61	18.42		
3	256QAM	15	0	18.35	18.41	18.49		
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	18.61	18.36	19.7	0
1.4	QPSK	1	3	18.53	18.59	18.44		
1.4	QPSK	1	5	18.46	18.52	18.54		
1.4	QPSK	3	0	18.49	18.50	18.46		
1.4	QPSK	3	1	18.40	18.55	18.45		
1.4	QPSK	3	3	18.32	18.42	18.37		
1.4	QPSK	6	0	18.41	18.53	18.37	19.7	0
1.4	16QAM	1	0	18.40	18.44	18.47	19.7	0
1.4	16QAM	1	3	18.43	18.43	18.35		
1.4	16QAM	1	5	18.57	18.43	18.44		
1.4	16QAM	3	0	18.42	18.44	18.41		
1.4	16QAM	3	1	18.54	18.50	18.49		
1.4	16QAM	3	3	18.46	18.48	18.37		
1.4	16QAM	6	0	18.42	18.55	18.55	19.7	0
1.4	64QAM	1	0	18.45	18.50	18.54	19.7	0
1.4	64QAM	1	3	18.35	18.43	18.46		
1.4	64QAM	1	5	18.34	18.52	18.45		
1.4	64QAM	3	0	18.57	18.40	18.35		
1.4	64QAM	3	1	18.33	18.41	18.42		
1.4	64QAM	3	3	18.44	18.49	18.38		
1.4	64QAM	6	0	18.49	18.45	18.52	19.7	0
1.4	256QAM	1	0	18.38	18.45	18.40	19.1	0.6
1.4	256QAM	1	3	18.51	18.53	18.52		
1.4	256QAM	1	5	18.32	18.39	18.45		
1.4	256QAM	3	0	18.46	18.41	18.45		
1.4	256QAM	3	1	18.55	18.46	18.44		
1.4	256QAM	3	3	18.39	18.49	18.35		
1.4	256QAM	6	0	18.44	18.49	18.46	19.1	0.6

Band 7 Ant1

BW [MHz]	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	18.44	18.55	18.37	19.4	0
20	QPSK	1	49	18.37	18.23	18.46		
20	QPSK	1	99	18.38	18.40	18.27		
20	QPSK	50	0	18.27	18.60	18.32		
20	QPSK	50	24	18.43	18.31	18.34		
20	QPSK	50	50	18.29	18.44	18.42		
20	QPSK	100	0	18.32	18.48	18.47		
20	16QAM	1	0	18.39	18.48	18.38	19.4	0
20	16QAM	1	49	18.42	18.33	18.37		
20

Band 25 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.65	19.72	19.67		
20	QPSK	1	49	19.66	19.62	19.64	20.7	0
20	QPSK	1	99	19.59	19.69	19.54		
20	QPSK	50	0	19.57	19.68	19.56		
20	QPSK	50	24	19.56	19.65	19.60	20.7	0
20	QPSK	50	50	19.64	19.60	19.61		
20	QPSK	100	0	19.63	19.67	19.61		
20	16QAM	1	0	19.59	19.55	19.69		
20	16QAM	1	49	19.70	19.62	19.65	20.7	0
20	16QAM	1	99	19.67	19.55	19.58		
20	16QAM	50	0	19.62	19.63	19.67		
20	16QAM	50	24	19.67	19.67	19.57	20.7	0
20	16QAM	50	50	19.60	19.64	19.56		
20	16QAM	100	0	19.58	19.56	19.68		
20	64QAM	1	0	19.55	19.67	19.59		
20	64QAM	1	49	19.61	19.64	19.54	20.7	0
20	64QAM	1	99	19.63	19.70	19.63		
20	64QAM	50	0	19.68	19.63	19.57		
20	64QAM	50	24	19.63	19.55	19.66	20.7	0
20	64QAM	50	50	19.55	19.66	19.61		
20	64QAM	100	0	19.68	19.67	19.67		
20	256QAM	1	0	17.98	18.09	18.02		
20	256QAM	1	49	17.96	17.96	17.88	19	1.7
20	256QAM	1	99	17.85	18.03	17.83		
20	256QAM	50	0	17.94	18.05	17.80		
20	256QAM	50	24	17.94	17.94	17.95	19	1.7
20	256QAM	50	50	17.87	17.92	17.83		
20	256QAM	100	0	17.87	17.90	17.90		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.52	19.63	19.55		
15	QPSK	1	37	19.48	19.57	19.56	20.7	0
15	QPSK	1	74	19.51	19.57	19.44		
15	QPSK	36	0	19.54	19.59	19.51		
15	QPSK	36	20	19.42	19.54	19.53	20.7	0
15	QPSK	36	39	19.60	19.47	19.54		
15	QPSK	75	0	19.47	19.56	19.55		
15	16QAM	1	0	19.56	19.40	19.59		
15	16QAM	1	37	19.65	19.60	19.60	20.7	0
15	16QAM	1	74	19.52	19.43	19.44		
15	16QAM	36	0	19.59	19.49	19.60		
15	16QAM	36	20	19.54	19.55	19.49	20.7	0
15	16QAM	36	39	19.47	19.49	19.39		
15	16QAM	75	0	19.45	19.48	19.58		
15	64QAM	1	0	19.43	19.58	19.52		
15	64QAM	1	37	19.51	19.49	19.43	20.7	0
15	64QAM	1	74	19.51	19.57	19.52		
15	64QAM	36	0	19.59	19.47	19.41		
15	64QAM	36	20	19.59	19.45	19.52	20.7	0
15	64QAM	36	39	19.42	19.59	19.49		
15	64QAM	75	0	19.53	19.52	19.57		
15	256QAM	1	0	17.96	18.09	17.99		
15	256QAM	1	37	17.98	17.97	17.93	19	1.7
15	256QAM	1	74	17.83	18.04	17.78		
15	256QAM	36	0	17.94	17.91	17.84		
15	256QAM	36	20	17.88	17.88	17.85	19	1.7
15	256QAM	36	39	17.95	17.87	17.96		
15	256QAM	75	0	17.93	18.05	17.86		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.59	19.55	19.51		
10	QPSK	1	25	19.51	19.47	19.60	20.7	0
10	QPSK	1	49	19.45	19.64	19.46		
10	QPSK	25	0	19.40	19.55	19.45		
10	QPSK	25	12	19.48	19.55	19.46	20.7	0
10	QPSK	25	25	19.48	19.46	19.56		
10	QPSK	50	0	19.46	19.52	19.56		
10	16QAM	1	0	19.54	19.50	19.61		
10	16QAM	1	25	19.53	19.57	19.58	20.7	0
10	16QAM	1	49	19.55	19.41	19.47		
10	16QAM	25	0	19.59	19.48	19.63		
10	16QAM	25	12	19.57	19.65	19.40	20.7	0
10	16QAM	25	25	19.55	19.59	19.48		
10	16QAM	50	0	19.44	19.53	19.52		
10	64QAM	1	0	19.50	19.51	19.42		
10	64QAM	1	25	19.49	19.59	19.43	20.7	0
10	64QAM	1	49	19.48	19.58	19.59		
10	64QAM	25	0	19.55	19.54	19.52		
10	64QAM	25	12	19.57	19.42	19.56	20.7	0
10	64QAM	25	25	19.53	19.52	19.47		
10	64QAM	50	0	19.64	19.52	19.56		
10	256QAM	1	0	17.95	18.04	17.93		
10	256QAM	1	25	18.01	17.94	17.88	19	1.7
10	256QAM	1	49	17.84	17.98	17.84		
10	256QAM	25	0	17.81	17.91	17.87		
10	256QAM	25	12	17.90	17.98	17.96	19	1.7
10	256QAM	25	25	17.90	17.84	17.84		
10	256QAM	50	0	17.91	17.96	17.96		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.63	19.54	19.51		
5	QPSK	1	12	19.57	19.44	19.54	20.7	0
5	QPSK	1	24	19.47	19.56	19.48		
5	QPSK	12	0	19.53	19.60	19.43		
5	QPSK	12	7	19.38	19.51	19.55	20.7	0
5	QPSK	12	13	19.52	19.58	19.55		
5	QPSK	25	0	19.46	19.56	19.54		
5	16QAM	1	0	19.52	19.38	19.61		
5	16QAM	1	12	19.58	19.50	19.52	20.7	0
5	16QAM	1	24	19.61	19.49	19.49		
5	16QAM	12	0	19.52	19.46	19.54		
5	16QAM	12	7	19.57	19.64	19.40	20.7	0
5	16QAM	12	13	19.47	19.51	19.41		
5	16QAM	25	0	19.45	19.48	19.54		
5	64QAM	1	0	19.50	19.59	19.56		
5	64QAM	1	12	19.50	19.61	19.41	20.7	0
5	64QAM	1	24	19.60	19.55	19.48		
5	64QAM	12	0	19.54	19.55	19.46		
5	64QAM	12	7	19.61	19.40	19.51	20.7	0
5	64QAM	12	13	19.40	19.58	19.52		
5	64QAM	25	0	19.66	19.63	19.58		
5	256QAM	1	0	17.94	18.04	17.90		
5	256QAM	1	12	17.89	17.94	17.89	19	1.7
5	256QAM	1	24	17.88	18.00	17.88		
5	256QAM	12	0	17.88	18.02	17.87		
5	256QAM	12	7	17.82	17.97	17.87	19	1.7
5	256QAM	12	13	17.93	17.90	17.86		
5	256QAM	25	0	17.90	18.05	17.98		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.61	19.68	19.49		
3	QPSK	1	8	19.58	19.53	19.51	20.7	0
3	QPSK	1	14	19.42	19.63	19.39		
3	QPSK	8	0	19.45	19.61	19.51		
3	QPSK	8	4	19.41	19.53	19.48	20.7	0
3	QPSK	8	7	19.49	19.52	19.50		
3	QPSK	15	0	19.59	19.56	19.46		
3	16QAM	1	0	19.46	19.47	19.66		
3	16QAM	1	8	19.55	19.51	19.56	20.7	0
3	16QAM	1	14	19.60	19.39	19.44		
3	16QAM	8	0	19.59	19.45	19.52		
3	16QAM	8	4	19.61	19.64	19.47	20.7	0
3	16QAM	8	7	19.43	19.56	19.50		
3	16QAM	15	0	19.53	19.47	19.51		
3	64QAM	1	0	19.46	19.61	19.45		
3	64QAM	1	8	19.47	19.60	19.36	20.7	0
3	64QAM	1	14	19.59	19.59	19.49		
3	64QAM	8	0	19.53	19.53	19.44		
3	64QAM	8	4	19.49	19.41	19.62	20.7	0
3	64QAM	8	7	19.45	19.53	19.45		
3	64QAM	15	0	19.50	19.61	19.51		
3	256QAM	1	0	17.87	18.09	17.95		
3	256QAM	1	8	17.96	17.93	17.91	19	1.7
3	256QAM	1	14	17.84	18.00	17.84		
3	256QAM	8	0	17.89	18.01	17.88		
3	256QAM	8	4	17.89	18.00	17.82	19	1.7
3	256QAM	8	7	17.99	17.94	17.85		
3	256QAM	15	0	18.00	17.90	17.91		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.56	19.55	19.64		
1.4	QPSK	1	3	19.60	19.58	19.51		
1.4	QPSK	1	5	19.54	19.65	19.40	20.7	0
1.4	QPSK	3	0	19.51	19.53	19.41		
1.4	QPSK	3	1	19.48	19.50	19.54		
1.4	QPSK	3	3	19.53	19.48	19.48		
1.4	QPSK	6	0	19.51	19.58	19.54	20.7	0
1.4	16QAM	1	0	19.44	19.37	19.61		
1.4	16QAM	1	3	19.54	19.56	19.51		
1.4	16QAM	1	5	19.52	19.52	19.40	20.7	0
1.4	16QAM	3	0	19.48	19.46	19.61		
1.4	16QAM	3	1	19.50	19.62	19.52		
1.4	16QAM	3	3	19.49	19.54	19.46		
1.4	16QAM	6	0	19.43	19.53	19.52	20.7	0
1.4	64QAM	1	0	19.44	19.49	19.43		
1.4	64QAM	1	3	19.56	19.51	19.50		
1.4	64QAM	1	5	19.49	19.53	19.51	20.7	0
1.4	64QAM	3	0	19.55	19.58	19.47		
1.4	64QAM	3	1	19.47	19.48	19.51		
1.4	64QAM	3	3	19.41	19.61	19.48		
1.4	64QAM	6	0	19.54	19.64	19.62	20.7	0
1.4	256QAM	1	0	17.91	18.00	17.90		
1.4	256QAM	1	3	17.89	17.95	17.94		
1.4	256QAM	1	5	17.92	17.99	17.91	19	1.7
1.4	256QAM	3	0	17.87	17.91	17.87		
1.4	256QAM	3	1	17.89	17.88	17.85		
1.4	256QAM	3	3	17.97	17.97	17.89		
1.4	256QAM	6	0	17.87	18.03	17.86	19	1.7

Band 66

BW [MHz]	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	18.54	18.65	18.56		
20	QPSK	1	49	18.58	18.52	18.53	19.7	0
20	QPSK	1	99	18.53	18.59	18.48		
20	QPSK	50	0	18.49	18.61	18.55		
20	QPSK	50	24	18.58	18.50	18.50	19.7	0
20	QPSK	50	50	18.59	18.57	18.53		
20	QPSK	100	0	18.58	18.60	18.48		
20	16QAM	1	0	18.57	18.50	18.51		
20	16QAM	1	49	18.62	18.48	18.54	19.7	0
20	16QAM	1	99	18.54	18.61	18.58		
20	16QAM	50	0	18.62	18.53	18.49		
20	16QAM	50	24	18.55	18.48	18.48	19.7	0
20	16QAM	50	50	18.57	18.56	18.54		
20	16QAM	100	0	18.56	18.55	18.56		
20	64QAM	1	0	18.59	18.58	18.62		
20	64QAM	1	49	18.59	18.52	18.49	19.7	0
20	64QAM	1	99	18.52	18.55	18.48		
20	64QAM	50	0	18.58	18.50	18.60		
20	64QAM	50	24	18.57	18.56	18.59	19.7	0
20	64QAM	50	50	18.57	18.49	18.60		
20	64QAM	100	0	18.57	18.62	18.52		
20	256QAM	1	0	18.63	18.48	18.52		
20	256QAM	1	49	18.49	18.61	18.62	19.1	0.6
20	256QAM	1	99	18.56	18.62	18.49		
20	256QAM	50	0	18.56	18.47	18.58		
20	256QAM	50	24	18.60	18.60	18.54	19.1	0.6
20	256QAM	50	50	18.49	18.59	18.52		
20	256QAM	100	0	18.48	18.60	18.58		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.46	18.54	18.41		
15	QPSK	1	37	18.48	18.49	18.43	19.7	0
15	QPSK	1	74	18.48	18.49	18.37		
15	QPSK	36	0	18.45	18.50	18.38		
15	QPSK	36	20	18.44	18.39	18.40	19.7	0
15	QPSK	36	39	18.51	18.44	18.45		
15	QPSK	75	0	18.56	18.46	18.42		
15	16QAM	1	0	18.47	18.33	18.43		
15	16QAM	1	37	18.52	18.37	18.49	19.7	0
15	16QAM	1	74	18.50	18.44	18.48		
15	16QAM	36	0	18.54	18.42	18.40		
15	16QAM	36	20	18.47	18.38	18.34	19.7	0
15	16QAM	36	39	18.43	18.50	18.41		
15	16QAM	75	0	18.43	18.41	18.48		
15	64QAM	1	0	18.47	18.53	18.44		
15	64QAM	1	37	18.54	18.36	18.41	19.7	0
15	64QAM	1	74	18.34	18.45	18.45		
15	64QAM	36	0	18.47	18.42	18.47		
15	64QAM	36	20	18.45	18.53	18.42	19.7	0
15	64QAM	36	39	18.42	18.41	18.48		
15	64QAM	75	0	18.47	18.49	18.50		
15	256QAM	1	0	18.56	18.33	18.41		
15	256QAM	1	37	18.42	18.47	18.60	19.1	0.6
15	256QAM	1	74	18.54	18.49	18.39		
15	256QAM	36	0	18.47	18.44	18.43		
15	256QAM	36	20	18.47	18.44	18.43	19.1	0.6
15	256QAM	36	39	18.32	18.43	18.43		
15	256QAM	75	0	18.38	18.44	18.48		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.46	18.60	18.41		
10	QPSK	1	25	18.42	18.46	18.38	19.7	0
10	QPSK	1	49	18.46	18.47	18.39		
10	QPSK	25	0	18.34	18.59	18.44		
10	QPSK	25	12	18.41	18.43	18.35	19.7	0
10	QPSK	25	25	18.42	18.42	18.42		
10	QPSK	50	0	18.54	18.50	18.38		
10	16QAM	1	0	18.39	18.47	18.44		
10	16QAM	1	25	18.55	18.33	18.41	19.7	0
10	16QAM	1	49	18.51	18.44	18.54		
10	16QAM	25	0	18.46	18.41	18.41		
10	16QAM	25	12	18.50	18.32	18.31	19.7	0
10	16QAM	25	25	18.43	18.42	18.40		
10	16QAM	50	0	18.42	18.45	18.44		
10	64QAM	1	0	18.43	18.45	18.60		
10	64QAM	1	25	18.57	18.41	18.37	19.7	0
10	64QAM	1	49	18.49	18.42	18.34		
10	64QAM	25	0	18.46	18.46	18.44		
10	64QAM	25	12	18.48	18.39	18.47	19.7	0
10	64QAM	25	25	18.41	18.32	18.46		
10	64QAM	50	0	18.41	18.57	18.45		
10	256QAM	1	0	18.47	18.36	18.34		
10	256QAM	1	25	18.40	18.56	18.45	19.1	0.6
10	256QAM	1	49	18.53	18.57	18.41		
10	256QAM	25	0	18.40	18.34	18.53		
10	256QAM	25	12	18.43	18.48	18.51	19.1	0.6
10	256QAM	25	25	18.32	18.57	18.36		
10	256QAM	50	0	18.40	18.43	18.40		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.44	18.53	18.50		
5	QPSK	1	12	18.51	18.48	18.39	19.7	0
5	QPSK	1	24	18.39	18.57	18.38		
5	QPSK	12	0	18.41	18.44	18.48		
5	QPSK	12	7	18.41	18.47	18.48	19.7	0
5	QPSK	12	13	18.41	18.43	18.44		
5	QPSK	25	0	18.56	18.49	18.39		
5	16QAM	1	0	18.52	18.39	18.35		
5	16QAM	1	12	18.58	18.42	18.44	19.7	0
5	16QAM	1	24	18.40	18.58	18.51		
5	16QAM	12	0	18.47	18.49	18.36		
5	16QAM	12	7	18.52	18.41	18.41	19.7	0
5	16QAM	12	13	18.40	18.38	18.52		
5	16QAM	25	0	18.52	18.46	18.51		
5	64QAM	1	0	18.49	18.46	18.52		
5	64QAM	1	12	18.48	18.35	18.36	19.7	0
5	64QAM	1	24	18.46	18.43	18.41		
5	64QAM	12	0	18.50	18.36	18.51		
5	64QAM	12	7	18.44	18.44	18.53	19.7	0
5	64QAM	12	13	18.42	18.32	18.44		
5	64QAM	25	0	18.53	18.46	18.37		
5	256QAM	1	0	18.57	18.36	18.48		
5	256QAM	1	12	18.44	18.45	18.46	19.1	0.6
5	256QAM	1	24	18.40	18.55	18.35		
5	256QAM	12	0	18.51	18.45	18.51		
5	256QAM	12	7	18.54	18.53	18.40	19.1	0.6
5	256QAM	12	13	18.40	18.42	18.45		
5	256QAM	25	0	18.33	18.52	18.52		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.45	18.58	18.48		
3	QPSK	1	8	18.49	18.49	18.39	19.7	0
3	QPSK	1	14	18.46	18.49	18.31		
3	QPSK	8	0	18.32	18.59	18.45		
3	QPSK	8	4	18.46	18.41	18.45	19.7	0
3	QPSK	8	7	18.41	18.46	18.38		
3	QPSK	15	0	18.49	18.54	18.41		
3	16QAM	1	0	18.46	18.34	18.48		
3	16QAM	1	8	18.52	18.33	18.39	19.7	0
3	16QAM	1	14	18.39	18.46	18.55		
3	16QAM	8	0	18.51	18.38	18.34		
3	16QAM	8	4	18.41	18.42	18.36	19.7	0
3	16QAM	8	7	18.47	18.48	18.47		
3	16QAM	15	0	18.46	18.43	18.40		
3	64QAM	1	0	18.42	18.40	18.59		
3	64QAM	1	8	18.42	18.47	18.32	19.7	0
3	64QAM	1	14	18.49	18.45	18.46		
3	64QAM	8	0	18.55	18.47	18.58		
3	64QAM	8	4	18.44	18.52	18.47	19.7	0
3	64QAM	8	7	18.47	18.32	18.50		
3	64QAM	15	0	18.46	18.53	18.45		
3	256QAM	1	0	18.52	18.42	18.46	19.1	0.6
3	256QAM	1	8	18.36	18.50	18.58		
3	256QAM	1	14	18.53	18.57	18.41		
3	256QAM	8	0	18.44	18.33	18.46		
3	256QAM	8	4	18.45	18.43	18.39	19.1	0.6
3	256QAM	8	7	18.47	18.50	18.42		
3	256QAM	15	0	18.42	18.55	18.42		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.40	18.57	18.51		
1.4	QPSK	1	3	18.56	18.39	18.37		
1.4	QPSK	1	5	18.35	18.51	18.34	19.7	0
1.4	QPSK	3	0	18.35	18.49	18.44		
1.4	QPSK	3	1	18.48	18.45	18.46		
1.4	QPSK	3	3	18.52	18.49	18.42		
1.4	QPSK	6	0	18.51	18.57	18.31	19.7	0
1.4	16QAM	1	0	18.48	18.41	18.46		
1.4	16QAM	1	3	18.53	18.31	18.41		
1.4	16QAM	1	5	18.49	18.59	18.49	19.7	0
1.4	16QAM	3	0	18.46	18.39	18.33		
1.4	16QAM	3	1	18.43	18.41	18.33		
1.4	16QAM	3	3	18.49	18.41	18.38		
1.4	16QAM	6	0	18.43	18.38	18.50	19.7	0
1.4	64QAM	1	0	18.50	18.50	18.59		
1.4	64QAM	1	3	18.51	18.46	18.35		
1.4	64QAM	1	5	18.43	18.41	18.43	19.7	0
1.4	64QAM	3	0	18.41	18.40	18.57		
1.4	64QAM	3	1	18.48	18.47	18.56		
1.4	64QAM	3	3	18.43	18.34	18.50		
1.4	64QAM	6	0	18.44	18.50	18.45	19.7	0
1.4	256QAM	1	0	18.54	18.36	18.50		
1.4	256QAM	1	3	18.39	18.47	18.45		
1.4	256QAM	1	5	18.44	18.48	18.35	19.1	0.6
1.4	256QAM	3	0	18.49	18.32	18.46		
1.4	256QAM	3	1	18.49	18.44	18.46		
1.4	256QAM	3	3	18.46	18.41	18.35		
1.4	256QAM	6	0	18.46	18.49	18.55	19.1	0.6

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BW [MHz]	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	21.11	21.26	21.24	22.9	0
20	QPSK	1	49	21.19	21.13	21.19		
20	QPSK	1	99	21.14	21.11	21.17		
20	QPSK	50	0	21.20	21.23	21.21	22.9	0
20	QPSK	50	24	21.21	21.15	21.19		
20	QPSK	50	50	21.22	21.19	21.11		
20	QPSK	100	0	21.14	21.20	21.14		
20	16QAM	1	0	21.14	21.24	21.18	22.9	0
20	16QAM	1	49	21.20	21.24	21.15		
20	16QAM	1	99	21.23	21.25	21.16		
20	16QAM	50	0	21.21	21.14	21.21	22	0.9
20	16QAM	50	24	21.24	21.14	21.23		
20	16QAM	50	50	21.20	21.21	21.10		
20	16QAM	100	0	21.17	21.21	21.17		
20	64QAM	1	0	21.15	21.14	21.19	22	0.9
20	64QAM	1	49	21.15	21.18	21.23		
20	64QAM	1	99	21.14	21.14	21.22		
20	64QAM	50	0	20.72	20.70	20.78	21	1.9
20	64QAM	50	24	20.76	20.70	20.60		
20	64QAM	50	50	20.69	20.77	20.62		
20	64QAM	100	0	20.74	20.77	20.74		
20	256QAM	1	0	18.62	18.69	18.67	19	3.9
20	256QAM	1	49	18.68	18.65	18.63		
20	256QAM	1	99	18.62	18.63	18.77		
20	256QAM	50	0	18.61	18.72	18.78	19	3.9
20	256QAM	50	24	18.76	18.69	18.69		
20	256QAM	50	50	18.59	18.62	18.72		
20	256QAM	100	0	18.72	18.71	18.71		
Channel				37625	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.99	21.21	21.17	22.9	0
15	QPSK	1	37	21.05	20.95	21.12		
15	QPSK	1	74	21.07	21.04	21.20		
15	QPSK	36	0	21.04	21.07	21.04	22.9	0
15	QPSK	36	20	21.11	21.01	21.03		
15	QPSK	36	39	21.16	21.09	20.94		
15	QPSK	75	0	21.09	21.06	21.10		
15	16QAM	1	0	21.07	21.17	21.09	22.9	0
15	16QAM	1	37	21.14	21.14	21.03		
15	16QAM	1	74	21.06	21.12	21.04		
15	16QAM	36	0	21.05	21.04	21.14	22	0.9
15	16QAM	36	20	21.09	21.10	21.06		
15	16QAM	36	39	21.03	21.08	21.09		
15	16QAM	75	0	21.07	21.05	21.07		
15	64QAM	1	0	21.08	21.11	21.02	22	0.9
15	64QAM	1	37	21.03	21.05	21.23		
15	64QAM	1	74	20.96	21.13	21.09		
15	64QAM	36	0	20.60	20.67	20.69	21	1.9
15	64QAM	36	20	20.61	20.57	20.50		
15	64QAM	36	39	20.58	20.64	20.56		
15	64QAM	75	0	20.64	20.62	20.68		
15	256QAM	1	0	18.59	18.52	18.52	19	3.9
15	256QAM	1	37	18.65	18.54	18.49		
15	256QAM	1	74	18.58	18.50	18.72		
15	256QAM	36	0	18.51	18.60	18.74	19	3.9
15	256QAM	36	20	18.68	18.55	18.59		
15	256QAM	36	39	18.48	18.45	18.54		
15	256QAM	75	0	18.63	18.63	18.61		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.96	21.22	21.11	22.9	0
10	QPSK	1	25	21.13	21.02	21.14		
10	QPSK	1	49	20.99	21.05	21.14		
10	QPSK	25	0	21.13	21.12	21.07	22.9	0
10	QPSK	25	12	21.12	20.99	21.05		
10	QPSK	25	25	21.08	21.02	20.95		
10	QPSK	50	0	20.99	21.11	21.08		
10	16QAM	1	0	21.06	21.22	21.05	22.9	0
10	16QAM	1	25	21.09	21.12	21.04		
10	16QAM	1	49	21.21	21.17	21.01		
10	16QAM	25	0	21.06	21.06	21.16	22	0.9
10	16QAM	25	12	21.19	21.02	21.20		
10	16QAM	25	25	21.07	21.06	21.21		
10	16QAM	50	0	21.14	21.10	21.10		
10	64QAM	1	0	21.09	21.08	21.13	22	0.9
10	64QAM	1	25	21.02	21.13	21.20		
10	64QAM	1	49	20.97	21.20	21.15		
10	64QAM	25	0	20.64	20.66	20.67	21	1.9
10	64QAM	25	12	20.59	20.53	20.47		
10	64QAM	25	25	20.57	20.61	20.49		
10	64QAM	50	0	20.59	20.66	20.60		
10	256QAM	1	0	18.54	18.56	18.60	19	3.9
10	256QAM	1	25	18.52	18.52	18.59		
10	256QAM	1	49	18.59	18.46	18.66		
10	256QAM	25	0	18.58	18.65	18.62	19	3.9
10	256QAM	25	12	18.61	18.56	18.59		
10	256QAM	25	25	18.52	18.47	18.65		
10	256QAM	50	0	18.65	18.56	18.53		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.08	21.16	21.17	22.9	0
5	QPSK	1	12	21.04	21.01	21.06		
5	QPSK	1	24	21.07	21.03	21.18		
5	QPSK	12	0	21.02	21.21	21.13	22.9	0
5	QPSK	12	7	21.11	20.98	21.07		
5	QPSK	12	13	21.12	21.09	20.98		
5	QPSK	25	0	21.12	21.13	21.07		
5	16QAM	1	0	21.06	21.17	21.09	22.9	0
5	16QAM	1	12	21.24	21.20	21.03		
5	16QAM	1	24	21.07	21.15	20.99		
5	16QAM	12	0	21.16	20.99	21.15	22	0.9
5	16QAM	12	7	21.14	20.97	21.14		
5	16QAM	12	13	21.15	21.17	21.10		
5	16QAM	25	0	21.07	21.17	21.04		
5	64QAM	1	0	21.02	21.10	21.14	22	0.9
5	64QAM	1	12	21.13	21.00	21.22		
5	64QAM	1	24	21.06	21.12	21.18		
5	64QAM	12	0	20.59	20.56	20.68	21	1.9
5	64QAM	12	7	20.63	20.57	20.55		
5	64QAM	12	13	20.54	20.68	20.56		
5	64QAM	25	0	20.56	20.62	20.69		
5	256QAM	1	0	18.45	18.57	18.64	19	3.9
5	256QAM	1	12	18.50	18.59	18.45		
5	256QAM	1	24	18.57	18.54	18.72		
5	256QAM	12	0	18.43	18.66	18.72	19	3.9
5	256QAM	12	7	18.70	18.55	18.66		
5	256QAM	12	13	18.54	18.46	18.58		
5	256QAM	25	0	18.59	18.57	18.57		

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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	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.19	21.22	21.29	21.23	21.19	22.9	0
20	QPSK	1	49	21.12	21.15	21.22	21.17	21.12		
20	QPSK	1	99	21.21	21.26	21.21	21.11	21.13		
20	QPSK	50	0	21.12	21.22	21.25	21.11	21.12	22.9	0
20	QPSK	50	24	21.24	21.21	21.19	21.23	21.22		
20	QPSK	50	50	21.17	21.23	21.20	21.16	21.15		
20	QPSK	100	0	21.13	21.20	21.22	21.12	21.20		
20	16QAM	1	0	21.19	21.15	21.23	21.21	21.27	22.9	0
20	16QAM	1	49	21.18	21.13	21.23	21.22	21.16		
20	16QAM	1	99	21.12	21.21	21.12	21.11	21.19		
20	16QAM	50	0	21.22	21.16	21.18	21.22	21.26	22	0.9
20	16QAM	50	24	21.25	21.19	21.21	21.16	21.22		
20	16QAM	50	50	21.13	21.25	21.26	21.12	21.18		
20	16QAM	100	0	21.14	21.15	21.14	21.13	21.18		
20	64QAM	1	0	21.16	21.22	21.14	21.13	21.22	22	0.9
20	64QAM	1	49	21.17	21.27	21.21	21.23	21.25		
20	64QAM	1	99	21.25	21.18	21.20	21.20	21.23		
20	64QAM	50	0	20.58	20.72	20.69	20.56	20.74	21	1.9
20	64QAM	50	24	20.60	20.43	20.70	20.61	20.56		
20	64QAM	50	50	20.60	20.52	20.58	20.74	20.57		
20	64QAM	100	0	20.64	20.67	20.59	20.63	20.56		
20	256QAM	1	0	18.56	18.57	18.50	18.65	18.50	19	3.9
20	256QAM	1	49	18.49	18.51	18.53	18.63	18.51		
20	256QAM	1	99	18.59	18.62	18.45	18.51	18.59		
20	256QAM	50	0	18.65	18.68	18.49	18.54	18.72	19	3.9
20	256QAM	50	24	18.62	18.58	18.68	18.52	18.54		
20	256QAM	50	50	18.53	18.66	18.49	18.60	18.64		
20	256QAM	100	0	18.54	18.57	18.59	18.59	18.66		
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	21.15	21.09	21.18	21.08	21.15	23	0
15	QPSK	1	37	21.08	21.08	21.09	21.06	20.98		
15	QPSK	1	74	21.17	21.16	21.06	21.02	21.08		
15	QPSK	36	0	20.99	21.14	21.08	20.96	20.99	22.9	0
15	QPSK	36	20	21.20	21.08	21.16	21.15	21.17		
15	QPSK	36	39	21.00	21.09	21.06	21.06	21.09		
15	QPSK	75	0	20.98	21.03	21.14	20.99	21.13		
15	16QAM	1	0	21.09	21.08	21.07	21.19	21.17	22.9	0
15	16QAM	1	37	21.16	20.98	21.09	21.17	21.09		
15	16QAM	1	74	21.03	21.10	20.98	21.01	21.11		
15	16QAM	36	0	21.15	21.11	21.03	21.17	21.10	22	0.9
15	16QAM	36	20	21.09	21.07	21.04	21.01	21.15		
15	16QAM	36	39	21.09	21.09	21.18	21.03	21.04		
15	16QAM	75	0	21.04	20.99	21.02	20.96	21.08		
15	64QAM	1	0	21.04	21.16	21.09	20.99	21.10	22	0.9
15	64QAM	1	37	21.08	21.11	21.06	21.07	21.19		
15	64QAM	1	74	21.08	21.12	21.17	21.11	21.11		
15	64QAM	36	0	20.46	20.59	20.64	20.48	20.58	21	1.9
15	64QAM	36	20	20.43	20.34	20.60	20.57	20.42		
15	64QAM	36	39	20.42	20.39	20.51	20.60	20.46		
15	64QAM	75	0	20.62	20.63	20.52	20.48	20.50		
15	256QAM	1	0	18.38	18.45	18.46	18.56	18.47	19	3.9
15	256QAM	1	37	18.31	18.45	18.39	18.53	18.48		
15	256QAM	1	74	18.53	18.56	18.35	18.41	18.43		
15	256QAM	36	0	18.55	18.56	18.40	18.41	18.55	19	3.9
15	256QAM	36	20	18.53	18.44	18.57	18.38	18.38		
15	256QAM	36	39	18.37	18.51	18.41	18.43	18.61		
15	256QAM	75	0	18.47	18.50	18.56	18.53	18.60		
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	21.08	21.22	21.20	21.02	23	0
10	QPSK	1	25	21.06	21.01	21.05	21.02	20.99		
10	QPSK	1	49	21.07	21.09	21.06	21.08	21.07		
10	QPSK	25	0	20.94	21.14	21.22	21.08	20.97	22.9	0
10	QPSK	25	12	21.17	21.11	21.01	21.21	21.11		
10	QPSK	25	25	21.11	21.21	21.10	21.08	21.01		
10	QPSK	50	0	20.98	21.02	21.19	21.07	21.11		
10	16QAM	1	0	21.12	21.05	21.20	21.12	21.14	22.9	0
10	16QAM	1	25	21.06	21.01	21.20	21.20	21.09		
10	16QAM	1	49	21.10	21.18	21.08	20.94	21.06		
10	16QAM	25	0	21.09	21.00	21.14	21.07	21.19	22	0.9
10	16QAM	25	12	21.16	21.08	21.14	21.05	21.18		
10	16QAM	25	25	21.00	21.17	21.19	20.95	21.14		
10	16QAM	50	0	21.01	21.02	21.11	21.08	21.06		
10	64QAM	1	0	21.12	21.11	21.03	20.96	21.08	22	0.9
10	64QAM	1	25	21.07	21.11	21.11	21.09	21.12		
10	64QAM	1	49	21.23	21.06	21.04	21.04	21.07		
10	64QAM	25	0	20.45	20.62	20.62	20.43	20.68	21	1.9
10	64QAM	25	12	20.45	20.38	20.54	20.48	20.42		
10	64QAM	25	25	20.45	20.44	20.51	20.64	20.48		
10	64QAM	50	0	20.62	20.52	20.53	20.47	20.49		
10	256QAM	1	0	18.41	18.49	18.40	18.63	18.46	19	3.9
10	256QAM	1	25	18.35	18.42	18.37	18.47	18.46		
10	256QAM	1	49	18.54	18.56	18.38	18.37	18.57		
10	256QAM	25	0	18.50	18.55	18.38	18.47	18.62	19	3.9
10	256QAM	25	12	18.50	18.49	18.56	18.48	18.46		
10	256QAM	25	25	18.42	18.60	18.46	18.57	18.48		
10	256QAM	50	0	18.38	18.44	18.43	18.55	18.51		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.08	21.10	21.21	21.14	21.14	23	0
5	QPSK	1	12	20.97	20.99	21.07	21.10	21.01		
5	QPSK	1	24	21.06	21.13	21.17	20.98	21.07		
5	QPSK	12	0	21.00	21.12	21.21	20.97	20.97	22.9	0
5	QPSK	12	7	21.19	21.16	21.12	21.12	21.17		
5	QPSK	12	13	21.06	21.16	21.11	21.11	20.97		
5	QPSK	25	0	21.03	21.07	21.17	21.10	21.20		
5	16QAM	1	0	21.16	21.09	21.07	21.09	21.22	22.9	0
5	16QAM	1	12	21.06	21.06	21.07	21.16	21.04		
5	16QAM	1	24	20.95	21.09	20.96	21.06	21.08		
5	16QAM	12	0	21.10	20.99	21.15	21.12	21.10	22	0.9
5	16QAM	12	7	21.18	21.16	21.08	21.08	21.09		
5	16QAM	12	13	21.03	21.17	21.15	20.99	21.10		
5	16QAM	25	0	21.10	21.13	21.11	21.01	21.06		
5	64QAM	1	0	21.07	21.18	21.08	21.10	21.14	22	0.9
5	64QAM	1	12	21.00	21.12	21.09	21.08	21.14		
5	64QAM	1	24	21.20	21.06	21.12	21.16	21.06		
5	64QAM	12	0	20.51	20.64	20.54	20.39	20.70	21	1.9
5	64QAM	12	7	20.47	20.27	20.57	20.47	20.40		
5	64QAM	12	13	20.43	20.34	20.45	20.60	20.54		
5	64QAM	25	0	20.58	20.50	20.51	20.46	20.44		
5	256QAM	1	0	18.50	18.40	18.46	18.50	18.36	19	3.9
5	256QAM	1	12	18.43	18.44	18.40	18.58	18.44		
5	256QAM	1	24	18.50	18.47	18.39	18.35	18.48		
5	256QAM	12	0	18.55	18.60	18.39	18.42	18.55	19	3.9
5	256QAM	12	7	18.56	18.54	18.58	18.46	18.43		
5	256QAM	12	13	18.43	18.48	18.32	18.44	18.49		
5	256QAM	25	0	18.50	18.52	18.42	18.43	18.56		

Full & Default Power Mode

n5 Ant0								
BW [MHz]	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	22.50	22.63	22.51	24.0	0.0
20	PI/2 BPSK	1	53	22.48	22.64	22.58		
20	PI/2 BPSK	1	104	22.43	22.61	22.40		
20	PI/2 BPSK	50	0	22.53	22.71	22.72	24.0	0.0
20	PI/2 BPSK	50	28	22.44	22.65	22.46	24.0	0.0
20	PI/2 BPSK	50	56	22.49	22.62	22.58	24.0	0.0
20	PI/2 BPSK	100	0	22.53	22.69	22.49		
20	QPSK	1	1	22.65	22.72	22.66	24.0	0.0
20	QPSK	1	53	22.42	22.62	22.58		
20	QPSK	1	104	22.39	22.60	22.40		
20	QPSK	50	0	22.46	22.66	22.66	24.0	0.0
20	QPSK	50	28	22.68	22.70	22.69	24.0	0.0
20	QPSK	50	56	22.50	22.64	22.59	24.0	0.0
20	QPSK	100	0	22.47	22.67	22.60		
20	16QAM	1	1	21.73	21.92	21.78	23.0	1.0
20	64QAM	1	1	21.98	22.00	21.96	23.0	1.0
20	256QAM	1	1	21.50	21.60	21.47	23.0	1.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.56	22.70	22.57	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.51	22.58	22.52	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	22.58	22.65	22.67	24.0	0.0

n26 Ant0								
BW [MHz]	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	22.58	22.64	22.53	24.0	0.0
20	PI/2 BPSK	1	53	22.61	22.62	22.41		
20	PI/2 BPSK	1	104	22.32	22.54	22.39		
20	PI/2 BPSK	50	0	22.55	22.65	22.53	24.0	0.0
20	PI/2 BPSK	50	28	22.58	22.72	22.52	24.0	0.0
20	PI/2 BPSK	50	56	22.59	22.69	22.48	24.0	0.0
20	PI/2 BPSK	100	0	22.69	22.72	22.57		
20	QPSK	1	1	22.66	22.75	22.68	24.0	0.0
20	QPSK	1	53	22.40	22.60	22.45		
20	QPSK	1	104	22.33	22.53	22.53		
20	QPSK	50	0	22.63	22.71	22.65	24.0	0.0
20	QPSK	50	28	22.53	22.72	22.62	24.0	0.0
20	QPSK	50	56	22.45	22.65	22.54	24.0	0.0
20	QPSK	100	0	22.66	22.70	22.61		
20	16QAM	1	1	22.25	22.40	22.36	23.0	1.0
20	64QAM	1	1	22.43	22.53	22.45	23.0	1.0
20	256QAM	1	1	21.39	21.59	21.41	23.0	1.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.63	22.55	22.69	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	22.57	22.53	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	22.57	22.71	22.46	24.0	0.0

n2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	23.03	23.11	22.89	24.0	0.0
40	PI/2 BPSK	1	108	23.03	23.16	23.01		
40	PI/2 BPSK	1	214	23.04	23.14	23.05		
40	PI/2 BPSK	108	0	23.19	23.18	23.08	24.0	0.0
40	PI/2 BPSK	108	54	23.07	23.15	22.98	24.0	0.0
40	PI/2 BPSK	108	108	23.07	23.20	23.15	24.0	0.0
40	PI/2 BPSK	216	0	23.17	23.23	23.24		
40	QPSK	1	1	23.17	23.28	23.26	24.0	0.0
40	QPSK	1	108	22.94	23.15	23.00		
40	QPSK	1	214	23.00	23.18	23.12		
40	QPSK	108	0	23.13	23.24	23.19	24.0	0.0
40	QPSK	108	54	23.13	23.15	23.13	24.0	0.0
40	QPSK	108	108	23.09	23.10	23.01	24.0	0.0
40	QPSK	216	0	23.02	23.21	23.20		
40	16QAM	1	1	22.84	22.93	22.94	24.0	0.0
40	64QAM	1	1	22.97	22.97	22.78	24.0	0.0
40	256QAM	1	1	21.80	21.98	21.96	22.5	1.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.91	23.05	23.11	24.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.99	23.07	23.18	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	23.03	23.19	23.11	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	23.07	23.07	23.05	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.00	23.15	23.10	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.96	23.22	23.18	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	23.05	23.08	23.24	24.0	0.0

n7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.72	22.93	22.91	24.0	0.0
50	PI/2 BPSK	1	135	22.86	22.99	22.95		
50	PI/2 BPSK	1	268	22.80	22.92	22.82		
50	PI/2 BPSK	135	0	22.88	23.02	22.85	24.0	0.0
50	PI/2 BPSK	135	68	23.03	23.04	22.88	24.0	0.0
50	PI/2 BPSK	135	135	22.93	23.06	23.01	24.0	0.0
50	PI/2 BPSK	270	0	22.97	23.01	22.89		
50	QPSK	1	1	23.00	23.08	22.93	24.0	0.0
50	QPSK	1	135	22.82	22.98	22.90		
50	QPSK	1	268	22.80	23.01	22.82		
50	QPSK	135	0	22.84	23.03	22.82	24.0	0.0
50	QPSK	135	68	22.97	23.06	22.98	24.0	0.0
50	QPSK	135	135	22.87	23.04	22.86	24.0	0.0
50	QPSK	270	0	22.97	23.02	22.85		
50	16QAM	1	1	22.53	22.75	22.58	24.0	0.0
50	64QAM	1	1	22.83	22.83	22.66	24.0	0.0
50	256QAM	1	1	21.62	21.71	21.55	22.5	1.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.00	23.02	22.94	24.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	22.96	23.02	22.80	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.96	23.02	22.80	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	22.96	23.06	22.77	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.99	22.98	22.79	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	22.97	22.88	22.72	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.83	22.90	22.84	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	22.94	23.06	22.85	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	23.11	23.14	23.14	24.0	0.0
45	PI/2 BPSK	1	120	23.00	23.19	23.20		
45	PI/2 BPSK	1	240	23.06	23.15	22.99		
45	PI/2 BPSK	120	0	23.12	23.31	23.21	24.0	0.0
45	PI/2 BPSK	120	60	23.14	23.30	23.11	24.0	0.0
45	PI/2 BPSK	120	120	23.22	23.28	23.17	24.0	0.0
45	PI/2 BPSK	240	0	23.10	23.17	23.03		
45	QPSK	1	1	23.20	23.34	23.13	24.0	0.0
45	QPSK	1	120	23.18	23.23	23.17		
45	QPSK	1	240	23.11	23.19	23.06		
45	QPSK	120	0	23.13	23.31	23.24	24.0	0.0
45	QPSK	120	60	23.26	23.32	23.16	24.0	0.0
45	QPSK	120	120	23.08	23.27	23.11	24.0	0.0
45	QPSK	240	0	23.18	23.31	23.16		
45	16QAM	1	1	22.87	22.94	22.82	24.0	0.0
45	64QAM	1	1	22.76	22.96	22.83	24.0	0.0
45	256QAM	1	1	22.10	22.08	22.09	23.0	1.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.06	23.16	22.96	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.98	23.11	23.01	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.01	23.22	23.01	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	23.04	23.19	23.07	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.07	23.24	23.03	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	23.15	23.15	23.06	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.12	23.16	23.08	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	23.19	23.14	23.15	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	23.04	23.08	23.02	24.0	0.0
40	PI/2 BPSK	1	53	22.97	23.05	23.02		
40	PI/2 BPSK	1	104	23.02	23.03	22.95		
40	PI/2 BPSK	50	0	22.91	23.00	22.81	24.0	0.0
40	PI/2 BPSK	50	28	23.07	23.07	23.04	24.0	0.0
40	PI/2 BPSK	50	56	22.86	23.03	22.92	24.0	0.0
40	PI/2 BPSK	100	0	22.86	23.08	22.89		
40	QPSK	1	1	22.99	23.11	23.08	24.0	0.0
40	QPSK	1	53	22.99	23.01	22.87		
40	QPSK	1	104	23.01	23.02	22.80		
40	QPSK	50	0	22.94	23.08	23.01	24.0	0.0
40	QPSK	50	28	22.94	23.09	23.05	24.0	0.0
40	QPSK	50	56	23.01	23.05	22.93	24.0	0.0
40	QPSK	100	0	22.96	23.02	22.86		
40	16QAM	1	1	22.80	22.81	22.80	24.0	0.0
40	64QAM	1	1	22.83	22.83	22.64	24.0	0.0
40	256QAM	1	1	21.71	21.93	21.81	23.0	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.77	23.07	22.91	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.97	22.97	22.95	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.96	23.03	23.04	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	22.80	22.97	22.95	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	22.84	23.08	22.95	24.0	0.0

n41 Ant1

BW [MHz]	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	22.94	22.97	22.95	24.0	0.0
100	PI/2 BPSK	1	137	23.11	23.09	23.10		
100	PI/2 BPSK	1	271	22.88	23.05	22.94		
100	PI/2 BPSK	135	0	22.96	23.13	22.96	24.0	0.0
100	PI/2 BPSK	135	69	22.90	23.06	22.95	24.0	0.0
100	PI/2 BPSK	135	138	23.06	23.11	22.95	24.0	0.0
100	PI/2 BPSK	270	0	22.94	23.07	22.88		
100	QPSK	1	1	23.09	23.15	23.08	24.0	0.0
100	QPSK	1	137	22.73	22.95	22.86		
100	QPSK	1	271	22.91	23.01	22.92		
100	QPSK	135	0	22.99	23.10	23.02	24.0	0.0
100	QPSK	135	69	22.99	23.15	23.05	24.0	0.0
100	QPSK	135	138	22.83	23.03	23.00	24.0	0.0
100	QPSK	270	0	22.94	23.07	22.91		
100	16QAM	1	1	22.62	22.69	22.61	24.0	0.0
100	64QAM	1	1	22.56	22.68	22.56	24.0	0.0
100	256QAM	1	1	21.93	21.99	21.88	23.0	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.96	23.08	22.86	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	22.87	23.06	23.05	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	23.00	23.04	22.93	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	23.02	23.06	23.09	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	22.93	23.07	23.02	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	22.89	22.91	23.11	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	22.92	22.99	23.06	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	23.01	22.99	22.98	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.05	22.98	22.93	24.0	0.0
Channel				501700	518600	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.5	2593	2677.5		
25	QPSK	1	1	23.00	23.01	22.99	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.09	22.99	23.00	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.09	23.07	23.04	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	22.89	23.08	22.97	24.0	0.0

n2 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	22.69	22.89	22.82	24.0	0.0
40	PI/2 BPSK	1	108	22.83	22.92	22.74		
40	PI/2 BPSK	1	214	22.77	22.91	22.85		
40	PI/2 BPSK	108	0	22.89	22.99	22.80	24.0	0.0
40	PI/2 BPSK	108	54	22.83	23.00	22.84	24.0	0.0
40	PI/2 BPSK	108	108	22.92	23.03	23.03	24.0	0.0
40	PI/2 BPSK	216	0	23.00	23.01	22.81		
40	QPSK	1	1	22.95	23.07	22.98	24.0	0.0
40	QPSK	1	108	22.86	22.93	22.90		
40	QPSK	1	214	22.78	22.97	22.85		
40	QPSK	108	0	22.84	23.02	22.98	24.0	0.0
40	QPSK	108	54	22.96	23.05	22.90	24.0	0.0
40	QPSK	108	108	22.95	23.01	22.89	24.0	0.0
40	QPSK	216	0	22.85	23.02	22.85		
40	16QAM	1	1	22.63	22.69	22.52	24.0	0.0
40	64QAM	1	1	22.54	22.72	22.70	24.0	0.0
40	256QAM	1	1	21.98	21.96	21.77	23.0	1.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.82	22.98	22.82	24.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.93	23.01	22.92	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.81	22.93	22.94	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.83	23.00	22.78	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.89	22.86	22.76	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.85	23.00	22.78	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	22.95	22.98	22.89	24.0	0.0

n5 Ant4

BW [MHz]	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	22.61	22.71	22.70	24.0	0.0
20	PI/2 BPSK	1	53	22.79	22.82	22.80		
20	PI/2 BPSK	1	104	22.58	22.77	22.58		
20	PI/2 BPSK	50	0	22.83	22.85	22.67	24.0	0.0
20	PI/2 BPSK	50	28	22.77	22.80	22.62	24.0	0.0
20	PI/2 BPSK	50	56	22.76	22.86	22.83	24.0	0.0
20	PI/2 BPSK	100	0	22.87	22.87	22.72		
20	QPSK	1	1	22.74	22.89	22.82	24.0	0.0
20	QPSK	1	53	22.69	22.84	22.82		
20	QPSK	1	104	22.79	22.80	22.78		
20	QPSK	50	0	22.65	22.86	22.82	24.0	0.0
20	QPSK	50	28	22.82	22.88	22.74	24.0	0.0
20	QPSK	50	56	22.70	22.83	22.82	24.0	0.0
20	QPSK	100	0	22.69	22.85	22.65		
20	16QAM	1	1	22.32	22.48	22.39	24.0	0.0
20	64QAM	1	1	22.37	22.58	22.37	24.0	0.0
20	256QAM	1	1	21.52	21.64	21.54	23.0	1.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.57	22.70	22.67	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.58	22.86	22.74	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	22.63	22.79	22.65	24.0	0.0

n7 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.66	22.82	22.73	24.0	0.0
50	PI/2 BPSK	1	135	22.91	22.92	22.80		
50	PI/2 BPSK	1	268	22.84	22.89	22.85		
50	PI/2 BPSK	135	0	22.76	22.95	22.83	24.0	0.0
50	PI/2 BPSK	135	68	22.73	22.93	22.84	24.0	0.0
50	PI/2 BPSK	135	135	22.80	22.97	22.94	24.0	0.0
50	PI/2 BPSK	270	0	22.72	22.91	22.71		
50	QPSK	1	1	22.95	23.05	22.85	24.0	0.0
50	QPSK	1	135	22.69	22.88	22.88		
50	QPSK	1	268	22.85	22.91	22.81		
50	QPSK	135	0	22.87	22.92	22.92	24.0	0.0
50	QPSK	135	68	22.86	22.98	22.91	24.0	0.0
50	QPSK	135	135	22.71	22.90	22.70	24.0	0.0
50	QPSK	270	0	22.78	22.94	22.76		
50	16QAM	1	1	22.53	22.65	22.49	24.0	0.0
50	64QAM	1	1	22.54	22.71	22.67	24.0	0.0
50	256QAM	1	1	21.53	21.57	21.59	22.5	1.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.88	22.90	22.78	24.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	22.87	22.97	22.70	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.83	22.97	22.70	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	22.81	22.90	22.78	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.95	22.91	22.80	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	22.90	22.88	22.77	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.96	22.96	22.81	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.80	23.00	22.71	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	22.75	22.75	22.64	24.0	0.0
20	PI/2 BPSK	1	53	22.69	22.89	22.70		
20	PI/2 BPSK	1	104	22.71	22.78	22.69		
20	PI/2 BPSK	50	0	22.74	22.91	22.80	24.0	0.0
20	PI/2 BPSK	50	28	22.80	22.92	22.82	24.0	0.0
20	PI/2 BPSK	50	56	22.79	22.81	22.69	24.0	0.0
20	PI/2 BPSK	100	0	22.70	22.89	22.87		
20	QPSK	1	1	22.91	22.93	22.71	24.0	0.0
20	QPSK	1	53	22.72	22.89	22.89		
20	QPSK	1	104	22.73	22.79	22.59		
20	QPSK	50	0	22.80	22.89	22.77	24.0	0.0
20	QPSK	50	28	22.78	22.91	22.69	24.0	0.0
20	QPSK	50	56	22.73	22.81	22.62	24.0	0.0
20	QPSK	100	0	22.79	22.90	22.72		
20	16QAM	1	1	22.41	22.53	22.53	24.0	0.0
20	64QAM	1	1	22.55	22.62	22.46	24.0	0.0
20	256QAM	1	1	21.61	21.68	21.56	22.5	1.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.89	22.85	22.55	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.78	22.82	22.59	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	22.81	22.73	22.69	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	22.58	22.74	22.64	24.0	0.0
45	PI/2 BPSK	1	120	22.76	22.89	22.76		
45	PI/2 BPSK	1	240	22.67	22.87	22.73		
45	PI/2 BPSK	120	0	22.93	22.95	22.74	24.0	0.0
45	PI/2 BPSK	120	60	22.94	22.98	22.84	24.0	0.0
45	PI/2 BPSK	120	120	22.81	22.97	22.87	24.0	0.0
45	PI/2 BPSK	240	0	22.62	22.83	22.66		
45	QPSK	1	1	22.95	23.02	22.88	24.0	0.0
45	QPSK	1	120	22.75	22.94	22.88		
45	QPSK	1	240	22.72	22.91	22.70		
45	QPSK	120	0	22.88	22.93	22.81	24.0	0.0
45	QPSK	120	60	22.87	22.99	22.84	24.0	0.0
45	QPSK	120	120	22.97	22.95	22.80	24.0	0.0
45	QPSK	240	0	22.90	22.98	22.92		
45	16QAM	1	1	22.46	22.56	22.43	24.0	0.0
45	64QAM	1	1	22.48	22.57	22.46	24.0	0.0
45	256QAM	1	1	21.53	21.71	21.58	23.0	1.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.77	22.81	22.72	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.86	22.94	22.72	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.76	22.96	22.77	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	22.97	22.97	22.67	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.80	22.98	22.89	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	22.75	22.97	22.85	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.79	22.92	22.80	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	22.74	22.96	22.86	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	22.99	23.09	22.93	24.0	0.0
40	PI/2 BPSK	1	53	22.99	23.12	23.06		
40	PI/2 BPSK	1	104	23.00	23.13	23.08		
40	PI/2 BPSK	50	0	22.97	23.09	22.89	24.0	0.0
40	PI/2 BPSK	50	28	22.91	23.10	23.06	24.0	0.0
40	PI/2 BPSK	50	56	22.92	23.08	23.06	24.0	0.0
40	PI/2 BPSK	100	0	23.00	23.05	22.89		
40	QPSK	1	1	23.11	23.14	22.94	24.0	0.0
40	QPSK	1	53	23.09	23.11	22.90		
40	QPSK	1	104	23.03	23.09	22.89		
40	QPSK	50	0	23.04	23.07	23.05	24.0	0.0
40	QPSK	50	28	22.94	23.11	23.07	24.0	0.0
40	QPSK	50	56	23.05	23.08	22.99	24.0	0.0
40	QPSK	100	0	22.84	23.02	22.99		
40	16QAM	1	1	22.73	22.79	22.60	24.0	0.0
40	64QAM	1	1	22.66	22.82	22.64	24.0	0.0
40	256QAM	1	1	21.78	21.92	21.94	23.0	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.01	23.12	22.91	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.97	23.02	22.75	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.02	23.05	22.84	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	23.04	23.11	22.82	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	23.02	22.99	22.81	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.85	22.89	22.79	24.0	0.0
100	PI/2 BPSK	1	137	23.12	23.12	22.91		
100	PI/2 BPSK	1	271	23.08	23.10	22.98		
100	PI/2 BPSK	135	0	23.04	23.11	23.04	24.0	0.0
100	PI/2 BPSK	135	69	23.00	23.09	23.01	24.0	0.0
100	PI/2 BPSK	135	138	22.96	23.15	23.05	24.0	0.0
100	PI/2 BPSK	270	0	22.94	23.09	23.07		
100	QPSK	1	1	23.03	23.17	23.09	24.0	0.0
100	QPSK	1	137	23.01	23.08	23.03		
100	QPSK	1	271	22.96	23.12	22.98		
100	QPSK	135	0	23.11	23.10	23.01	24.0	0.0
100	QPSK	135	69	22.94	23.15	23.05	24.0	0.0
100	QPSK	135	138	22.98	22.99	22.80	24.0	0.0
100	QPSK	270	0	23.06	23.11	23.08		
100	16QAM	1	1	22.53	22.62	22.46	24.0	0.0
100	64QAM	1	1	22.62	22.61	22.48	24.0	0.0
100	256QAM	1	1	21.75	21.96	21.75	23.0	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.90	23.01	23.02	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	22.94	23.11	23.09	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	22.91	23.16	22.89	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	22.87	23.01	22.89	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	22.87	23.00	23.05	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	22.94	23.13	23.02	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	22.99	22.98	22.93	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	22.93	23.05	22.95	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	22.90	23.11	22.90	24.0	0.0
Channel				501700	518600	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.5	2593	2677.5		
25	QPSK	1	1	22.99	23.10	22.92	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	22.84	22.96	23.03	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	22.94	23.12	22.98	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.97	23.08	23.04	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	18.52	18.59	18.61	19.5	0.0
100	PI/2 BPSK	1	137	18.09	18.20	18.10		
100	PI/2 BPSK	1	271	17.62	17.78	17.73		
100	PI/2 BPSK	135	0	18.26	18.46	18.31	19.5	0.0
100	PI/2 BPSK	135	69	18.06	18.25	18.10	19.5	0.0
100	PI/2 BPSK	135	138	18.02	18.06	17.97	19.5	0.0
100	PI/2 BPSK	270	0	18.16	18.29	18.14		
100	QPSK	1	1	18.57	18.69	18.61	19.5	0.0
100	QPSK	1	137	18.02	18.22	18.14		
100	QPSK	1	271	17.79	17.79	17.75		
100	QPSK	135	0	18.40	18.45	18.44	19.5	0.0
100	QPSK	135	69	18.18	18.49	18.11	19.5	0.0
100	QPSK	135	138	18.01	18.11	17.98	19.5	0.0
100	QPSK	270	0	18.17	18.32	18.28		
100	16QAM	1	1	18.24	18.38	18.26	19.5	0.0
100	64QAM	1	1	18.35	18.36	18.17	19.5	0.0
100	256QAM	1	1	17.27	17.49	17.47	18.5	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.50	18.65	18.57	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	18.53	18.55	18.63	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.55	18.65	18.58	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	18.55	18.55	18.63	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	18.51	18.58	18.42	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.40	18.63	18.60	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	18.54	18.56	18.52	19.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.43	18.50	18.40	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	18.38	18.58	18.48	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	18.41	18.63	18.40	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.36	18.51	18.40	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		18.50		19.5	0.0
100	PI/2 BPSK	1	137		18.20			
100	PI/2 BPSK	1	271		17.83			
100	PI/2 BPSK	135	0		18.43		19.5	0.0
100	PI/2 BPSK	135	69		18.24		19.5	0.0
100	PI/2 BPSK	135	138		18.09		19.5	0.0
100	PI/2 BPSK	270	0		18.29			
100	QPSK	1	1		18.64		19.5	0.0
100	QPSK	1	137		18.25			
100	QPSK	1	271		17.85			
100	QPSK	135	0		18.29		19.5	0.0
100	QPSK	135	69		18.49		19.5	0.0
100	QPSK	135	138		18.11		19.5	0.0
100	QPSK	270	0		18.31			
100	16QAM	1	1		18.40		19.5	0.0
100	64QAM	1	1		18.41		19.5	0.0
100	256QAM	1	1		17.48		18.5	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.42	18.55	18.44	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	18.36	18.44	18.41	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.42	18.41	18.39	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	18.20	18.37	18.40	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	18.23	18.33	18.31	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.43	18.56	18.40	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	18.41	18.40	18.40	19.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.32	18.48	18.35	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	18.36	18.50	18.29	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	18.31	18.40	18.26	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.29	18.40	18.44	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	22.82	22.97	22.89	24.0	0.0
100	PI/2 BPSK	1	137	22.88	22.93	22.88		
100	PI/2 BPSK	1	271	22.92	23.05	22.87		
100	PI/2 BPSK	135	0	22.94	22.99	22.96	24.0	0.0
100	PI/2 BPSK	135	69	22.90	22.94	22.86	24.0	0.0
100	PI/2 BPSK	135	138	22.89	23.04	23.04	24.0	0.0
100	PI/2 BPSK	270	0	23.05	23.06	23.06		
100	QPSK	1	1	23.05	23.12	22.98	24.0	0.0
100	QPSK	1	137	22.78	22.93	22.94		
100	QPSK	1	271	22.94	22.98	22.85		
100	QPSK	135	0	22.89	23.10	23.05	24.0	0.0
100	QPSK	135	69	23.00	23.11	23.07	24.0	0.0
100	QPSK	135	138	23.00	23.01	22.81	24.0	0.0
100	QPSK	270	0	22.84	23.05	22.92		
100	16QAM	1	1	22.69	22.79	22.59	24.0	0.0
100	64QAM	1	1	22.58	22.78	22.66	24.0	0.0
100	256QAM	1	1	21.87	21.92	21.82	23.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.93	22.95	22.93	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	22.97	22.96	22.98	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.97	22.91	22.96	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	22.92	23.07	22.95	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	23.05	23.04	22.94	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.07	23.05	22.93	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	23.06	23.08	22.76	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.00	23.07	22.78	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	22.84	23.10	22.77	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	22.84	22.96	22.76	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.00	23.00	22.81	24.0	0.0

Part27O n78 Ant5

BW [MHz]	Modulation	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		23.08		24.0	0.0
100	PI/2 BPSK	1	137		22.96			
100	PI/2 BPSK	1	271		23.01			
100	PI/2 BPSK	135	0		23.03		24.0	0.0
100	PI/2 BPSK	135	69		22.98		24.0	0.0
100	PI/2 BPSK	135	138		22.97		24.0	0.0
100	PI/2 BPSK	270	0		23.06			
100	QPSK	1	1		23.10		24.0	0.0
100	QPSK	1	137		22.94			
100	QPSK	1	271		22.99			
100	QPSK	135	0		23.05		24.0	0.0
100	QPSK	135	69		23.08		24.0	0.0
100	QPSK	135	138		22.99		24.0	0.0
100	QPSK	270	0		23.01			
100	16QAM	1	1		22.85		24.0	0.0
100	64QAM	1	1		22.83		24.0	0.0
100	256QAM	1	1		21.98		23.0	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.03	23.06	23.08	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	22.89	23.08	22.93	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.82	22.94	22.88	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	22.84	22.87	23.05	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	23.01	22.92	23.09	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.97	22.93	23.03	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	23.03	23.03	22.96	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.89	22.99	22.90	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	23.02	22.93	22.89	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	23.03	22.88	23.01	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.01	23.04	23.07	24.0	0.0

Part27O n77 Ant7

BW [MHz]	Modulation	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	22.61	22.74	22.69	24.0	0.0
100	PI/2 BPSK	1	137	22.64	22.85	22.70		
100	PI/2 BPSK	1	271	22.76	22.81	22.72		
100	PI/2 BPSK	135	0	22.70	22.84	22.72	24.0	0.0
100	PI/2 BPSK	135	69	22.78	22.85	22.87	24.0	0.0
100	PI/2 BPSK	135	138	22.72	22.93	22.79	24.0	0.0
100	PI/2 BPSK	270	0	22.68	22.88	22.77		
100	QPSK	1	1	22.88	22.94	22.91	24.0	0.0
100	QPSK	1	137	22.77	22.84	22.76		
100	QPSK	1	271	22.62	22.77	22.64		
100	QPSK	135	0	22.85	22.89	22.73	24.0	0.0
100	QPSK	135	69	22.84	22.90	22.83	24.0	0.0
100	QPSK	135	138	22.52	22.66	22.46	24.0	0.0
100	QPSK	270	0	22.82	22.88	22.78		
100	16QAM	1	1	22.43	22.47	22.27	24.0	0.0
100	64QAM	1	1	22.39	22.44	22.28	24.0	0.0
100	256QAM	1	1	21.55	21.70	21.44	23.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.78	22.80	22.77	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	22.69	22.78	22.80	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.75	22.82	22.86	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	22.67	22.93	22.70	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	22.78	22.81	22.88	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.75	22.73	22.76	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	22.79	22.83	22.84	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.86	22.88	22.85	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	22.72	22.80	22.91	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	22.72	22.86	22.90	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.89	22.84	22.83	24.0	0.0

Part27O n78 Ant7

BW [MHz]	Modulation	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		22.42		24.0	0.0
100	PI/2 BPSK	1	137		22.46			
100	PI/2 BPSK	1	271		22.64			
100	PI/2 BPSK	135	0		22.41		24.0	0.0
100	PI/2 BPSK	135	69		22.53		24.0	0.0
100	PI/2 BPSK	135	138		22.64		24.0	0.0
100	PI/2 BPSK	270	0		22.58			
100	QPSK	1	1		22.66		24.0	0.0
100	QPSK	1	137		22.47			
100	QPSK	1	271		22.56			
100	QPSK	135	0		22.46		24.0	0.0
100	QPSK	135	69		22.60		24.0	0.0
100	QPSK	135	138		22.55		24.0	0.0
100	QPSK	270	0		22.59			
100	16QAM	1	1		22.16		24.0	0.0
100	64QAM	1	1		22.13		24.0	0.0
100	256QAM	1	1		21.30		23.0	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.56	22.64	22.52	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	22.36	22.62	22.44	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.56	22.65	22.51	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	22.36	22.63	22.35	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	22.46	22.45	22.34	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.44	22.51	22.32	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	22.37	22.60	22.53	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.50	22.46	22.44	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	22.50	22.55	22.41	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	22.50	22.52	22.35	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.48	22.65	22.34	24.0	0.0

Part27O n77 Ant9

BW [MHz]	Modulation	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	19.22	19.21	19.08	20.5	0.0
100	PI/2 BPSK	1	137	18.84	18.88	18.84		
100	PI/2 BPSK	1	271	18.55	18.74	18.63		
100	PI/2 BPSK	135	0	18.92	19.08	18.97	20.5	0.0
100	PI/2 BPSK	135	69	18.75	18.96	18.75	20.5	0.0
100	PI/2 BPSK	135	138	18.91	18.91	18.78	20.5	0.0
100	PI/2 BPSK	270	0	18.93	18.92	18.83		
100	QPSK	1	1	19.20	19.26	19.05	20.5	0.0
100	QPSK	1	137	18.93	18.99	18.77		
100	QPSK	1	271	18.72	18.75	18.68		
100	QPSK	135	0	18.93	18.94	19.05	20.5	0.0
100	QPSK	135	69	18.92	19.14	18.85	20.5	0.0
100	QPSK	135	138	18.89	19.04	18.89	20.5	0.0
100	QPSK	270	0	18.90	19.02	18.91		
100	16QAM	1	1	19.02	19.02	19.01	20.5	0.0
100	64QAM	1	1	18.88	19.09	19.07	20.5	0.0
100	256QAM	1	1	18.16	18.17	18.00	19.5	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.09	19.25	18.95	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	19.17	19.22	19.04	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.20	19.14	18.84	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	19.14	19.17	18.89	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	19.04	19.10	19.04	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.19	19.18	18.95	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	19.09	19.21	18.90	20.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.16	19.25	18.84	20.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.99	19.06	18.99	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	19.18	19.09	18.85	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.03	19.09	18.90	20.5	0.0

Part27O n78 Ant9

BW [MHz]	Modulation	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		19.18		20.5	0.0
100	PI/2 BPSK	1	137		18.87			
100	PI/2 BPSK	1	271		18.78			
100	PI/2 BPSK	135	0		19.04		20.5	0.0
100	PI/2 BPSK	135	69		18.95		20.5	0.0
100	PI/2 BPSK	135	138		18.87		20.5	0.0
100	PI/2 BPSK	270	0		19.00			
100	QPSK	1	1		19.20		20.5	0.0
100	QPSK	1	137		18.90			
100	QPSK	1	271		18.79			
100	QPSK	135	0		19.00		20.5	0.0
100	QPSK	135	69		19.09		20.5	0.0
100	QPSK	135	138		18.88		20.5	0.0
100	QPSK	270	0		19.05			
100	16QAM	1	1		19.07		20.5	0.0
100	64QAM	1	1		19.06		20.5	0.0
100	256QAM	1	1		18.20		19.5	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.00	18.98	19.10	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	18.95	18.98	19.07	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.85	18.90	19.10	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	19.02	18.78	18.90	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	18.81	18.98	19.01	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.00	18.85	18.97	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	18.95	18.84	18.98	20.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.02	18.94	19.08	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	18.78	18.82	19.01	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	19.02	18.88	19.01	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.95	18.83	18.98	20.5	0.0

Reduced Power Mode for ECI 2

n5 Ant0

BW [MHz]	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	22.50	22.63	22.51	24.0	0.0
20	PI/2 BPSK	1	53	22.48	22.64	22.58		
20	PI/2 BPSK	1	104	22.43	22.61	22.40		
20	PI/2 BPSK	50	0	22.53	22.71	22.72	24.0	0.0
20	PI/2 BPSK	50	28	22.44	22.65	22.46	24.0	0.0
20	PI/2 BPSK	50	56	22.49	22.62	22.58	24.0	0.0
20	PI/2 BPSK	100	0	22.53	22.69	22.49		
20	QPSK	1	1	22.65	22.72	22.66	24.0	0.0
20	QPSK	1	53	22.42	22.62	22.58		
20	QPSK	1	104	22.39	22.60	22.40		
20	QPSK	50	0	22.46	22.66	22.66	24.0	0.0
20	QPSK	50	28	22.68	22.70	22.69	24.0	0.0
20	QPSK	50	56	22.50	22.64	22.59	24.0	0.0
20	QPSK	100	0	22.47	22.67	22.60		
20	16QAM	1	1	21.73	21.92	21.78	23.0	1.0
20	64QAM	1	1	21.98	22.00	21.96	23.0	1.0
20	256QAM	1	1	21.50	21.60	21.47	23.0	1.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.56	22.70	22.57	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.51	22.58	22.52	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	22.58	22.65	22.67	24.0	0.0

n26 Ant0

BW [MHz]	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	22.58	22.64	22.53	24.0	0.0
20	PI/2 BPSK	1	53	22.61	22.62	22.41		
20	PI/2 BPSK	1	104	22.32	22.54	22.39		
20	PI/2 BPSK	50	0	22.55	22.65	22.53	24.0	0.0
20	PI/2 BPSK	50	28	22.58	22.72	22.52	24.0	0.0
20	PI/2 BPSK	50	56	22.59	22.69	22.48	24.0	0.0
20	PI/2 BPSK	100	0	22.69	22.72	22.57		
20	QPSK	1	1	22.66	22.75	22.68	24.0	0.0
20	QPSK	1	53	22.40	22.60	22.45		
20	QPSK	1	104	22.33	22.53	22.53		
20	QPSK	50	0	22.63	22.71	22.65	23.0	1.0
20	QPSK	50	28	22.53	22.72	22.62	24.0	0.0
20	QPSK	50	56	22.45	22.65	22.54	23.0	1.0
20	QPSK	100	0	22.66	22.70	22.61		
20	16QAM	1	1	22.25	22.40	22.36	23.0	1.0
20	64QAM	1	1	22.43	22.53	22.45	23.0	1.0
20	256QAM	1	1	21.39	21.59	21.41	23.0	1.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.63	22.55	22.69	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	22.57	22.53	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	22.57	22.71	22.46	24.0	0.0

n2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	23.03	23.11	22.89	24.0	0.0
40	PI/2 BPSK	1	108	23.03	23.16	23.01		
40	PI/2 BPSK	1	214	23.04	23.14	23.05		
40	PI/2 BPSK	108	0	23.19	23.18	23.08	24.0	0.0
40	PI/2 BPSK	108	54	23.07	23.15	22.98	24.0	0.0
40	PI/2 BPSK	108	108	23.07	23.20	23.15	24.0	0.0
40	PI/2 BPSK	216	0	23.17	23.23	23.24		
40	QPSK	1	1	23.17	23.28	23.26	24.0	0.0
40	QPSK	1	108	22.94	23.15	23.00		
40	QPSK	1	214	23.00	23.18	23.12		
40	QPSK	108	0	23.13	23.24	23.19	24.0	0.0
40	QPSK	108	54	23.13	23.15	23.13	24.0	0.0
40	QPSK	108	108	23.09	23.10	23.01	24.0	0.0
40	QPSK	216	0	23.02	23.21	23.20		
40	16QAM	1	1	22.84	22.93	22.94	24.0	0.0
40	64QAM	1	1	22.97	22.97	22.78	24.0	0.0
40	256QAM	1	1	21.80	21.98	21.96	22.5	1.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	23.24	23.26	23.21	24.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.99	23.07	23.18	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	23.03	23.19	23.11	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	23.07	23.07	23.05	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.00	23.15	23.10	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.96	23.22	23.18	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	23.05	23.08	23.24	24.0	0.0

n7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.72	22.93	22.91	24.0	0.0
50	PI/2 BPSK	1	135	22.86	22.99	22.95		
50	PI/2 BPSK	1	268	22.80	22.92	22.82		
50	PI/2 BPSK	135	0	22.88	23.02	22.85	24.0	0.0
50	PI/2 BPSK	135	68	23.03	23.04	22.88	24.0	0.0
50	PI/2 BPSK	135	135	22.93	23.06	23.01	24.0	0.0
50	PI/2 BPSK	270	0	22.97	23.01	22.89		
50	QPSK	1	1	23.00	23.08	22.93	24.0	0.0
50	QPSK	1	135	22.82	22.98	22.90		
50	QPSK	1	268	22.80	23.01	22.82		
50	QPSK	135	0	22.84	23.03	22.82	24.0	0.0
50	QPSK	135	68	22.97	23.06	22.98	24.0	0.0
50	QPSK	135	135	22.87	23.04	22.86	24.0	0.0
50	QPSK	270	0	22.97	23.02	22.85		
50	16QAM	1	1	22.53	22.75	22.58	24.0	0.0
50	64QAM	1	1	22.83	22.83	22.66	24.0	0.0
50	256QAM	1	1	21.62	21.71	21.55	22.5	1.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.00	23.02	22.94	24.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	23.03	23.09	22.88	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.96	23.02	22.80	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	22.96	23.06	22.77	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.99	22.96	22.79	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	22.97	22.88	22.72	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.83	22.90	22.84	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	22.94	23.06	22.85	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	23.11	23.14	23.14	24.0	0.0
45	PI/2 BPSK	1	120	23.00	23.19	23.20		
45	PI/2 BPSK	1	240	23.06	23.15	22.99		
45	PI/2 BPSK	120	0	23.12	23.31	23.21	24.0	0.0
45	PI/2 BPSK	120	60	23.14	23.30	23.11	24.0	0.0
45	PI/2 BPSK	120	120	23.22	23.28	23.17	24.0	0.0
45	PI/2 BPSK	240	0	23.10	23.17	23.03		
45	QPSK	1	1	23.20	23.34	23.13	24.0	0.0
45	QPSK	1	120	23.18	23.23	23.17		
45	QPSK	1	240	23.11	23.19	23.06		
45	QPSK	120	0	23.13	23.31	23.24	24.0	0.0
45	QPSK	120	60	23.26	23.32	23.16	24.0	0.0
45	QPSK	120	120	23.08	23.27	23.11	24.0	0.0
45	QPSK	240	0	23.18	23.31	23.16		
45	16QAM	1	1	22.87	22.94	22.82	24.0	0.0
45	64QAM	1	1	22.76	22.96	22.83	24.0	0.0
45	256QAM	1	1	22.10	22.08	22.09	23.0	1.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.06	23.16	22.96	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.26	23.37	23.16	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.01	23.22	23.01	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	23.04	23.19	23.07	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.07	23.24	23.03	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	23.15	23.15	23.06	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.12	23.16	23.08	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	23.19	23.14	23.15	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	23.04	23.08	23.02	24.0	0.0
40	PI/2 BPSK	1	53	22.97	23.05	23.02		
40	PI/2 BPSK	1	104	23.02	23.03	22.95		
40	PI/2 BPSK	50	0	22.91	23.00	22.81	24.0	0.0
40	PI/2 BPSK	50	28	23.07	23.07	23.04	24.0	0.0
40	PI/2 BPSK	50	56	22.86	23.03	22.92	24.0	0.0
40	PI/2 BPSK	100	0	22.86	23.08	22.89		
40	QPSK	1	1	22.99	23.11	23.08	24.0	0.0
40	QPSK	1	53	22.99	23.01	22.87		
40	QPSK	1	104	23.01	23.02	22.80		
40	QPSK	50	0	22.94	23.08	23.01	24.0	0.0
40	QPSK	50	28	22.94	23.09	23.05	24.0	0.0
40	QPSK	50	56	23.01	23.05	22.93	24.0	0.0
40	QPSK	100	0	22.96	23.02	22.86		
40	16QAM	1	1	22.80	22.81	22.80	24.0	0.0
40	64QAM	1	1	22.83	22.83	22.64	24.0	0.0
40	256QAM	1	1	21.71	21.93	21.81	23.0	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.77	23.07	22.91	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.97	22.97	22.95	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.96	23.03	23.04	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	22.80	22.97	22.95	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	22.84	23.08	22.95	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	22.94	22.97	22.95	24.0	0.0
100	PI/2 BPSK	1	137	23.11	23.09	23.10		
100	PI/2 BPSK	1	271	22.88	23.05	22.94		
100	PI/2 BPSK	135	0	22.96	23.13	22.96	24.0	0.0
100	PI/2 BPSK	135	69	22.90	23.06	22.95	24.0	0.0
100	PI/2 BPSK	135	138	23.06	23.11	22.95	24.0	0.0
100	PI/2 BPSK	270	0	22.94	23.07	22.88		
100	QPSK	1	1	23.09	23.15	23.08	24.0	0.0
100	QPSK	1	137	22.73	22.95	22.86		
100	QPSK	1	271	22.91	23.01	22.92		
100	QPSK	135	0	22.99	23.10	23.02	24.0	0.0
100	QPSK	135	69	22.99	23.15	23.05	24.0	0.0
100	QPSK	135	138	22.83	23.03	23.00	24.0	0.0
100	QPSK	270	0	22.94	23.07	22.91		
100	16QAM	1	1	22.62	22.69	22.61	24.0	0.0
100	64QAM	1	1	22.56	22.68	22.56	24.0	0.0
100	256QAM	1	1	21.93	21.99	21.88	23.0	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.96	23.08	22.86	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	22.87	23.06	23.05	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	23.00	23.04	22.93	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	23.02	23.06	23.09	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	22.93	23.07	23.02	24.0	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	23.09	23.09	23.06	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	22.92	22.99	23.06	24.0	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	23.11	23.12	23.12	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.05	22.98	22.93	24.0	0.0
Channel				501700	518600	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.5	2593	2677.5		
25	QPSK	1	1	23.00	23.01	22.99	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.09	22.99	23.00	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.09	23.07	23.04	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	22.89	23.08	22.97	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	18.58	18.78	18.89	20.1	0.0
40	PI/2 BPSK	1	108	18.76	19.03	18.84		
40	PI/2 BPSK	1	214	18.83	18.99	18.86		
40	PI/2 BPSK	108	0	18.99	18.92	18.88	20.1	0.0
40	PI/2 BPSK	108	54	18.92	18.95	18.76	20.1	0.0
40	PI/2 BPSK	108	108	18.85	19.07	18.96	20.1	0.0
40	PI/2 BPSK	216	0	18.95	19.04	18.71		
40	QPSK	1	1	18.87	19.08	18.89	20.1	0.0
40	QPSK	1	108	18.83	18.90	18.85		
40	QPSK	1	214	18.89	19.03	18.87		
40	QPSK	108	0	18.76	19.00	18.94	20.1	0.0
40	QPSK	108	54	19.04	19.06	18.91	20.1	0.0
40	QPSK	108	108	19.04	18.99	18.78	20.1	0.0
40	QPSK	216	0	18.93	19.05	18.79		
40	16QAM	1	1	18.67	18.73	18.48	20.1	0.0
40	64QAM	1	1	18.44	18.61	18.77	20.1	0.0
40	256QAM	1	1	18.85	19.05	18.84	20.1	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1807.5	1880	1892.5		
35	QPSK	1	1	18.80	19.10	18.90	20.1	0.0
Channel				372000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	18.75	18.99	18.89	20.1	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	18.82	18.87	18.85	20.1	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	18.69	19.02	18.69	20.1	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.71	19.07	18.71	20.1	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.80	19.04	18.82	20.1	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.74	19.03	18.81	20.1	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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.13	22.04	22.08	23.6	0.0
20	PI/2 BPSK	1	53	22.06	22.40	22.24		
20	PI/2 BPSK	1	104	22.06	22.24	22.03		
20	PI/2 BPSK	50	0	22.13	22.39	22.15	23.6	0.0
20	PI/2 BPSK	50	28	22.12	22.28	22.27	23.6	0.0
20	PI/2 BPSK	50	56	22.22	22.26	22.13	23.6	0.0
20	PI/2 BPSK	100	0	21.97	22.20	22.27		
20	QPSK	1	1	22.40	22.47	22.24	23.6	0.0
20	QPSK	1	53	22.19	22.37	22.33		
20	QPSK	1	104	22.18	22.10	22.05		
20	QPSK	50	0	22.10	22.40	22.05	23.6	0.0
20	QPSK	50	28	22.06	22.34	22.03	23.6	0.0
20	QPSK	50	56	22.20	22.13	22.15	23.6	0.0
20	QPSK	100	0	22.07	22.24	22.10		
20	16QAM	1	1	21.93	21.86	21.83	23.6	0.0
20	64QAM	1	1	22.00	22.13	21.78	23.6	0.0
20	256QAM	1	1	21.26	21.43	21.32	23.1	0.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.76	21.78	21.86	23.6	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.69	21.78	21.86	23.6	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.70	21.91	21.91	23.6	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.00	19.08	18.94	20.6	0.0
50	PI/2 BPSK	1	135	18.86	18.98	18.83		
50	PI/2 BPSK	1	268	18.86	18.89	18.74		
50	PI/2 BPSK	135	0	18.98	19.05	18.85	20.6	0.0
50	PI/2 BPSK	135	68	18.79	18.93	18.81	20.6	0.0
50	PI/2 BPSK	135	135	18.75	18.98	18.87	20.6	0.0
50	PI/2 BPSK	270	0	18.89	18.88	18.83		
50	QPSK	1	1	19.08	19.16	19.13	20.6	0.0
50	QPSK	1	135	18.89	19.02	19.00		
50	QPSK	1	268	18.97	19.04	18.96		
50	QPSK	135	0	18.71	18.74	18.79	20.6	0.0
50	QPSK	135	68	18.92	19.09	18.94	20.6	0.0
50	QPSK	135	135	18.71	18.66	18.63	20.6	0.0
50	QPSK	270	0	18.65	18.85	18.71		
50	16QAM	1	1	18.80	18.83	18.81	20.6	0.0
50	64QAM	1	1	18.77	18.89	18.67	20.6	0.0
50	256QAM	1	1	18.80	18.92	18.79	20.6	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.02	19.06	19.02	20.6	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	18.99	19.03	19.04	20.6	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.04	19.10	19.00	20.6	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.02	19.07	19.06	20.6	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.00	19.10	19.00	20.6	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.98	19.05	19.01	20.6	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.95	19.00	19.00	20.6	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.93	19.03	19.04	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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.20	22.17	22.18	23.6	0.0
20	PI/2 BPSK	1	53	22.14	22.47	22.28		
20	PI/2 BPSK	1	104	22.18	22.30	22.08		
20	PI/2 BPSK	50	0	22.20	22.45	22.30	23.6	0.0
20	PI/2 BPSK	50	28	22.22	22.33	22.35	23.6	0.0
20	PI/2 BPSK	50	56	22.30	22.37	22.27	23.6	0.0
20	PI/2 BPSK	100	0	22.09	22.29	22.33		
20	QPSK	1	1	22.45	22.52	22.30	23.6	0.0
20	QPSK	1	53	22.34	22.46	22.42		
20	QPSK	1	104	22.24	22.25	22.19		
20	QPSK	50	0	22.24	22.49	22.16	23.6	0.0
20	QPSK	50	28	22.17	22.48	22.18	23.6	0.0
20	QPSK	50	56	22.35	22.26	22.23	23.6	0.0
20	QPSK	100	0	22.23	22.29	22.17		
20	16QAM	1	1	22.01	21.99	21.93	23.6	0.0
20	64QAM	1	1	22.15	22.21	21.88	23.6	0.0
20	256QAM	1	1	21.03	21.11	21.02	22.6	1.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.05	21.95	21.78	23.6	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.99	22.14	21.86	23.6	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.03	22.11	21.80	23.6	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	18.50	18.75	18.75	19.9	0.0
45	PI/2 BPSK	1	120	18.58	18.76	18.61		
45	PI/2 BPSK	1	240	18.53	18.80	18.71		
45	PI/2 BPSK	120	0	18.59	18.71	18.54	19.9	0.0
45	PI/2 BPSK	120	60	18.52	18.79	18.64	19.9	0.0
45	PI/2 BPSK	120	120	18.62	18.62	18.54	19.9	0.0
45	PI/2 BPSK	240	0	18.57	18.69	18.60		
45	QPSK	1	1	18.51	18.86	18.73	19.9	0.0
45	QPSK	1	120	18.68	18.78	18.72		
45	QPSK	1	240	18.49	18.79	18.61		
45	QPSK	120	0	18.59	18.75	18.55	19.9	0.0
45	QPSK	120	60	18.64	18.69	18.70	19.9	0.0
45	QPSK	120	120	18.55	18.65	18.65	19.9	0.0
45	QPSK	240	0	18.60	18.69	18.54		
45	16QAM	1	1	18.50	18.84	18.66	19.9	0.0
45	64QAM	1	1	18.51	18.63	18.63	19.9	0.0
45	256QAM	1	1	18.65	18.65	18.61	19.9	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1731	1745	1759		
40	QPSK	1	1	18.48	18.71	18.67	19.9	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.46	18.85	18.68	19.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.41	18.75	18.72	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	18.35	18.75	18.63	19.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.31	18.58	18.71	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	18.29	18.66	18.74	19.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.43	18.60	18.64	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	18.74	18.56	19.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.31	19.34	19.21	20.9	0.0
40	PI/2 BPSK	1	53	19.29	19.30	19.17		
40	PI/2 BPSK	1	104	19.36	19.32	19.27		
40	PI/2 BPSK	50	0	19.25	19.29	19.21	20.9	0.0
40	PI/2 BPSK	50	28	19.39	19.39	19.18	20.9	0.0
40	PI/2 BPSK	50	56	19.23	19.41	19.34	20.9	0.0
40	PI/2 BPSK	100	0	19.38	19.37	19.23		
40	QPSK	1	1	19.29	19.51	19.19	20.9	0.0
40	QPSK	1	53	19.29	19.29	19.27		
40	QPSK	1	104	19.33	19.36	19.25		
40	QPSK	50	0	19.20	19.36	19.16	20.9	0.0
40	QPSK	50	28	19.26	19.40	19.30	20.9	0.0
40	QPSK	50	56	19.34	19.34	19.15	20.9	0.0
40	QPSK	100	0	19.31	19.35	19.12		
40	16QAM	1	1	19.29	19.39	19.11	20.9	0.0
40	64QAM	1	1	19.38	19.42	19.32	20.9	0.0
40	256QAM	1	1	19.30	19.34	19.11	20.9	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.28	19.26	19.02	20.9	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.21	19.20	19.14	20.9	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.14	19.39	18.98	20.9	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.29	19.34	19.09	20.9	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.26	19.23	18.98	20.9	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.39	19.28	19.39	20.9	0.0
100	PI/2 BPSK	1	137	19.27	19.40	19.38		
100	PI/2 BPSK	1	271	19.31	19.29	19.25		
100	PI/2 BPSK	135	0	19.37	19.31	19.40	20.9	0.0
100	PI/2 BPSK	135	69	19.40	19.46	19.38	20.9	0.0
100	PI/2 BPSK	135	138	19.29	19.45	19.22	20.9	0.0
100	PI/2 BPSK	270	0	19.23	19.43	19.23		
100	QPSK	1	1	19.29	19.49	19.39	20.9	0.0
100	QPSK	1	137	19.38	19.31	19.33		
100	QPSK	1	271	19.36	19.40	19.27		
100	QPSK	135	0	19.38	19.32	19.37	20.9	0.0
100	QPSK	135	69	19.36	19.40	19.30	20.9	0.0
100	QPSK	135	138	19.29	19.30	19.26	20.9	0.0
100	QPSK	270	0	19.28	19.35	19.32		
100	16QAM	1	1	19.23	19.32	19.39	20.9	0.0
100	64QAM	1	1	19.34	19.32	19.41	20.9	0.0
100	256QAM	1	1	19.29	19.38	19.31	20.9	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.28	19.40	19.37	20.9	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.21	19.32	19.23	20.9	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.14	19.28	19.40	20.9	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.28	19.38	19.39	20.9	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.30	19.36	19.37	20.9	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	19.36	19.53	19.36	20.9	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.30	19.30	19.36	20.9	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	19.34	19.44	19.33	20.9	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.20	19.28	19.37	20.9	0.0
Channel				501700	518600	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.5	2593	2677.5		
25	QPSK	1	1	19.19	19.25	19.29	20.9	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.19	19.30	19.20	20.9	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.10	19.38	19.21	20.9	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.11	19.23	19.18	20.9	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.52	18.59	18.61	19.5	0.0
100	PI/2 BPSK	1	137	18.09	18.20	18.10		
100	PI/2 BPSK	1	271	17.62	17.78	17.73		
100	PI/2 BPSK	135	0	18.26	18.46	18.31	19.5	0.0
100	PI/2 BPSK	135	69	18.06	18.25	18.10	19.5	0.0
100	PI/2 BPSK	135	138	18.02	18.06	17.97	19.5	0.0
100	PI/2 BPSK	270	0	18.16	18.29	18.14		
100	QPSK	1	1	18.57	18.69	18.61	19.5	0.0
100	QPSK	1	137	18.02	18.22	18.14		
100	QPSK	1	271	17.79	17.79	17.75		
100	QPSK	135	0	18.40	18.45	18.44	19.5	0.0
100	QPSK	135	69	18.18	18.49	18.11	19.5	0.0
100	QPSK	135	138	18.01	18.11	17.98	19.5	0.0
100	QPSK	270	0	18.17	18.32	18.28		
100	16QAM	1	1	18.24	18.38	18.26	19.5	0.0
100	64QAM	1	1	18.35	18.36	18.17	19.5	0.0
100	256QAM	1	1	17.27	17.49	17.47	18.5	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.50	18.65	18.57	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	18.53	18.55	18.63	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.55	18.65	18.58	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	18.55	18.55	18.63	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	18.51	18.58	18.42	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.40	18.63	18.60	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	18.54	18.56	18.52	19.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.43	18.50	18.40	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	18.38	18.58	18.48	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	18.41	18.63	18.40	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.36	18.51	18.40	19.5	0.0

Part27O n78 Ant3

BW [MHz]	Modulation	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		18.50		19.5	0.0
100	PI/2 BPSK	1	137		18.20			
100	PI/2 BPSK	1	271		17.83			
100	PI/2 BPSK	135	0		18.43		19.5	0.0
100	PI/2 BPSK	135	69		18.24		19.5	0.0
100	PI/2 BPSK	135	138		18.09		19.5	0.0
100	PI/2 BPSK	270	0		18.29			
100	QPSK	1	1		18.64		19.5	0.0
100	QPSK	1	137		18.25			
100	QPSK	1	271		17.85			
100	QPSK	135	0		18.29		19.5	0.0
100	QPSK	135	69		18.49		19.5	0.0
100	QPSK	135	138		18.11		19.5	0.0
100	QPSK	270	0		18.31			
100	16QAM	1	1		18.40		19.5	0.0
100	64QAM	1	1		18.41		19.5	0.0
100	256QAM	1	1		17.48		18.5	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.42	18.55	18.44	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	18.36	18.44	18.41	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.42	18.41	18.39	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	18.20	18.37	18.40	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	18.23	18.33	18.31	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.43	18.56	18.40	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	18.41	18.40	18.40	19.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.32	18.48	18.35	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	18.36	18.50	18.29	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	18.31	18.40	18.26	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.29	18.40	18.44	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	15.33	15.51	15.49	16.4	0.0
100	PI/2 BPSK	1	137	15.36	15.36	15.50		
100	PI/2 BPSK	1	271	15.28	15.36	15.49		
100	PI/2 BPSK	135	0	15.32	15.49	15.42	16.4	0.0
100	PI/2 BPSK	135	69	15.41	15.52	15.36	16.4	0.0
100	PI/2 BPSK	135	138	15.33	15.45	15.31	16.4	0.0
100	PI/2 BPSK	270	0	15.32	15.44	15.41		
100	QPSK	1	1	15.34	15.58	15.32	16.4	0.0
100	QPSK	1	137	15.26	15.48	15.42		
100	QPSK	1	271	15.36	15.49	15.45		
100	QPSK	135	0	15.29	15.48	15.41	16.4	0.0
100	QPSK	135	69	15.31	15.52	15.46	16.4	0.0
100	QPSK	135	138	15.24	15.48	15.30	16.4	0.0
100	QPSK	270	0	15.23	15.49	15.33		
100	16QAM	1	1	15.24	15.52	15.37	16.4	0.0
100	64QAM	1	1	15.27	15.40	15.30	16.4	0.0
100	256QAM	1	1	15.36	15.41	15.28	16.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.24	15.40	15.14	16.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.23	15.54	15.10	16.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.19	15.39	15.31	16.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.27	15.46	15.12	16.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.31	15.38	15.15	16.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.29	15.38	15.17	16.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.29	15.38	15.33	16.4	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.34	15.40	15.31	16.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.13	15.37	15.29	16.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.25	15.38	15.12	16.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.15	15.40	15.12	16.4	0.0

Part27O n78 Ant5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.29		16.4	0.0
100	PI/2 BPSK	1	137		15.41			
100	PI/2 BPSK	1	271		15.28			
100	PI/2 BPSK	135	0		15.37		16.4	0.0
100	PI/2 BPSK	135	69		15.45		16.4	0.0
100	PI/2 BPSK	135	138		15.44		16.4	0.0
100	PI/2 BPSK	270	0		15.47			
100	QPSK	1	1		15.48		16.4	0.0
100	QPSK	1	137		15.32			
100	QPSK	1	271		15.30			
100	QPSK	135	0		15.35		16.4	0.0
100	QPSK	135	69		15.45		16.4	0.0
100	QPSK	135	138		15.41		16.4	0.0
100	QPSK	270	0		15.40			
100	16QAM	1	1		15.45		16.4	0.0
100	64QAM	1	1		15.26		16.4	0.0
100	256QAM	1	1		15.27		16.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.32	15.34	15.29	16.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.24	15.20	15.24	16.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.12	15.34	15.20	16.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.20	15.31	15.23	16.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.31	15.27	15.11	16.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.34	15.20	15.19	16.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.27	15.15	15.23	16.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.14	15.16	15.29	16.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.11	15.29	15.23	16.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.17	15.32	15.20	16.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.17	15.13	15.15	16.4	0.0

Part27O n77 Ant7

BW [MHz]	Modulation	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	14.72	14.78	14.81	15.9	0.0
100	PI/2 BPSK	1	137	14.53	14.73	14.62		
100	PI/2 BPSK	1	271	14.57	14.69	14.59		
100	PI/2 BPSK	135	0	14.63	14.81	14.62	15.9	0.0
100	PI/2 BPSK	135	69	14.58	14.80	14.57	15.9	0.0
100	PI/2 BPSK	135	138	14.72	14.77	14.64	15.9	0.0
100	PI/2 BPSK	270	0	14.55	14.77	14.58		
100	QPSK	1	1	14.56	14.82	14.74	15.9	0.0
100	QPSK	1	137	14.54	14.77	14.69		
100	QPSK	1	271	14.73	14.74	14.63		
100	QPSK	135	0	14.57	14.67	14.63	15.9	0.0
100	QPSK	135	69	14.72	14.78	14.65	15.9	0.0
100	QPSK	135	138	14.55	14.74	14.76	15.9	0.0
100	QPSK	270	0	14.51	14.74	14.65		
100	16QAM	1	1	14.68	14.80	14.78	15.9	0.0
100	64QAM	1	1	14.61	14.79	14.59	15.9	0.0
100	256QAM	1	1	14.61	14.75	14.58	15.9	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.59	14.63	14.74	15.9	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	14.52	14.62	14.63	15.9	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.62	14.77	14.81	15.9	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	14.62	14.66	14.60	15.9	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.63	14.67	14.72	15.9	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.61	14.70	14.79	15.9	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.63	14.62	14.73	15.9	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	14.69	14.74	14.81	15.9	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	14.79	14.68	15.9	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	14.71	14.69	14.61	15.9	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.57	14.70	14.79	15.9	0.0

Part27O n78 Ant7

BW [MHz]	Modulation	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		14.41		15.9	0.0
100	PI/2 BPSK	1	137		14.46			
100	PI/2 BPSK	1	271		14.43			
100	PI/2 BPSK	135	0		14.34		15.9	0.0
100	PI/2 BPSK	135	69		14.48		15.9	0.0
100	PI/2 BPSK	135	138		14.43		15.9	0.0
100	PI/2 BPSK	270	0		14.30			
100	QPSK	1	1		14.59		15.9	0.0
100	QPSK	1	137		14.31			
100	QPSK	1	271		14.40			
100	QPSK	135	0		14.42		15.9	0.0
100	QPSK	135	69		14.53		15.9	0.0
100	QPSK	135	138		14.49		15.9	0.0
100	QPSK	270	0		14.46			
100	16QAM	1	1		14.54		15.9	0.0
100	64QAM	1	1		14.49		15.9	0.0
100	256QAM	1	1		14.31		15.9	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	14.50	14.37	14.40	15.9	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	14.38	14.39	14.49	15.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.52	14.32	14.34	15.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.49	14.55	14.44	15.9	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	14.35	14.39	14.55	15.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.42	14.39	14.35	15.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	14.54	14.44	14.47	15.9	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	14.54	14.54	14.47	15.9	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.43	14.40	14.43	15.9	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	14.55	14.33	14.38	15.9	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.38	14.54	14.40	15.9	0.0

Part27O n77 Ant9

BW [MHz]	Modulation	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	19.22	19.21	19.08	20.5	0.0
100	PI/2 BPSK	1	137	18.84	18.88	18.84		
100	PI/2 BPSK	1	271	18.55	18.74	18.63		
100	PI/2 BPSK	135	0	18.92	19.08	18.97	20.5	0.0
100	PI/2 BPSK	135	69	18.75	18.96	18.75	20.5	0.0
100	PI/2 BPSK	135	138	18.91	18.91	18.78	20.5	0.0
100	PI/2 BPSK	270	0	18.93	18.92	18.83		
100	QPSK	1	1	19.20	19.26	19.05	20.5	0.0
100	QPSK	1	137	18.93	18.99	18.77		
100	QPSK	1	271	18.72	18.75	18.68		
100	QPSK	135	0	18.93	18.94	19.05	20.5	0.0
100	QPSK	135	69	18.92	19.14	18.85	20.5	0.0
100	QPSK	135	138	18.89	19.04	18.89	20.5	0.0
100	QPSK	270	0	18.90	19.02	18.91		
100	16QAM	1	1	19.02	19.02	19.01	20.5	0.0
100	64QAM	1	1	18.88	19.09	19.07	20.5	0.0
100	256QAM	1	1	18.16	18.17	18.00	19.5	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.09	19.25	18.95	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	19.17	19.22	19.04	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.20	19.14	18.84	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	19.14	19.17	18.89	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	19.04	19.10	19.04	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.19	19.18	18.95	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	19.09	19.21	18.90	20.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.16	19.25	18.84	20.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.99	19.06	18.99	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	19.18	19.09	18.85	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.03	19.09	18.90	20.5	0.0

Part27O n78 Ant9

BW [MHz]	Modulation	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		19.18		20.5	0.0
100	PI/2 BPSK	1	137		18.87			
100	PI/2 BPSK	1	271		18.78			
100	PI/2 BPSK	135	0		19.04		20.5	0.0
100	PI/2 BPSK	135	69		18.95		20.5	0.0
100	PI/2 BPSK	135	138		18.87		20.5	0.0
100	PI/2 BPSK	270	0		19.00			
100	QPSK	1	1		19.20		20.5	0.0
100	QPSK	1	137		18.90			
100	QPSK	1	271		18.79			
100	QPSK	135	0		19.00		20.5	0.0
100	QPSK	135	69		19.09		20.5	0.0
100	QPSK	135	138		18.88		20.5	0.0
100	QPSK	270	0		19.05			
100	16QAM	1	1		19.07		20.5	0.0
100	64QAM	1	1		19.06		20.5	0.0
100	256QAM	1	1		18.20		19.5	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.00	18.98	19.10	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	18.95	18.98	19.07	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.85	18.90	19.10	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	19.02	18.78	18.90	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	18.81	18.98	19.01	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.00	18.85	18.97	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	18.95	18.84	18.98	20.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.02	18.94	19.08	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	18.78	18.82	19.01	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	19.02	18.88	19.01	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.95	18.83	18.98	20.5	0.0

Reduced Power Mode for ECI 3

n5 Ant0

BW [MHz]	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	22.50	22.63	22.51	24.0	0.0
20	PI/2 BPSK	1	53	22.48	22.64	22.58		
20	PI/2 BPSK	1	104	22.43	22.61	22.40		
20	PI/2 BPSK	50	0	22.53	22.71	22.72	24.0	0.0
20	PI/2 BPSK	50	28	22.44	22.65	22.46	24.0	0.0
20	PI/2 BPSK	50	56	22.49	22.62	22.58	24.0	0.0
20	PI/2 BPSK	100	0	22.53	22.69	22.49		
20	QPSK	1	1	22.65	22.72	22.66	24.0	0.0
20	QPSK	1	53	22.42	22.62	22.58		
20	QPSK	1	104	22.39	22.60	22.40		
20	QPSK	50	0	22.46	22.66	22.66	24.0	0.0
20	QPSK	50	28	22.68	22.70	22.69	24.0	0.0
20	QPSK	50	56	22.50	22.64	22.59	24.0	0.0
20	QPSK	100	0	22.47	22.67	22.60		
20	16QAM	1	1	21.73	21.92	21.78	23.0	1.0
20	64QAM	1	1	21.98	22.00	21.96	23.0	1.0
20	256QAM	1	1	21.50	21.60	21.47	23.0	1.0
Channel				165300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.56	22.70	22.57	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.51	22.58	22.52	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	22.58	22.65	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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.58	22.64	22.53	23.5	0.0
20	PI/2 BPSK	1	53	22.61	22.62	22.41		
20	PI/2 BPSK	1	104	22.32	22.54	22.39		
20	PI/2 BPSK	50	0	22.55	22.65	22.53	23.5	0.0
20	PI/2 BPSK	50	28	22.58	22.72	22.52	23.5	0.0
20	PI/2 BPSK	50	56	22.59	22.69	22.48	23.5	0.0
20	PI/2 BPSK	100	0	22.69	22.72	22.57		
20	QPSK	1	1	22.66	22.75	22.68	23.5	0.0
20	QPSK	1	53	22.40	22.60	22.45		
20	QPSK	1	104	22.33	22.53	22.53		
20	QPSK	50	0	22.63	22.72	22.65	23.0	0.5
20	QPSK	50	28	22.53	22.69	22.62	23.5	0.0
20	QPSK	50	56	22.45	22.65	22.54	23.0	0.5
20	QPSK	100	0	22.66	22.70	22.61		
20	16QAM	1	1	22.25	22.40	22.36	23.0	0.5
20	64QAM	1	1	22.43	22.53	22.45	23.0	0.5
20	256QAM	1	1	21.39	21.59	21.41	23.0	0.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.63	22.55	22.69	23.5	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.51	22.57	22.53	23.5	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.57	22.71	22.46	23.5	0.0

n2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	20.58	20.66	20.56	21.8	0.0
40	PI/2 BPSK	1	108	20.64	20.85	20.55		
40	PI/2 BPSK	1	214	20.56	20.69	20.71		
40	PI/2 BPSK	108	0	20.71	20.66	20.74	21.8	0.0
40	PI/2 BPSK	108	54	20.78	20.84	20.68	21.8	0.0
40	PI/2 BPSK	108	108	20.77	20.86	20.73	21.8	0.0
40	PI/2 BPSK	216	0	20.86	20.88	20.78		
40	QPSK	1	1	20.77	20.94	20.87	21.8	0.0
40	QPSK	1	108	20.51	20.70	20.50		
40	QPSK	1	214	20.64	20.75	20.68		
40	QPSK	108	0	20.80	20.74	20.75	21.8	0.0
40	QPSK	108	54	20.67	20.84	20.67	21.8	0.0
40	QPSK	108	108	20.80	20.60	20.58	21.8	0.0
40	QPSK	216	0	20.53	20.82	20.64		
40	16QAM	1	1	20.49	20.47	20.46	21.8	0.0
40	64QAM	1	1	20.48	20.47	20.29	21.8	0.0
40	256QAM	1	1	20.56	20.69	20.71	21.8	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	20.75	20.73	20.69	21.8	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	20.77	20.73	20.69	21.8	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	20.67	20.67	20.75	21.8	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	20.66	20.72	20.78	21.8	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.66	20.67	20.71	21.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.65	20.70	20.67	21.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.69	20.64	20.73	21.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.83	20.83	20.93	22.2	0.0
50	PI/2 BPSK	1	135	20.91	20.93	20.88		
50	PI/2 BPSK	1	268	20.75	20.89	20.79		
50	PI/2 BPSK	135	0	20.86	21.01	20.77	22.2	0.0
50	PI/2 BPSK	135	68	20.96	21.02	20.88	22.2	0.0
50	PI/2 BPSK	135	135	20.91	21.06	20.93	22.2	0.0
50	PI/2 BPSK	270	0	20.95	21.01	20.86		
50	QPSK	1	1	21.07	21.16	20.93	22.2	0.0
50	QPSK	1	135	20.84	20.93	21.01		
50	QPSK	1	268	20.74	20.92	20.86		
50	QPSK	135	0	20.87	20.92	20.83	22.2	0.0
50	QPSK	135	68	21.01	21.12	20.90	22.2	0.0
50	QPSK	135	135	20.83	21.00	20.97	22.2	0.0
50	QPSK	270	0	20.93	21.04	20.91		
50	16QAM	1	1	20.63	20.69	20.55	22.2	0.0
50	64QAM	1	1	20.78	20.76	20.72	22.2	0.0
50	256QAM	1	1	20.04	20.30	20.16	21.7	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.90	21.09	20.79	22.2	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.93	21.11	20.80	22.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.95	21.11	20.84	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	20.93	21.05	20.80	22.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.94	21.02	20.82	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	20.96	21.07	20.87	22.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.02	21.04	20.89	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	21.00	21.09	20.80	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	19.02	19.22	19.08	20.3	0.0
45	PI/2 BPSK	1	120	19.11	19.11	19.23		
45	PI/2 BPSK	1	240	19.15	19.21	19.10		
45	PI/2 BPSK	120	0	19.17	19.25	19.14	20.3	0.0
45	PI/2 BPSK	120	60	19.22	19.20	19.07	20.3	0.0
45	PI/2 BPSK	120	120	19.15	19.21	19.12	20.3	0.0
45	PI/2 BPSK	240	0	19.04	19.07	19.08		
45	QPSK	1	1	19.22	19.33	19.14	20.3	0.0
45	QPSK	1	120	19.25	19.22	19.26		
45	QPSK	1	240	19.06	19.15	19.17		
45	QPSK	120	0	19.18	19.22	19.23	20.3	0.0
45	QPSK	120	60	19.25	19.26	19.10	20.3	0.0
45	QPSK	120	120	19.03	19.16	19.09	20.3	0.0
45	QPSK	240	0	19.19	19.20	19.06		
45	16QAM	1	1	19.14	19.11	19.07	20.3	0.0
45	64QAM	1	1	19.08	19.08	19.03	20.3	0.0
45	256QAM	1	1	19.01	19.27	19.26	20.3	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	19.10	19.29	18.99	20.3	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	19.11	19.27	19.03	20.3	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.15	19.18	18.99	20.3	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.12	19.29	19.00	20.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.06	19.23	18.99	20.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.08	19.27	18.98	20.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.14	19.19	19.05	20.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.07	19.21	19.02	20.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.50	19.51	19.59	20.7	0.0
40	PI/2 BPSK	1	53	19.48	19.50	19.51		
40	PI/2 BPSK	1	104	19.55	19.50	19.62		
40	PI/2 BPSK	50	0	19.61	19.49	19.63	20.7	0.0
40	PI/2 BPSK	50	28	19.41	19.64	19.62	20.7	0.0
40	PI/2 BPSK	50	56	19.60	19.50	19.57	20.7	0.0
40	PI/2 BPSK	100	0	19.59	19.70	19.58		
40	QPSK	1	1	19.49	19.71	19.59	20.7	0.0
40	QPSK	1	53	19.44	19.50	19.59		
40	QPSK	1	104	19.45	19.69	19.66		
40	QPSK	50	0	19.61	19.65	19.50	20.7	0.0
40	QPSK	50	28	19.53	19.56	19.62	20.7	0.0
40	QPSK	50	56	19.55	19.64	19.49	20.7	0.0
40	QPSK	100	0	19.51	19.61	19.57		
40	16QAM	1	1	19.42	19.69	19.64	20.7	0.0
40	64QAM	1	1	19.60	19.67	19.47	20.7	0.0
40	256QAM	1	1	19.40	19.51	19.49	20.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.41	19.67	19.42	20.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.44	19.56	19.45	20.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.37	19.59	19.42	20.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.42	19.62	19.55	20.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.42	19.58	19.51	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.53	19.61	19.66	20.7	0.0
100	PI/2 BPSK	1	137	19.62	19.59	19.66		
100	PI/2 BPSK	1	271	19.65	19.70	19.48		
100	PI/2 BPSK	135	0	19.52	19.61	19.66	20.7	0.0
100	PI/2 BPSK	135	69	19.70	19.55	19.59	20.7	0.0
100	PI/2 BPSK	135	138	19.49	19.57	19.66	20.7	0.0
100	PI/2 BPSK	270	0	19.65	19.53	19.64		
100	QPSK	1	1	19.50	19.73	19.64	20.7	0.0
100	QPSK	1	137	19.56	19.57	19.70		
100	QPSK	1	271	19.69	19.70	19.55		
100	QPSK	135	0	19.58	19.65	19.65	20.7	0.0
100	QPSK	135	69	19.61	19.70	19.64	20.7	0.0
100	QPSK	135	138	19.48	19.63	19.64	20.7	0.0
100	QPSK	270	0	19.63	19.65	19.49		
100	16QAM	1	1	19.66	19.62	19.69	20.7	0.0
100	64QAM	1	1	19.54	19.54	19.67	20.7	0.0
100	256QAM	1	1	19.49	19.60	19.50	20.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.35	19.57	19.52	20.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.45	19.59	19.58	20.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.43	19.68	19.50	20.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.37	19.57	19.61	20.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.40	19.70	19.55	20.7	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	19.42	19.65	19.59	20.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.34	19.57	19.55	20.7	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	19.41	19.63	19.58	20.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.34	19.64	19.50	20.7	0.0
Channel				501700	518600	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.5	2593	2677.5		
25	QPSK	1	1	19.28	19.54	19.51	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.41	19.67	19.48	20.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.39	19.65	19.49	20.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.42	19.63	19.58	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	19.42	19.63	19.39	21.2	0.0
40	PI/2 BPSK	1	108	19.53	19.54	19.42		
40	PI/2 BPSK	1	214	19.41	19.65	19.53		
40	PI/2 BPSK	108	0	19.48	19.62	19.54	21.2	0.0
40	PI/2 BPSK	108	54	19.53	19.66	19.58	21.2	0.0
40	PI/2 BPSK	108	108	19.39	19.68	19.41	21.2	0.0
40	PI/2 BPSK	216	0	19.34	19.54	19.45		
40	QPSK	1	1	19.47	19.69	19.38	21.2	0.0
40	QPSK	1	108	19.42	19.60	19.54		
40	QPSK	1	214	19.36	19.66	19.59		
40	QPSK	108	0	19.40	19.61	19.55	21.2	0.0
40	QPSK	108	54	19.52	19.67	19.48	21.2	0.0
40	QPSK	108	108	19.49	19.60	19.38	21.2	0.0
40	QPSK	216	0	19.45	19.67	19.56		
40	16QAM	1	1	19.45	19.46	19.36	21.2	0.0
40	64QAM	1	1	19.55	19.67	19.45	21.2	0.0
40	256QAM	1	1	19.42	19.64	19.59	21.2	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	19.42	19.54	19.33	21.2	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	19.41	19.47	19.60	21.2	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	19.35	19.49	19.37	21.2	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	19.35	19.66	19.44	21.2	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.55	19.47	19.41	21.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.50	19.48	19.51	21.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.54	19.49	19.59	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.61	22.71	22.70	24.0	0.0
20	PI/2 BPSK	1	53	22.79	22.82	22.80		
20	PI/2 BPSK	1	104	22.58	22.77	22.58		
20	PI/2 BPSK	50	0	22.83	22.85	22.67	24.0	0.0
20	PI/2 BPSK	50	28	22.77	22.80	22.62	24.0	0.0
20	PI/2 BPSK	50	56	22.76	22.86	22.83	24.0	0.0
20	PI/2 BPSK	100	0	22.87	22.87	22.72		
20	QPSK	1	1	22.74	22.89	22.82	24.0	0.0
20	QPSK	1	53	22.69	22.84	22.82		
20	QPSK	1	104	22.79	22.80	22.78		
20	QPSK	50	0	22.65	22.86	22.82	24.0	0.0
20	QPSK	50	28	22.82	22.88	22.74	24.0	0.0
20	QPSK	50	56	22.70	22.83	22.82	24.0	0.0
20	QPSK	100	0	22.69	22.85	22.65		
20	16QAM	1	1	22.32	22.48	22.39	24.0	0.0
20	64QAM	1	1	22.37	22.58	22.37	24.0	0.0
20	256QAM	1	1	21.52	21.64	21.54	23.0	1.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.57	22.70	22.67	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.58	22.86	22.74	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	22.63	22.79	22.65	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.00	19.08	18.94	20.6	0.0
50	PI/2 BPSK	1	135	18.86	18.98	18.83		
50	PI/2 BPSK	1	268	18.86	18.89	18.74		
50	PI/2 BPSK	135	0	18.98	19.05	18.85	20.6	0.0
50	PI/2 BPSK	135	68	18.79	18.93	18.81	20.6	0.0
50	PI/2 BPSK	135	135	18.75	18.98	18.87	20.6	0.0
50	PI/2 BPSK	270	0	18.89	18.88	18.83		
50	QPSK	1	1	19.08	19.16	19.13	20.6	0.0
50	QPSK	1	135	18.89	19.02	19.00		
50	QPSK	1	268	18.97	19.04	18.96		
50	QPSK	135	0	18.71	18.74	18.79	20.6	0.0
50	QPSK	135	68	18.92	19.09	18.94	20.6	0.0
50	QPSK	135	135	18.71	18.66	18.63	20.6	0.0
50	QPSK	270	0	18.65	18.85	18.71		
50	16QAM	1	1	18.80	18.83	18.81	20.6	0.0
50	64QAM	1	1	18.77	18.89	18.67	20.6	0.0
50	256QAM	1	1	18.80	18.92	18.79	20.6	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.02	19.06	19.02	20.6	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	18.99	19.03	19.04	20.6	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.04	19.10	19.00	20.6	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.02	19.07	19.06	20.6	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.00	19.10	19.00	20.6	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.98	19.05	19.01	20.6	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.95	19.00	19.00	20.6	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.93	19.03	19.04	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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.75	22.75	22.64	23.5	0.0
20	PI/2 BPSK	1	53	22.69	22.89	22.70		
20	PI/2 BPSK	1	104	22.71	22.78	22.69		
20	PI/2 BPSK	50	0	22.74	22.91	22.80	23.5	0.0
20	PI/2 BPSK	50	28	22.80	22.92	22.82	23.5	0.0
20	PI/2 BPSK	50	56	22.79	22.81	22.69	23.5	0.0
20	PI/2 BPSK	100	0	22.70	22.89	22.87		
20	QPSK	1	1	22.91	22.93	22.71	23.5	0.0
20	QPSK	1	53	22.72	22.89	22.89		
20	QPSK	1	104	22.73	22.79	22.59		
20	QPSK	50	0	22.80	22.89	22.77	23.5	0.0
20	QPSK	50	28	22.78	22.91	22.69	23.5	0.0
20	QPSK	50	56	22.73	22.81	22.62	23.5	0.0
20	QPSK	100	0	22.79	22.90	22.72		
20	16QAM	1	1	22.41	22.53	22.53	23.5	0.0
20	64QAM	1	1	22.55	22.62	22.46	23.5	0.0
20	256QAM	1	1	21.61	21.68	21.56	22.0	1.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.89	22.85	22.55	23.5	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.78	22.82	22.59	23.5	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.81	22.73	22.69	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	18.06	17.94	17.94	19.4	0.0
45	PI/2 BPSK	1	120	18.05	18.08	17.95		
45	PI/2 BPSK	1	240	17.89	17.99	17.76		
45	PI/2 BPSK	120	0	17.99	17.91	17.89	19.4	0.0
45	PI/2 BPSK	120	60	17.95	17.93	17.85	19.4	0.0
45	PI/2 BPSK	120	120	17.94	18.07	17.85	19.4	0.0
45	PI/2 BPSK	240	0	17.86	17.94	17.78		
45	QPSK	1	1	17.89	18.15	17.98	19.4	0.0
45	QPSK	1	120	17.95	18.01	18.00		
45	QPSK	1	240	17.89	17.92	17.92		
45	QPSK	120	0	18.01	17.99	17.85	19.4	0.0
45	QPSK	120	60	18.05	18.10	17.92	19.4	0.0
45	QPSK	120	120	17.85	18.00	17.82	19.4	0.0
45	QPSK	240	0	17.93	17.99	17.89		
45	16QAM	1	1	17.93	18.09	17.89	19.4	0.0
45	64QAM	1	1	17.87	17.96	17.82	19.4	0.0
45	256QAM	1	1	18.02	17.97	17.78	19.4	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	17.86	17.94	17.78	19.4	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	17.84	18.00	17.86	19.4	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.89	17.92	17.92	19.4	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.05	18.00	17.92	19.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.93	17.94	17.99	19.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.89	17.99	17.76	19.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.89	18.08	18.00	19.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.86	18.05	17.84	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.12	18.23	18.06	19.4	0.0
40	PI/2 BPSK	1	53	18.11	18.07	17.88		
40	PI/2 BPSK	1	104	18.06	18.08	17.97		
40	PI/2 BPSK	50	0	18.22	18.08	17.82	19.4	0.0
40	PI/2 BPSK	50	28	18.13	18.10	17.94	19.4	0.0
40	PI/2 BPSK	50	56	18.19	18.12	17.99	19.4	0.0
40	PI/2 BPSK	100	0	18.02	18.16	17.99		
40	QPSK	1	1	18.21	18.25	17.88	19.4	0.0
40	QPSK	1	53	18.12	18.07	17.95		
40	QPSK	1	104	18.16	18.03	17.90		
40	QPSK	50	0	18.05	18.04	17.89	19.4	0.0
40	QPSK	50	28	18.03	18.21	18.02	19.4	0.0
40	QPSK	50	56	18.19	18.18	17.94	19.4	0.0
40	QPSK	100	0	18.18	18.20	17.95		
40	16QAM	1	1	18.07	18.18	17.93	19.4	0.0
40	64QAM	1	1	18.21	18.19	17.98	19.4	0.0
40	256QAM	1	1	18.17	18.11	17.93	19.4	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.23	18.11	17.98	19.4	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.00	18.13	17.83	19.4	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.09	18.13	17.90	19.4	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.10	18.07	17.98	19.4	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.02	18.10	17.87	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.96	18.26	17.98	19.4	0.0
100	PI/2 BPSK	1	137	17.92	18.06	18.18		
100	PI/2 BPSK	1	271	18.12	18.16	18.05		
100	PI/2 BPSK	135	0	17.94	18.06	18.14	19.4	0.0
100	PI/2 BPSK	135	69	18.14	18.11	18.09	19.4	0.0
100	PI/2 BPSK	135	138	18.15	18.09	18.16	19.4	0.0
100	PI/2 BPSK	270	0	17.92	18.24	18.01		
100	QPSK	1	1	18.07	18.29	18.07	19.4	0.0
100	QPSK	1	137	18.02	18.21	18.04		
100	QPSK	1	271	18.00	18.22	18.11		
100	QPSK	135	0	18.09	18.09	18.02	19.4	0.0
100	QPSK	135	69	18.02	18.25	18.07	19.4	0.0
100	QPSK	135	138	18.10	18.09	18.05	19.4	0.0
100	QPSK	270	0	18.08	18.23	18.20		
100	16QAM	1	1	18.04	18.23	18.04	19.4	0.0
100	64QAM	1	1	18.11	18.09	18.21	19.4	0.0
100	256QAM	1	1	17.96	18.05	18.13	19.4	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.04	18.14	18.15	19.4	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.98	18.20	18.02	19.4	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.12	18.13	18.06	19.4	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.09	18.13	18.02	19.4	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.92	18.09	18.05	19.4	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	17.91	18.22	17.93	19.4	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.98	18.20	18.02	19.4	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	18.04	18.25	18.04	19.4	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.99	18.18	18.10	19.4	0.0
Channel				501700	518600	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.5	2593	2677.5		
25	QPSK	1	1	18.01	18.15	18.09	19.4	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.96	18.27	18.07	19.4	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.98	18.12	18.11	19.4	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.92	18.20	18.20	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	13.10	13.20	13.23	14.3	0.0
100	PI/2 BPSK	1	137	13.19	13.29	13.10		
100	PI/2 BPSK	1	271	13.00	13.12	13.15		
100	PI/2 BPSK	135	0	13.19	13.15	13.19	14.3	0.0
100	PI/2 BPSK	135	69	13.17	13.20	13.20	14.3	0.0
100	PI/2 BPSK	135	138	13.18	13.13	13.17	14.3	0.0
100	PI/2 BPSK	270	0	12.99	13.13	13.11		
100	QPSK	1	1	13.00	13.30	13.20	14.3	0.0
100	QPSK	1	137	13.19	13.10	13.19		
100	QPSK	1	271	13.03	13.22	12.99		
100	QPSK	135	0	12.96	13.18	13.07	14.3	0.0
100	QPSK	135	69	13.16	13.28	13.22	14.3	0.0
100	QPSK	135	138	13.01	13.10	13.05	14.3	0.0
100	QPSK	270	0	13.01	13.14	13.12		
100	16QAM	1	1	13.11	13.25	13.13	14.3	0.0
100	64QAM	1	1	12.99	13.24	13.07	14.3	0.0
100	256QAM	1	1	13.06	13.14	13.22	14.3	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	13.14	13.21	13.20	14.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	12.97	13.16	13.06	14.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.95	13.23	13.05	14.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	12.96	13.09	13.21	14.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	13.11	13.13	13.16	14.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.98	13.25	13.17	14.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	13.08	13.13	13.14	14.3	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	13.00	13.15	13.21	14.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	13.03	13.24	13.00	14.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	13.05	13.28	13.10	14.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	13.10	13.23	13.01	14.3	0.0

Part27O n78 Ant3

BW [MHz]	Modulation	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		13.17		14.3	0.0
100	PI/2 BPSK	1	137		13.24			
100	PI/2 BPSK	1	271		13.07			
100	PI/2 BPSK	135	0		13.09		14.3	0.0
100	PI/2 BPSK	135	69		13.16		14.3	0.0
100	PI/2 BPSK	135	138		13.10		14.3	0.0
100	PI/2 BPSK	270	0		13.10			
100	QPSK	1	1		13.25		14.3	0.0
100	QPSK	1	137		13.13			
100	QPSK	1	271		13.07			
100	QPSK	135	0		13.12		14.3	0.0
100	QPSK	135	69		13.13		14.3	0.0
100	QPSK	135	138		13.12		14.3	0.0
100	QPSK	270	0		13.10			
100	16QAM	1	1		13.18		14.3	0.0
100	64QAM	1	1		13.05		14.3	0.0
100	256QAM	1	1		13.20		14.3	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.11	13.20	13.05	14.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.15	13.08	13.21	14.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.09	13.03	13.18	14.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.10	13.02	13.22	14.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.07	13.12	13.16	14.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.18	13.05	13.11	14.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.10	13.10	13.22	14.3	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	13.17	13.16	13.22	14.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.09	13.22	13.12	14.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.13	13.03	13.14	14.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.15	13.19	13.22	14.3	0.0

Part27O n77 Ant5

BW [MHz]	Modulation	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	17.24	17.39	17.38	18.7	0.0
100	PI/2 BPSK	1	137	17.32	17.52	17.30		
100	PI/2 BPSK	1	271	17.35	17.53	17.44		
100	PI/2 BPSK	135	0	17.36	17.39	17.48	18.7	0.0
100	PI/2 BPSK	135	69	17.31	17.35	17.31	18.7	0.0
100	PI/2 BPSK	135	138	17.37	17.54	17.57	18.7	0.0
100	PI/2 BPSK	270	0	17.51	17.49	17.68		
100	QPSK	1	1	17.57	17.75	17.67	18.7	0.0
100	QPSK	1	137	17.37	17.49	17.32		
100	QPSK	1	271	17.42	17.47	17.39		
100	QPSK	135	0	17.43	17.63	17.59	18.7	0.0
100	QPSK	135	69	17.57	17.65	17.63	18.7	0.0
100	QPSK	135	138	17.45	17.41	17.27	18.7	0.0
100	QPSK	270	0	17.43	17.58	17.44		
100	16QAM	1	1	17.13	17.24	17.11	18.7	0.0
100	64QAM	1	1	17.04	17.37	17.09	18.7	0.0
100	256QAM	1	1	17.46	17.71	17.53	18.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.40	17.64	17.55	18.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.48	17.59	17.67	18.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.58	17.72	17.63	18.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.48	17.55	17.60	18.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.52	17.52	17.67	18.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.47	17.65	17.60	18.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.40	17.68	17.69	18.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.48	17.59	17.67	18.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.52	17.73	17.47	18.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.50	17.67	17.50	18.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.36	17.53	17.59	18.7	0.0

Part27O n78 Ant5

BW [MHz]	Modulation	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		18.7	0.0
100	PI/2 BPSK	1	137		17.55			
100	PI/2 BPSK	1	271		17.51			
100	PI/2 BPSK	135	0		17.57		18.7	0.0
100	PI/2 BPSK	135	69		17.55		18.7	0.0
100	PI/2 BPSK	135	138		17.70		18.7	0.0
100	PI/2 BPSK	270	0		17.49			
100	QPSK	1	1		17.73		18.7	0.0
100	QPSK	1	137		17.62			
100	QPSK	1	271		17.70			
100	QPSK	135	0		17.59		18.7	0.0
100	QPSK	135	69		17.71		18.7	0.0
100	QPSK	135	138		17.68		18.7	0.0
100	QPSK	270	0		17.69			
100	16QAM	1	1		17.60		18.7	0.0
100	64QAM	1	1		17.70		18.7	0.0
100	256QAM	1	1		17.59		18.7	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.61	17.60	17.71	18.7	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	17.61	17.62	18.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.52	17.65	17.66	18.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.70	17.69	17.67	18.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.70	17.52	17.66	18.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.69	17.62	17.61	18.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.61	17.71	17.57	18.7	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.63	17.67	17.63	18.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.56	17.51	17.69	18.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.63	17.53	17.68	18.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.67	17.66	17.68	18.7	0.0

Part27O n77 Ant7

BW [MHz]	Modulation	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	19.50	19.32	19.42	20.4	0.0
100	PI/2 BPSK	1	137	19.46	19.38	19.38		
100	PI/2 BPSK	1	271	19.34	19.46	19.47		
100	PI/2 BPSK	135	0	19.31	19.45	19.49	20.4	0.0
100	PI/2 BPSK	135	69	19.44	19.42	19.37	20.4	0.0
100	PI/2 BPSK	135	138	19.27	19.52	19.36	20.4	0.0
100	PI/2 BPSK	270	0	19.39	19.33	19.35		
100	QPSK	1	1	19.50	19.55	19.31	20.4	0.0
100	QPSK	1	137	19.32	19.44	19.42		
100	QPSK	1	271	19.34	19.50	19.49		
100	QPSK	135	0	19.43	19.42	19.37	20.4	0.0
100	QPSK	135	69	19.46	19.52	19.45	20.4	0.0
100	QPSK	135	138	19.26	19.47	19.42	20.4	0.0
100	QPSK	270	0	19.33	19.55	19.40		
100	16QAM	1	1	19.33	19.43	19.30	20.4	0.0
100	64QAM	1	1	19.35	19.43	19.48	20.4	0.0
100	256QAM	1	1	19.42	19.49	19.29	20.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.31	19.51	19.25	20.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.39	19.36	19.31	20.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.46	19.43	19.29	20.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.29	19.39	19.15	20.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.31	19.35	19.27	20.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.42	19.52	19.20	20.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.47	19.48	19.19	20.4	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.49	19.44	19.27	20.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.46	19.43	19.31	20.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.43	19.47	19.15	20.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.36	19.42	19.14	20.4	0.0

Part27O n78 Ant7

BW [MHz]	Modulation	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		19.11		20.4	0.0
100	PI/2 BPSK	1	137		19.22			
100	PI/2 BPSK	1	271		19.25			
100	PI/2 BPSK	135	0		19.24		20.4	0.0
100	PI/2 BPSK	135	69		19.19		20.4	0.0
100	PI/2 BPSK	135	138		19.05		20.4	0.0
100	PI/2 BPSK	270	0		19.11			
100	QPSK	1	1		19.28		20.4	0.0
100	QPSK	1	137		19.10			
100	QPSK	1	271		19.07			
100	QPSK	135	0		19.04		20.4	0.0
100	QPSK	135	69		19.27		20.4	0.0
100	QPSK	135	138		19.08		20.4	0.0
100	QPSK	270	0		19.14			
100	16QAM	1	1		19.07		20.4	0.0
100	64QAM	1	1		19.25		20.4	0.0
100	256QAM	1	1		19.18		20.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.25	19.04	19.15	20.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.19	19.25	19.10	20.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.09	19.17	19.18	20.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.06	19.09	19.16	20.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.18	19.17	19.17	20.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.08	19.22	19.03	20.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.07	19.14	19.23	20.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.06	19.16	19.06	20.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.08	19.22	19.08	20.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.03	19.25	19.07	20.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.18	19.06	19.13	20.4	0.0

Part27O n77 Ant9

BW [MHz]	Modulation	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	19.22	19.21	19.08	20.5	0.0
100	PI/2 BPSK	1	137	18.84	18.88	18.84		
100	PI/2 BPSK	1	271	18.55	18.74	18.63		
100	PI/2 BPSK	135	0	18.92	19.08	18.97	20.5	0.0
100	PI/2 BPSK	135	69	18.75	18.96	18.75	20.5	0.0
100	PI/2 BPSK	135	138	18.91	18.91	18.78	20.5	0.0
100	PI/2 BPSK	270	0	18.93	18.92	18.83		
100	QPSK	1	1	19.20	19.26	19.05	20.5	0.0
100	QPSK	1	137	18.93	18.99	18.77		
100	QPSK	1	271	18.72	18.75	18.68		
100	QPSK	135	0	18.93	18.94	19.05	20.5	0.0
100	QPSK	135	69	18.92	19.14	18.85	20.5	0.0
100	QPSK	135	138	18.89	19.04	18.89	20.5	0.0
100	QPSK	270	0	18.90	19.02	18.91		
100	16QAM	1	1	19.02	19.02	19.01	20.5	0.0
100	64QAM	1	1	18.88	19.09	19.07	20.5	0.0
100	256QAM	1	1	18.16	18.17	18.00	19.5	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.09	19.25	18.95	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	19.17	19.22	19.04	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.20	19.14	18.84	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	19.14	19.17	18.89	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	19.04	19.10	19.04	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.19	19.18	18.95	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	19.09	19.21	18.90	20.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.16	19.25	18.84	20.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.99	19.06	18.99	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	19.18	19.09	18.85	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.03	19.09	18.90	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.18		20.5	0.0
100	PI/2 BPSK	1	137		18.87			
100	PI/2 BPSK	1	271		18.78			
100	PI/2 BPSK	135	0		19.04		20.5	0.0
100	PI/2 BPSK	135	69		18.95		20.5	0.0
100	PI/2 BPSK	135	138		18.87		20.5	0.0
100	PI/2 BPSK	270	0		19.00			
100	QPSK	1	1		19.20		20.5	0.0
100	QPSK	1	137		18.90			
100	QPSK	1	271		18.79			
100	QPSK	135	0		19.00		20.5	0.0
100	QPSK	135	69		19.09		20.5	0.0
100	QPSK	135	138		18.88		20.5	0.0
100	QPSK	270	0		19.05			
100	16QAM	1	1		19.07		20.5	0.0
100	64QAM	1	1		19.06		20.5	0.0
100	256QAM	1	1		18.20		19.5	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.00	18.98	19.10	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	18.95	18.98	19.07	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.85	18.90	19.10	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	19.02	18.78	18.90	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	18.81	18.98	19.01	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.00	18.85	18.97	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	18.95	18.84	18.98	20.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.02	18.94	19.08	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	18.78	18.82	19.01	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	19.02	18.88	19.01	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.95	18.83	18.98	20.5	0.0

Reduced Power Mode for ECI 6

n5 Ant0								
BW [MHz]	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	22.50	22.63	22.51	24.0	0.0
20	PI/2 BPSK	1	53	22.48	22.64	22.58		
20	PI/2 BPSK	1	104	22.43	22.61	22.40		
20	PI/2 BPSK	50	0	22.53	22.71	22.72	24.0	0.0
20	PI/2 BPSK	50	28	22.44	22.65	22.46	24.0	0.0
20	PI/2 BPSK	50	56	22.49	22.62	22.58	24.0	0.0
20	PI/2 BPSK	100	0	22.53	22.69	22.49		
20	QPSK	1	1	22.65	22.72	22.66	24.0	0.0
20	QPSK	1	53	22.42	22.62	22.58		
20	QPSK	1	104	22.39	22.60	22.40		
20	QPSK	50	0	22.46	22.66	22.66	24.0	0.0
20	QPSK	50	28	22.68	22.70	22.69	24.0	0.0
20	QPSK	50	56	22.50	22.64	22.59	24.0	0.0
20	QPSK	100	0	22.47	22.67	22.60		
20	16QAM	1	1	21.73	21.92	21.78	23.0	1.0
20	64QAM	1	1	21.98	22.00	21.96	23.0	1.0
20	256QAM	1	1	21.50	21.60	21.47	23.0	1.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.56	22.70	22.57	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.51	22.58	22.52	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	22.58	22.65	22.67	24.0	0.0

n26 Ant0								
BW [MHz]	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	22.58	22.64	22.53	24.0	0.0
20	PI/2 BPSK	1	53	22.61	22.62	22.41		
20	PI/2 BPSK	1	104	22.32	22.54	22.39		
20	PI/2 BPSK	50	0	22.55	22.65	22.53	24.0	0.0
20	PI/2 BPSK	50	28	22.58	22.72	22.52	24.0	0.0
20	PI/2 BPSK	50	56	22.59	22.69	22.48	24.0	0.0
20	PI/2 BPSK	100	0	22.69	22.72	22.57		
20	QPSK	1	1	22.66	22.75	22.68	24.0	0.0
20	QPSK	1	53	22.40	22.60	22.45		
20	QPSK	1	104	22.33	22.53	22.53		
20	QPSK	50	0	22.63	22.72	22.65	23.0	1.0
20	QPSK	50	28	22.53	22.69	22.62	24.0	0.0
20	QPSK	50	56	22.45	22.65	22.54	23.0	1.0
20	QPSK	100	0	22.66	22.70	22.61		
20	16QAM	1	1	22.25	22.40	22.36	23.0	1.0
20	64QAM	1	1	22.43	22.53	22.45	23.0	1.0
20	256QAM	1	1	21.39	21.59	21.41	23.0	1.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.63	22.55	22.69	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	22.57	22.53	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	22.57	22.71	22.46	24.0	0.0

n2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	21.98	22.13	21.94	23.3	0.0
40	PI/2 BPSK	1	108	22.01	22.10	22.02		
40	PI/2 BPSK	1	214	22.01	22.20	22.12		
40	PI/2 BPSK	108	0	22.15	22.17	22.14	23.3	0.0
40	PI/2 BPSK	108	54	22.08	22.20	21.94	23.3	0.0
40	PI/2 BPSK	108	108	22.15	22.16	22.10	23.3	0.0
40	PI/2 BPSK	216	0	22.15	22.14	22.20		
40	QPSK	1	1	22.13	22.28	22.19	23.3	0.0
40	QPSK	1	108	22.01	22.09	22.06		
40	QPSK	1	214	22.00	22.11	22.14		
40	QPSK	108	0	22.18	22.17	22.14	23.3	0.0
40	QPSK	108	54	22.14	22.21	22.18	23.3	0.0
40	QPSK	108	108	22.07	22.12	22.08	23.3	0.0
40	QPSK	216	0	22.08	22.17	22.11		
40	16QAM	1	1	21.78	21.94	21.98	23.3	0.0
40	64QAM	1	1	22.04	21.95	21.86	23.3	0.0
40	256QAM	1	1	21.80	21.98	21.96	22.8	0.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.01	22.19	22.11	23.3	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	21.97	22.20	22.04	23.3	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.09	22.14	22.05	23.3	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.04	22.24	22.04	23.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.05	22.24	22.08	23.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.00	22.25	22.13	23.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.06	22.16	22.11	23.3	0.0

n7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.06	21.03	20.99	22.1	0.0
50	PI/2 BPSK	1	135	20.95	20.96	20.89		
50	PI/2 BPSK	1	268	20.84	21.01	20.82		
50	PI/2 BPSK	135	0	20.99	21.13	20.91	22.1	0.0
50	PI/2 BPSK	135	68	20.91	20.95	20.93	22.1	0.0
50	PI/2 BPSK	135	135	20.84	20.95	20.80	22.1	0.0
50	PI/2 BPSK	270	0	20.90	20.97	20.85		
50	QPSK	1	1	21.12	21.16	21.08	22.1	0.0
50	QPSK	1	135	20.95	21.07	20.98		
50	QPSK	1	268	20.97	21.14	21.04		
50	QPSK	135	0	20.71	20.76	20.82	22.1	0.0
50	QPSK	135	68	20.96	21.08	20.90	22.1	0.0
50	QPSK	135	135	20.73	20.94	20.72	22.1	0.0
50	QPSK	270	0	20.77	20.82	20.68		
50	16QAM	1	1	20.83	20.97	20.79	22.1	0.0
50	64QAM	1	1	20.74	20.83	20.68	22.1	0.0
50	256QAM	1	1	21.02	21.11	20.95	21.6	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.97	21.03	20.94	22.1	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.97	21.07	21.05	22.1	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.04	21.01	21.04	22.1	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.07	21.04	20.98	22.1	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.07	21.03	20.92	22.1	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.08	21.10	20.96	22.1	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.96	21.11	20.95	22.1	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.01	21.02	20.93	22.1	0.0

n66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	22.55	22.48	22.52	23.8	0.0
45	PI/2 BPSK	1	120	22.44	22.67	22.60		
45	PI/2 BPSK	1	240	22.39	22.59	22.39		
45	PI/2 BPSK	120	0	22.54	22.67	22.60	23.8	0.0
45	PI/2 BPSK	120	60	22.60	22.71	22.53	23.8	0.0
45	PI/2 BPSK	120	120	22.67	22.68	22.50	23.8	0.0
45	PI/2 BPSK	240	0	22.54	22.53	22.47		
45	QPSK	1	1	22.65	22.76	22.61	23.8	0.0
45	QPSK	1	120	22.56	22.67	22.61		
45	QPSK	1	240	22.55	22.60	22.47		
45	QPSK	120	0	22.47	22.66	22.65	23.8	0.0
45	QPSK	120	60	22.66	22.75	22.56	23.8	0.0
45	QPSK	120	120	22.51	22.63	22.53	23.8	0.0
45	QPSK	240	0	22.61	22.75	22.57		
45	16QAM	1	1	22.23	22.27	22.29	23.8	0.0
45	64QAM	1	1	22.09	22.32	22.22	23.8	0.0
45	256QAM	1	1	22.10	22.08	22.09	22.8	1.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.58	22.60	22.53	23.8	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.53	22.64	22.49	23.8	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.60	22.61	22.45	23.8	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.58	22.72	22.50	23.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.57	22.72	22.47	23.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.55	22.68	22.58	23.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.52	22.70	22.52	23.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.57	22.59	22.57	23.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.05	20.21	19.99	21.2	0.0
40	PI/2 BPSK	1	53	19.98	20.02	19.86		
40	PI/2 BPSK	1	104	19.88	19.95	19.80		
40	PI/2 BPSK	50	0	20.06	20.16	20.03	21.2	0.0
40	PI/2 BPSK	50	28	19.87	19.96	19.90	21.2	0.0
40	PI/2 BPSK	50	56	19.73	19.98	19.90	21.2	0.0
40	PI/2 BPSK	100	0	19.90	19.95	19.94		
40	QPSK	1	1	20.13	20.26	20.09	21.2	0.0
40	QPSK	1	53	19.95	20.16	20.15		
40	QPSK	1	104	19.96	20.17	19.90		
40	QPSK	50	0	19.77	19.87	19.85	21.2	0.0
40	QPSK	50	28	19.92	20.18	19.87	21.2	0.0
40	QPSK	50	56	19.92	19.84	19.85	21.2	0.0
40	QPSK	100	0	19.74	19.86	19.76		
40	16QAM	1	1	19.84	19.82	19.88	21.2	0.0
40	64QAM	1	1	19.77	19.90	19.72	21.2	0.0
40	256QAM	1	1	19.91	20.00	19.77	21.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.03	20.11	20.05	21.2	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.05	20.21	20.04	21.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.00	20.10	19.93	21.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.09	20.16	19.99	21.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.00	20.19	20.03	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.12	20.17	20.03	21.2	0.0
100	PI/2 BPSK	1	137	19.95	20.00	19.96		
100	PI/2 BPSK	1	271	19.89	20.03	19.86		
100	PI/2 BPSK	135	0	20.06	20.20	19.97	21.2	0.0
100	PI/2 BPSK	135	69	19.87	20.05	19.97	21.2	0.0
100	PI/2 BPSK	135	138	19.95	20.08	19.88	21.2	0.0
100	PI/2 BPSK	270	0	19.89	20.05	19.98		
100	QPSK	1	1	20.23	20.25	20.19	21.2	0.0
100	QPSK	1	137	20.06	20.14	20.07		
100	QPSK	1	271	20.04	20.21	20.08		
100	QPSK	135	0	19.83	19.92	19.88	21.2	0.0
100	QPSK	135	69	20.03	20.17	20.00	21.2	0.0
100	QPSK	135	138	19.88	19.94	19.89	21.2	0.0
100	QPSK	270	0	19.81	19.94	19.77		
100	16QAM	1	1	19.88	19.94	19.92	21.2	0.0
100	64QAM	1	1	19.87	19.93	19.78	21.2	0.0
100	256QAM	1	1	19.90	20.02	19.83	21.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.17	20.17	20.15	21.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.14	20.17	20.06	21.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.16	20.22	20.13	21.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.14	20.11	20.10	21.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.14	20.14	20.14	21.2	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	20.10	20.16	20.11	21.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.14	20.16	20.16	21.2	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	20.08	20.13	20.06	21.2	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	20.20	20.11	21.2	0.0
Channel				501700	518600	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.5	2593	2677.5		
25	QPSK	1	1	20.11	20.17	20.08	21.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.14	20.21	20.13	21.2	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.12	20.14	20.09	21.2	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	20.09	20.02	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	21.59	21.54	21.41	22.3	0.0
40	PI/2 BPSK	1	108	21.42	21.42	21.37		
40	PI/2 BPSK	1	214	21.31	21.41	21.27		
40	PI/2 BPSK	108	0	21.55	21.61	21.40	22.3	0.0
40	PI/2 BPSK	108	54	21.41	21.50	21.43	22.3	0.0
40	PI/2 BPSK	108	108	21.33	21.41	21.34	22.3	0.0
40	PI/2 BPSK	216	0	21.39	21.46	21.42		
40	QPSK	1	1	21.61	21.63	21.62	22.3	0.0
40	QPSK	1	108	21.50	21.61	21.55		
40	QPSK	1	214	21.47	21.57	21.45		
40	QPSK	108	0	21.22	21.24	21.20	22.3	0.0
40	QPSK	108	54	21.45	21.55	21.51	22.3	0.0
40	QPSK	108	108	21.26	21.39	21.21	22.3	0.0
40	QPSK	216	0	21.19	21.40	21.27		
40	16QAM	1	1	21.35	21.46	21.32	22.3	0.0
40	64QAM	1	1	21.28	21.41	21.18	22.3	0.0
40	256QAM	1	1	21.33	21.34	21.24	22.3	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	21.59	21.60	21.55	22.3	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	21.49	21.49	21.57	22.3	#REF!
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	21.52	21.50	21.49	22.3	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	21.51	21.52	21.54	22.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.46	21.57	21.54	22.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.54	21.52	21.46	22.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.54	21.54	21.54	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.61	22.71	22.70	24.0	0.0
20	PI/2 BPSK	1	53	22.79	22.82	22.80		
20	PI/2 BPSK	1	104	22.58	22.77	22.58		
20	PI/2 BPSK	50	0	22.83	22.85	22.67	24.0	0.0
20	PI/2 BPSK	50	28	22.77	22.80	22.62	24.0	0.0
20	PI/2 BPSK	50	56	22.76	22.86	22.83	24.0	0.0
20	PI/2 BPSK	100	0	22.87	22.87	22.72		
20	QPSK	1	1	22.74	22.89	22.82	24.0	0.0
20	QPSK	1	53	22.69	22.84	22.82		
20	QPSK	1	104	22.79	22.80	22.78		
20	QPSK	50	0	22.65	22.86	22.82	24.0	0.0
20	QPSK	50	28	22.82	22.88	22.74	24.0	0.0
20	QPSK	50	56	22.70	22.83	22.82	24.0	0.0
20	QPSK	100	0	22.69	22.85	22.65		
20	16QAM	1	1	22.32	22.48	22.39	24.0	0.0
20	64QAM	1	1	22.37	22.58	22.37	24.0	0.0
20	256QAM	1	1	21.52	21.64	21.54	23.0	1.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.57	22.70	22.67	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.58	22.86	22.74	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	22.63	22.79	22.65	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.03	21.07	20.97	22.0	0.0
50	PI/2 BPSK	1	135	20.91	20.93	20.88		
50	PI/2 BPSK	1	268	20.80	20.94	20.77		
50	PI/2 BPSK	135	0	20.96	21.05	20.84	22.0	0.0
50	PI/2 BPSK	135	68	20.86	20.95	20.84	22.0	0.0
50	PI/2 BPSK	135	135	20.80	20.94	20.78	22.0	0.0
50	PI/2 BPSK	270	0	20.85	20.92	20.89		
50	QPSK	1	1	21.07	21.13	21.07	22.0	0.0
50	QPSK	1	135	20.88	21.10	21.02		
50	QPSK	1	268	20.90	21.06	21.01		
50	QPSK	135	0	20.75	20.83	20.68	22.0	0.0
50	QPSK	135	68	20.92	21.02	20.87	22.0	0.0
50	QPSK	135	135	20.75	20.77	20.55	22.0	0.0
50	QPSK	270	0	20.69	20.85	20.71		
50	16QAM	1	1	20.76	20.87	20.81	22.0	0.0
50	64QAM	1	1	20.81	20.84	20.72	22.0	0.0
50	256QAM	1	1	20.77	20.90	20.72	22.0	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.97	20.99	20.99	22.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	21.03	20.99	20.98	22.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.02	21.06	20.91	22.0	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	21.00	20.98	22.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.93	20.99	20.92	22.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.93	21.01	20.94	22.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.02	20.99	20.93	22.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.97	21.08	21.01	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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.75	22.75	22.64	24.0	0.0
20	PI/2 BPSK	1	53	22.69	22.89	22.70		
20	PI/2 BPSK	1	104	22.71	22.78	22.69		
20	PI/2 BPSK	50	0	22.74	22.91	22.80	24.0	0.0
20	PI/2 BPSK	50	28	22.80	22.92	22.82	24.0	0.0
20	PI/2 BPSK	50	56	22.79	22.81	22.69	24.0	0.0
20	PI/2 BPSK	100	0	22.70	22.89	22.87		
20	QPSK	1	1	22.91	22.93	22.71	24.0	0.0
20	QPSK	1	53	22.72	22.89	22.89		
20	QPSK	1	104	22.73	22.79	22.59		
20	QPSK	50	0	22.80	22.89	22.77	24.0	0.0
20	QPSK	50	28	22.78	22.91	22.69	24.0	0.0
20	QPSK	50	56	22.73	22.81	22.62	24.0	0.0
20	QPSK	100	0	22.79	22.90	22.72		
20	16QAM	1	1	22.41	22.53	22.53	24.0	0.0
20	64QAM	1	1	22.55	22.62	22.46	24.0	0.0
20	256QAM	1	1	21.61	21.68	21.56	22.5	1.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.89	22.85	22.55	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.78	22.82	22.59	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	22.81	22.73	22.69	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	21.53	21.54	21.38	22.3	0.0
45	PI/2 BPSK	1	120	21.32	21.43	21.25		
45	PI/2 BPSK	1	240	21.31	21.42	21.26		
45	PI/2 BPSK	120	0	21.52	21.50	21.35	22.3	0.0
45	PI/2 BPSK	120	60	21.28	21.38	21.33	22.3	0.0
45	PI/2 BPSK	120	120	21.23	21.36	21.24	22.3	0.0
45	PI/2 BPSK	240	0	21.35	21.41	21.32		
45	QPSK	1	1	21.52	21.61	21.53	22.3	0.0
45	QPSK	1	120	21.35	21.52	21.45		
45	QPSK	1	240	21.45	21.58	21.48		
45	QPSK	120	0	21.20	21.19	21.24	22.3	0.0
45	QPSK	120	60	21.40	21.55	21.38	22.3	0.0
45	QPSK	120	120	21.14	21.19	21.01	22.3	0.0
45	QPSK	240	0	21.20	21.25	21.11		
45	16QAM	1	1	21.22	21.37	21.26	22.3	0.0
45	64QAM	1	1	21.21	21.29	21.12	22.3	0.0
45	256QAM	1	1	21.30	21.34	21.24	22.3	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.48	21.55	21.38	22.3	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.38	21.44	21.47	22.3	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.40	21.48	21.43	22.3	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.38	21.47	21.42	22.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.39	21.45	21.40	22.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.48	21.50	21.41	22.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.41	21.47	21.43	22.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.46	21.55	21.39	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.58	19.66	19.48	20.8	0.0
40	PI/2 BPSK	1	53	19.48	19.49	19.48		
40	PI/2 BPSK	1	104	19.42	19.50	19.32		
40	PI/2 BPSK	50	0	19.60	19.63	19.48	20.8	0.0
40	PI/2 BPSK	50	28	19.38	19.52	19.47	20.8	0.0
40	PI/2 BPSK	50	56	19.40	19.53	19.41	20.8	0.0
40	PI/2 BPSK	100	0	19.38	19.48	19.44		
40	QPSK	1	1	19.66	19.74	19.71	20.8	0.0
40	QPSK	1	53	19.49	19.63	19.53		
40	QPSK	1	104	19.52	19.71	19.53		
40	QPSK	50	0	19.23	19.37	19.30	20.8	0.0
40	QPSK	50	28	19.48	19.68	19.52	20.8	0.0
40	QPSK	50	56	19.31	19.25	19.19	20.8	0.0
40	QPSK	100	0	19.31	19.36	19.24		
40	16QAM	1	1	19.38	19.54	19.35	20.8	0.0
40	64QAM	1	1	19.32	19.38	19.30	20.8	0.0
40	256QAM	1	1	19.40	19.48	19.32	20.8	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.54	19.59	19.60	20.8	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.50	19.58	19.56	20.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.53	19.63	19.61	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	19.57	19.64	19.64	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	19.55	19.65	19.59	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	19.66	19.67	19.51	20.8	0.0
100	PI/2 BPSK	1	137	19.50	19.56	19.41		
100	PI/2 BPSK	1	271	19.43	19.53	19.34		
100	PI/2 BPSK	135	0	19.59	19.73	19.52	20.8	0.0
100	PI/2 BPSK	135	69	19.40	19.57	19.49	20.8	0.0
100	PI/2 BPSK	135	138	19.36	19.54	19.45	20.8	0.0
100	PI/2 BPSK	270	0	19.52	19.52	19.52		
100	QPSK	1	1	19.70	19.76	19.67	20.8	0.0
100	QPSK	1	137	19.52	19.69	19.58		
100	QPSK	1	271	19.54	19.66	19.62		
100	QPSK	135	0	19.32	19.37	19.36	20.8	0.0
100	QPSK	135	69	19.53	19.67	19.51	20.8	0.0
100	QPSK	135	138	19.34	19.36	19.21	20.8	0.0
100	QPSK	270	0	19.25	19.48	19.34		
100	16QAM	1	1	19.43	19.49	19.33	20.8	0.0
100	64QAM	1	1	19.37	19.50	19.28	20.8	0.0
100	256QAM	1	1	19.45	19.54	19.41	20.8	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.56	19.60	19.58	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	19.57	19.71	19.61	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	19.56	19.68	19.58	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	19.62	19.67	19.55	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	19.59	19.61	19.61	20.8	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	19.61	19.70	19.54	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	19.59	19.71	19.54	20.8	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	19.56	19.70	19.57	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	19.59	19.61	19.57	20.8	0.0
Channel				501700	518600	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.5	2593	2677.5		
25	QPSK	1	1	19.55	19.60	19.47	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	19.55	19.63	19.56	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	19.62	19.63	19.59	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	19.56	19.72	19.57	20.8	0.0

Part27O n77 Ant3

BW [MHz]	Modulation	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	18.52	18.59	18.61	19.5	0.0
100	PI/2 BPSK	1	137	18.09	18.20	18.10		
100	PI/2 BPSK	1	271	17.62	17.78	17.73		
100	PI/2 BPSK	135	0	18.26	18.46	18.31	19.5	0.0
100	PI/2 BPSK	135	69	18.06	18.25	18.10	19.5	0.0
100	PI/2 BPSK	135	138	18.02	18.06	17.97	19.5	0.0
100	PI/2 BPSK	270	0	18.16	18.29	18.14		
100	QPSK	1	1	18.57	18.69	18.61	19.5	0.0
100	QPSK	1	137	18.02	18.22	18.14		
100	QPSK	1	271	17.79	17.79	17.75		
100	QPSK	135	0	18.40	18.45	18.44	19.5	0.0
100	QPSK	135	69	18.18	18.49	18.11	19.5	0.0
100	QPSK	135	138	18.01	18.11	17.98	19.5	0.0
100	QPSK	270	0	18.17	18.32	18.28		
100	16QAM	1	1	18.24	18.38	18.26	19.5	0.0
100	64QAM	1	1	18.35	18.36	18.17	19.5	0.0
100	256QAM	1	1	17.27	17.49	17.47	18.5	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.50	18.65	18.57	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	18.53	18.55	18.63	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.55	18.65	18.58	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	18.55	18.55	18.63	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	18.51	18.58	18.42	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.40	18.63	18.60	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	18.54	18.56	18.52	19.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.43	18.50	18.40	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	18.38	18.58	18.48	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	18.41	18.63	18.40	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.36	18.51	18.40	19.5	0.0

Part27O n78 Ant3

BW [MHz]	Modulation	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		18.50		19.5	0.0
100	PI/2 BPSK	1	137		18.20			
100	PI/2 BPSK	1	271		17.83			
100	PI/2 BPSK	135	0		18.43		19.5	0.0
100	PI/2 BPSK	135	69		18.24		19.5	0.0
100	PI/2 BPSK	135	138		18.09		19.5	0.0
100	PI/2 BPSK	270	0		18.29			
100	QPSK	1	1		18.64		19.5	0.0
100	QPSK	1	137		18.25			
100	QPSK	1	271		17.85			
100	QPSK	135	0		18.29		19.5	0.0
100	QPSK	135	69		18.49		19.5	0.0
100	QPSK	135	138		18.11		19.5	0.0
100	QPSK	270	0		18.31			
100	16QAM	1	1		18.40		19.5	0.0
100	64QAM	1	1		18.41		19.5	0.0
100	256QAM	1	1		17.48		18.5	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.42	18.55	18.44	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	18.36	18.44	18.41	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.42	18.41	18.39	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	18.20	18.37	18.40	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	18.23	18.33	18.31	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.43	18.56	18.40	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	18.41	18.40	18.40	19.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.32	18.48	18.35	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	18.36	18.50	18.29	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	18.31	18.40	18.26	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.29	18.40	18.44	19.5	0.0

Part27O n77 Ant5

BW [MHz]	Modulation	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	19.14	19.15	19.01	20.3	0.0
100	PI/2 BPSK	1	137	18.97	18.97	18.95		
100	PI/2 BPSK	1	271	18.94	18.99	18.87		
100	PI/2 BPSK	135	0	19.13	19.20	18.87	20.3	0.0
100	PI/2 BPSK	135	69	18.95	18.99	18.94	20.3	0.0
100	PI/2 BPSK	135	138	18.89	19.07	18.86	20.3	0.0
100	PI/2 BPSK	270	0	18.93	18.97	18.88		
100	QPSK	1	1	19.13	19.25	19.19	20.3	0.0
100	QPSK	1	137	18.94	19.10	19.03		
100	QPSK	1	271	18.98	19.15	18.98		
100	QPSK	135	0	18.80	18.80	18.79	20.3	0.0
100	QPSK	135	69	18.99	19.15	19.03	20.3	0.0
100	QPSK	135	138	18.73	18.76	18.70	20.3	0.0
100	QPSK	270	0	18.74	18.85	18.71		
100	16QAM	1	1	18.87	18.95	18.83	20.3	0.0
100	64QAM	1	1	18.78	18.96	18.82	20.3	0.0
100	256QAM	1	1	18.92	18.97	18.84	20.3	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.04	19.11	19.07	20.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.02	19.10	19.14	20.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.02	19.18	19.10	20.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.00	19.16	19.11	20.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.02	19.20	19.06	20.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.07	19.17	19.05	20.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.02	19.17	19.05	20.3	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.08	19.11	19.07	20.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.03	19.16	19.14	20.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.06	19.13	19.12	20.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.98	19.09	19.05	20.3	0.0

Part27O n78 Ant5

BW [MHz]	Modulation	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		19.04		20.3	0.0
100	PI/2 BPSK	1	137		18.94			
100	PI/2 BPSK	1	271		18.97			
100	PI/2 BPSK	135	0		19.14		20.3	0.0
100	PI/2 BPSK	135	69		18.94		20.3	0.0
100	PI/2 BPSK	135	138		18.94		20.3	0.0
100	PI/2 BPSK	270	0		18.92			
100	QPSK	1	1		19.18		20.3	0.0
100	QPSK	1	137		19.12			
100	QPSK	1	271		19.08			
100	QPSK	135	0		18.84		20.3	0.0
100	QPSK	135	69		19.12		20.3	0.0
100	QPSK	135	138		18.72		20.3	0.0
100	QPSK	270	0		18.89			
100	16QAM	1	1		18.98		20.3	0.0
100	64QAM	1	1		18.93		20.3	0.0
100	256QAM	1	1		18.92		20.3	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.08	19.03	19.09	20.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.08	19.13	19.11	20.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.07	19.03	19.11	20.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.14	19.14	19.08	20.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.03	19.02	19.05	20.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.02	19.12	19.09	20.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.02	19.05	19.12	20.3	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.06	19.10	19.08	20.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.03	19.10	19.06	20.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.04	19.12	19.12	20.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.10	19.12	19.05	20.3	0.0

Part27O n77 Ant7

BW [MHz]	Modulation	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	21.89	21.96	21.85	23.2	0.0
100	PI/2 BPSK	1	137	21.73	21.81	21.73		
100	PI/2 BPSK	1	271	21.79	21.82	21.70		
100	PI/2 BPSK	135	0	21.93	21.92	21.69	23.2	0.0
100	PI/2 BPSK	135	69	21.77	21.77	21.72	23.2	0.0
100	PI/2 BPSK	135	138	21.69	21.85	21.68	23.2	0.0
100	PI/2 BPSK	270	0	21.77	21.79	21.78		
100	QPSK	1	1	21.97	22.03	21.97	23.2	0.0
100	QPSK	1	137	21.77	21.95	21.93		
100	QPSK	1	271	21.77	21.93	21.90		
100	QPSK	135	0	21.59	21.62	21.66	23.2	0.0
100	QPSK	135	69	21.85	21.90	21.84	23.2	0.0
100	QPSK	135	138	21.60	21.65	21.47	23.2	0.0
100	QPSK	270	0	21.55	21.69	21.55		
100	16QAM	1	1	21.65	21.83	21.66	23.2	0.0
100	64QAM	1	1	21.61	21.78	21.56	23.2	0.0
100	256QAM	1	1	21.74	21.81	21.62	23.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.92	21.95	21.89	23.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.91	21.97	21.87	23.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.85	21.91	21.91	23.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.90	21.96	21.87	23.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.85	21.92	21.86	23.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.86	21.90	21.91	23.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.86	21.94	21.86	23.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.84	21.89	21.81	23.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.84	21.93	21.86	23.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.83	21.90	21.91	23.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.85	21.87	21.83	23.2	0.0

Part27O n78 Ant7

BW [MHz]	Modulation	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		21.71		23.2	0.0
100	PI/2 BPSK	1	137		21.54			
100	PI/2 BPSK	1	271		21.59			
100	PI/2 BPSK	135	0		21.67		23.2	0.0
100	PI/2 BPSK	135	69		21.51		23.2	0.0
100	PI/2 BPSK	135	138		21.56		23.2	0.0
100	PI/2 BPSK	270	0		21.49			
100	QPSK	1	1		21.74		23.2	0.0
100	QPSK	1	137		21.67			
100	QPSK	1	271		21.70			
100	QPSK	135	0		21.34		23.2	0.0
100	QPSK	135	69		21.62		23.2	0.0
100	QPSK	135	138		21.29		23.2	0.0
100	QPSK	270	0		21.38			
100	16QAM	1	1		21.54		23.2	0.0
100	64QAM	1	1		21.40		23.2	0.0
100	256QAM	1	1		21.47		22.2	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.65	21.64	21.61	23.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.62	21.61	21.60	23.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.61	21.67	21.65	23.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.69	21.67	21.68	23.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.66	21.68	21.67	23.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.66	21.65	21.69	23.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.63	21.63	21.61	23.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.65	21.61	21.67	23.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.65	21.59	21.67	23.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.65	21.65	21.63	23.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.66	21.61	21.67	23.2	0.0

Part27O n77 Ant9

BW [MHz]	Modulation	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	19.22	19.21	19.08	20.5	0.0
100	PI/2 BPSK	1	137	18.84	18.88	18.84		
100	PI/2 BPSK	1	271	18.55	18.74	18.63		
100	PI/2 BPSK	135	0	18.92	19.08	18.97	20.5	0.0
100	PI/2 BPSK	135	69	18.75	18.96	18.75	20.5	0.0
100	PI/2 BPSK	135	138	18.91	18.91	18.78	20.5	0.0
100	PI/2 BPSK	270	0	18.93	18.92	18.83		
100	QPSK	1	1	19.20	19.26	19.05	20.5	0.0
100	QPSK	1	137	18.93	18.99	18.77		
100	QPSK	1	271	18.72	18.75	18.68		
100	QPSK	135	0	18.93	18.94	19.05	20.5	0.0
100	QPSK	135	69	18.92	19.14	18.85	20.5	0.0
100	QPSK	135	138	18.89	19.04	18.89	20.5	0.0
100	QPSK	270	0	18.90	19.02	18.91		
100	16QAM	1	1	19.02	19.02	19.01	20.5	0.0
100	64QAM	1	1	18.88	19.09	19.07	20.5	0.0
100	256QAM	1	1	18.16	18.17	18.00	19.5	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.09	19.25	18.95	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	19.17	19.22	19.04	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.20	19.14	18.84	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	19.14	19.17	18.89	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	19.04	19.10	19.04	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.19	19.18	18.95	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	19.09	19.21	18.90	20.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.16	19.25	18.84	20.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.99	19.06	18.99	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	19.18	19.09	18.85	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.03	19.09	18.90	20.5	0.0

Part27O n78 Ant9

BW [MHz]	Modulation	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		19.18		20.5	0.0
100	PI/2 BPSK	1	137		18.87			
100	PI/2 BPSK	1	271		18.78			
100	PI/2 BPSK	135	0		19.04		20.5	0.0
100	PI/2 BPSK	135	69		18.95		20.5	0.0
100	PI/2 BPSK	135	138		18.87		20.5	0.0
100	PI/2 BPSK	270	0		19.00			
100	QPSK	1	1		19.20		20.5	0.0
100	QPSK	1	137		18.90			
100	QPSK	1	271		18.79			
100	QPSK	135	0		19.00		20.5	0.0
100	QPSK	135	69		19.09		20.5	0.0
100	QPSK	135	138		18.88		20.5	0.0
100	QPSK	270	0		19.05			
100	16QAM	1	1		19.07		20.5	0.0
100	64QAM	1	1		19.06		20.5	0.0
100	256QAM	1	1		18.20		19.5	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.00	18.98	19.10	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	18.95	18.98	19.07	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.85	18.90	19.10	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	19.02	18.78	18.90	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	18.81	18.98	19.01	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.00	18.85	18.97	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	18.95	18.84	18.98	20.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.02	18.94	19.08	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	18.78	18.82	19.01	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	19.02	18.88	19.01	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.95	18.83	18.98	20.5	0.0

Reduced Power Mode for ECI 7

n5 Ant0

BW [MHz]	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	22.50	22.63	22.51	24.0	0.0
20	PI/2 BPSK	1	53	22.48	22.64	22.58		
20	PI/2 BPSK	1	104	22.43	22.61	22.40		
20	PI/2 BPSK	50	0	22.53	22.71	22.72	24.0	0.0
20	PI/2 BPSK	50	28	22.44	22.65	22.46	24.0	0.0
20	PI/2 BPSK	50	56	22.49	22.62	22.58	24.0	0.0
20	PI/2 BPSK	100	0	22.53	22.69	22.49		
20	QPSK	1	1	22.65	22.72	22.66	24.0	0.0
20	QPSK	1	53	22.42	22.62	22.58		
20	QPSK	1	104	22.39	22.60	22.40		
20	QPSK	50	0	22.46	22.66	22.66	24.0	0.0
20	QPSK	50	28	22.68	22.70	22.69	24.0	0.0
20	QPSK	50	56	22.50	22.64	22.59	24.0	0.0
20	QPSK	100	0	22.47	22.67	22.60		
20	16QAM	1	1	21.73	21.92	21.78	23.0	1.0
20	64QAM	1	1	21.98	22.00	21.96	23.0	1.0
20	256QAM	1	1	21.50	21.60	21.47	23.0	1.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.56	22.70	22.57	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.51	22.58	22.52	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	22.58	22.65	22.67	24.0	0.0

n26 Ant0

BW [MHz]	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	22.58	22.64	22.53	23.5	0.0
20	PI/2 BPSK	1	53	22.61	22.62	22.41		
20	PI/2 BPSK	1	104	22.32	22.54	22.39		
20	PI/2 BPSK	50	0	22.55	22.65	22.53	23.5	0.0
20	PI/2 BPSK	50	28	22.58	22.72	22.52	23.5	0.0
20	PI/2 BPSK	50	56	22.59	22.69	22.48	23.5	0.0
20	PI/2 BPSK	100	0	22.69	22.72	22.57		
20	QPSK	1	1	22.66	22.75	22.68	23.5	0.0
20	QPSK	1	53	22.40	22.60	22.45		
20	QPSK	1	104	22.33	22.53	22.53		
20	QPSK	50	0	22.63	22.72	22.65	23.0	0.5
20	QPSK	50	28	22.53	22.69	22.62	23.5	0.0
20	QPSK	50	56	22.45	22.65	22.54	23.0	0.5
20	QPSK	100	0	22.66	22.70	22.61		
20	16QAM	1	1	22.25	22.40	22.36	23.0	0.5
20	64QAM	1	1	22.43	22.53	22.45	23.0	0.5
20	256QAM	1	1	21.39	21.59	21.41	23.0	0.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.63	22.55	22.69	23.5	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.51	22.57	22.53	23.5	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.57	22.71	22.46	23.5	0.0

n2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	20.24	20.35	20.06	21.3	0.0
40	PI/2 BPSK	1	108	20.28	20.38	20.18		
40	PI/2 BPSK	1	214	20.25	20.33	20.27		
40	PI/2 BPSK	108	0	20.38	20.32	20.23	21.3	0.0
40	PI/2 BPSK	108	54	20.24	20.29	20.20	21.3	0.0
40	PI/2 BPSK	108	108	20.24	20.42	20.41	21.3	0.0
40	PI/2 BPSK	216	0	20.43	20.39	20.38		
40	QPSK	1	1	20.36	20.52	20.44	21.3	0.0
40	QPSK	1	108	20.09	20.35	20.15		
40	QPSK	1	214	20.21	20.42	20.33		
40	QPSK	108	0	20.29	20.30	20.41	21.3	0.0
40	QPSK	108	54	20.35	20.46	20.28	21.3	0.0
40	QPSK	108	108	20.31	20.28	20.17	21.3	0.0
40	QPSK	216	0	20.22	20.42	20.40		
40	16QAM	1	1	20.04	20.18	20.16	21.3	0.0
40	64QAM	1	1	20.23	20.12	19.93	21.3	0.0
40	256QAM	1	1	20.27	20.36	20.30	21.3	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
35	QPSK	1	1	20.23	20.35	20.23	21.3	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	20.34	20.32	20.14	21.3	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	20.21	20.30	20.14	21.3	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	20.24	20.40	20.14	21.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.34	20.31	20.20	21.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.20	20.42	20.11	21.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.23	20.33	20.19	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.03	19.09	18.90	20.2	0.0
50	PI/2 BPSK	1	135	18.96	19.05	18.98		
50	PI/2 BPSK	1	268	19.03	19.03	18.90		
50	PI/2 BPSK	135	0	18.96	19.08	18.91	20.2	0.0
50	PI/2 BPSK	135	68	19.06	19.10	18.92	20.2	0.0
50	PI/2 BPSK	135	135	18.98	19.08	18.95	20.2	0.0
50	PI/2 BPSK	270	0	19.03	19.10	18.96		
50	QPSK	1	1	18.98	19.20	18.99	20.2	0.0
50	QPSK	1	135	19.02	19.10	18.91		
50	QPSK	1	268	18.98	19.04	18.93		
50	QPSK	135	0	19.01	19.09	18.90	20.2	0.0
50	QPSK	135	68	19.00	19.10	18.92	20.2	0.0
50	QPSK	135	135	19.04	19.09	18.91	20.2	0.0
50	QPSK	270	0	18.98	19.04	18.91		
50	16QAM	1	1	18.99	19.04	18.92	20.2	0.0
50	64QAM	1	1	18.97	19.10	18.98	20.2	0.0
50	256QAM	1	1	18.98	19.09	18.91	20.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.83	19.09	18.93	20.2	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	18.82	19.13	18.87	20.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.94	19.11	18.87	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	18.83	19.07	18.92	20.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.84	19.05	18.96	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	18.90	19.06	18.94	20.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.87	19.06	18.89	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	18.93	19.04	18.88	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	18.68	18.82	18.63	19.9	0.0
45	PI/2 BPSK	1	120	18.74	18.79	18.65		
45	PI/2 BPSK	1	240	18.71	18.87	18.65		
45	PI/2 BPSK	120	0	18.64	18.78	18.65	19.9	0.0
45	PI/2 BPSK	120	60	18.70	18.80	18.67	19.9	0.0
45	PI/2 BPSK	120	120	18.72	18.85	18.57	19.9	0.0
45	PI/2 BPSK	240	0	18.65	18.85	18.64		
45	QPSK	1	1	18.67	18.90	18.60	19.9	0.0
45	QPSK	1	120	18.65	18.83	18.65		
45	QPSK	1	240	18.73	18.82	18.61		
45	QPSK	120	0	18.71	18.76	18.63	19.9	0.0
45	QPSK	120	60	18.71	18.85	18.58	19.9	0.0
45	QPSK	120	120	18.73	18.84	18.57	19.9	0.0
45	QPSK	240	0	18.73	18.80	18.68		
45	16QAM	1	1	18.65	18.82	18.59	19.9	0.0
45	64QAM	1	1	18.75	18.82	18.58	19.9	0.0
45	256QAM	1	1	18.70	18.81	18.63	19.9	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	18.53	18.75	18.45	19.9	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.63	18.80	18.52	19.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.63	18.86	18.49	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	18.57	18.85	18.54	19.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.56	18.80	18.44	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	18.53	18.76	18.45	19.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.62	18.82	18.46	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	18.64	18.85	18.44	19.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.95	18.15	18.04	19.3	0.0
40	PI/2 BPSK	1	53	17.96	18.08	18.09		
40	PI/2 BPSK	1	104	17.98	18.08	18.11		
40	PI/2 BPSK	50	0	17.98	18.06	18.07	19.3	0.0
40	PI/2 BPSK	50	28	18.01	18.14	18.11	19.3	0.0
40	PI/2 BPSK	50	56	17.94	18.15	18.07	19.3	0.0
40	PI/2 BPSK	100	0	17.97	18.14	18.04		
40	QPSK	1	1	17.99	18.16	18.13	19.3	0.0
40	QPSK	1	53	18.01	18.11	18.06		
40	QPSK	1	104	18.01	18.10	18.10		
40	QPSK	50	0	18.00	18.00	18.06	19.3	0.0
40	QPSK	50	28	18.00	18.14	18.07	19.3	0.0
40	QPSK	50	56	17.95	18.12	18.09	19.3	0.0
40	QPSK	100	0	18.01	18.12	18.11		
40	16QAM	1	1	18.05	18.07	18.08	19.3	0.0
40	64QAM	1	1	18.01	18.12	18.06	19.3	0.0
40	256QAM	1	1	18.00	18.09	18.04	19.3	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.88	18.12	17.97	19.3	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	17.85	18.04	18.00	19.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.94	18.05	18.04	19.3	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.93	18.10	18.02	19.3	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.92	18.13	18.10	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.14	18.10	18.11	19.3	0.0
100	PI/2 BPSK	1	137	18.09	18.12	18.04		
100	PI/2 BPSK	1	271	18.08	18.12	18.03		
100	PI/2 BPSK	135	0	18.10	18.21	18.11	19.3	0.0
100	PI/2 BPSK	135	69	18.15	18.14	18.07	19.3	0.0
100	PI/2 BPSK	135	138	18.06	18.21	18.06	19.3	0.0
100	PI/2 BPSK	270	0	18.06	18.13	18.14		
100	QPSK	1	1	18.08	18.25	18.13	19.3	0.0
100	QPSK	1	137	18.05	18.12	18.07		
100	QPSK	1	271	18.11	18.14	18.04		
100	QPSK	135	0	18.05	18.15	18.13	19.3	0.0
100	QPSK	135	69	18.05	18.17	18.13	19.3	0.0
100	QPSK	135	138	18.12	18.10	18.07	19.3	0.0
100	QPSK	270	0	18.13	18.15	18.06		
100	16QAM	1	1	18.10	18.10	18.02	19.3	0.0
100	64QAM	1	1	18.05	18.10	18.11	19.3	0.0
100	256QAM	1	1	18.06	18.20	18.04	19.3	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.95	18.17	18.01	19.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.03	18.09	18.00	19.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.95	18.11	18.04	19.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.96	18.12	18.06	19.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.94	18.20	18.02	19.3	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	17.93	18.10	17.99	19.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.02	18.09	18.07	19.3	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	17.92	18.18	18.03	19.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.01	18.12	18.04	19.3	0.0
Channel				501700	518600	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.5	2593	2677.5		
25	QPSK	1	1	18.03	18.10	18.08	19.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.00	18.10	17.97	19.3	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.03	18.18	18.08	19.3	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.04	18.13	17.99	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	16.45	16.55	16.44	17.9	0.0
40	PI/2 BPSK	1	108	16.48	16.55	16.48		
40	PI/2 BPSK	1	214	16.41	16.54	16.45		
40	PI/2 BPSK	108	0	16.45	16.62	16.49	17.9	0.0
40	PI/2 BPSK	108	54	16.40	16.60	16.52	17.9	0.0
40	PI/2 BPSK	108	108	16.41	16.53	16.51	17.9	0.0
40	PI/2 BPSK	216	0	16.43	16.60	16.50		
40	QPSK	1	1	16.45	16.70	16.51	17.9	0.0
40	QPSK	1	108	16.47	16.53	16.48		
40	QPSK	1	214	16.49	16.61	16.45		
40	QPSK	108	0	16.44	16.53	16.44	17.9	0.0
40	QPSK	108	54	16.43	16.63	16.47	17.9	0.0
40	QPSK	108	108	16.45	16.56	16.53	17.9	0.0
40	QPSK	216	0	16.43	16.60	16.49		
40	16QAM	1	1	16.47	16.51	16.51	17.9	0.0
40	64QAM	1	1	16.39	16.53	16.44	17.9	0.0
40	256QAM	1	1	16.41	16.57	16.49	17.9	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	16.38	16.57	16.39	17.9	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	16.43	16.59	16.54	17.9	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	16.41	16.61	16.45	17.9	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	16.49	16.56	16.47	17.9	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.46	16.51	16.44	17.9	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.48	16.55	16.43	17.9	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.47	16.53	16.49	17.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.61	22.71	22.70	24.0	0.0
20	PI/2 BPSK	1	53	22.79	22.82	22.80		
20	PI/2 BPSK	1	104	22.58	22.77	22.58		
20	PI/2 BPSK	50	0	22.83	22.85	22.67	24.0	0.0
20	PI/2 BPSK	50	28	22.77	22.80	22.62	24.0	0.0
20	PI/2 BPSK	50	56	22.76	22.86	22.83	24.0	0.0
20	PI/2 BPSK	100	0	22.87	22.87	22.72		
20	QPSK	1	1	22.74	22.89	22.82	24.0	0.0
20	QPSK	1	53	22.69	22.84	22.82		
20	QPSK	1	104	22.79	22.80	22.78		
20	QPSK	50	0	22.65	22.86	22.82	24.0	0.0
20	QPSK	50	28	22.82	22.88	22.74	24.0	0.0
20	QPSK	50	56	22.70	22.83	22.82	24.0	0.0
20	QPSK	100	0	22.69	22.85	22.65		
20	16QAM	1	1	22.32	22.48	22.39	24.0	0.0
20	64QAM	1	1	22.37	22.58	22.37	24.0	0.0
20	256QAM	1	1	21.52	21.64	21.54	23.0	1.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.57	22.70	22.67	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.58	22.86	22.74	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	22.63	22.79	22.65	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.94	18.00	17.82	19.3	0.0
50	PI/2 BPSK	1	135	17.92	18.04	17.83		
50	PI/2 BPSK	1	268	17.96	18.03	17.86		
50	PI/2 BPSK	135	0	17.92	18.05	17.83	19.3	0.0
50	PI/2 BPSK	135	68	17.93	18.01	17.86	19.3	0.0
50	PI/2 BPSK	135	135	17.96	18.10	17.90	19.3	0.0
50	PI/2 BPSK	270	0	17.97	18.07	17.84		
50	QPSK	1	1	17.98	18.15	17.80	19.3	0.0
50	QPSK	1	135	17.97	18.06	17.85		
50	QPSK	1	268	17.93	18.07	17.83		
50	QPSK	135	0	17.94	18.03	17.83	19.3	0.0
50	QPSK	135	68	17.96	18.07	17.91	19.3	0.0
50	QPSK	135	135	17.89	18.02	17.90	19.3	0.0
50	QPSK	270	0	17.96	18.02	17.90		
50	16QAM	1	1	18.01	18.00	17.81	19.3	0.0
50	64QAM	1	1	17.91	18.01	17.87	19.3	0.0
50	256QAM	1	1	17.94	18.11	17.85	19.3	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.93	18.01	17.79	19.3	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	17.82	18.07	17.67	19.3	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.97	18.01	17.85	19.3	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.91	18.00	17.79	19.3	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.97	18.06	17.83	19.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.94	18.00	17.90	19.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.95	18.10	17.91	19.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.95	18.10	17.80	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	20.80	20.73	20.63	22.0	0.0
20	PI/2 BPSK	1	53	20.65	20.86	20.68		
20	PI/2 BPSK	1	104	20.72	20.77	20.69		
20	PI/2 BPSK	50	0	20.78	20.94	20.75	22.0	0.0
20	PI/2 BPSK	50	28	20.85	20.91	20.82	22.0	0.0
20	PI/2 BPSK	50	56	20.73	20.79	20.73	22.0	0.0
20	PI/2 BPSK	100	0	20.67	20.85	20.84		
20	QPSK	1	1	20.87	20.96	20.75	22.0	0.0
20	QPSK	1	53	20.77	20.91	20.88		
20	QPSK	1	104	20.74	20.77	20.62		
20	QPSK	50	0	20.74	20.87	20.72	22.0	0.0
20	QPSK	50	28	20.81	20.88	20.74	22.0	0.0
20	QPSK	50	56	20.72	20.85	20.58	22.0	0.0
20	QPSK	100	0	20.73	20.95	20.70		
20	16QAM	1	1	20.37	20.54	20.56	22.0	0.0
20	64QAM	1	1	20.54	20.61	20.52	22.0	0.0
20	256QAM	1	1	20.61	20.68	20.56	22.0	0.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	20.79	20.82	20.69	22.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	20.74	20.90	20.71	22.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	20.82	20.81	20.69	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	16.42	16.51	16.34	17.7	0.0
45	PI/2 BPSK	1	120	16.45	16.54	16.44		
45	PI/2 BPSK	1	240	16.49	16.54	16.40		
45	PI/2 BPSK	120	0	16.50	16.47	16.33	17.7	0.0
45	PI/2 BPSK	120	60	16.51	16.48	16.35	17.7	0.0
45	PI/2 BPSK	120	120	16.43	16.46	16.36	17.7	0.0
45	PI/2 BPSK	240	0	16.41	16.47	16.34		
45	QPSK	1	1	16.49	16.58	16.33	17.7	0.0
45	QPSK	1	120	16.41	16.50	16.33		
45	QPSK	1	240	16.50	16.53	16.37		
45	QPSK	120	0	16.44	16.55	16.39	17.7	0.0
45	QPSK	120	60	16.39	16.47	16.43	17.7	0.0
45	QPSK	120	120	16.48	16.47	16.37	17.7	0.0
45	QPSK	240	0	16.39	16.54	16.37		
45	16QAM	1	1	16.41	16.55	16.33	17.7	0.0
45	64QAM	1	1	16.40	16.51	16.40	17.7	0.0
45	256QAM	1	1	16.45	16.52	16.36	17.7	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	16.47	16.53	16.38	17.7	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	16.32	16.44	16.24	17.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.50	16.50	16.42	17.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.45	16.47	16.36	17.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.40	16.57	16.40	17.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.40	16.57	16.40	17.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.42	16.47	16.34	17.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.46	16.48	16.39	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.65	16.63	16.48	17.6	0.0
40	PI/2 BPSK	1	53	16.62	16.62	16.43		
40	PI/2 BPSK	1	104	16.58	16.66	16.41		
40	PI/2 BPSK	50	0	16.65	16.64	16.47	17.6	0.0
40	PI/2 BPSK	50	28	16.63	16.61	16.39	17.6	0.0
40	PI/2 BPSK	50	56	16.55	16.61	16.42	17.6	0.0
40	PI/2 BPSK	100	0	16.58	16.62	16.39		
40	QPSK	1	1	16.56	16.60	16.48	17.6	0.0
40	QPSK	1	53	16.60	16.69	16.39		
40	QPSK	1	104	16.59	16.68	16.48		
40	QPSK	50	0	16.67	16.67	16.42	17.6	0.0
40	QPSK	50	28	16.58	16.68	16.44	17.6	0.0
40	QPSK	50	56	16.65	16.60	16.44	17.6	0.0
40	QPSK	100	0	16.63	16.65	16.48		
40	16QAM	1	1	16.56	16.65	16.47	17.6	0.0
40	64QAM	1	1	16.60	16.65	16.45	17.6	0.0
40	256QAM	1	1	16.63	16.68	16.41	17.6	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.67	16.58	16.45	17.6	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	16.61	16.61	16.46	17.6	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.66	16.67	16.43	17.6	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.66	16.68	16.39	17.6	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.60	16.64	16.46	17.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.54	16.70	16.60	17.6	0.0
100	PI/2 BPSK	1	137	16.55	16.67	16.57		
100	PI/2 BPSK	1	271	16.54	16.69	16.63		
100	PI/2 BPSK	135	0	16.51	16.65	16.59	17.6	0.0
100	PI/2 BPSK	135	69	16.54	16.69	16.62	17.6	0.0
100	PI/2 BPSK	135	138	16.51	16.70	16.62	17.6	0.0
100	PI/2 BPSK	270	0	16.55	16.68	16.60		
100	QPSK	1	1	16.57	16.73	16.57	17.6	0.0
100	QPSK	1	137	16.50	16.66	16.53		
100	QPSK	1	271	16.52	16.70	16.58		
100	QPSK	135	0	16.51	16.60	16.59	17.6	0.0
100	QPSK	135	69	16.52	16.70	16.58	17.6	0.0
100	QPSK	135	138	16.59	16.67	16.55	17.6	0.0
100	QPSK	270	0	16.55	16.65	16.61		
100	16QAM	1	1	16.59	16.63	16.53	17.6	0.0
100	64QAM	1	1	16.57	16.63	16.55	17.6	0.0
100	256QAM	1	1	16.57	16.62	16.58	17.6	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.49	16.71	16.62	17.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.49	16.67	16.62	17.6	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.48	16.62	16.59	17.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.53	16.63	16.55	17.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.49	16.68	16.56	17.6	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	16.47	16.68	16.52	17.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.50	16.63	16.62	17.6	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	16.52	16.60	16.46	17.6	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.47	16.71	16.54	17.6	0.0
Channel				501700	518600	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.5	2593	2677.5		
25	QPSK	1	1	16.46	16.68	16.55	17.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.58	16.70	16.62	17.6	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.58	16.62	16.53	17.6	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.57	16.67	16.59	17.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	11.13	11.23	11.06	12.9	0.0
100	PI/2 BPSK	1	137	11.09	11.14	11.08		
100	PI/2 BPSK	1	271	11.12	11.16	11.17		
100	PI/2 BPSK	135	0	11.02	11.20	11.11	12.9	0.0
100	PI/2 BPSK	135	69	11.09	11.24	11.14	12.9	0.0
100	PI/2 BPSK	135	138	11.02	11.20	11.12	12.9	0.0
100	PI/2 BPSK	270	0	11.06	11.18	11.16		
100	QPSK	1	1	11.02	11.26	11.07	12.9	0.0
100	QPSK	1	137	11.10	11.15	11.06		
100	QPSK	1	271	11.11	11.24	11.16		
100	QPSK	135	0	11.05	11.18	11.09	12.9	0.0
100	QPSK	135	69	11.06	11.22	11.13	12.9	0.0
100	QPSK	135	138	11.03	11.10	11.08	12.9	0.0
100	QPSK	270	0	11.10	11.17	11.12		
100	16QAM	1	1	11.04	11.16	11.09	12.9	0.0
100	64QAM	1	1	11.01	11.15	11.10	12.9	0.0
100	256QAM	1	1	11.06	11.14	11.08	12.9	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	11.05	11.24	11.07	12.9	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	11.04	11.22	11.07	12.9	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	11.05	11.20	11.11	12.9	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	10.97	11.24	11.05	12.9	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	11.07	11.24	11.08	12.9	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	11.02	11.21	11.09	12.9	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	11.01	11.18	11.09	12.9	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	11.03	11.16	11.14	12.9	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	10.98	11.20	11.15	12.9	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	11.01	11.16	11.09	12.9	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	10.99	11.18	11.07	12.9	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		11.15		12.9	0.0
100	PI/2 BPSK	1	137		11.14			
100	PI/2 BPSK	1	271		11.17			
100	PI/2 BPSK	135	0		11.11		12.9	0.0
100	PI/2 BPSK	135	69		11.19		12.9	0.0
100	PI/2 BPSK	135	138		11.17		12.9	0.0
100	PI/2 BPSK	270	0		11.13			
100	QPSK	1	1		11.23		12.9	0.0
100	QPSK	1	137		11.16			
100	QPSK	1	271		11.10			
100	QPSK	135	0		11.13		12.9	0.0
100	QPSK	135	69		11.19		12.9	0.0
100	QPSK	135	138		11.14		12.9	0.0
100	QPSK	270	0		11.16			
100	16QAM	1	1		11.16		12.9	0.0
100	64QAM	1	1		11.19		12.9	0.0
100	256QAM	1	1		11.09		12.9	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	11.15	11.09	11.11	12.9	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	11.09	11.19	11.21	12.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	11.14	11.10	11.20	12.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	11.11	11.11	11.19	12.9	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	11.17	11.12	11.12	12.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	11.14	11.15	11.11	12.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	11.16	11.15	11.20	12.9	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	11.19	11.16	11.20	12.9	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	11.14	11.16	11.09	12.9	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	11.16	11.14	11.11	12.9	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	11.17	11.12	11.13	12.9	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.06	14.07	13.94	15.2	0.0
100	PI/2 BPSK	1	137	14.03	14.09	14.01		
100	PI/2 BPSK	1	271	14.09	14.13	13.98		
100	PI/2 BPSK	135	0	14.09	14.16	13.97	15.2	0.0
100	PI/2 BPSK	135	69	14.09	14.12	13.98	15.2	0.0
100	PI/2 BPSK	135	138	14.09	14.12	14.03	15.2	0.0
100	PI/2 BPSK	270	0	14.09	14.16	13.92		
100	QPSK	1	1	14.09	14.20	14.02	15.2	0.0
100	QPSK	1	137	14.09	14.09	13.93		
100	QPSK	1	271	14.09	14.15	13.97		
100	QPSK	135	0	13.99	14.06	13.93	15.2	0.0
100	QPSK	135	69	14.01	14.09	13.96	15.2	0.0
100	QPSK	135	138	14.01	14.08	13.99	15.2	0.0
100	QPSK	270	0	14.09	14.12	13.97		
100	16QAM	1	1	14.09	14.14	14.03	15.2	0.0
100	64QAM	1	1	14.09	14.12	13.93	15.2	0.0
100	256QAM	1	1	14.09	14.16	13.94	15.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.07	14.11	13.99	15.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	14.02	14.16	14.03	15.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.09	14.07	13.93	15.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	14.00	14.09	13.96	15.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.01	14.15	14.03	15.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.06	14.07	14.00	15.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.03	14.11	14.02	15.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	14.02	14.18	13.92	15.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	14.05	14.15	13.96	15.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	14.01	14.07	13.99	15.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.06	14.08	14.03	15.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		14.03		15.2	0.0
100	PI/2 BPSK	1	137		14.00			
100	PI/2 BPSK	1	271		13.95			
100	PI/2 BPSK	135	0		13.99		15.2	0.0
100	PI/2 BPSK	135	69		14.00		15.2	0.0
100	PI/2 BPSK	135	138		13.91		15.2	0.0
100	PI/2 BPSK	270	0		14.00			
100	QPSK	1	1		14.11		15.2	0.0
100	QPSK	1	137		13.94			
100	QPSK	1	271		14.01			
100	QPSK	135	0		14.01		15.2	0.0
100	QPSK	135	69		14.04		15.2	0.0
100	QPSK	135	138		13.96		15.2	0.0
100	QPSK	270	0		13.97			
100	16QAM	1	1		13.88		15.2	0.0
100	64QAM	1	1		13.81		15.2	0.0
100	256QAM	1	1		13.02		14.2	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.92	13.93	13.96	15.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.96	13.91	13.93	15.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.93	13.92	13.96	15.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.94	13.89	13.96	15.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	14.00	13.89	13.99	15.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.88	13.90	13.92	15.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.91	13.93	13.95	15.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	13.88	13.97	13.96	15.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.96	13.95	13.94	15.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.92	13.99	13.94	15.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.96	13.90	13.94	15.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.62	17.76	17.73	18.9	0.0
100	PI/2 BPSK	1	137	17.60	17.87	17.64		
100	PI/2 BPSK	1	271	17.74	17.75	17.77		
100	PI/2 BPSK	135	0	17.70	17.84	17.68	18.9	0.0
100	PI/2 BPSK	135	69	17.78	17.87	17.89	18.9	0.0
100	PI/2 BPSK	135	138	17.75	17.94	17.76	18.9	0.0
100	PI/2 BPSK	270	0	17.65	17.94	17.72		
100	QPSK	1	1	17.85	17.97	17.94	18.9	0.0
100	QPSK	1	137	17.78	17.87	17.78		
100	QPSK	1	271	17.59	17.80	17.59		
100	QPSK	135	0	17.89	17.90	17.75	18.9	0.0
100	QPSK	135	69	17.78	17.93	17.89	18.9	0.0
100	QPSK	135	138	17.57	17.71	17.45	18.9	0.0
100	QPSK	270	0	17.85	17.91	17.72		
100	16QAM	1	1	17.39	17.47	17.32	18.9	0.0
100	64QAM	1	1	17.44	17.47	17.28	18.9	0.0
100	256QAM	1	1	17.77	17.78	17.67	18.9	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.73	17.84	17.67	18.9	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.71	17.85	17.73	18.9	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.76	17.78	17.71	18.9	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.78	17.79	17.76	18.9	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.75	17.87	17.71	18.9	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.66	17.72	17.59	18.9	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.59	17.71	17.61	18.9	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.57	17.81	17.69	18.9	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.66	17.77	17.59	18.9	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.66	17.74	17.64	18.9	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.64	17.80	17.61	18.9	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.62		18.9	0.0
100	PI/2 BPSK	1	137		17.70			
100	PI/2 BPSK	1	271		17.87			
100	PI/2 BPSK	135	0		17.61		18.9	0.0
100	PI/2 BPSK	135	69		17.72		18.9	0.0
100	PI/2 BPSK	135	138		17.86		18.9	0.0
100	PI/2 BPSK	270	0		17.73			
100	QPSK	1	1		17.90		18.9	0.0
100	QPSK	1	137		17.68			
100	QPSK	1	271		17.79			
100	QPSK	135	0		17.70		18.9	0.0
100	QPSK	135	69		17.84		18.9	0.0
100	QPSK	135	138		17.80		18.9	0.0
100	QPSK	270	0		17.81			
100	16QAM	1	1		17.34		18.9	0.0
100	64QAM	1	1		17.31		18.9	0.0
100	256QAM	1	1		17.59		18.9	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.73	17.84	17.86	18.9	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.79	17.81	17.83	18.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.79	17.83	17.88	18.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.78	17.80	17.81	18.9	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.80	17.87	17.81	18.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.81	17.83	17.85	18.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.70	17.83	17.81	18.9	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.77	17.80	17.80	18.9	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.75	17.82	17.80	18.9	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.73	17.61	17.80	18.9	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.75	17.82	17.82	18.9	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.22	19.21	19.08	19.8	0.0
100	PI/2 BPSK	1	137	18.84	18.88	18.84		
100	PI/2 BPSK	1	271	18.55	18.74	18.63		
100	PI/2 BPSK	135	0	18.92	19.08	18.97	19.8	0.0
100	PI/2 BPSK	135	69	18.75	18.96	18.75	19.8	0.0
100	PI/2 BPSK	135	138	18.91	18.91	18.78	19.8	0.0
100	PI/2 BPSK	270	0	18.93	18.92	18.83		
100	QPSK	1	1	19.20	19.26	19.05	19.8	0.0
100	QPSK	1	137	18.93	18.99	18.77		
100	QPSK	1	271	18.72	18.75	18.68		
100	QPSK	135	0	18.93	18.94	19.05	19.8	0.0
100	QPSK	135	69	18.92	19.14	18.85	19.8	0.0
100	QPSK	135	138	18.89	19.04	18.89	19.8	0.0
100	QPSK	270	0	18.90	19.02	18.91		
100	16QAM	1	1	19.02	19.02	19.01	19.8	0.0
100	64QAM	1	1	18.88	19.09	19.07	19.8	0.0
100	256QAM	1	1	18.16	18.17	18.00	19.5	0.3
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.09	19.25	18.95	19.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.17	19.22	19.04	19.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.20	19.14	18.84	19.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.14	19.17	18.89	19.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.04	19.10	19.04	19.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.19	19.18	18.95	19.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.09	19.21	18.90	19.8	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.16	19.25	18.84	19.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.99	19.06	18.99	19.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.18	19.09	18.85	19.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.03	19.09	18.90	19.8	0.0

Part27O n78 Ant9

BW [MHz]	Modulation	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		19.18		19.8	0.0
100	PI/2 BPSK	1	137		18.87			
100	PI/2 BPSK	1	271		18.78			
100	PI/2 BPSK	135	0		19.04		19.8	0.0
100	PI/2 BPSK	135	69		18.95		19.8	0.0
100	PI/2 BPSK	135	138		18.87		19.8	0.0
100	PI/2 BPSK	270	0		19.00			
100	QPSK	1	1		19.20		19.8	0.0
100	QPSK	1	137		18.90			
100	QPSK	1	271		18.79			
100	QPSK	135	0		19.00		19.8	0.0
100	QPSK	135	69		19.09		19.8	0.0
100	QPSK	135	138		18.88		19.8	0.0
100	QPSK	270	0		19.05			
100	16QAM	1	1		19.07		19.8	0.0
100	64QAM	1	1		19.06		19.8	0.0
100	256QAM	1	1		18.20		19.5	0.3
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.00	18.98	19.10	19.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.95	18.98	19.07	19.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.85	18.90	19.10	19.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.02	18.78	18.90	19.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.81	18.98	19.01	19.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.00	18.85	18.97	19.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.95	18.84	18.98	19.8	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.02	18.94	19.08	19.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.78	18.82	19.01	19.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.02	18.88	19.01	19.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.95	18.83	18.98	19.8	0.0

Full & Default Power Mode_Other PA

n7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.97	22.97	22.86	24.0	0.0
50	PI/2 BPSK	1	135	22.92	22.89	22.75		
50	PI/2 BPSK	1	268	22.78	22.90	22.73		
50	PI/2 BPSK	135	0	22.94	23.08	22.81	24.0	0.0
50	PI/2 BPSK	135	68	22.82	22.85	22.86	24.0	0.0
50	PI/2 BPSK	135	135	22.83	22.86	22.79	24.0	0.0
50	PI/2 BPSK	270	0	22.80	22.84	22.87		
50	QPSK	1	1	23.07	23.13	23.02	24.0	0.0
50	QPSK	1	135	22.87	23.07	22.95		
50	QPSK	1	268	22.95	23.09	22.98		
50	QPSK	135	0	22.67	22.73	22.71	24.0	0.0
50	QPSK	135	68	22.97	23.06	22.92	24.0	0.0
50	QPSK	135	135	22.70	22.64	22.53	24.0	0.0
50	QPSK	270	0	22.71	22.85	22.66		
50	16QAM	1	1	22.70	22.92	22.74	24.0	0.0
50	64QAM	1	1	22.71	22.84	22.70	24.0	0.0
50	256QAM	1	1	22.81	22.81	22.73	23.5	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.00	23.07	22.98	24.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	22.95	23.07	22.93	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.92	23.06	22.97	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	22.93	23.08	22.88	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.96	23.07	22.92	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	22.99	22.99	22.94	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.93	22.98	22.96	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.00	22.99	22.89	24.0	0.0

n66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	23.01	23.04	22.95	24.0	0.0
45	PI/2 BPSK	1	120	22.88	22.85	22.81		
45	PI/2 BPSK	1	240	22.86	22.88	22.75		
45	PI/2 BPSK	120	0	22.99	23.09	22.88	24.0	0.0
45	PI/2 BPSK	120	60	22.85	22.88	22.79	24.0	0.0
45	PI/2 BPSK	120	120	22.71	22.88	22.84	24.0	0.0
45	PI/2 BPSK	240	0	22.82	22.93	22.84		
45	QPSK	1	1	23.05	23.12	23.03	24.0	0.0
45	QPSK	1	120	22.89	23.02	23.01		
45	QPSK	1	240	22.96	23.00	22.93		
45	QPSK	120	0	22.63	22.79	22.75	24.0	0.0
45	QPSK	120	60	22.98	23.06	22.88	24.0	0.0
45	QPSK	120	120	22.62	22.70	22.57	24.0	0.0
45	QPSK	240	0	22.71	22.74	22.67		
45	16QAM	1	1	22.69	22.85	22.79	24.0	0.0
45	64QAM	1	1	22.67	22.78	22.64	24.0	0.0
45	256QAM	1	1	22.73	22.89	22.74	24.0	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.92	23.03	22.98	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.92	22.98	22.93	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.01	23.07	22.96	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	22.92	22.96	22.93	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.90	23.07	22.93	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	22.96	23.08	22.94	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.96	22.98	22.93	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	22.97	23.02	22.91	24.0	0.0

n2 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	23.13	23.17	22.97	24.0	0.0
40	PI/2 BPSK	1	108	22.97	23.04	22.93		
40	PI/2 BPSK	1	214	22.98	22.96	22.82		
40	PI/2 BPSK	108	0	23.06	23.21	22.93	24.0	0.0
40	PI/2 BPSK	108	54	22.96	23.06	23.00	24.0	0.0
40	PI/2 BPSK	108	108	22.94	22.98	22.88	24.0	0.0
40	PI/2 BPSK	216	0	22.91	23.03	22.95		
40	QPSK	1	1	23.13	23.24	23.10	24.0	0.0
40	QPSK	1	108	23.06	23.14	23.07		
40	QPSK	1	214	22.99	23.11	23.03		
40	QPSK	108	0	22.79	22.92	22.80	24.0	0.0
40	QPSK	108	54	23.06	23.13	23.00	24.0	0.0
40	QPSK	108	108	22.84	22.77	22.62	24.0	0.0
40	QPSK	216	0	22.72	22.95	22.81		
40	16QAM	1	1	22.82	23.03	22.84	24.0	0.0
40	64QAM	1	1	22.87	22.92	22.74	24.0	0.0
40	256QAM	1	1	22.90	22.93	22.78	24.0	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	23.01	23.13	23.03	24.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	23.08	23.11	23.03	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	23.08	23.12	22.95	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.95	23.19	22.95	24.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.01	23.07	22.97	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.95	23.05	22.99	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	23.00	23.19	23.05	24.0	0.0

n7 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.91	22.94	22.85	24.0	0.0
50	PI/2 BPSK	1	135	22.81	22.79	22.71		
50	PI/2 BPSK	1	268	22.78	22.79	22.59		
50	PI/2 BPSK	135	0	22.96	22.93	22.75	24.0	0.0
50	PI/2 BPSK	135	68	22.69	22.78	22.78	24.0	0.0
50	PI/2 BPSK	135	135	22.67	22.85	22.74	24.0	0.0
50	PI/2 BPSK	270	0	22.76	22.85	22.83		
50	QPSK	1	1	22.92	23.06	22.99	24.0	0.0
50	QPSK	1	135	22.78	22.93	22.94		
50	QPSK	1	268	22.82	22.91	22.87		
50	QPSK	135	0	22.61	22.72	22.67	24.0	0.0
50	QPSK	135	68	22.86	22.93	22.79	24.0	0.0
50	QPSK	135	135	22.58	22.61	22.44	24.0	0.0
50	QPSK	270	0	22.58	22.68	22.56		
50	16QAM	1	1	22.71	22.76	22.72	24.0	0.0
50	64QAM	1	1	22.62	22.74	22.58	24.0	0.0
50	256QAM	1	1	22.74	22.75	22.61	24.0	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.88	22.94	22.87	24.0	0.0
Channel				502500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	22.75	23.03	22.94	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.74	23.01	22.82	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	22.88	23.02	22.97	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.79	22.93	22.85	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	22.87	22.99	22.83	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.83	23.03	22.82	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	22.82	22.90	22.88	24.0	0.0

n66 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	23.10	23.12	22.95	24.0	0.0
45	PI/2 BPSK	1	120	22.86	22.94	22.85		
45	PI/2 BPSK	1	240	22.87	22.94	22.74		
45	PI/2 BPSK	120	0	23.04	23.10	22.93	24.0	0.0
45	PI/2 BPSK	120	60	22.88	22.99	22.88	24.0	0.0
45	PI/2 BPSK	120	120	22.88	22.99	22.82	24.0	0.0
45	PI/2 BPSK	240	0	22.84	22.97	22.94		
45	QPSK	1	1	23.05	23.14	23.06	24.0	0.0
45	QPSK	1	120	22.97	23.12	23.05		
45	QPSK	1	240	22.90	23.07	23.00		
45	QPSK	120	0	22.68	22.83	22.80	24.0	0.0
45	QPSK	120	60	22.93	23.01	22.92	24.0	0.0
45	QPSK	120	120	22.74	22.69	22.58	24.0	0.0
45	QPSK	240	0	22.72	22.88	22.66		
45	16QAM	1	1	22.82	22.87	22.79	24.0	0.0
45	64QAM	1	1	22.77	22.87	22.69	24.0	0.0
45	256QAM	1	1	22.76	22.85	22.75	24.0	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.87	23.10	22.88	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.88	23.05	22.91	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.03	22.99	22.95	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	23.02	23.01	23.01	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.00	23.10	22.87	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	22.99	23.13	22.89	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.94	22.97	22.94	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	22.86	22.98	22.90	24.0	0.0

Reduced Power Mode for ECI 2_Other PA

n7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.97	22.97	22.86	24.0	0.0
50	PI/2 BPSK	1	135	22.92	22.89	22.75		
50	PI/2 BPSK	1	268	22.78	22.90	22.73		
50	PI/2 BPSK	135	0	22.94	23.08	22.81	24.0	0.0
50	PI/2 BPSK	135	68	22.82	22.85	22.86	24.0	0.0
50	PI/2 BPSK	135	135	22.83	22.86	22.79	24.0	0.0
50	PI/2 BPSK	270	0	22.80	22.84	22.87		
50	QPSK	1	1	23.07	23.13	23.02	24.0	0.0
50	QPSK	1	135	22.87	23.07	22.95		
50	QPSK	1	268	22.95	23.09	22.98		
50	QPSK	135	0	22.67	22.73	22.71	24.0	0.0
50	QPSK	135	68	22.97	23.06	22.92	24.0	0.0
50	QPSK	135	135	22.70	22.64	22.53	24.0	0.0
50	QPSK	270	0	22.71	22.85	22.66		
50	16QAM	1	1	22.70	22.92	22.74	24.0	0.0
50	64QAM	1	1	22.71	22.84	22.70	24.0	0.0
50	256QAM	1	1	22.81	22.81	22.73	23.5	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.00	23.07	22.98	24.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	22.95	23.07	22.93	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.92	23.06	22.97	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	22.93	23.08	22.88	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.96	23.07	22.92	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	22.99	22.99	22.94	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.93	22.98	22.96	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.00	22.99	22.89	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	23.01	23.04	22.95	24.0	0.0
45	PI/2 BPSK	1	120	22.88	22.85	22.81		
45	PI/2 BPSK	1	240	22.86	22.88	22.75		
45	PI/2 BPSK	120	0	22.99	23.09	22.88	24.0	0.0
45	PI/2 BPSK	120	60	22.85	22.88	22.79	24.0	0.0
45	PI/2 BPSK	120	120	22.71	22.88	22.84	24.0	0.0
45	PI/2 BPSK	240	0	22.82	22.93	22.84		
45	QPSK	1	1	23.05	23.12	23.03	24.0	0.0
45	QPSK	1	120	22.89	23.02	23.01		
45	QPSK	1	240	22.96	23.00	22.93		
45	QPSK	120	0	22.63	22.79	22.75	24.0	0.0
45	QPSK	120	60	22.98	23.06	22.88	24.0	0.0
45	QPSK	120	120	22.62	22.70	22.57	24.0	0.0
45	QPSK	240	0	22.71	22.74	22.67		
45	16QAM	1	1	22.69	22.85	22.79	24.0	0.0
45	64QAM	1	1	22.67	22.78	22.64	24.0	0.0
45	256QAM	1	1	22.73	22.89	22.74	24.0	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.92	23.03	22.98	24.0	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.92	22.98	22.93	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.01	23.07	22.96	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	22.92	22.96	22.93	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.90	23.07	22.93	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	22.96	23.08	22.94	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.96	22.98	22.93	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	22.97	23.02	22.91	24.0	0.0

n2 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	18.58	18.78	18.89		
40	PI/2 BPSK	1	108	18.76	19.03	18.84	20.1	0.0
40	PI/2 BPSK	1	214	18.83	18.99	18.86		
40	PI/2 BPSK	108	0	18.99	18.92	18.88	20.1	0.0
40	PI/2 BPSK	108	54	18.92	18.95	18.76	20.1	0.0
40	PI/2 BPSK	108	108	18.85	19.07	18.96	20.1	0.0
40	PI/2 BPSK	216	0	18.95	19.04	18.71		
40	QPSK	1	1	18.87	19.08	18.89		
40	QPSK	1	108	18.83	18.90	18.85	20.1	0.0
40	QPSK	1	214	18.89	19.03	18.87		
40	QPSK	108	0	18.76	19.00	18.94	20.1	0.0
40	QPSK	108	54	19.04	19.06	18.91	20.1	0.0
40	QPSK	108	108	19.04	18.99	18.78	20.1	0.0
40	QPSK	216	0	18.93	19.05	18.79		
40	16QAM	1	1	18.67	18.73	18.48	20.1	0.0
40	64QAM	1	1	18.44	18.61	18.77	20.1	0.0
40	256QAM	1	1	18.85	19.05	18.84	20.1	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	18.80	19.10	18.90	20.1	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	18.75	18.99	18.89	20.1	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	18.82	18.87	18.85	20.1	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	18.69	19.02	18.69	20.1	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.71	19.07	18.71	20.1	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.80	19.04	18.82	20.1	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.74	19.03	18.81	20.1	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.00	19.08	18.94		
50	PI/2 BPSK	1	135	18.86	18.98	18.83	20.6	0.0
50	PI/2 BPSK	1	268	18.86	18.89	18.74		
50	PI/2 BPSK	135	0	18.98	19.05	18.85	20.6	0.0
50	PI/2 BPSK	135	68	18.79	18.93	18.81	20.6	0.0
50	PI/2 BPSK	135	135	18.75	18.98	18.87	20.6	0.0
50	PI/2 BPSK	270	0	18.89	18.88	18.83		
50	QPSK	1	1	19.08	19.16	19.13		
50	QPSK	1	135	18.89	19.02	19.00	20.6	0.0
50	QPSK	1	268	18.97	19.04	18.96		
50	QPSK	135	0	18.71	18.74	18.79	20.6	0.0
50	QPSK	135	68	18.92	19.09	18.94	20.6	0.0
50	QPSK	135	135	18.71	18.66	18.63	20.6	0.0
50	QPSK	270	0	18.65	18.85	18.71		
50	16QAM	1	1	18.80	18.83	18.81	20.6	0.0
50	64QAM	1	1	18.77	18.89	18.67	20.6	0.0
50	256QAM	1	1	18.80	18.92	18.79	20.6	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.02	19.06	19.02	20.6	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	18.99	19.03	19.04	20.6	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.04	19.10	19.00	20.6	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.02	19.07	19.06	20.6	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.00	19.10	19.00	20.6	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.98	19.05	19.01	20.6	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.95	19.00	19.00	20.6	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.93	19.03	19.04	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	18.50	18.75	18.75		
45	PI/2 BPSK	1	120	18.58	18.76	18.61	19.9	0.0
45	PI/2 BPSK	1	240	18.53	18.80	18.71		
45	PI/2 BPSK	120	0	18.59	18.71	18.54	19.9	0.0
45	PI/2 BPSK	120	60	18.52	18.79	18.64	19.9	0.0
45	PI/2 BPSK	120	120	18.62	18.62	18.54	19.9	0.0
45	PI/2 BPSK	240	0	18.57	18.69	18.60		
45	QPSK	1	1	18.51	18.86	18.73		
45	QPSK	1	120	18.68	18.78	18.72	19.9	0.0
45	QPSK	1	240	18.49	18.79	18.61		
45	QPSK	120	0	18.59	18.65	18.55	19.9	0.0
45	QPSK	120	60	18.64	18.75	18.70	19.9	0.0
45	QPSK	120	120	18.55	18.65	18.65	19.9	0.0
45	QPSK	240	0	18.60	18.69	18.54		
45	16QAM	1	1	18.50	18.84	18.66	19.9	0.0
45	64QAM	1	1	18.51	18.63	18.63	19.9	0.0
45	256QAM	1	1	18.65	18.65	18.61	19.9	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	18.48	18.71	18.67	19.9	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.46	18.85	18.68	19.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.41	18.75	18.72	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	18.35	18.75	18.63	19.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.31	18.58	18.71	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	18.29	18.66	18.74	19.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.43	18.60	18.64	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	18.74	18.56	19.9	0.0

Reduced Power Mode for ECI 3_Other PA

n2 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	20.48	20.56	20.46	21.8	0.0
40	PI/2 BPSK	1	108	20.54	20.75	20.45		
40	PI/2 BPSK	1	214	20.46	20.59	20.61		
40	PI/2 BPSK	108	0	20.61	20.56	20.64	21.8	0.0
40	PI/2 BPSK	108	54	20.68	20.74	20.58	21.8	0.0
40	PI/2 BPSK	108	108	20.67	20.76	20.63	21.8	0.0
40	PI/2 BPSK	216	0	20.76	20.78	20.68		
40	QPSK	1	1	20.67	20.84	20.77	21.8	0.0
40	QPSK	1	108	20.41	20.60	20.40		
40	QPSK	1	214	20.54	20.65	20.58		
40	QPSK	108	0	20.70	20.64	20.65	21.8	0.0
40	QPSK	108	54	20.57	20.74	20.57	21.8	0.0
40	QPSK	108	108	20.70	20.50	20.48	21.8	0.0
40	QPSK	216	0	20.43	20.72	20.54		
40	16QAM	1	1	20.39	20.37	20.36	21.8	0.0
40	64QAM	1	1	20.38	20.37	20.19	21.8	0.0
40	256QAM	1	1	20.46	20.59	20.61	21.8	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	20.60	20.76	20.60	21.8	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	20.58	20.76	20.70	21.8	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	20.52	20.72	20.63	21.8	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	20.63	20.77	20.68	21.8	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.62	20.80	20.70	21.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.57	20.73	20.70	21.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.61	20.78	20.68	21.8	0.0

n7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.83	20.83	20.93	22.2	0.0
50	PI/2 BPSK	1	135	20.91	20.93	20.88		
50	PI/2 BPSK	1	268	20.75	20.89	20.79		
50	PI/2 BPSK	135	0	20.86	21.01	20.77	22.2	0.0
50	PI/2 BPSK	135	68	20.96	21.02	20.88	22.2	0.0
50	PI/2 BPSK	135	135	20.91	21.06	20.93	22.2	0.0
50	PI/2 BPSK	270	0	20.95	21.01	20.86		
50	QPSK	1	1	21.07	21.16	20.93	22.2	0.0
50	QPSK	1	135	20.84	20.93	21.01		
50	QPSK	1	268	20.74	20.92	20.86		
50	QPSK	135	0	20.87	20.92	20.83	22.2	0.0
50	QPSK	135	68	21.01	21.12	20.90	22.2	0.0
50	QPSK	135	135	20.83	21.00	20.97	22.2	0.0
50	QPSK	270	0	20.93	21.04	20.91		
50	16QAM	1	1	20.63	20.69	20.55	22.2	0.0
50	64QAM	1	1	20.78	20.76	20.72	22.2	0.0
50	256QAM	1	1	20.04	20.30	20.16	21.7	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.90	21.09	20.79	22.2	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.93	21.11	20.80	22.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.95	21.11	20.84	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	20.93	21.05	20.80	22.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.94	21.02	20.82	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	20.96	21.07	20.87	22.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.02	21.04	20.89	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	21.00	21.09	20.80	22.2	0.0

n66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	19.02	19.22	19.08	20.3	0.0
45	PI/2 BPSK	1	120	19.11	19.11	19.23		
45	PI/2 BPSK	1	240	19.15	19.21	19.10		
45	PI/2 BPSK	120	0	19.17	19.25	19.14	20.3	0.0
45	PI/2 BPSK	120	60	19.22	19.20	19.07	20.3	0.0
45	PI/2 BPSK	120	120	19.15	19.21	19.12	20.3	0.0
45	PI/2 BPSK	240	0	19.04	19.07	19.08		
45	QPSK	1	1	19.22	19.33	19.14	20.3	0.0
45	QPSK	1	120	19.25	19.22	19.26		
45	QPSK	1	240	19.06	19.15	19.17		
45	QPSK	120	0	19.18	19.22	19.23	20.3	0.0
45	QPSK	120	60	19.25	19.26	19.10	20.3	0.0
45	QPSK	120	120	19.03	19.16	19.09	20.3	0.0
45	QPSK	240	0	19.19	19.20	19.06		
45	16QAM	1	1	19.14	19.11	19.07	20.3	0.0
45	64QAM	1	1	19.08	19.08	19.03	20.3	0.0
45	256QAM	1	1	19.01	19.27	19.26	20.3	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	19.10	19.29	18.99	20.3	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	19.11	19.27	19.03	20.3	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.15	19.18	18.99	20.3	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.12	19.29	19.00	20.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.06	19.23	18.99	20.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.08	19.27	18.98	20.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.14	19.19	19.05	20.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.07	19.21	19.02	20.3	0.0

n2 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	19.42	19.63	19.39	21.2	0.0
40	PI/2 BPSK	1	108	19.53	19.54	19.42		
40	PI/2 BPSK	1	214	19.41	19.65	19.53		
40	PI/2 BPSK	108	0	19.48	19.62	19.54	21.2	0.0
40	PI/2 BPSK	108	54	19.53	19.66	19.58	21.2	0.0
40	PI/2 BPSK	108	108	19.39	19.68	19.41	21.2	0.0
40	PI/2 BPSK	216	0	19.34	19.54	19.45		
40	QPSK	1	1	19.47	19.69	19.38	21.2	0.0
40	QPSK	1	108	19.42	19.60	19.54		
40	QPSK	1	214	19.36	19.66	19.59		
40	QPSK	108	0	19.40	19.61	19.55	21.2	0.0
40	QPSK	108	54	19.52	19.67	19.48	21.2	0.0
40	QPSK	108	108	19.49	19.60	19.38	21.2	0.0
40	QPSK	216	0	19.45	19.67	19.56		
40	16QAM	1	1	19.45	19.46	19.36	21.2	0.0
40	64QAM	1	1	19.55	19.67	19.45	21.2	0.0
40	256QAM	1	1	19.42	19.64	19.59	21.2	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	19.42	19.54	19.33	21.2	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	19.41	19.47	19.60	21.2	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	19.35	19.49	19.37	21.2	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	19.35	19.66	19.44	21.2	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.55	19.47	19.41	21.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.50	19.48	19.51	21.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.54	19.49	19.59	21.2	0.0

n7 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.00	19.08	18.94	20.6	0.0
50	PI/2 BPSK	1	135	18.86	18.98	18.83		
50	PI/2 BPSK	1	268	18.86	18.89	18.74		
50	PI/2 BPSK	135	0	18.98	19.05	18.85	20.6	0.0
50	PI/2 BPSK	135	68	18.79	18.93	18.81	20.6	0.0
50	PI/2 BPSK	135	135	18.75	18.98	18.87	20.6	0.0
50	PI/2 BPSK	270	0	18.89	18.88	18.83		
50	QPSK	1	1	19.08	19.16	19.13	20.6	0.0
50	QPSK	1	135	18.89	19.02	19.00		
50	QPSK	1	268	18.97	19.04	18.96		
50	QPSK	135	0	18.71	18.74	18.79	20.6	0.0
50	QPSK	135	68	18.92	19.09	18.94	20.6	0.0
50	QPSK	135	135	18.71	18.66	18.63	20.6	0.0
50	QPSK	270	0	18.65	18.85	18.71		
50	16QAM	1	1	18.80	18.83	18.81	20.6	0.0
50	64QAM	1	1	18.77	18.89	18.67	20.6	0.0
50	256QAM	1	1	18.80	18.92	18.79	20.6	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.02	19.06	19.02	20.6	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	18.99	19.03	19.04	20.6	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2530	2555		
30	QPSK	1	1	19.04	19.10	19.00	20.6	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.02	19.07	19.06	20.6	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.00	19.10	19.00	20.6	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.98	19.05	19.01	20.6	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.95	19.00	19.00	20.6	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.93	19.03	19.04	20.6	0.0

n66 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	18.06	17.94	17.94	19.4	0.0
45	PI/2 BPSK	1	120	18.05	18.08	17.95		
45	PI/2 BPSK	1	240	17.89	17.99	17.76		
45	PI/2 BPSK	120	0	17.99	17.91	17.89	19.4	0.0
45	PI/2 BPSK	120	60	17.95	17.93	17.85	19.4	0.0
45	PI/2 BPSK	120	120	17.94	18.07	17.85	19.4	0.0
45	PI/2 BPSK	240	0	17.86	17.94	17.78		
45	QPSK	1	1	17.89	18.15	17.98	19.4	0.0
45	QPSK	1	120	17.95	18.01	18.00		
45	QPSK	1	240	17.89	17.92	17.92		
45	QPSK	120	0	18.01	17.99	17.85	19.4	0.0
45	QPSK	120	60	18.05	18.10	17.92	19.4	0.0
45	QPSK	120	120	17.85	18.00	17.82	19.4	0.0
45	QPSK	240	0	17.93	17.99	17.89		
45	16QAM	1	1	17.93	18.09	17.89	19.4	0.0
45	64QAM	1	1	17.87	17.96	17.82	19.4	0.0
45	256QAM	1	1	18.02	17.97	17.78	19.4	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	17.86	17.94	17.78	19.4	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	17.84	18.00	17.86	19.4	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.89	17.92	17.92	19.4	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.05	18.00	17.92	19.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.93	17.94	17.99	19.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.89	17.99	17.76	19.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.89	18.08	18.00	19.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.86	18.05	17.84	19.4	0.0

Reduced Power Mode for ECI 6_Other PA

n7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.06	21.03	20.99	22.1	0.0
50	PI/2 BPSK	1	135	20.95	20.96	20.89		
50	PI/2 BPSK	1	268	20.84	21.01	20.82		
50	PI/2 BPSK	135	0	20.99	21.13	20.91	22.1	0.0
50	PI/2 BPSK	135	68	20.91	20.95	20.93	22.1	0.0
50	PI/2 BPSK	135	135	20.84	20.95	20.80	22.1	0.0
50	PI/2 BPSK	270	0	20.90	20.97	20.85		
50	QPSK	1	1	21.12	21.16	21.08	22.1	0.0
50	QPSK	1	135	20.95	21.07	20.98		
50	QPSK	1	268	20.97	21.14	21.04		
50	QPSK	135	0	20.71	20.76	20.82	22.1	0.0
50	QPSK	135	68	20.96	21.08	20.90	22.1	0.0
50	QPSK	135	135	20.73	20.94	20.72	22.1	0.0
50	QPSK	270	0	20.77	20.82	20.68		
50	16QAM	1	1	20.83	20.97	20.79	22.1	0.0
50	64QAM	1	1	20.74	20.83	20.68	22.1	0.0
50	256QAM	1	1	21.02	21.11	20.95	21.6	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.97	21.03	20.94	22.1	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.97	21.07	21.05	22.1	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.04	21.01	21.04	22.1	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.07	21.04	20.98	22.1	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.07	21.03	20.92	22.1	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.08	21.10	20.96	22.1	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.96	21.11	20.95	22.1	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.01	21.02	20.93	22.1	0.0

n66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	22.55	22.48	22.52	23.8	0.0
45	PI/2 BPSK	1	120	22.44	22.67	22.60		
45	PI/2 BPSK	1	240	22.39	22.59	22.39		
45	PI/2 BPSK	120	0	22.54	22.67	22.60	23.8	0.0
45	PI/2 BPSK	120	60	22.60	22.71	22.53	23.8	0.0
45	PI/2 BPSK	120	120	22.67	22.68	22.50	23.8	0.0
45	PI/2 BPSK	240	0	22.54	22.53	22.47		
45	QPSK	1	1	22.65	22.76	22.61	23.8	0.0
45	QPSK	1	120	22.56	22.67	22.61		
45	QPSK	1	240	22.55	22.60	22.47		
45	QPSK	120	0	22.47	22.76	22.65	23.8	0.0
45	QPSK	120	60	22.66	22.75	22.56	23.8	0.0
45	QPSK	120	120	22.51	22.63	22.53	23.8	0.0
45	QPSK	240	0	22.61	22.75	22.57		
45	16QAM	1	1	22.23	22.27	22.29	23.8	0.0
45	64QAM	1	1	22.09	22.32	22.22	23.8	0.0
45	256QAM	1	1	22.10	22.08	22.09	22.8	1.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.58	22.60	22.53	23.8	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.53	22.64	22.49	23.8	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.60	22.61	22.45	23.8	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.58	22.72	22.50	23.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.57	22.72	22.47	23.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.55	22.68	22.58	23.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.52	22.70	22.52	23.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.57	22.59	22.57	23.8	0.0

n2 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	21.59	21.54	21.41	22.3	0.0
40	PI/2 BPSK	1	108	21.42	21.42	21.37		
40	PI/2 BPSK	1	214	21.31	21.41	21.27		
40	PI/2 BPSK	108	0	21.55	21.61	21.40	22.3	0.0
40	PI/2 BPSK	108	54	21.41	21.50	21.43	22.3	0.0
40	PI/2 BPSK	108	108	21.33	21.41	21.34	22.3	0.0
40	PI/2 BPSK	216	0	21.39	21.46	21.42		
40	QPSK	1	1	21.61	21.63	21.62	22.3	0.0
40	QPSK	1	108	21.50	21.61	21.55		
40	QPSK	1	214	21.47	21.57	21.45		
40	QPSK	108	0	21.22	21.24	21.20	22.3	0.0
40	QPSK	108	54	21.45	21.55	21.51	22.3	0.0
40	QPSK	108	108	21.26	21.39	21.21	22.3	0.0
40	QPSK	216	0	21.19	21.40	21.27		
40	16QAM	1	1	21.35	21.46	21.32	22.3	0.0
40	64QAM	1	1	21.28	21.41	21.18	22.3	0.0
40	256QAM	1	1	21.33	21.34	21.24	22.3	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	21.59	21.60	21.55	22.3	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	21.49	21.49	21.57	22.3	#REF!
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	21.52	21.50	21.49	22.3	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	21.51	21.52	21.54	22.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.46	21.57	21.54	22.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.54	21.52	21.46	22.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.54	21.54	21.54	22.3	0.0

n7 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.03	21.07	20.97	22.0	0.0
50	PI/2 BPSK	1	135	20.91	20.93	20.88		
50	PI/2 BPSK	1	268	20.80	20.94	20.77		
50	PI/2 BPSK	135	0	20.96	21.05	20.84	22.0	0.0
50	PI/2 BPSK	135	68	20.86	20.95	20.84	22.0	0.0
50	PI/2 BPSK	135	135	20.80	20.94	20.78	22.0	0.0
50	PI/2 BPSK	270	0	20.85	20.92	20.89		
50	QPSK	1	1	21.07	21.13	21.07	22.0	0.0
50	QPSK	1	135	20.88	21.10	21.02		
50	QPSK	1	268	20.90	21.06	21.01		
50	QPSK	135	0	20.75	20.83	20.68	22.0	0.0
50	QPSK	135	68	20.92	21.02	20.87	22.0	0.0
50	QPSK	135	135	20.75	20.77	20.55	22.0	0.0
50	QPSK	270	0	20.69	20.85	20.71		
50	16QAM	1	1	20.76	20.87	20.81	22.0	0.0
50	64QAM	1	1	20.81	20.84	20.72	22.0	0.0
50	256QAM	1	1	20.77	20.90	20.72	22.0	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.97	20.99	20.99	22.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	21.03	20.99	20.98	22.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.02	21.06	20.91	22.0	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	21.00	20.98	22.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.93	20.99	20.92	22.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.93	21.01	20.94	22.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.02	20.99	20.93	22.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.97	21.08	21.01	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	21.53	21.54	21.38	22.3	0.0
45	PI/2 BPSK	1	120	21.32	21.43	21.25		
45	PI/2 BPSK	1	240	21.31	21.42	21.26		
45	PI/2 BPSK	120	0	21.52	21.50	21.35	22.3	0.0
45	PI/2 BPSK	120	60	21.28	21.38	21.33	22.3	0.0
45	PI/2 BPSK	120	120	21.23	21.36	21.24	22.3	0.0
45	PI/2 BPSK	240	0	21.35	21.41	21.32		
45	QPSK	1	1	21.52	21.61	21.53	22.3	0.0
45	QPSK	1	120	21.35	21.52	21.45		
45	QPSK	1	240	21.45	21.58	21.48		
45	QPSK	120	0	21.20	21.19	21.24	22.3	0.0
45	QPSK	120	60	21.40	21.55	21.38	22.3	0.0
45	QPSK	120	120	21.14	21.19	21.01	22.3	0.0
45	QPSK	240	0	21.20	21.25	21.11		
45	16QAM	1	1	21.22	21.37	21.26	22.3	0.0
45	64QAM	1	1	21.21	21.29	21.12	22.3	0.0
45	256QAM	1	1	21.30	21.34	21.24	22.3	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.48	21.55	21.38	22.3	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.38	21.44	21.47	22.3	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.40	21.48	21.43	22.3	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.38	21.47	21.42	22.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.39	21.45	21.40	22.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.48	21.50	21.41	22.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.41	21.47	21.43	22.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.46	21.55	21.39	22.3	0.0

Reduced Power Mode for ECI 7_Other PA

n7 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.03	19.09	18.90	20.2	0.0
50	PI/2 BPSK	1	135	18.96	19.05	18.98		
50	PI/2 BPSK	1	268	19.03	19.03	18.90		
50	PI/2 BPSK	135	0	18.96	19.08	18.91	20.2	0.0
50	PI/2 BPSK	135	68	19.06	19.10	18.92	20.2	0.0
50	PI/2 BPSK	135	135	18.98	19.08	18.95	20.2	0.0
50	PI/2 BPSK	270	0	19.03	19.10	18.96		
50	QPSK	1	1	18.98	19.20	18.99	20.2	0.0
50	QPSK	1	135	19.02	19.10	18.91		
50	QPSK	1	268	18.98	19.04	18.93		
50	QPSK	135	0	19.01	19.09	18.90	20.2	0.0
50	QPSK	135	68	19.00	19.10	18.92	20.2	0.0
50	QPSK	135	135	19.04	19.09	18.91	20.2	0.0
50	QPSK	270	0	18.98	19.04	18.91		
50	16QAM	1	1	18.99	19.04	18.92	20.2	0.0
50	64QAM	1	1	18.97	19.10	18.98	20.2	0.0
50	256QAM	1	1	18.98	19.09	18.91	20.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.83	19.09	18.93	20.2	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	18.82	19.13	18.87	20.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.94	19.11	18.87	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	18.83	19.07	18.92	20.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.84	19.05	18.96	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	18.90	19.06	18.94	20.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.87	19.06	18.89	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	18.93	19.04	18.88	20.2	0.0

n66 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	18.68	18.82	18.63	19.9	0.0
45	PI/2 BPSK	1	120	18.74	18.79	18.65		
45	PI/2 BPSK	1	240	18.71	18.87	18.65		
45	PI/2 BPSK	120	0	18.64	18.78	18.65	19.9	0.0
45	PI/2 BPSK	120	60	18.70	18.80	18.67	19.9	0.0
45	PI/2 BPSK	120	120	18.72	18.85	18.57	19.9	0.0
45	PI/2 BPSK	240	0	18.65	18.85	18.64		
45	QPSK	1	1	18.67	18.90	18.60	19.9	0.0
45	QPSK	1	120	18.65	18.83	18.65		
45	QPSK	1	240	18.73	18.82	18.61		
45	QPSK	120	0	18.71	18.76	18.63	19.9	0.0
45	QPSK	120	60	18.71	18.85	18.58	19.9	0.0
45	QPSK	120	120	18.73	18.84	18.57	19.9	0.0
45	QPSK	240	0	18.73	18.80	18.68		
45	16QAM	1	1	18.65	18.82	18.59	19.9	0.0
45	64QAM	1	1	18.75	18.82	18.58	19.9	0.0
45	256QAM	1	1	18.70	18.81	18.63	19.9	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	18.53	18.75	18.45	19.9	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.63	18.80	18.52	19.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.63	18.86	18.49	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	18.57	18.85	18.54	19.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.56	18.80	18.44	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	18.53	18.76	18.45	19.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.62	18.82	18.46	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	18.64	18.85	18.44	19.9	0.0

n2 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	16.45	16.55	16.44	17.9	0.0
40	PI/2 BPSK	1	108	16.48	16.55	16.48		
40	PI/2 BPSK	1	214	16.41	16.54	16.45		
40	PI/2 BPSK	108	0	16.45	16.62	16.49	17.9	0.0
40	PI/2 BPSK	108	54	16.40	16.60	16.52	17.9	0.0
40	PI/2 BPSK	108	108	16.41	16.53	16.51	17.9	0.0
40	PI/2 BPSK	216	0	16.43	16.60	16.50		
40	QPSK	1	1	16.45	16.70	16.51	17.9	0.0
40	QPSK	1	108	16.47	16.53	16.48		
40	QPSK	1	214	16.49	16.61	16.45		
40	QPSK	108	0	16.44	16.53	16.44	17.9	0.0
40	QPSK	108	54	16.43	16.63	16.47	17.9	0.0
40	QPSK	108	108	16.45	16.56	16.53	17.9	0.0
40	QPSK	216	0	16.43	16.60	16.49		
40	16QAM	1	1	16.47	16.51	16.51	17.9	0.0
40	64QAM	1	1	16.39	16.53	16.44	17.9	0.0
40	256QAM	1	1	16.41	16.57	16.49	17.9	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	16.38	16.57	16.39	17.9	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	16.43	16.59	16.54	17.9	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	16.41	16.61	16.45	17.9	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	16.49	16.56	16.47	17.9	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.46	16.51	16.44	17.9	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.48	16.55	16.43	17.9	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.47	16.53	16.49	17.9	0.0

n7 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.94	18.00	17.82	19.3	0.0
50	PI/2 BPSK	1	135	17.92	18.04	17.83		
50	PI/2 BPSK	1	268	17.96	18.03	17.86		
50	PI/2 BPSK	135	0	17.92	18.05	17.83	19.3	0.0
50	PI/2 BPSK	135	68	17.93	18.01	17.86	19.3	0.0
50	PI/2 BPSK	135	135	17.96	18.10	17.90	19.3	0.0
50	PI/2 BPSK	270	0	17.97	18.07	17.84		
50	QPSK	1	1	17.98	18.15	17.80	19.3	0.0
50	QPSK	1	135	17.97	18.06	17.85		
50	QPSK	1	268	17.93	18.07	17.83		
50	QPSK	135	0	17.94	18.03	17.83	19.3	0.0
50	QPSK	135	68	17.96	18.07	17.91	19.3	0.0
50	QPSK	135	135	17.89	18.02	17.90	19.3	0.0
50	QPSK	270	0	17.96	18.02	17.90		
50	16QAM	1	1	18.01	18.00	17.81	19.3	0.0
50	64QAM	1	1	17.91	18.01	17.87	19.3	0.0
50	256QAM	1	1	17.94	18.11	17.85	19.3	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.93	18.01	17.79	19.3	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	17.82	18.07	17.67	19.3	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.97	18.01	17.85	19.3	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.91	18.00	17.79	19.3	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.97	18.06	17.83	19.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.94	18.00	17.90	19.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.95	18.10	17.91	19.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.95	18.10	17.80	19.3	0.0

n66 Ant4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	16.42	16.51	16.34	17.7	0.0
45	PI/2 BPSK	1	120	16.45	16.54	16.44		
45	PI/2 BPSK	1	240	16.49	16.54	16.40		
45	PI/2 BPSK	120	0	16.50	16.47	16.33	17.7	0.0
45	PI/2 BPSK	120	60	16.51	16.48	16.35	17.7	0.0
45	PI/2 BPSK	120	120	16.43	16.46	16.36	17.7	0.0
45	PI/2 BPSK	240	0	16.41	16.47	16.34		
45	QPSK	1	1	16.49	16.58	16.33	17.7	0.0
45	QPSK	1	120	16.41	16.50	16.33		
45	QPSK	1	240	16.50	16.53	16.37		
45	QPSK	120	0	16.44	16.47	16.39	17.7	0.0
45	QPSK	120	60	16.39	16.55	16.43	17.7	0.0
45	QPSK	120	120	16.48	16.47	16.37	17.7	0.0
45	QPSK	240	0	16.39	16.54	16.37		
45	16QAM	1	1	16.41	16.55	16.33	17.7	0.0
45	64QAM	1	1	16.40	16.51	16.40	17.7	0.0
45	256QAM	1	1	16.45	16.52	16.36	17.7	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	16.47	16.53	16.38	17.7	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	16.32	16.44	16.24	17.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.50	16.50	16.42	17.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.45	16.47	16.36	17.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.40	16.57	16.40	17.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.40	16.57	16.40	17.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.42	16.47	16.34	17.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.46	16.48	16.39	17.7	0.0

				Default Power Extremity		Head Standalone		Head Simultaneous		Body worn Standalone		Body worn Simultaneous		Hotspot		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.44	20.00	15.79	17.00	10.61	12.00	18.24	19.50	13.24	14.50	14.62	16.00	99.14
		6	2437	18.51	20.00	15.81	17.00	10.72	12.00	18.36	19.50	13.36	14.50	14.71	16.00	
		11	2462	18.37	20.00	15.73	17.00	10.59	12.00	18.19	19.50	13.19	14.50	14.58	16.00	
	802.11g 6Mbps	1	2412	18.57	20.00		17.00		12.00		19.50		14.50		16.00	96.97
		6	2437	18.48	20.00		17.00		12.00		19.50		14.50		16.00	
		11	2462	14.98	16.50		17.00		12.00		19.50		14.50		16.00	
	802.11n-HT20 MCS0	1	2412	18.59	20.00		17.00		12.00		19.50		14.50		16.00	96.76
		6	2437	18.46	20.00		17.00		12.00		19.50		14.50		16.00	
		11	2462	13.62	15.00		17.00		12.00		19.50		14.50		16.00	
	802.11n-HT40 MCS0	3	2422	16.86	18.50		17.00		12.00		18.50		14.50		16.00	93.71
		6	2437	14.73	16.00		16.00		12.00		16.00		14.50		16.00	
		9	2452	12.71	14.50		14.50		12.00		14.50		14.50		14.50	
	802.11ax-HE20 MCS0	1	2412	18.69	20.00		17.00		12.00		19.50		14.50		16.00	95.90
		6	2437	18.56	20.00		17.00		12.00		19.50		14.50		16.00	
		11	2462	13.90	15.50		15.50		12.00		15.50		14.50		15.50	
	802.11ax-HE40 MCS0	3	2422	17.05	18.50		17.00		12.00		18.50		14.50		16.00	92.46
		6	2437	14.96	16.50		16.50		12.00		16.50		14.50		16.00	
		9	2452	12.91	14.50		14.50		12.00		14.50		14.50		14.50	

<5.2GHz WLAN>

				Default Power		Head Standalone Body worn Standalone		Head&Body worn Simultaneous		Extremity Standalone		Extremity Simultaneous		Hotspot		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	18.06	19.50		14.50		10.00	17.00	19.00		15.00		14.00	96.96
		40	5200	18.11	19.50		14.50		10.00	17.10	19.00		15.00		14.00	
		44	5220	18.06	19.50		14.50		10.00	17.00	19.00		15.00		14.00	
		48	5240	18.24	19.50		14.50		10.00	17.24	19.00		15.00		14.00	
	802.11n-HT20 MCS0	36	5180	17.65	18.50		14.50		10.00		18.50		15.00		14.00	96.95
		40	5200	18.15	19.50		14.50		10.00		19.00		15.00		14.00	
		44	5220	18.07	19.50		14.50		10.00		19.00		15.00		14.00	
		48	5240	18.06	19.50		14.50		10.00		19.00		15.00		14.00	
	802.11n-HT40 MCS0	38	5190	14.69	16.00		14.50		10.00	14.69	16.00		15.00		14.00	93.28
		46	5230	17.29	19.00		14.50		10.00	17.29	19.00		15.00		14.00	
	802.11ac-VHT20 MCS0	36	5180	17.17	18.50		14.50		10.00		18.50		15.00		14.00	96.79
		40	5200	18.18	19.50		14.50		10.00		19.00		15.00		14.00	
		44	5220	18.12	19.50		14.50		10.00		19.00		15.00		14.00	
		48	5240	18.12	19.50		14.50		10.00		19.00		15.00		14.00	
	802.11ac-VHT40 MCS0	38	5190	14.81	16.50		14.50		10.00		16.50		15.00		14.00	93.36
		46	5230	17.36	19.00		14.50		10.00		19.00		15.00		14.00	
	802.11ac-VHT80 MCS0	42	5210	14.35	16.00	13.36	14.50	8.45	10.00		18.00	13.21	15.00	12.59	14.00	87.50
	802.11ax-HE20 MCS0	36	5180	17.29	18.50		14.50		10.00		19.00		15.00		14.00	95.88
		40	5200	18.29	19.50		14.50		10.00		19.00		15.00		14.00	
		44	5220	18.23	19.50		14.50		10.00		19.00		15.00		14.00	
		48	5240	18.21	19.50		14.50		10.00		19.00		15.00		14.00	
	802.11ax-HE40 MCS0	38	5190	14.99	16.50		14.50		10.00		16.50		15.00		14.00	92.04
		46	5230	17.47	19.00		14.50		10.00		19.00		15.00		14.00	
	802.11ax-HE80 MCS0	42	5210	14.49	16.00		14.50		10.00		16.00		15.00		14.00	86.09

<5.3GHz WLAN>

				Default Power		Head Standalone Body worn Standalone		Head&Body worn Simultaneous		Extremity Standalone		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	18.20	19.50		14.50		10.00	17.21	19.00		14.00	96.96
		56	5280	18.23	19.50		14.50		10.00	17.22	19.00		14.00	
		60	5300	18.28	19.50		14.50		10.00	17.29	19.00		14.00	
		64	5320	18.30	19.50		14.50		10.00	17.30	19.00		14.00	
	802.11n-HT20 MCS0	52	5260	18.13	19.50		14.50		10.00		19.00		14.00	96.95
		56	5280	18.17	19.50		14.50		10.00		19.00		14.00	
		60	5300	18.25	19.50		14.50		10.00		19.00		14.00	
		64	5320	16.08	17.50		14.50		10.00		17.50		14.00	
	802.11n-HT40 MCS0	54	5270	17.42	19.00		14.50		10.00	17.42	19.00		14.00	93.28
		62	5310	14.52	16.00		14.50		10.00	14.52	16.00		14.00	
	802.11ac-VHT20 MCS0	52	5260	18.18	19.50		14.50		10.00		19.00		14.00	96.79
		56	5280	18.25	19.50		14.50		10.00		19.00		14.00	
		60	5300	18.28	19.50		14.50		10.00		19.00		14.00	
		64	5320	16.15	17.50		14.50		10.00		17.50		14.00	
	802.11ac-VHT40 MCS0	54	5270	17.49	19.00		14.50		10.00		19.00		14.00	93.36
		62	5310	14.51	16.00		14.50		10.00		16.00		14.00	
	802.11ac-VHT80 MCS0	58	5290	13.53	15.00	13.53	14.50	8.74	10.00		15.00	12.61	14.00	87.50
	802.11ax-HE20 MCS0	52	5260	18.25	19.50		14.50		10.00		19.00		14.00	95.88
		56	5280	18.35	19.50		14.50		10.00		19.00		14.00	
		60	5300	18.34	19.50		14.50		10.00		19.00		14.00	
		64	5320	16.22	17.50		14.50		10.00		17.50		14.00	
	802.11ax-HE40 MCS0	54	5270	17.61	19.00		14.50		10.00		19.00		14.00	92.04
		62	5310	14.81	16.50		14.50		10.00		16.50		14.00	
	802.11ax-HE80 MCS0	58	5290	13.67	16.00		14.50		10.00		16.00		14.00	86.09

<5.5GHz WLAN>

				Default Power		Head Standalone		Head&Body worn Simultaneous		Body worn Standalone		Extremity Standalone		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	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.01	19.50		16.00		12.00		16.50		19.00		14.00	96.96
		116	5580	18.07	19.50		16.00		12.00		16.50		19.00		14.00	
		124	5620	17.98	19.50		16.00		12.00		16.50		19.00		14.00	
		132	5660	17.88	19.50		16.00		12.00		16.50		19.00		14.00	
		140	5700	17.54	19.00		16.00		12.00		16.50		19.00		14.00	
		144	5720	17.96	19.50		16.00		12.00		16.50		19.00		14.00	
	802.11n-HT20 MCS0	100	5500	17.49	19.00		16.00		12.00		16.50		19.00		14.00	96.95
		116	5580	18.08	19.50		16.00		12.00		16.50		19.00		14.00	
		124	5620	17.92	19.50		16.00		12.00		16.50		19.00		14.00	
		132	5660	17.94	19.50		16.00		12.00		16.50		19.00		14.00	
		140	5700	15.85	17.50		16.00		12.00		16.50		17.50		14.00	
		144	5720	17.88	19.50		16.00		12.00		16.50		19.00		14.00	
	802.11n-HT40 MCS0	102	5510	18.11	17.50		16.00		12.00		16.50	18.11	17.50		14.00	93.28
		110	5550	17.19	19.00		16.00		12.00		16.50	17.19	19.00		14.00	
		126	5630	17.25	19.00		16.00		12.00		16.50	17.25	19.00		14.00	
		134	5670	17.15	19.00		16.00		12.00		16.50	17.15	19.00		14.00	
		142	5710	17.10	19.00		16.00		12.00		16.50	17.10	19.00		14.00	
	802.11ac-VHT20 MCS0	100	5500	17.63	19.00		16.00		12.00		16.50		19.00		14.00	96.79
		116	5580	18.11	19.50		16.00		12.00		16.50		19.00		14.00	
		124	5620	17.97	19.50		16.00		12.00		16.50		19.00		14.00	
		132	5660	18.00	19.50		16.00		12.00		16.50		19.00		14.00	
		140	5700	15.97	17.50		16.00		12.00		16.50		17.50		14.00	
		144	5720	17.92	19.50		16.00		12.00		16.50		19.00		14.00	
	802.11ac-VHT40 MCS0	102	5510	16.23	17.50		16.00		12.00		16.50		17.50		14.00	93.36
		110	5550	17.25	19.00		16.00		12.00		16.50		19.00		14.00	
		126	5630	17.32	19.00		16.00		12.00		16.50		19.00		14.00	
		134	5670	17.18	19.00		16.00		12.00		16.50		19.00		14.00	
		142	5710	17.17	19.00		16.00		12.00		16.50		19.00		14.00	
	802.11ac-VHT80 MCS0	106	5530	14.79	16.50	14.16	16.00	10.27	12.00	14.66	16.50		16.50	12.19	14.00	87.50
		122	5610	16.27	18.00	14.37	16.00	10.39	12.00	14.72	16.50		18.00	12.26	14.00	
		138	5690	16.17	18.00	14.16	16.00	10.24	12.00	14.62	16.50		18.00	12.16	14.00	
	802.11ax-HE20 MCS0	100	5500	17.79	19.50		16.00		12.00		16.50		19.00		14.00	95.88
		116	5580	18.21	19.50		16.00		12.00		16.50		19.00		14.00	
		124	5620	18.06	19.50		16.00		12.00		16.50		19.00		14.00	
		132	5660	18.07	19.50		16.00		12.00		16.50		19.00		14.00	
		140	5700	16.16	17.50		16.00		12.00		16.50		17.50		14.00	
		144	5720	18.01	19.50		16.00		12.00		16.50		19.00		14.00	
	802.11ax-HE40 MCS0	102	5510	16.41	18.00		16.00		12.00		16.50		19.00		14.00	92.04
		110	5550	17.37	19.00		16.00		12.00		16.50		19.00		14.00	
		126	5630	17.41	19.00		16.00		12.00		16.50		19.00		14.00	
		134	5670	17.26	19.00		16.00		12.00		16.50		19.00		14.00	
		142	5710	17.28	19.00		16.00		12.00		16.50		19.00		14.00	
	802.11ax-HE80 MCS0	106	5530	14.93	16.50		16.00		12.00		16.50		16.50		14.00	86.09
		122	5610	16.38	18.00		16.00		12.00		16.50		18.00		14.00	
		138	5690	16.27	18.00		16.00		12.00		16.50		18.00		14.00	

<5.8GHz WLAN>

				Default Power		Head Standalone		Head Simultaneous		Body worn Standalone		Body worn Simultaneous		Hotspot		Extremity Standalone		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 %
5.8GHz WLAN	802.11a 6Mbps	149	5745	17.92	19.50		15.50		10.50		17.50		12.50		14.00	16.98	18.50		13.00	96.96
		157	5785	17.90	19.50		15.50		10.50		17.50		12.50		14.00	16.83	18.50		13.00	
		165	5825	17.76	19.50		15.50		10.50		17.50		12.50		14.00	16.80	18.50		13.00	
	802.11n-HT20 MCS0	149	5745	17.81	19.50		15.50		10.50		17.50		12.50		14.00		18.50		13.00	96.95
		157	5785	17.84	19.50		15.50		10.50		17.50		12.50		14.00		18.50		13.00	
		165	5825	17.81	19.50		15.50		10.50		17.50		12.50		14.00		18.50		13.00	
	802.11n-HT40 MCS0	151	5755	17.18	19.00		15.50		10.50		17.50		12.50		14.00	17.18	18.50		13.00	93.28
		159	5795	17.02	19.00		15.50		10.50		17.50		12.50		14.00	17.02	18.50		13.00	
	802.11ac-VHT20 MCS0	149	5745	17.88	19.50		15.50		10.50		17.50		12.50		14.00		18.50		13.00	96.79
		157	5785	17.87	19.50		15.50		10.50		17.50		12.50		14.00		18.50		13.00	
		165	5825	17.85	19.50		15.50		10.50		17.50		12.50		14.00		18.50		13.00	
	802.11ac-VHT40 MCS0	151	5755	17.24	19.00		15.50		10.50		17.50		12.50		14.00		18.50		13.00	93.36
		159	5795	17.04	19.00		15.50		10.50		17.50		12.50		14.00		18.50		13.00	
	802.11ac-VHT80 MCS0	155	5775	16.20	18.00	13.61	15.50	8.69	10.50	15.66	17.50	10.71	12.50	12.32	14.00		18.00	11.39	13.00	87.50
	802.11ax-HE20 MCS0	149	5745	17.97	19.50		15.50		10.50		17.50		12.50		14.00		18.50		13.00	95.88
		157	5785	17.96	19.50		15.50		10.50		17.50		12.50		14.00		18.50		13.00	
		165	5825	17.92	19.50		15.50		10.50		17.50		12.50		14.00		18.50		13.00	
	802.11ax-HE40 MCS0	151	5755	17.34	19.00		15.50		10.50		17.50		12.50		14.00		18.50		13.00	92.04
		159	5795	17.15	19.00		15.50		10.50		17.50		12.50		14.00		18.50		13.00	
	802.11ax-HE80 MCS0	155	5775	16.33	18.00		15.50		10.50		17.50		12.50		14.00		18.00		13.00	86.09

BT BR/EDR Ant1 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)			Head		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	16.09	14.21	13.97	12.13	10.52	10.39
	CH 39	2441	15.25	13.36	13.03	11.75	9.61	9.45
	CH 78	2480	16.21	14.47	14.31	12.62	10.56	10.66
Tune-up Limit			17.00	15.00	15.00	13.50	11.50	11.50

BLE_1M Ant1 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	6.92
	CH 19	2440	6.74
	CH 39	2480	6.87
Tune-up Limit			8.00

BLE_2M Ant1 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	6.87
	CH 19	2440	6.73
	CH 39	2480	6.96
Tune-up Limit			8.00