Full&Default Power Mode

GSM850 Ant 0 Default

GSM850	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	31.55	31.66	33.50	22.75	22.55	22.66	24.50
GPRS 1 Tx slot	31.81	31.61	31.78	33.50	22.81	22.61	22.78	24.50
GPRS 2 Tx slots	30.56	30.14	30.51	31.50	24.56	24.14	24.51	25.50
GPRS 3 Tx slots	27.34	27.25	27.33	29.00	23.08	22.99	23.07	24.74
GPRS 4 Tx slots	25.09	25.11	25.05	27.00	22.09	22.11	22.05	24.00
EDGE 1 Tx slot	24.75	24.65	24.56	25.50	15.75	15.65	15.56	16.50
EDGE 2 Tx slots	22.84	22.90	22.99	24.00	16.84	16.90	16.99	18.00
EDGE 3 Tx slots	20.52	20.37	20.36	22.00	16.26	16.11	16.10	17.74
EDGE 4 Tx slots	18.42	18.44	18.76	20.00	15.42	15.44	15.76	17.00

WCDMA V Ant 0 Default

Band		WCDMA V			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	22.24	22.38	22.26	24.00
3GPP Rel 99	RMC 12.2Kbps	22.39	22.43	22.29	24.00
3GPP Rel 6	HSDPA Subtest-1	21.22	21.33	21.18	23.00
3GPP Rel 6	HSDPA Subtest-2	22.13	22.22	22.22	23.00
3GPP Rel 6	HSDPA Subtest-3	21.84	21.81	21.68	22.50
3GPP Rel 6	HSDPA Subtest-4	21.78	21.80	21.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.30	21.32	21.20	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.26	22.18	22.14	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.82	21.90	21.67	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.79	21.74	21.69	22.50
3GPP Rel 6	HSUPA Subtest-1	22.08	22.14	22.06	23.00
3GPP Rel 6	HSUPA Subtest-2	20.30	20.32	20.23	21.00
3GPP Rel 6	HSUPA Subtest-3	21.30	21.34	21.23	22.00
3GPP Rel 6	HSUPA Subtest-4	20.28	20.24	20.19	21.00
3GPP Rel 6	HSUPA Subtest-5	21.31	21.24	21.20	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.76	19.68	19.72	20.50

Band 5 Ant0 Default

BW [MHz]	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	22.61	22.70	22.58	24	0
10	QPSK	1	25	22.60	22.66	22.60		
10	QPSK	1	49	22.41	22.54	22.43		
10	QPSK	25	0	21.56	21.66	21.55	23	1
10	QPSK	25	12	21.57	21.63	21.57		
10	QPSK	25	25	21.59	21.65	21.59		
10	QPSK	50	0	21.41	21.51	21.44		
10	16QAM	1	0	21.78	21.85	21.79	23	1
10	16QAM	1	25	21.73	21.78	21.73		
10	16QAM	1	49	21.79	21.82	21.79		
10	16QAM	25	0	20.51	20.59	20.55	22	2
10	16QAM	25	12	20.54	20.61	20.49		
10	16QAM	25	25	20.57	20.61	20.58		
10	16QAM	50	0	20.56	20.59	20.50		
10	64QAM	1	0	20.66	20.75	20.68	22	2
10	64QAM	1	25	20.88	20.92	20.84		
10	64QAM	1	49	20.68	20.71	20.60		
10	64QAM	25	0	19.53	19.57	19.50	21	3
10	64QAM	25	12	19.57	19.60	19.56		
10	64QAM	25	25	19.62	19.67	19.58		
10	64QAM	50	0	19.52	19.57	19.47		
10	256QAM	1	0	17.75	17.81	17.78	19	5
10	256QAM	1	25	17.65	17.69	17.67		
10	256QAM	1	49	17.62	17.73	17.70		
10	256QAM	25	0	17.58	17.67	17.62	19	5
10	256QAM	25	12	17.58	17.61	17.61		
10	256QAM	25	25	17.59	17.55	17.56		
10	256QAM	50	0	17.59	17.61	17.57		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.50	22.59	22.54	24	0
5	QPSK	1	12	22.57	22.61	22.54		
5	QPSK	1	24	22.31	22.49	22.30		
5	QPSK	12	0	21.50	21.57	21.43	23	1
5	QPSK	12	7	21.55	21.57	21.49		
5	QPSK	12	13	21.53	21.56	21.55		
5	QPSK	25	0	21.29	21.49	21.32		
5	16QAM	1	0	21.76	21.79	21.77	23	1
5	16QAM	1	12	21.65	21.72	21.63		
5	16QAM	1	24	21.68	21.69	21.75		
5	16QAM	12	0	20.40	20.49	20.43	22	2
5	16QAM	12	7	20.48	20.53	20.46		
5	16QAM	12	13	20.52	20.53	20.45		
5	16QAM	25	0	20.48	20.46	20.38		
5	64QAM	1	0	20.57	20.65	20.63	22	2
5	64QAM	1	12	20.82	20.89	20.73		
5	64QAM	1	24	20.63	20.58	20.51		
5	64QAM	12	0	19.46	19.50	19.38	21	3
5	64QAM	12	7	19.54	19.56	19.47		
5	64QAM	12	13	19.49	19.53	19.47		
5	64QAM	25	0	19.39	19.49	19.35		
5	256QAM	1	0	17.70	17.67	17.74	19	5
5	256QAM	1	12	17.53	17.58	17.60		
5	256QAM	1	24	17.55	17.64	17.60		
5	256QAM	12	0	17.44	17.53	17.49	19	5
5	256QAM	12	7	17.50	17.53	17.55		
5	256QAM	12	13	17.56	17.53	17.53		
5	256QAM	25	0	17.56	17.50	17.50		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.50	22.61	22.48	24	0
3	QPSK	1	8	22.46	22.63	22.53		
3	QPSK	1	14	22.29	22.40	22.30		
3	QPSK	8	0	21.44	21.61	21.45	23	1
3	QPSK	8	4	21.48	21.60	21.46		
3	QPSK	8	7	21.47	21.59	21.47		
3	QPSK	15	0	21.37	21.41	21.31		
3	16QAM	1	0	21.76	21.72	21.68	23	1
3	16QAM	1	8	21.68	21.67	21.67		
3	16QAM	1	14	21.71	21.71	21.71		
3	16QAM	8	0	20.40	20.53	20.45	22	2
3	16QAM	8	4	20.48	20.48	20.46		
3	16QAM	8	7	20.48	20.48	20.47		
3	16QAM	15	0	20.50	20.47	20.47		
3	64QAM	1	0	20.55	20.72	20.61	22	2
3	64QAM	1	8	20.78	20.82	20.80		
3	64QAM	1	14	20.66	20.69	20.58		
3	64QAM	8	0	19.45	19.43	19.38	21	3
3	64QAM	8	4	19.46	19.57	19.50		
3	64QAM	8	7	19.52	19.59	19.48		
3	64QAM	15	0	19.39	19.45	19.39		
3	256QAM	1	0	17.65	17.76	17.75	19	5
3	256QAM	1	8	17.62	17.58	17.57		
3	256QAM	1	14	17.57	17.71	17.56		
3	256QAM	8	0	17.49	17.65	17.57	19	5
3	256QAM	8	4	17.55	17.54	17.57		
3	256QAM	8	7	17.56	17.44	17.50		
3	256QAM	15	0	17.52	17.53	17.46		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.53	22.64	22.45	24	0
1.4	QPSK	1	3	22.49	22.59	22.56		
1.4	QPSK	1	5	22.29	22.45	22.31		
1.4	QPSK	3	0	22.52	22.63	22.48		
1.4	QPSK	3	1	22.56	22.54	22.57		
1.4	QPSK	3	3	22.27	22.50	22.31		
1.4	QPSK	6	0	21.45	21.63	21.47	23	1
1.4	16QAM	1	0	21.52	21.49	21.49	23	1
1.4	16QAM	1	3	21.47	21.59	21.55		
1.4	16QAM	1	5	21.44	21.53	21.41		
1.4	16QAM	3	0	21.52	21.59	21.49		
1.4	16QAM	3	1	21.53	21.57	21.51		
1.4	16QAM	3	3	21.48	21.63	21.53		
1.4	16QAM	6	0	20.45	20.54	20.49	22	2
1.4	64QAM	1	0	20.46	20.53	20.39	22	2
1.4	64QAM	1	3	20.53	20.53	20.47		
1.4	64QAM	1	5	20.54	20.52	20.48		
1.4	64QAM	3	0	20.46	20.51	20.43		
1.4	64QAM	3	1	20.50	20.52	20.41		
1.4	64QAM	3	3	20.54	20.55	20.46		
1.4	64QAM	6	0	19.39	19.49	19.36	21	3
1.4	256QAM	1	0	17.65	17.77	17.72	19	5
1.4	256QAM	1	3	17.59	17.59	17.54		
1.4	256QAM	1	5	17.60	17.70	17.57		
1.4	256QAM	3	0	17.54	17.60	17.51		
1.4	256QAM	3	1	17.46	17.53	17.49		
1.4	256QAM	3	3	17.45	17.43	17.43		
1.4	256QAM	6	0	17.51	17.47	17.48	19	5

Band 26 Ant0 Default

BW [MHz]	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	22.51	22.60	22.49	24	0
15	QPSK	1	37	22.44	22.55	22.40		
15	QPSK	1	74	22.48	22.51	22.40		
15	QPSK	36	0	21.38	21.48	21.42	23	1
15	QPSK	36	20	21.41	21.42	21.42		
15	QPSK	36	39	21.39	21.38	21.36		
15	QPSK	75	0	21.35	21.45	21.34		
15	16QAM	1	0	21.81	21.88	21.79	23	1
15	16QAM	1	37	21.83	21.84	21.78		
15	16QAM	1	74	21.81	21.76	21.82		
15	16QAM	36	0	20.38	20.49	20.36	22	2
15	16QAM	36	20	20.30	20.41	20.28		
15	16QAM	36	39	20.37	20.40	20.36		
15	16QAM	75	0	20.28	20.39	20.36		
15	64QAM	1	0	20.51	20.57	20.49	22	2
15	64QAM	1	37	20.48	20.57	20.53		
15	64QAM	1	74	20.34	20.38	20.31		
15	64QAM	36	0	19.52	19.59	19.54	21	3
15	64QAM	36	20	19.47	19.53	19.48		
15	64QAM	36	39	19.41	19.53	19.48		
15	64QAM	75	0	19.39	19.49	19.39		
15	256QAM	1	0	17.53	17.63	17.51	19	5
15	256QAM	1	37	17.51	17.58	17.50		
15	256QAM	1	74	17.50	17.56	17.45		
15	256QAM	36	0	17.53	17.57	17.49	19	5
15	256QAM	36	20	17.42	17.52	17.40		
15	256QAM	36	39	17.51	17.56	17.47		
15	256QAM	75	0	17.51	17.56	17.49		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.41	22.56	22.39	24	0
10	QPSK	1	25	22.33	22.47	22.30		
10	QPSK	1	49	22.42	22.42	22.28		
10	QPSK	25	0	21.25	21.43	21.34	23	1
10	QPSK	25	12	21.39	21.34	21.33		
10	QPSK	25	25	21.34	21.31	21.31		
10	QPSK	50	0	21.26	21.42	21.28		
10	16QAM	1	0	21.77	21.82	21.70	23	1
10	16QAM	1	25	21.81	21.81	21.72		
10	16QAM	1	49	21.76	21.71	21.69		
10	16QAM	25	0	20.29	20.40	20.32	22	2
10	16QAM	25	12	20.17	20.32	20.23		
10	16QAM	25	25	20.31	20.30	20.23		
10	16QAM	50	0	20.16	20.30	20.22		
10	64QAM	1	0	20.39	20.54	20.36	22	2
10	64QAM	1	25	20.35	20.46	20.42		
10	64QAM	1	49	20.26	20.26	20.26		
10	64QAM	25	0	19.44	19.50	19.49	21	3
10	64QAM	25	12	19.44	19.45	19.38		
10	64QAM	25	25	19.37	19.40	19.35		
10	64QAM	50	0	19.29	19.42	19.29		
10	256QAM	1	0	17.44	17.53	17.46	19	5
10	256QAM	1	25	17.44	17.55	17.38		
10	256QAM	1	49	17.38	17.53	17.34		
10	256QAM	25	0	17.45	17.49	17.44	19	5
10	256QAM	25	12	17.31	17.43	17.28		
10	256QAM	25	25	17.43	17.54	17.34		
10	256QAM	50	0	17.42	17.44	17.36		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.46	22.50	22.39	24	0
5	QPSK	1	12	22.42	22.48	22.36		
5	QPSK	1	24	22.40	22.42	22.35		
5	QPSK	12	0	21.28	21.40	21.38	23	1
5	QPSK	12	7	21.33	21.38	21.33		
5	QPSK	12	13	21.32	21.33	21.33		
5	QPSK	25	0	21.23	21.33	21.21		
5	16QAM	1	0	21.72	21.75	21.70	23	1
5	16QAM	1	12	21.77	21.74	21.66		
5	16QAM	1	24	21.72	21.71	21.78		
5	16QAM	12	0	20.34	20.41	20.25	22	2
5	16QAM	12	7	20.20	20.29	20.24		
5	16QAM	12	13	20.27	20.35	20.27		
5	16QAM	25	0	20.25	20.37	20.26		
5	64QAM	1	0	20.42	20.53	20.37	22	2
5	64QAM	1	12	20.44	20.48	20.40		
5	64QAM	1	24	20.24	20.25	20.21		
5	64QAM	12	0	19.47	19.55	19.51	21	3
5	64QAM	12	7	19.45	19.40	19.36		
5	64QAM	12	13	19.33	19.43	19.44		
5	64QAM	25	0	19.34	19.41	19.36		
5	256QAM	1	0	17.47	17.51	17.45	19	5
5	256QAM	1	12	17.49	17.48	17.42		
5	256QAM	1	24	17.40	17.48	17.35		
5	256QAM	12	0	17.45	17.46	17.35	19	5
5	256QAM	12	7	17.28	17.49	17.27		
5	256QAM	12	13	17.38	17.48	17.41		
5	256QAM	25	0	17.38	17.45	17.46		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.42	22.49	22.38	24	0
3	QPSK	1	8	22.37	22.53	22.35		
3	QPSK	1	14	22.41	22.45	22.29		
3	QPSK	8	0	21.35	21.37	21.30	23	1
3	QPSK	8	4	21.35	21.29	21.35		
3	QPSK	8	7	21.25	21.25	21.26		
3	QPSK	15	0	21.28	21.35	21.29		
3	16QAM	1	0	21.70	21.79	21.73	23	1
3	16QAM	1	8	21.70	21.79	21.71		
3	16QAM	1	14	21.68	21.70	21.79		
3	16QAM	8	0	20.34	20.42	20.22	22	2
3	16QAM	8	4	20.19	20.33	20.20		
3	16QAM	8	7	20.28	20.36	20.27		
3	16QAM	15	0	20.23	20.36	20.30		
3	64QAM	1	0	20.44	20.52	20.35	22	2
3	64QAM	1	8	20.37	20.43	20.50		
3	64QAM	1	14	20.25	20.25	20.20		
3	64QAM	8	0	19.41	19.55	19.41	21	3
3	64QAM	8	4	19.43	19.40	19.45		
3	64QAM	8	7	19.35	19.46	19.41		
3	64QAM	15	0	19.32	19.38	19.35		
3	256QAM	1	0	17.48	17.59	17.44	19	5
3	256QAM	1	8	17.48	17.46	17.42		
3	256QAM	1	14	17.40	17.45	17.42		
3	256QAM	8	0	17.49	17.50	17.38	19	5
3	256QAM	8	4	17.34	17.45	17.32		
3	256QAM	8	7	17.41	17.53	17.39		
3	256QAM	15	0	17.46	17.48	17.47		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.28	22.40	22.21	24	0
1.4	QPSK	1	3	22.23	22.40	22.38		
1.4	QPSK	1	5	22.13	22.29	22.13		
1.4	QPSK	3	0	22.34	22.47	22.23		
1.4	QPSK	3	1	22.41	22.33	22.34		
1.4	QPSK	3	3	22.03	22.25	22.07		
1.4	QPSK	6	0	21.31	21.39	21.32	23	1
1.4	16QAM	1	0	21.32	21.29	21.28	23	1
1.4	16QAM	1	3	21.27	21.42	21.32		
1.4	16QAM	1	5	21.27	21.30	21.21		
1.4	16QAM	3	0	21.36	21.40	21.34		
1.4	16QAM	3	1	21.32	21.40	21.34		
1.4	16QAM	3	3	21.22	21.40	21.38		
1.4	16QAM	6	0	20.31	20.32	20.34	22	2
1.4	64QAM	1	0	20.21	20.29	20.25	22	2
1.4	64QAM	1	3	20.29	20.29	20.23		
1.4	64QAM	1	5	20.37	20.31	20.26		
1.4	64QAM	3	0	20.23	20.26	20.27		
1.4	64QAM	3	1	20.33	20.27	20.21		
1.4	64QAM	3	3	20.31	20.36	20.26		
1.4	64QAM	6	0	19.15	19.27	19.11	21	3
1.4	256QAM	1	0	17.50	17.54	17.57	19	5
1.4	256QAM	1	3	17.39	17.40	17.29		
1.4	256QAM	1	5	17.45	17.52	17.36		
1.4	256QAM	3	0	17.32	17.44	17.37		
1.4	256QAM	3	1	17.23	17.33	17.31		
1.4	256QAM	3	3	17.28	17.25	17.26		
1.4	256QAM	6	0	17.26	17.25	17.32	19	5

Band 71 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.44	22.47	22.43	24	0
20	QPSK	1	49	22.27	22.37	22.28		
20	QPSK	1	99	22.31	22.34	22.27		
20	QPSK	50	0	21.40	21.50	21.42	23	1
20	QPSK	50	24	21.31	21.42	21.38		
20	QPSK	50	50	21.34	21.44	21.38		
20	QPSK	100	0	21.34	21.43	21.38		
20	16QAM	1	0	21.65	21.72	21.62	23	1
20	16QAM	1	49	21.52	21.64	21.52		
20	16QAM	1	99	21.63	21.67	21.56		
20	16QAM	50	0	20.43	20.52	20.45	22	2
20	16QAM	50	24	20.37	20.44	20.34		
20	16QAM	50	50	20.41	20.45	20.35		
20	16QAM	100	0	20.36	20.42	20.34		
20	64QAM	1	0	20.45	20.51	20.45	22	2
20	64QAM	1	49	20.33	20.46	20.42		
20	64QAM	1	99	20.30	20.41	20.35		
20	64QAM	50	0	19.42	19.49	19.41	21	3
20	64QAM	50	24	19.28	19.39	19.36		
20	64QAM	50	50	19.31	19.41	19.29		
20	64QAM	100	0	19.38	19.46	19.40		
20	256QAM	1	0	17.54	17.59	17.51	19	5
20	256QAM	1	49	17.38	17.49	17.43		
20	256QAM	1	99	17.50	17.54	17.41		
20	256QAM	50	0	17.38	17.44	17.38	19	5
20	256QAM	50	24	17.45	17.51	17.46		
20	256QAM	50	50	17.47	17.52	17.41		
20	256QAM	100	0	17.50	17.54	17.47		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.32	22.34	22.30	24	0
15	QPSK	1	37	22.18	22.27	22.19		
15	QPSK	1	74	22.22	22.29	22.21		
15	QPSK	36	0	21.32	21.48	21.34	23	1
15	QPSK	36	20	21.28	21.31	21.25		
15	QPSK	36	39	21.30	21.36	21.27		
15	QPSK	75	0	21.25	21.36	21.25		
15	16QAM	1	0	21.57	21.61	21.50	23	1
15	16QAM	1	37	21.42	21.50	21.43		
15	16QAM	1	74	21.51	21.55	21.48		
15	16QAM	36	0	20.37	20.46	20.31	22	2
15	16QAM	36	20	20.23	20.38	20.22		
15	16QAM	36	39	20.32	20.37	20.28		
15	16QAM	75	0	20.23	20.28	20.20		
15	64QAM	1	0	20.37	20.38	20.36	22	2
15	64QAM	1	37	20.21	20.34	20.32		
15	64QAM	1	74	20.17	20.30	20.30		
15	64QAM	36	0	19.33	19.35	19.28	21	3
15	64QAM	36	20	19.14	19.36	19.26		
15	64QAM	36	39	19.19	19.33	19.17		
15	64QAM	75	0	19.30	19.44	19.35		
15	256QAM	1	0	17.52	17.47	17.39	19	5
15	256QAM	1	37	17.35	17.41	17.31		
15	256QAM	1	74	17.45	17.48	17.28		
15	256QAM	36	0	17.30	17.35	17.28	19	5
15	256QAM	36	20	17.35	17.40	17.35		
15	256QAM	36	39	17.34	17.43	17.34		
15	256QAM	75	0	17.36	17.47	17.39		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.38	22.33	22.40	24	0
10	QPSK	1	25	22.20	22.28	22.19		
10	QPSK	1	49	22.22	22.23	22.23		
10	QPSK	25	0	21.29	21.46	21.40	23	1
10	QPSK	25	12	21.22	21.31	21.27		
10	QPSK	25	25	21.23	21.32	21.30		
10	QPSK	50	0	21.28	21.38	21.24		
10	16QAM	1	0	21.54	21.61	21.57	23	1
10	16QAM	1	25	21.45	21.56	21.45		
10	16QAM	1	49	21.56	21.60	21.50		
10	16QAM	25	0	20.35	20.48	20.41	22	2
10	16QAM	25	12	20.34	20.42	20.26		
10	16QAM	25	25	20.37	20.38	20.25		
10	16QAM	50	0	20.33	20.30	20.22		
10	64QAM	1	0	20.37	20.38	20.37	22	2
10	64QAM	1	25	20.28	20.33	20.36		
10	64QAM	1	49	20.24	20.28	20.27		
10	64QAM	25	0	19.39	19.37	19.36	21	3
10	64QAM	25	12	19.26	19.35	19.24		
10	64QAM	25	25	19.17	19.37	19.20		
10	64QAM	50	0	19.27	19.44	19.36		
10	256QAM	1	0	17.49	17.47	17.49	19	5
10	256QAM	1	25	17.33	17.46	17.32		
10	256QAM	1	49	17.47	17.46	17.30		
10	256QAM	25	0	17.31	17.39	17.36	19	5
10	256QAM	25	12	17.33	17.42	17.35		
10	256QAM	25	25	17.34	17.48	17.30		
10	256QAM	50	0	17.45	17.40	17.36		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.37	22.35	22.36	24	0
5	QPSK	1	12	22.16	22.34	22.21		
5	QPSK	1	24	22.21	22.28	22.19		
5	QPSK	12	0	21.31	21.41	21.29	23	1
5	QPSK	12	7	21.18	21.34	21.28		
5	QPSK	12	13	21.27	21.41	21.29		
5	QPSK	25	0	21.22	21.30	21.33		
5	16QAM	1	0	21.53	21.61	21.49	23	1
5	16QAM	1	12	21.48	21.61	21.47		
5	16QAM	1	24	21.57	21.60	21.47		
5	16QAM	12	0	20.37	20.44	20.40	22	2
5	16QAM	12	7	20.31	20.34	20.25		
5	16QAM	12	13	20.29	20.31	20.30		
5	16QAM	25	0	20.26	20.33	20.28		
5	64QAM	1	0	20.38	20.38	20.38	22	2
5	64QAM	1	12	20.29	20.41	20.30		
5	64QAM	1	24	20.18	20.27	20.28		
5	64QAM	12	0	19.37	19.37	19.28	21	3
5	64QAM	12	7	19.17	19.26	19.26		
5	64QAM	12	13	19.18	19.30	19.23		
5	64QAM	25	0	19.27	19.36	19.28		
5	256QAM	1	0	17.52	17.45	17.39	19	5
5	256QAM	1	12	17.24	17.46	17.35		
5	256QAM	1	24	17.40	17.51	17.37		
5	256QAM	12	0	17.32	17.35	17.27	19	5
5	256QAM	12	7	17.40	17.48	17.41		
5	256QAM	12	13	17.44	17.39	17.28		
5	256QAM	25	0	17.44	17.51	17.45		

GSM1900 Ant 1 Default

GSM1900 Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.18	29.46	29.52	30.50	20.18	20.46	20.52	21.50
GPRS 1 Tx slot	29.27	29.41	29.30	30.50	20.27	20.41	20.30	21.50
GPRS 2 Tx slots	27.27	27.38	27.21	28.50	21.27	21.38	21.21	22.50
GPRS 3 Tx slots	24.78	25.10	25.06	26.50	20.52	20.84	20.80	22.24
GPRS 4 Tx slots	23.41	23.57	23.59	24.50	20.41	20.57	20.59	21.50
EDGE 1 Tx slot	25.02	25.34	25.52	26.50	16.02	16.34	16.52	17.50
EDGE 2 Tx slots	22.58	22.69	22.87	24.00	16.58	16.89	16.87	18.00
EDGE 3 Tx slots	21.23	21.32	21.16	22.50	16.97	17.06	16.90	18.24
EDGE 4 Tx slots	18.68	19.00	18.95	20.00	15.68	16.00	15.95	17.00

WCDMA II Ant 1 Default

Band		WCDMA II			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Rx Channel		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.23	22.40	22.20	24.00
3GPP Rel 99	RMC 12.2Kbps	22.26	22.44	22.29	24.00
3GPP Rel 6	HSDPA Subtest-1	21.13	21.25	21.15	23.00
3GPP Rel 6	HSDPA Subtest-2	22.02	22.17	22.15	23.00
3GPP Rel 6	HSDPA Subtest-3	21.74	21.71	21.61	22.50
3GPP Rel 6	HSDPA Subtest-4	21.69	21.72	21.69	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.25	21.21	21.11	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.15	22.08	22.01	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.70	21.79	21.61	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.68	21.63	21.62	22.50
3GPP Rel 6	HSUPA Subtest-1	21.97	22.10	21.96	23.00
3GPP Rel 6	HSUPA Subtest-2	20.25	20.23	20.13	21.00
3GPP Rel 6	HSUPA Subtest-3	21.22	21.29	21.16	22.00
3GPP Rel 6	HSUPA Subtest-4	20.23	20.18	20.14	21.00
3GPP Rel 6	HSUPA Subtest-5	21.22	21.14	21.15	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.71	19.65	19.69	20.50

Band 2 Ant1 Default

BW [MHz]	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	22.96	23.00	22.91	24	0
20	QPSK	1	49	22.76	22.80	22.72		
20	QPSK	1	99	22.75	22.84	22.81		
20	QPSK	50	0	21.69	21.81	21.77	23	1
20	QPSK	50	24	21.63	21.72	21.60		
20	QPSK	50	50	21.72	21.77	21.67		
20	QPSK	100	0	21.65	21.75	21.63		
20	16QAM	1	0	21.82	21.92	21.84	23	1
20	16QAM	1	49	21.76	21.86	21.75		
20	16QAM	1	99	21.82	21.87	21.74		
20	16QAM	50	0	20.77	20.85	20.74	22	2
20	16QAM	50	24	20.64	20.77	20.70		
20	16QAM	50	50	20.72	20.82	20.74		
20	16QAM	100	0	20.76	20.81	20.74		
20	64QAM	1	0	20.70	20.74	20.70	22	2
20	64QAM	1	49	20.50	20.62	20.58		
20	64QAM	1	99	20.64	20.71	20.61		
20	64QAM	50	0	19.69	19.80	19.77	21	3
20	64QAM	50	24	19.58	19.69	19.60		
20	64QAM	50	50	19.64	19.72	19.68		
20	64QAM	100	0	19.65	19.72	19.65		
20	256QAM	1	0	17.76	17.80	17.74	19	5
20	256QAM	1	49	17.70	17.76	17.70		
20	256QAM	1	99	17.64	17.70	17.66		
20	256QAM	50	0	17.76	17.84	17.74	19	5
20	256QAM	50	24	17.66	17.74	17.68		
20	256QAM	50	50	17.65	17.69	17.59		
20	256QAM	100	0	17.59	17.71	17.66		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.76	22.88	22.79	24	0
15	QPSK	1	37	22.65	22.74	22.61		
15	QPSK	1	74	22.63	22.71	22.77		
15	QPSK	36	0	21.59	21.68	21.68	23	1
15	QPSK	36	20	21.59	21.60	21.55		
15	QPSK	36	39	21.69	21.71	21.59		
15	QPSK	75	0	21.58	21.71	21.61		
15	16QAM	1	0	21.76	21.79	21.76	23	1
15	16QAM	1	37	21.64	21.77	21.69		
15	16QAM	1	74	21.78	21.80	21.65		
15	16QAM	36	0	20.73	20.79	20.67	22	2
15	16QAM	36	20	20.61	20.65	20.60		
15	16QAM	36	39	20.61	20.79	20.68		
15	16QAM	75	0	20.65	20.69	20.62		
15	64QAM	1	0	20.65	20.63	20.57	22	2
15	64QAM	1	37	20.65	20.57	20.55		
15	64QAM	1	74	20.59	20.62	20.57		
15	64QAM	36	0	19.56	19.78	19.67	21	3
15	64QAM	36	20	19.54	19.57	19.55		
15	64QAM	36	39	19.51	19.60	19.62		
15	64QAM	75	0	19.57	19.68	19.54		
15	256QAM	1	0	17.71	17.76	17.66	19	5
15	256QAM	1	37	17.64	17.73	17.57		
15	256QAM	1	74	17.56	17.56	17.57		
15	256QAM	36	0	17.73	17.75	17.63	19	5
15	256QAM	36	20	17.62	17.68	17.60		
15	256QAM	36	39	17.53	17.57	17.50		
15	256QAM	75	0	17.54	17.60	17.61		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.84	22.82	22.82	24	0
10	QPSK	1	25	22.70	22.74	22.66		
10	QPSK	1	49	22.64	22.70	22.69		
10	QPSK	25	0	21.66	21.70	21.68	23	1
10	QPSK	25	12	21.53	21.60	21.58		
10	QPSK	25	25	21.67	21.66	21.58		
10	QPSK	50	0	21.51	21.63	21.51		
10	16QAM	1	0	21.78	21.89	21.80	23	1
10	16QAM	1	25	21.69	21.72	21.70		
10	16QAM	1	49	21.79	21.75	21.68		
10	16QAM	25	0	20.73	20.78	20.65	22	2
10	16QAM	25	12	20.58	20.74	20.57		
10	16QAM	25	25	20.60	20.79	20.69		
10	16QAM	50	0	20.64	20.75	20.67		
10	64QAM	1	0	20.64	20.66	20.60	22	2
10	64QAM	1	25	20.73	20.50	20.54		
10	64QAM	1	49	20.58	20.67	20.52		
10	64QAM	25	0	19.62	19.70	19.65	21	3
10	64QAM	25	12	19.53	19.56	19.53		
10	64QAM	25	25	19.61	19.65	19.55		
10	64QAM	50	0	19.59	19.65	19.59		
10	256QAM	1	0	17.72	17.71	17.64	19	5
10	256QAM	1	25	17.61	17.64	17.59		
10	256QAM	1	49	17.51	17.58	17.63		
10	256QAM	25	0	17.68	17.79	17.69	19	5
10	256QAM	25	12	17.60	17.60	17.62		
10	256QAM	25	25	17.61	17.67	17.50		
10	256QAM	50	0	17.55	17.66	17.60		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.85	22.82	22.77	24	0
5	QPSK	1	12	22.63	22.68	22.60		
5	QPSK	1	24	22.65	22.73	22.76		
5	QPSK	12	0	21.65	21.75	21.75	23	1
5	QPSK	12	7	21.54	21.58	21.54		
5	QPSK	12	13	21.65	21.75	21.56		
5	QPSK	25	0	21.56	21.67	21.59		
5	16QAM	1	0	21.72	21.80	21.81	23	1
5	16QAM	1	12	21.71	21.72	21.67		
5	16QAM	1	24	21.80	21.79	21.61		
5	16QAM	12	0	20.64	20.74	20.61	22	2
5	16QAM	12	7	20.59	20.70	20.62		
5	16QAM	12	13	20.67	20.76	20.67		
5	16QAM	25	0	20.73	20.73	20.71		
5	64QAM	1	0	20.58	20.67	20.65	22	2
5	64QAM	1	12	20.66	20.58	20.50		
5	64QAM	1	24	20.63	20.67	20.55		
5	64QAM	12	0	19.62	19.74	19.63	21	3
5	64QAM	12	7	19.54	19.61	19.57		
5	64QAM	12	13	19.59	19.59	19.61		
5	64QAM	25	0	19.61	19.65	19.55		
5	256QAM	1	0	17.74	17.75	17.65	19	5
5	256QAM	1	12	17.63	17.66	17.63		
5	256QAM	1	24	17.61	17.68	17.59		
5	256QAM	12	0	17.62	17.80	17.66	19	5
5	256QAM	12	7	17.53	17.65	17.60		
5	256QAM	12	13	17.57	17.57	17.53		
5	256QAM	25	0	17.52	17.64	17.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.82	22.87	22.80	24	0
3	QPSK	1	8	22.64	22.75	22.62		
3	QPSK	1	14	22.66	22.73	22.75		
3	QPSK	8	0	21.66	21.76	21.63	23	1
3	QPSK	8	4	21.52	21.58	21.56		
3	QPSK	8	7	21.59	21.66	21.60		
3	QPSK	15	0	21.55	21.70	21.53		
3	16QAM	1	0	21.72	21.86	21.80	23	1
3	16QAM	1	8	21.63	21.75	21.64		
3	16QAM	1	14	21.73	21.77	21.69		
3	16QAM	8	0	20.75	20.80	20.72	22	2
3	16QAM	8	4	20.51	20.68	20.59		
3	16QAM	8	7	20.70	20.74	20.68		
3	16QAM	15	0	20.62	20.74	20.65		
3	64QAM	1	0	20.59	20.69	20.64	22	2
3	64QAM	1	8	20.65	20.54	20.51		
3	64QAM	1	14	20.59	20.62	20.54		
3	64QAM	8	0	19.58	19.73	19.64	21	3
3	64QAM	8	4	19.50	19.63	19.50		
3	64QAM	8	7	19.50	19.69	19.57		
3	64QAM	15	0	19.62	19.60	19.55		
3	256QAM	1	0	17.67	17.77	17.63	19	5
3	256QAM	1	8	17.65	17.71	17.63		
3	256QAM	1	14	17.61	17.63	17.63		
3	256QAM	8	0	17.71	17.81	17.68	19	5
3	256QAM	8	4	17.61	17.67	17.66		
3	256QAM	8	7	17.54	17.61	17.53		
3	256QAM	15	0	17.56	17.66	17.56		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.76	22.83	22.84	24	0
1.4	QPSK	1	3	22.70	22.70	22.60		
1.4	QPSK	1	5	22.69	22.79	22.68		
1.4	QPSK	3	0	22.79	22.86	22.84		
1.4	QPSK	3	1	22.63	22.74	22.64		
1.4	QPSK	3	3	22.67	22.73	22.72		
1.4	QPSK	6	0	21.56	21.74	21.65	23	1
1.4	16QAM	1	0	21.61	21.63	21.55	23	1
1.4	16QAM	1	3	21.60	21.75	21.56		
1.4	16QAM	1	5	21.58	21.72	21.51		
1.4	16QAM	3	0	21.61	21.67	21.71		
1.4	16QAM	3	1	21.52	21.68	21.51		
1.4	16QAM	3	3	21.59	21.64	21.56		
1.4	16QAM	6	0	20.59	20.64	20.52	22	2
1.4	64QAM	1	0	20.51	20.66	20.50	22	2
1.4	64QAM	1	3	20.56	20.60	20.59		
1.4	64QAM	1	5	20.51	20.63	20.52		
1.4	64QAM	3	0	20.56	20.68	20.57		
1.4	64QAM	3	1	20.50	20.63	20.53		
1.4	64QAM	3	3	20.59	20.66	20.58		
1.4	64QAM	6	0	19.55	19.59	19.60	21	3
1.4	256QAM	1	0	17.72	17.66	17.63	19	5
1.4	256QAM	1	3	17.59	17.71	17.61		
1.4	256QAM	1	5	17.52	17.58	17.60		
1.4	256QAM	3	0	17.65	17.82	17.65		
1.4	256QAM	3	1	17.64	17.67	17.58		
1.4	256QAM	3	3	17.59	17.57	17.52		
1.4	256QAM	6	0	17.51	17.64	17.57	19	5

Band 7 Ant1 Default

BW [MHz]	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	22.69	22.79	22.66	24	0
20	QPSK	1	49	22.62	22.69	22.64		
20	QPSK	1	99	22.57	22.69	22.56		
20	QPSK	50	0	21.64	21.68	21.60	23	1
20	QPSK	50	24	21.45	21.51	21.42		
20	QPSK	50	50	21.49	21.51	21.44		
20	QPSK	100	0	21.53	21.60	21.53		
20	16QAM	1	0	21.72	21.77	21.68	23	1
20	16QAM	1	49	21.59	21.68	21.60		
20	16QAM	1	99	21.55	21.66	21.63		
20	16QAM	50	0	20.58	20.66	20.58	22	2
20	16QAM	50	24	20.56	20.63	20.50		
20	16QAM	50	50	20.60	20.66	20.60		
20	16QAM	100	0	20.55	20.67	20.57		
20	64QAM	1	0	20.62	20.93	20.81	22	2
20	64QAM	1	49	20.60	20.71	20.59		
20	64QAM	1	99	20.57	20.63	20.52		
20	64QAM	50	0	19.57	19.64	19.55	21	3
20	64QAM	50	24	19.44	19.52	19.44		
20	64QAM	50	50	19.43	19.53	19.45		
20	64QAM	100	0	19.42	19.54	19.45		
20	256QAM	1	0	17.62	17.70	17.61	19	5
20	256QAM	1	49	17.54	17.60	17.50		
20	256QAM	1	99	17.44	17.57	17.48		
20	256QAM	50	0	17.54	17.63	17.51	19	5
20	256QAM	50	24	17.43	17.48	17.43		
20	256QAM	50	50	17.41	17.54	17.49		
20	256QAM	100	0	17.41	17.54	17.48		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.58	22.72	22.53	24	0
15	QPSK	1	37	22.58	22.63	22.53		
15	QPSK	1	74	22.45	22.62	22.44		
15	QPSK	36	0	21.57	21.66	21.48	23	1
15	QPSK	36	20	21.31	21.40	21.30		
15	QPSK	36	39	21.32	21.39	21.40		
15	QPSK	75	0	21.44	21.55	21.49		
15	16QAM	1	0	21.60	21.74	21.57	23	1
15	16QAM	1	37	21.55	21.57	21.51		
15	16QAM	1	74	21.53	21.55	21.52		
15	16QAM	36	0	20.39	20.47	20.38	22	2
15	16QAM	36	20	20.37	20.43	20.32		
15	16QAM	36	39	20.38	20.41	20.40		
15	16QAM	75	0	20.35	20.48	20.35		
15	64QAM	1	0	20.61	20.69	20.55	22	2
15	64QAM	1	37	20.37	20.45	20.40		
15	64QAM	1	74	20.52	20.56	20.39		
15	64QAM	36	0	19.51	19.56	19.54	21	3
15	64QAM	36	20	19.40	19.54	19.46		
15	64QAM	36	39	19.36	19.47	19.36		
15	64QAM	75	0	19.41	19.47	19.38		
15	256QAM	1	0	17.44	17.56	17.47	19	5
15	256QAM	1	37	17.40	17.48	17.33		
15	256QAM	1	74	17.31	17.38	17.35		
15	256QAM	36	0	17.51	17.54	17.38	19	5
15	256QAM	36	20	17.40	17.46	17.35		
15	256QAM	36	39	17.38	17.51	17.42		
15	256QAM	75	0	17.34	17.40	17.43		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.57	22.67	22.55	24	0
10	QPSK	1	25	22.55	22.65	22.55		
10	QPSK	1	49	22.52	22.61	22.51		
10	QPSK	25	0	21.59	21.63	21.47	23	1
10	QPSK	25	12	21.31	21.42	21.34		
10	QPSK	25	25	21.36	21.46	21.34		
10	QPSK	50	0	21.48	21.53	21.44		
10	16QAM	1	0	21.69	21.66	21.65	23	1
10	16QAM	1	25	21.50	21.58	21.52		
10	16QAM	1	49	21.46	21.59	21.54		
10	16QAM	25	0	20.50	20.59	20.49	22	2
10	16QAM	25	12	20.44	20.58	20.43		
10	16QAM	25	25	20.55	20.58	20.51		
10	16QAM	50	0	20.46	20.55	20.50		
10	64QAM	1	0	20.78	20.83	20.76	22	2
10	64QAM	1	25	20.54	20.68	20.49		
10	64QAM	1	49	20.53	20.50	20.47		
10	64QAM	25	0	19.53	19.52	19.50	21	3
10	64QAM	25	12	19.31	19.45	19.40		
10	64QAM	25	25	19.36	19.44	19.33		
10	64QAM	50	0	19.38	19.42	19.32		
10	256QAM	1	0	17.54	17.58	17.53	19	5
10	256QAM	1	25	17.45	17.57	17.42		
10	256QAM	1	49	17.36	17.43	17.42		
10	256QAM	25	0	17.42	17.53	17.39	19	5
10	256QAM	25	12	17.31	17.36	17.31		
10	256QAM	25	25	17.34	17.45	17.46		
10	256QAM	50	0	17.39	17.48	17.34		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.55	22.71	22.61	24	0
5	QPSK	1	12	22.60	22.62	22.58		
5	QPSK	1	24	22.45	22.65	22.43		
5	QPSK	12	0	21.54	21.65	21.48	23	1
5	QPSK	12	7	21.41	21.43	21.32		
5	QPSK	12	13	21.36	21.40	21.38		
5	QPSK	25	0	21.48	21.54	21.39		
5	16QAM	1	0	21.63	21.73	21.56	23	1
5	16QAM	1	12	21.51	21.54	21.55		
5	16QAM	1	24	21.53	21.55	21.56		
5	16QAM	12	0	20.55	20.63	20.54	22	2
5	16QAM	12	7	20.50	20.59	20.41		
5	16QAM	12	13	20.57	20.54	20.50		
5	16QAM	25	0	20.45	20.56	20.49		
5	64QAM	1	0	20.75	20.83	20.71	22	2
5	64QAM	1	12	20.49	20.64	20.54		
5	64QAM	1	24	20.45	20.58	20.50		
5	64QAM	12	0	19.53	19.55	19.47	21	3
5	64QAM	12	7	19.31	19.40	19.40		
5	64QAM	12	13	19.39	19.42	19.34		
5	64QAM	25	0	19.33	19.49	19.38		
5	256QAM	1	0	17.59	17.65	17.54	19	5
5	256QAM	1	12	17.41	17.47	17.43		
5	256QAM	1	24	17.41	17.53	17.37		
5	256QAM	12	0	17.46	17.56	17.42	19	5
5	256QAM	12	7	17.30	17.41	17.35		
5	256QAM	12	13	17.38	17.42	17.43		
5	256QAM	25	0	17.34	17.51	17.43		

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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	23.06	23.12	22.99	24	0
20	QPSK	1	49	22.98	23.00	22.96		
20	QPSK	1	99	22.98	23.04	22.88		
20	QPSK	50	0	21.90	22.03	21.94	23	1
20	QPSK	50	24	21.82	21.91	21.82		
20	QPSK	50	50	21.89	21.93	21.96		
20	QPSK	100	0	21.83	21.91	21.85		
20	16QAM	1	0	21.96	22.00	21.93	23	1
20	16QAM	1	49	21.82	21.86	21.80		
20	16QAM	1	99	21.83	21.94	21.83		
20	16QAM	50	0	20.97	21.05	20.96	22	2
20	16QAM	50	24	20.80	20.90	20.83		
20	16QAM	50	50	20.76	20.93	20.83		
20	16QAM	100	0	20.90	20.95	20.90		
20	64QAM	1	0	21.03	21.12	20.91	22	2
20	64QAM	1	49	21.02	21.08	21.02		
20	64QAM	1	99	20.80	20.96	20.85		
20	64QAM	50	0	19.88	20.01	19.90	21	3
20	64QAM	50	24	19.89	19.93	19.86		
20	64QAM	50	50	19.82	19.99	19.85		
20	64QAM	100	0	19.91	19.88	19.81		
20	256QAM	1	0	17.93	18.05	18.00	19	5
20	256QAM	1	49	17.88	17.97	17.83		
20	256QAM	1	99	17.81	17.95	17.88		
20	256QAM	50	0	17.87	17.97	17.98	19	5
20	256QAM	50	24	17.79	17.95	17.87		
20	256QAM	50	50	17.85	17.93	17.87		
20	256QAM	100	0	17.80	17.85	17.77		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.61	22.63	22.54	24	0
15	QPSK	1	37	22.59	22.63	22.47		
15	QPSK	1	74	22.48	22.58	22.51		
15	QPSK	36	0	21.43	21.55	21.52	23	1
15	QPSK	36	20	21.49	21.51	21.43		
15	QPSK	36	39	21.51	21.59	21.56		
15	QPSK	75	0	21.43	21.55	21.47		
15	16QAM	1	0	21.54	21.61	21.54	23	1
15	16QAM	1	37	21.38	21.47	21.39		
15	16QAM	1	74	21.38	21.50	21.48		
15	16QAM	36	0	20.53	20.55	20.53	22	2
15	16QAM	36	20	20.37	20.49	20.39		
15	16QAM	36	39	20.32	20.52	20.33		
15	16QAM	75	0	20.43	20.49	20.41		
15	64QAM	1	0	20.59	20.64	20.55	22	2
15	64QAM	1	37	20.57	20.65	20.58		
15	64QAM	1	74	20.41	20.54	20.38		
15	64QAM	36	0	19.42	19.60	19.57	21	3
15	64QAM	36	20	19.47	19.53	19.49		
15	64QAM	36	39	19.46	19.51	19.36		
15	64QAM	75	0	19.50	19.54	19.34		
15	256QAM	1	0	17.45	17.62	17.53	19	5
15	256QAM	1	37	17.47	17.55	17.44		
15	256QAM	1	74	17.34	17.49	17.41		
15	256QAM	36	0	17.48	17.49	17.51	19	5
15	256QAM	36	20	17.43	17.53	17.43		
15	256QAM	36	39	17.40	17.44	17.45		
15	256QAM	75	0	17.34	17.41	17.38		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.70	22.74	22.55	24	0
10	QPSK	1	25	22.61	22.62	22.50		
10	QPSK	1	49	22.56	22.60	22.52		
10	QPSK	25	0	21.39	21.55	21.52	23	1
10	QPSK	25	12	21.42	21.50	21.34		
10	QPSK	25	25	21.48	21.51	21.51		
10	QPSK	50	0	21.37	21.46	21.41		
10	16QAM	1	0	21.57	21.63	21.57	23	1
10	16QAM	1	25	21.36	21.42	21.29		
10	16QAM	1	49	21.38	21.55	21.46		
10	16QAM	25	0	20.59	20.53	20.51	22	2
10	16QAM	25	12	20.44	20.50	20.34		
10	16QAM	25	25	20.37	20.52	20.33		
10	16QAM	50	0	20.53	20.50	20.43		
10	64QAM	1	0	20.56	20.65	20.57	22	2
10	64QAM	1	25	20.56	20.60	20.51		
10	64QAM	1	49	20.37	20.51	20.39		
10	64QAM	25	0	19.50	19.58	19.52	21	3
10	64QAM	25	12	19.50	19.47	19.45		
10	64QAM	25	25	19.37	19.55	19.45		
10	64QAM	50	0	19.48	19.50	19.38		
10	256QAM	1	0	17.45	17.58	17.61	19	5
10	256QAM	1	25	17.41	17.51	17.43		
10	256QAM	1	49	17.39	17.43	17.47		
10	256QAM	25	0	17.47	17.58	17.58	19	5
10	256QAM	25	12	17.38	17.55	17.45		
10	256QAM	25	25	17.42	17.50	17.43		
10	256QAM	50	0	17.37	17.42	17.40		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.63	22.67	22.62	24	0
5	QPSK	1	12	22.52	22.60	22.49		
5	QPSK	1	24	22.48	22.61	22.48		
5	QPSK	12	0	21.50	21.52	21.57	23	1
5	QPSK	12	7	21.40	21.48	21.39		
5	QPSK	12	13	21.46	21.50	21.56		
5	QPSK	25	0	21.38	21.55	21.45		
5	16QAM	1	0	21.61	21.55	21.52	23	1
5	16QAM	1	12	21.37	21.39	21.32		
5	16QAM	1	24	21.41	21.50	21.48		
5	16QAM	12	0	20.55	20.55	20.50	22	2
5	16QAM	12	7	20.35	20.49	20.32		
5	16QAM	12	13	20.32	20.43	20.43		
5	16QAM	25	0	20.53	20.49	20.38		
5	64QAM	1	0	20.53	20.63	20.48	22	2
5	64QAM	1	12	20.59	20.70	20.60		
5	64QAM	1	24	20.45	20.51	20.47		
5	64QAM	12	0	19.48	19.60	19.55	21	3
5	64QAM	12	7	19.49	19.56	19.41		
5	64QAM	12	13	19.41	19.54	19.45		
5	64QAM	25	0	19.50	19.44	19.37		
5	256QAM	1	0	17.46	17.60	17.51	19	5
5	256QAM	1	12	17.44	17.44	17.46		
5	256QAM	1	24	17.41	17.46	17.40		
5	256QAM	12	0	17.43	17.52	17.57	19	5
5	256QAM	12	7	17.37	17.56	17.45		
5	256QAM	12	13	17.41	17.46	17.39		
5	256QAM	25	0	17.35	17.40	17.41		

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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	23.04	23.01	23.14	23.07	22.94	24	0
20	QPSK	1	49	22.97	23.07	23.07	23.07	23.02		
20	QPSK	1	99	23.03	23.04	23.09	23.05	23.04		
20	QPSK	50	0	22.14	22.09	22.18	22.09	22.14	23	1
20	QPSK	50	24	22.05	22.00	22.17	22.02	22.05		
20	QPSK	50	50	22.09	22.01	22.13	21.96	21.96		
20	QPSK	100	0	22.00	22.04	22.13	21.98	22.07		
20	16QAM	1	0	22.16	22.03	22.16	22.07	22.19	23	1
20	16QAM	1	49	22.01	22.03	22.06	22.04	22.03		
20	16QAM	1	99	21.93	21.94	22.00	21.96	21.98		
20	16QAM	50	0	21.08	21.13	21.17	21.13	21.08	22	2
20	16QAM	50	24	21.01	20.94	21.09	21.02	20.98		
20	16QAM	50	50	21.01	20.94	21.08	21.01	20.98		
20	16QAM	100	0	20.97	21.03	21.10	20.95	20.99		
20	64QAM	1	0	21.27	21.35	21.38	21.32	21.27	22	2
20	64QAM	1	49	21.02	21.03	21.14	21.02	21.01		
20	64QAM	1	99	21.03	21.09	21.12	21.00	21.06		
20	64QAM	50	0	20.18	20.16	20.13	20.11	20.07	21	3
20	64QAM	50	24	19.96	19.99	20.03	20.02	19.91		
20	64QAM	50	50	20.09	20.07	20.10	19.99	20.00		
20	64QAM	100	0	19.94	19.98	20.04	20.00	19.96		
20	256QAM	1	0	18.00	17.95	18.08	18.04	18.10	19	5
20	256QAM	1	49	17.95	17.96	17.98	17.91	17.87		
20	256QAM	1	99	17.85	17.93	18.00	17.92	17.96		
20	256QAM	50	0	18.09	18.07	18.10	18.07	18.07	19	5
20	256QAM	50	24	17.91	17.85	18.04	17.89	17.88		
20	256QAM	50	50	17.97	17.92	18.01	17.80	17.96		
20	256QAM	100	0	17.95	17.92	18.01	17.96	17.91		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.52	22.48	22.75	22.47	22.52	24	0
15	QPSK	1	37	22.43	22.53	22.60	22.56	22.48		
15	QPSK	1	74	22.58	22.59	22.64	22.56	22.52		
15	QPSK	36	0	21.57	21.61	21.66	21.59	21.63	23	1
15	QPSK	36	20	21.54	21.45	21.55	21.54	21.55		
15	QPSK	36	39	21.53	21.42	21.56	21.44	21.41		
15	QPSK	75	0	21.51	21.58	21.62	21.44	21.53		
15	16QAM	1	0	21.55	21.58	21.68	21.49	21.63	23	1
15	16QAM	1	37	21.43	21.49	21.52	21.46	21.48		
15	16QAM	1	74	21.36	21.48	21.52	21.48	21.50		
15	16QAM	36	0	20.61	20.56	20.61	20.63	20.52	22	2
15	16QAM	36	20	20.46	20.41	20.52	20.43	20.50		
15	16QAM	36	39	20.56	20.42	20.57	20.52	20.48		
15	16QAM	75	0	20.40	20.58	20.60	20.44	20.51		
15	64QAM	1	0	20.73	20.76	20.77	20.77	20.80	22	2
15	64QAM	1	37	20.44	20.44	20.61	20.49	20.44		
15	64QAM	1	74	20.57	20.58	20.63	20.52	20.58		
15	64QAM	36	0	19.57	19.64	19.68	19.53	19.51	21	3
15	64QAM	36	20	19.42	19.47	19.55	19.49	19.39		
15	64QAM	36	39	19.49	19.51	19.56	19.50	19.40		
15	64QAM	75	0	19.40	19.41	19.58	19.42	19.46		
15	256QAM	1	0	17.43	17.42	17.54	17.43	17.54	19	5
15	256QAM	1	37	17.46	17.42	17.53	17.37	17.39		
15	256QAM	1	74	17.35	17.45	17.54	17.43	17.47		
15	256QAM	36	0	17.51	17.60	17.61	17.58	17.45	19	5
15	256QAM	36	20	17.34	17.32	17.49	17.37	17.32		
15	256QAM	36	39	17.38	17.31	17.40	17.26	17.44		
15	256QAM	75	0	17.48	17.37	17.50	17.36	17.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.49	22.52	22.74	22.54	22.44	24	0
10	QPSK	1	25	22.46	22.53	22.63	22.57	22.56		
10	QPSK	1	49	22.56	22.58	22.65	22.51	22.57		
10	QPSK	25	0	21.64	21.57	21.62	21.49	21.55	23	1
10	QPSK	25	12	21.54	21.43	21.59	21.53	21.46		
10	QPSK	25	25	21.55	21.42	21.52	21.43	21.42		
10	QPSK	50	0	21.51	21.59	21.59	21.49	21.59		
10	16QAM	1	0	21.62	21.56	21.66	21.53	21.64	23	1
10	16QAM	1	25	21.40	21.44	21.53	21.54	21.45		
10	16QAM	1	49	21.41	21.49	21.53	21.49	21.44		
10	16QAM	25	0	20.64	20.55	20.62	20.58	20.48	22	2
10	16QAM	25	12	20.46	20.41	20.59	20.40	20.52		
10	16QAM	25	25	20.47	20.37	20.53	20.47	20.46		
10	16QAM	50	0	20.39	20.50	20.54	20.49	20.49		
10	64QAM	1	0	20.76	20.79	20.83	20.77	20.77	22	2
10	64QAM	1	25	20.41	20.47	20.58	20.49	20.43		
10	64QAM	1	49	20.52	20.56	20.57	20.47	20.61		
10	64QAM	25	0	19.58	19.56	19.67	19.59	19.53	21	3
10	64QAM	25	12	19.45	19.47	19.46	19.45	19.32		
10	64QAM	25	25	19.51	19.49	19.58	19.45	19.45		
10	64QAM	50	0	19.43	19.43	19.53	19.38	19.40		
10	256QAM	1	0	17.50	17.46	17.55	17.51	17.56	19	5
10	256QAM	1	25	17.41	17.44	17.48	17.41	17.31		
10	256QAM	1	49	17.41	17.41	17.46	17.36	17.42		
10	256QAM	25	0	17.48	17.59	17.54	17.51	17.53	19	5
10	256QAM	25	12	17.40	17.35	17.47	17.29	17.40		
10	256QAM	25	25	17.40	17.38	17.41	17.35	17.38		
10	256QAM	50	0	17.49	17.38	17.53	17.41	17.41		
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	22.55	22.49	22.71	22.56	22.47	24	0
5	QPSK	1	12	22.49	22.45	22.61	22.53	22.49		
5	QPSK	1	24	22.56	22.53	22.57	22.46	22.49		
5	QPSK	12	0	21.53	21.58	21.62	21.60	21.59	23	1
5	QPSK	12	7	21.52	21.48	21.58	21.54	21.54		
5	QPSK	12	13	21.51	21.49	21.57	21.53	21.45		
5	QPSK	25	0	21.51	21.54	21.58	21.43	21.51		
5	16QAM	1	0	21.58	21.48	21.64	21.55	21.67	23	1
5	16QAM	1	12	21.43	21.49	21.62	21.47	21.52		
5	16QAM	1	24	21.38	21.42	21.51	21.41	21.53		
5	16QAM	12	0	20.59	20.62	20.64	20.63	20.52	22	2
5	16QAM	12	7	20.43	20.40	20.62	20.44	20.45		
5	16QAM	12	13	20.45	20.42	20.62	20.50	20.42		
5	16QAM	25	0	20.48	20.47	20.62	20.46	20.52		
5	64QAM	1	0	20.73	20.84	20.88	20.80	20.78	22	2
5	64QAM	1	12	20.50	20.52	20.55	20.47	20.53		
5	64QAM	1	24	20.57	20.48	20.63	20.47	20.61		
5	64QAM	12	0	19.66	19.62	19.64	19.54	19.53	21	3
5	64QAM	12	7	19.43	19.50	19.49	19.44	19.39		
5	64QAM	12	13	19.56	19.49	19.64	19.43	19.52		
5	64QAM	25	0	19.39	19.41	19.52	19.41	19.43		
5	256QAM	1	0	17.53	17.51	17.59	17.51	17.59	19	5
5	256QAM	1	12	17.45	17.44	17.47	17.35	17.38		
5	256QAM	1	24	17.33	17.41	17.45	17.39	17.39		
5	256QAM	12	0	17.55	17.52	17.59	17.55	17.54	19	5
5	256QAM	12	7	17.35	17.38	17.52	17.36	17.38		
5	256QAM	12	13	17.40	17.41	17.43	17.32	17.38		
5	256QAM	25	0	17.40	17.46	17.48	17.43	17.43		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.01	25.97	26.19	25.95	25.97	27	0
20	QPSK	1	49	26.02	25.92	26.03	25.94	25.95		
20	QPSK	1	99	26.03	26.04	26.12	26.04	26.08		
20	QPSK	50	0	24.97	24.91	25.11	24.96	24.94	26	1
20	QPSK	50	24	24.93	24.83	24.98	24.84	24.90		
20	QPSK	50	50	24.85	24.85	24.93	24.91	24.90		
20	QPSK	100	0	25.05	25.01	25.09	24.97	25.03		
20	16QAM	1	0	25.25	25.17	25.34	25.26	25.28	26	1
20	16QAM	1	49	24.85	24.91	24.98	24.78	24.89		
20	16QAM	1	99	24.91	24.96	24.97	24.84	24.88		
20	16QAM	50	0	23.89	23.87	24.00	24.04	23.90	25	2
20	16QAM	50	24	23.77	23.80	23.88	23.81	23.74		
20	16QAM	50	50	23.74	23.81	23.91	23.73	23.79		
20	16QAM	100	0	23.93	23.93	23.91	23.87	23.93		
20	64QAM	1	0	24.43	24.30	24.42	24.40	24.34	25	2
20	64QAM	1	49	23.88	23.92	23.97	23.83	23.90		
20	64QAM	1	99	23.96	23.94	24.01	23.89	23.85		
20	64QAM	50	0	22.93	22.92	23.06	22.98	22.89	24	3
20	64QAM	50	24	22.85	22.98	22.96	22.93	22.81		
20	64QAM	50	50	22.86	22.77	22.94	22.84	22.83		
20	64QAM	100	0	22.85	22.92	23.01	22.94	22.85		
20	256QAM	1	0	21.09	21.04	21.20	21.08	21.17	22	5
20	256QAM	1	49	21.09	21.07	21.09	21.06	21.06		
20	256QAM	1	99	21.06	21.02	21.07	21.07	21.02		
20	256QAM	50	0	20.98	20.98	21.04	21.00	20.97	22	5
20	256QAM	50	24	21.06	20.98	21.09	21.08	21.00		
20	256QAM	50	50	21.11	21.06	21.13	21.08	21.09		
20	256QAM	100	0	21.07	21.04	21.11	20.99	21.06		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.53	25.51	25.76	25.58	25.51	27	0
15	QPSK	1	37	25.52	25.56	25.63	25.59	25.52		
15	QPSK	1	74	25.53	25.56	25.74	25.61	25.57		
15	QPSK	36	0	24.49	24.45	24.56	24.54	24.48	26	1
15	QPSK	36	20	24.44	24.41	24.54	24.44	24.56		
15	QPSK	36	39	24.40	24.44	24.44	24.52	24.50		
15	QPSK	75	0	24.58	24.59	24.59	24.55	24.55		
15	16QAM	1	0	24.83	24.70	24.84	24.81	24.86	26	1
15	16QAM	1	37	24.38	24.51	24.47	24.41	24.43		
15	16QAM	1	74	24.47	24.50	24.60	24.41	24.46		
15	16QAM	36	0	23.55	23.49	23.56	23.50	23.49	25	2
15	16QAM	36	20	23.36	23.37	23.42	23.34	23.31		
15	16QAM	36	39	23.37	23.34	23.45	23.31	23.41		
15	16QAM	75	0	23.47	23.51	23.58	23.44	23.48		
15	64QAM	1	0	24.00	23.88	24.02	23.96	23.88	25	2
15	64QAM	1	37	23.51	23.40	23.49	23.39	23.51		
15	64QAM	1	74	23.51	23.47	23.53	23.46	23.39		
15	64QAM	36	0	22.42	22.47	22.64	22.52	22.41	24	3
15	64QAM	36	20	22.41	22.51	22.61	22.45	22.41		
15	64QAM	36	39	22.39	22.29	22.51	22.48	22.46		
15	64QAM	75	0	22.47	22.44	22.56	22.56	22.41		
15	256QAM	1	0	20.62	20.64	20.73	20.64	20.70	22	5
15	256QAM	1	37	20.62	20.65	20.69	20.63	20.60		
15	256QAM	1	74	20.65	20.51	20.66	20.65	20.60		
15	256QAM	36	0	20.59	20.64	20.64	20.54	20.53	22	5
15	256QAM	36	20	20.65	20.57	20.74	20.62	20.56		
15	256QAM	36	39	20.67	20.66	20.67	20.59	20.65		
15	256QAM	75	0	20.59	20.61	20.58	20.48	20.60		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.54	25.46	25.69	25.56	25.54	27	0
10	QPSK	1	25	25.61	25.54	25.68	25.52	25.52		
10	QPSK	1	49	25.60	25.55	25.68	25.70	25.58		
10	QPSK	25	0	24.60	24.42	24.57	24.48	24.54	26	1
10	QPSK	25	12	24.50	24.46	24.58	24.47	24.52		
10	QPSK	25	25	24.37	24.41	24.47	24.41	24.48		
10	QPSK	50	0	24.60	24.60	24.59	24.51	24.58		
10	16QAM	1	0	24.84	24.73	24.88	24.85	24.83	26	1
10	16QAM	1	25	24.37	24.52	24.56	24.33	24.48		
10	16QAM	1	49	24.49	24.55	24.58	24.38	24.46		
10	16QAM	25	0	23.47	23.51	23.63	23.61	23.51	25	2
10	16QAM	25	12	23.36	23.28	23.47	23.36	23.40		
10	16QAM	25	25	23.40	23.37	23.43	23.34	23.42		
10	16QAM	50	0	23.41	23.47	23.52	23.48	23.52		
10	64QAM	1	0	23.95	23.94	23.99	23.95	23.96	25	2
10	64QAM	1	25	23.52	23.45	23.57	23.36	23.43		
10	64QAM	1	49	23.47	23.53	23.50	23.45	23.47		
10	64QAM	25	0	22.48	22.43	22.61	22.57	22.46	24	3
10	64QAM	25	12	22.39	22.48	22.52	22.44	22.44		
10	64QAM	25	25	22.39	22.34	22.53	22.38	22.43		
10	64QAM	50	0	22.46	22.49	22.61	22.51	22.44		
10	256QAM	1	0	20.57	20.70	20.75	20.60	20.72	22	5
10	256QAM	1	25	20.70	20.66	20.77	20.67	20.62		
10	256QAM	1	49	20.66	20.56	20.62	20.64	20.60		
10	256QAM	25	0	20.57	20.63	20.62	20.57	20.55	22	5
10	256QAM	25	12	20.66	20.61	20.70	20.56	20.63		
10	256QAM	25	25	20.63	20.66	20.73	20.61	20.64		
10	256QAM	50	0	20.56	20.55	20.67	20.56	20.65		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.58	25.54	25.73	25.53	25.48	27	0
5	QPSK	1	12	25.53	25.52	25.63	25.54	25.51		
5	QPSK	1	24	25.58	25.58	25.67	25.64	25.59		
5	QPSK	12	0	24.49	24.52	24.55	24.55	24.56	26	1
5	QPSK	12	7	24.52	24.41	24.50	24.46	24.51		
5	QPSK	12	13	24.36	24.38	24.53	24.48	24.51		
5	QPSK	25	0	24.62	24.60	24.63	24.46	24.61		
5	16QAM	1	0	24.83	24.71	24.86	24.89	24.80	26	1
5	16QAM	1	12	24.47	24.51	24.46	24.32	24.45		
5	16QAM	1	24	24.49	24.53	24.54	24.42	24.45		
5	16QAM	12	0	23.51	23.53	23.61	23.59	23.51	25	2
5	16QAM	12	7	23.32	23.31	23.43	23.32	23.37		
5	16QAM	12	13	23.40	23.44	23.49	23.32	23.34		
5	16QAM	25	0	23.49	23.44	23.58	23.45	23.47		
5	64QAM	1	0	24.02	23.96	23.99	24.01	23.88	25	2
5	64QAM	1	12	23.51	23.48	23.54	23.39	23.46		
5	64QAM	1	24	23.49	23.52	23.59	23.48	23.44		
5	64QAM	12	0	22.42	22.52	22.60	22.59	22.41	24	3
5	64QAM	12	7	22.39	22.52	22.50	22.47	22.41		
5	64QAM	12	13	22.44	22.37	22.47	22.47	22.46		
5	64QAM	25	0	22.41	22.41	22.62	22.49	22.43		
5	256QAM	1	0	20.65	20.61	20.75	20.59	20.76	22	5
5	256QAM	1	12	20.73	20.67	20.68	20.67	20.57		
5	256QAM	1	24	20.58	20.53	20.67	20.63	20.58		
5	256QAM	12	0	20.61	20.63	20.57	20.56	20.52	22	5
5	256QAM	12	7	20.59	20.57	20.71	20.60	20.52		
5	256QAM	12	13	20.60	20.61	20.75	20.69	20.65		
5	256QAM	25	0	20.57	20.64	20.61	20.51	20.60		

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BW [MHz]	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	22.74	23.02	22.79	24	0
20	QPSK	1	49	22.90	22.96	22.90		
20	QPSK	1	99	22.90	22.99	22.91		
20	QPSK	50	0	21.87	22.01	21.97	23	1
20	QPSK	50	24	21.87	21.91	21.88		
20	QPSK	50	50	21.85	21.95	21.81		
20	QPSK	100	0	21.95	22.09	22.03		
20	16QAM	1	0	22.00	22.06	21.94	23	1
20	16QAM	1	49	21.91	22.00	21.95		
20	16QAM	1	99	21.93	21.98	21.88		
20	16QAM	50	0	20.92	21.02	20.91	22	2
20	16QAM	50	24	20.76	20.89	20.87		
20	16QAM	50	50	20.87	20.97	20.87		
20	16QAM	100	0	20.88	20.93	20.91		
20	64QAM	1	0	21.01	21.04	20.96	22	2
20	64QAM	1	49	20.87	20.96	20.89		
20	64QAM	1	99	20.92	20.99	20.89		
20	64QAM	50	0	19.98	20.03	19.95	21	3
20	64QAM	50	24	19.85	19.95	19.92		
20	64QAM	50	50	19.78	19.91	19.83		
20	64QAM	100	0	19.83	19.94	19.90		
20	256QAM	1	0	17.92	18.05	17.93	19	5
20	256QAM	1	49	17.98	18.00	17.94		
20	256QAM	1	99	17.91	17.98	17.91		
20	256QAM	50	0	17.98	18.05	18.02	19	5
20	256QAM	50	24	17.84	17.97	17.91		
20	256QAM	50	50	17.89	17.95	17.85		
20	256QAM	100	0	17.78	17.91	17.84		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.68	22.94	22.65	24	0
15	QPSK	1	37	22.84	22.90	22.77		
15	QPSK	1	74	22.83	22.94	22.81		
15	QPSK	36	0	21.82	21.87	21.85	23	1
15	QPSK	36	20	21.82	21.78	21.75		
15	QPSK	36	39	21.79	21.87	21.73		
15	QPSK	75	0	21.89	21.98	21.95		
15	16QAM	1	0	21.93	22.00	21.91	23	1
15	16QAM	1	37	21.79	21.98	21.93		
15	16QAM	1	74	21.90	21.91	21.75		
15	16QAM	36	0	20.80	20.93	20.78	22	2
15	16QAM	36	20	20.65	20.79	20.76		
15	16QAM	36	39	20.83	20.95	20.75		
15	16QAM	75	0	20.76	20.90	20.85		
15	64QAM	1	0	20.91	20.90	20.87	22	2
15	64QAM	1	37	20.76	20.93	20.78		
15	64QAM	1	74	20.81	20.96	20.81		
15	64QAM	36	0	19.94	20.00	19.93	21	3
15	64QAM	36	20	19.75	19.86	19.79		
15	64QAM	36	39	19.75	19.89	19.77		
15	64QAM	75	0	19.76	19.83	19.85		
15	256QAM	1	0	17.87	18.02	17.88	19	5
15	256QAM	1	37	17.89	17.87	17.87		
15	256QAM	1	74	17.82	17.95	17.77		
15	256QAM	36	0	17.84	17.97	17.92	19	5
15	256QAM	36	20	17.73	17.92	17.84		
15	256QAM	36	39	17.82	17.91	17.78		
15	256QAM	75	0	17.70	17.78	17.80		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.69	22.90	22.71	24	0
10	QPSK	1	25	22.88	22.90	22.85		
10	QPSK	1	49	22.80	22.91	22.79		
10	QPSK	25	0	21.73	21.98	21.87	23	1
10	QPSK	25	12	21.82	21.83	21.80		
10	QPSK	25	25	21.82	21.89	21.69		
10	QPSK	50	0	21.89	21.97	21.93		
10	16QAM	1	0	21.90	22.02	21.87	23	1
10	16QAM	1	25	21.80	21.90	21.89		
10	16QAM	1	49	21.82	21.94	21.86		
10	16QAM	25	0	20.87	20.94	20.83	22	2
10	16QAM	25	12	20.63	20.85	20.74		
10	16QAM	25	25	20.82	20.89	20.83		
10	16QAM	50	0	20.78	20.86	20.80		
10	64QAM	1	0	20.90	20.96	20.91	22	2
10	64QAM	1	25	20.84	20.85	20.80		
10	64QAM	1	49	20.89	20.86	20.76		
10	64QAM	25	0	19.90	19.98	19.85	21	3
10	64QAM	25	12	19.76	19.92	19.86		
10	64QAM	25	25	19.69	19.77	19.80		
10	64QAM	50	0	19.80	19.84	19.80		
10	256QAM	1	0	17.82	17.93	17.89	19	5
10	256QAM	1	25	17.95	17.94	17.86		
10	256QAM	1	49	17.88	17.84	17.85		
10	256QAM	25	0	17.91	17.92	17.99	19	5
10	256QAM	25	12	17.81	17.85	17.86		
10	256QAM	25	25	17.87	17.88	17.77		
10	256QAM	50	0	17.71	17.89	17.72		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.68	22.93	22.65	24	0
5	QPSK	1	12	22.84	22.90	22.78		
5	QPSK	1	24	22.80	22.90	22.86		
5	QPSK	12	0	21.83	21.88	21.93	23	1
5	QPSK	12	7	21.84	21.87	21.85		
5	QPSK	12	13	21.83	21.89	21.72		
5	QPSK	25	0	21.82	22.01	21.90		
5	16QAM	1	0	21.87	22.02	21.86	23	1
5	16QAM	1	12	21.79	21.93	21.90		
5	16QAM	1	24	21.82	21.87	21.85		
5	16QAM	12	0	20.79	20.92	20.88	22	2
5	16QAM	12	7	20.69	20.80	20.84		
5	16QAM	12	13	20.85	20.94	20.84		
5	16QAM	25	0	20.86	20.83	20.86		
5	64QAM	1	0	20.96	20.91	20.89	22	2
5	64QAM	1	12	20.83	20.91	20.85		
5	64QAM	1	24	20.87	20.93	20.85		
5	64QAM	12	0	19.86	20.00	19.90	21	3
5	64QAM	12	7	19.75	19.90	19.82		
5	64QAM	12	13	19.69	19.82	19.71		
5	64QAM	25	0	19.75	19.90	19.82		
5	256QAM	1	0	17.83	17.93	17.84	19	5
5	256QAM	1	12	17.88	17.92	17.82		
5	256QAM	1	24	17.85	17.89	17.80		
5	256QAM	12	0	17.85	17.93	17.95	19	5
5	256QAM	12	7	17.79	17.91	17.88		
5	256QAM	12	13	17.81	17.88	17.79		
5	256QAM	25	0	17.65	17.80	17.75		

Band 2 Ant4 Default

BW [MHz]	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	21.40	21.50	21.34	22.5	0
20	QPSK	1	49	21.34	21.38	21.29		
20	QPSK	1	99	21.40	21.46	21.38		
20	QPSK	50	0	20.55	20.60	20.51	21.5	1
20	QPSK	50	24	20.43	20.47	20.42		
20	QPSK	50	50	20.48	20.52	20.38		
20	QPSK	100	0	20.55	20.58	20.50		
20	16QAM	1	0	20.69	20.74	20.64	21.5	1
20	16QAM	1	49	20.46	20.56	20.46		
20	16QAM	1	99	20.38	20.46	20.36		
20	16QAM	50	0	19.52	19.56	19.45	20.5	2
20	16QAM	50	24	19.43	19.52	19.43		
20	16QAM	50	50	19.47	19.53	19.46		
20	16QAM	100	0	19.41	19.50	19.46		
20	64QAM	1	0	19.55	19.65	19.51	20.5	2
20	64QAM	1	49	19.37	19.50	19.44		
20	64QAM	1	99	19.37	19.47	19.34		
20	64QAM	50	0	18.42	18.53	18.39	19.5	3
20	64QAM	50	24	18.44	18.47	18.39		
20	64QAM	50	50	18.35	18.48	18.38		
20	64QAM	100	0	18.34	18.42	18.28		
20	256QAM	1	0	16.50	16.59	16.46	17.5	5
20	256QAM	1	49	16.40	16.45	16.38		
20	256QAM	1	99	16.37	16.46	16.35		
20	256QAM	50	0	16.52	16.65	16.59	17.5	5
20	256QAM	50	24	16.36	16.48	16.41		
20	256QAM	50	50	16.37	16.50	16.47		
20	256QAM	100	0	16.47	16.50	16.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.42	21.38	21.42	22.5	0
15	QPSK	1	37	21.25	21.27	21.21		
15	QPSK	1	74	21.31	21.35	21.36		
15	QPSK	36	0	20.44	20.52	20.48	21.5	1
15	QPSK	36	20	20.34	20.33	20.30		
15	QPSK	36	39	20.43	20.42	20.34		
15	QPSK	75	0	20.44	20.44	20.37		
15	16QAM	1	0	20.59	20.61	20.55	21.5	1
15	16QAM	1	37	20.40	20.42	20.41		
15	16QAM	1	74	20.31	20.41	20.30		
15	16QAM	36	0	19.45	19.46	19.42	20.5	2
15	16QAM	36	20	19.41	19.39	19.33		
15	16QAM	36	39	19.39	19.42	19.39		
15	16QAM	75	0	19.28	19.42	19.33		
15	64QAM	1	0	19.48	19.56	19.49	20.5	2
15	64QAM	1	37	19.23	19.39	19.36		
15	64QAM	1	74	19.30	19.36	19.28		
15	64QAM	36	0	18.36	18.50	18.35	19.5	3
15	64QAM	36	20	18.39	18.41	18.31		
15	64QAM	36	39	18.30	18.38	18.33		
15	64QAM	75	0	18.29	18.40	18.18		
15	256QAM	1	0	16.37	16.46	16.35	17.5	5
15	256QAM	1	37	16.36	16.38	16.28		
15	256QAM	1	74	16.27	16.34	16.33		
15	256QAM	36	0	16.40	16.52	16.45	17.5	5
15	256QAM	36	20	16.24	16.35	16.35		
15	256QAM	36	39	16.33	16.43	16.36		
15	256QAM	75	0	16.43	16.36	16.30		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.35	21.40	21.34	22.5	0
10	QPSK	1	25	21.28	21.27	21.24		
10	QPSK	1	49	21.33	21.40	21.29		
10	QPSK	25	0	20.47	20.47	20.40	21.5	1
10	QPSK	25	12	20.31	20.35	20.37		
10	QPSK	25	25	20.36	20.48	20.31		
10	QPSK	50	0	20.52	20.51	20.43		
10	16QAM	1	0	20.56	20.60	20.55	21.5	1
10	16QAM	1	25	20.38	20.47	20.33		
10	16QAM	1	49	20.27	20.33	20.23		
10	16QAM	25	0	19.46	19.48	19.39	20.5	2
10	16QAM	25	12	19.33	19.49	19.31		
10	16QAM	25	25	19.34	19.41	19.42		
10	16QAM	50	0	19.32	19.47	19.33		
10	64QAM	1	0	19.50	19.60	19.38	20.5	2
10	64QAM	1	25	19.28	19.47	19.39		
10	64QAM	1	49	19.27	19.33	19.24		
10	64QAM	25	0	18.32	18.47	18.32	19.5	3
10	64QAM	25	12	18.41	18.43	18.32		
10	64QAM	25	25	18.22	18.42	18.34		
10	64QAM	50	0	18.27	18.30	18.17		
10	256QAM	1	0	16.48	16.49	16.39	17.5	5
10	256QAM	1	25	16.32	16.37	16.31		
10	256QAM	1	49	16.27	16.37	16.28		
10	256QAM	25	0	16.48	16.57	16.54	17.5	5
10	256QAM	25	12	16.34	16.39	16.37		
10	256QAM	25	25	16.24	16.43	16.40		
10	256QAM	50	0	16.40	16.45	16.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.37	21.43	21.36	22.5	0
5	QPSK	1	12	21.20	21.31	21.16		
5	QPSK	1	24	21.32	21.36	21.25		
5	QPSK	12	0	20.53	20.50	20.42	21.5	1
5	QPSK	12	7	20.31	20.44	20.35		
5	QPSK	12	13	20.40	20.43	20.28		
5	QPSK	25	0	20.43	20.53	20.40		
5	16QAM	1	0	20.67	20.68	20.51	21.5	1
5	16QAM	1	12	20.44	20.46	20.44		
5	16QAM	1	24	20.29	20.40	20.31		
5	16QAM	12	0	19.47	19.44	19.38	20.5	2
5	16QAM	12	7	19.30	19.40	19.40		
5	16QAM	12	13	19.43	19.50	19.42		
5	16QAM	25	0	19.28	19.42	19.44		
5	64QAM	1	0	19.46	19.54	19.38	20.5	2
5	64QAM	1	12	19.25	19.38	19.30		
5	64QAM	1	24	19.30	19.33	19.21		
5	64QAM	12	0	18.39	18.44	18.25	19.5	3
5	64QAM	12	7	18.31	18.36	18.28		
5	64QAM	12	13	18.32	18.44	18.33		
5	64QAM	25	0	18.23	18.33	18.21		
5	256QAM	1	0	16.48	16.55	16.41	17.5	5
5	256QAM	1	12	16.37	16.38	16.33		
5	256QAM	1	24	16.29	16.34	16.26		
5	256QAM	12	0	16.44	16.55	16.48	17.5	5
5	256QAM	12	7	16.27	16.39	16.28		
5	256QAM	12	13	16.29	16.37	16.38		
5	256QAM	25	0	16.42	16.45	16.36		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.45	21.40	21.32	22.5	0
3	QPSK	1	8	21.20	21.26	21.17		
3	QPSK	1	14	21.36	21.38	21.26		
3	QPSK	8	0	20.43	20.54	20.48	21.5	1
3	QPSK	8	4	20.29	20.45	20.35		
3	QPSK	8	7	20.38	20.40	20.27		
3	QPSK	15	0	20.45	20.45	20.47		
3	16QAM	1	0	20.56	20.61	20.60	21.5	1
3	16QAM	1	8	20.44	20.50	20.40		
3	16QAM	1	14	20.26	20.43	20.23		
3	16QAM	8	0	19.46	19.49	19.33	20.5	2
3	16QAM	8	4	19.29	19.49	19.34		
3	16QAM	8	7	19.35	19.43	19.35		
3	16QAM	15	0	19.34	19.44	19.39		
3	64QAM	1	0	19.52	19.57	19.45	20.5	2
3	64QAM	1	8	19.28	19.41	19.35		
3	64QAM	1	14	19.27	19.40	19.21		
3	64QAM	8	0	18.39	18.50	18.36	19.5	3
3	64QAM	8	4	18.31	18.40	18.29		
3	64QAM	8	7	18.23	18.39	18.36		
3	64QAM	15	0	18.22	18.36	18.24		
3	256QAM	1	0	16.40	16.54	16.37	17.5	5
3	256QAM	1	8	16.33	16.42	16.26		
3	256QAM	1	14	16.29	16.36	16.27		
3	256QAM	8	0	16.43	16.58	16.51	17.5	5
3	256QAM	8	4	16.32	16.44	16.36		
3	256QAM	8	7	16.27	16.41	16.40		
3	256QAM	15	0	16.38	16.38	16.40		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.36	21.38	21.32	22.5	0
1.4	QPSK	1	3	21.29	21.26	21.21		
1.4	QPSK	1	5	21.30	21.36	21.25		
1.4	QPSK	3	0	21.44	21.44	21.42		
1.4	QPSK	3	1	21.24	21.28	21.21		
1.4	QPSK	3	3	21.38	21.35	21.24		
1.4	QPSK	6	0	20.45	20.48	20.43	21.5	1
1.4	16QAM	1	0	20.29	20.43	20.34	21.5	1
1.4	16QAM	1	3	20.41	20.44	20.26		
1.4	16QAM	1	5	20.53	20.50	20.39		
1.4	16QAM	3	0	20.62	20.67	20.50		
1.4	16QAM	3	1	20.39	20.47	20.36		
1.4	16QAM	3	3	20.34	20.40	20.33		
1.4	16QAM	6	0	19.44	19.52	19.34	20.5	2
1.4	64QAM	1	0	19.36	19.44	19.31	20.5	2
1.4	64QAM	1	3	19.45	19.49	19.43		
1.4	64QAM	1	5	19.32	19.47	19.43		
1.4	64QAM	3	0	19.46	19.56	19.44		
1.4	64QAM	3	1	19.28	19.44	19.41		
1.4	64QAM	3	3	19.28	19.33	19.20		
1.4	64QAM	6	0	18.32	18.50	18.35	19.5	3
1.4	256QAM	1	0	16.37	16.51	16.42	17.5	5
1.4	256QAM	1	3	16.36	16.37	16.25		
1.4	256QAM	1	5	16.33	16.33	16.32		
1.4	256QAM	3	0	16.41	16.61	16.49		
1.4	256QAM	3	1	16.32	16.45	16.30		
1.4	256QAM	3	3	16.29	16.41	16.44		
1.4	256QAM	6	0	16.43	16.43	16.30	17.5	5

Band 5 Ant4 Default

BW [MHz]	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	21.14	21.15	21.10	22.5	0
10	QPSK	1	25	20.95	21.03	21.00		
10	QPSK	1	49	21.02	21.12	21.07		
10	QPSK	25	0	20.04	20.14	20.01	21.5	1
10	QPSK	25	12	19.94	20.05	19.98		
10	QPSK	25	25	19.98	20.12	19.99		
10	QPSK	50	0	19.96	20.07	20.02		
10	16QAM	1	0	20.29	20.36	20.25	21.5	1
10	16QAM	1	25	20.01	20.09	20.01		
10	16QAM	1	49	19.97	20.11	19.98		
10	16QAM	25	0	19.04	19.16	19.07	20.5	2
10	16QAM	25	12	19.00	19.13	19.07		
10	16QAM	25	25	18.94	19.05	18.93		
10	16QAM	50	0	19.02	19.09	18.96		
10	64QAM	1	0	19.09	19.20	19.11	20.5	2
10	64QAM	1	25	19.03	19.06	19.03		
10	64QAM	1	49	19.08	19.13	19.03		
10	64QAM	25	0	17.93	18.07	18.03	19.5	3
10	64QAM	25	12	17.84	17.97	17.94		
10	64QAM	25	25	17.84	17.93	17.85		
10	64QAM	50	0	17.87	17.96	17.90		
10	256QAM	1	0	16.09	16.18	16.15	17.5	5
10	256QAM	1	25	16.02	16.14	16.10		
10	256QAM	1	49	16.08	16.13	16.06		
10	256QAM	25	0	16.02	16.13	16.00	17.5	5
10	256QAM	25	12	15.97	16.10	16.03		
10	256QAM	25	25	16.07	16.15	16.12		
10	256QAM	50	0	16.04	16.08	16.04		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.98	21.06	20.96	22.5	0
5	QPSK	1	12	20.81	21.01	20.92		
5	QPSK	1	24	20.95	20.99	21.04		
5	QPSK	12	0	19.97	20.05	19.88	21.5	1
5	QPSK	12	7	19.84	19.93	19.93		
5	QPSK	12	13	19.94	20.08	19.86		
5	QPSK	25	0	19.94	20.02	19.93		
5	16QAM	1	0	20.25	20.29	20.13	21.5	1
5	16QAM	1	12	19.96	19.96	19.99		
5	16QAM	1	24	19.89	20.01	19.86		
5	16QAM	12	0	18.96	19.09	19.03	20.5	2
5	16QAM	12	7	18.97	19.03	18.93		
5	16QAM	12	13	18.80	18.93	18.83		
5	16QAM	25	0	18.88	18.99	18.88		
5	64QAM	1	0	18.96	19.06	19.02	20.5	2
5	64QAM	1	12	18.93	19.02	18.97		
5	64QAM	1	24	19.05	19.04	18.98		
5	64QAM	12	0	17.84	18.00	17.96	19.5	3
5	64QAM	12	7	17.76	17.90	17.81		
5	64QAM	12	13	17.72	17.88	17.76		
5	64QAM	25	0	17.77	17.90	17.86		
5	256QAM	1	0	16.04	16.10	16.02	17.5	5
5	256QAM	1	12	15.89	16.04	16.00		
5	256QAM	1	24	15.95	16.01	15.98		
5	256QAM	12	0	15.96	16.02	15.95	17.5	5
5	256QAM	12	7	15.90	15.97	15.99		
5	256QAM	12	13	16.04	16.08	16.06		
5	256QAM	25	0	16.01	15.96	15.96		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.02	21.03	20.96	22.5	0
3	QPSK	1	8	20.84	20.89	20.92		
3	QPSK	1	14	20.94	21.06	20.99		
3	QPSK	8	0	19.98	20.08	19.87	21.5	1
3	QPSK	8	4	19.84	19.92	19.93		
3	QPSK	8	7	19.89	19.98	19.94		
3	QPSK	15	0	19.91	19.97	19.89		
3	16QAM	1	0	20.17	20.33	20.21	21.5	1
3	16QAM	1	8	19.90	19.97	19.92		
3	16QAM	1	14	19.85	20.06	19.89		
3	16QAM	8	0	18.93	19.09	18.93	20.5	2
3	16QAM	8	4	18.98	19.04	19.00		
3	16QAM	8	7	18.89	19.03	18.85		
3	16QAM	15	0	18.95	19.05	18.86		
3	64QAM	1	0	19.03	19.07	19.03	20.5	2
3	64QAM	1	8	19.01	18.95	18.98		
3	64QAM	1	14	18.98	19.10	18.98		
3	64QAM	8	0	17.90	17.95	18.00	19.5	3
3	64QAM	8	4	17.72	17.87	17.80		
3	64QAM	8	7	17.71	17.82	17.73		
3	64QAM	15	0	17.78	17.84	17.85		
3	256QAM	1	0	16.05	16.07	16.03	17.5	5
3	256QAM	1	8	15.94	16.09	16.02		
3	256QAM	1	14	16.04	16.00	15.97		
3	256QAM	8	0	15.88	16.11	15.89	17.5	5
3	256QAM	8	4	15.92	16.05	16.00		
3	256QAM	8	7	16.01	16.05	16.02		
3	256QAM	15	0	15.92	15.98	15.90		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.90	21.10	21.02	22.5	0
1.4	QPSK	1	3	20.87	20.98	20.88		
1.4	QPSK	1	5	20.98	20.99	21.01		
1.4	QPSK	3	0	20.97	21.08	21.04		
1.4	QPSK	3	1	20.86	20.97	20.96		
1.4	QPSK	3	3	20.99	21.09	21.00		
1.4	QPSK	6	0	19.97	20.06	19.90	21.5	1
1.4	16QAM	1	0	19.82	19.92	19.86	21.5	1
1.4	16QAM	1	3	19.92	20.01	19.88		
1.4	16QAM	1	5	19.88	20.02	19.85		
1.4	16QAM	3	0	19.86	19.99	19.94		
1.4	16QAM	3	1	19.85	19.98	19.88		
1.4	16QAM	3	3	20.17	20.29	20.21		
1.4	16QAM	6	0	18.98	19.03	19.03	20.5	2
1.4	64QAM	1	0	18.94	19.04	19.05	20.5	2
1.4	64QAM	1	3	18.84	18.92	18.82		
1.4	64QAM	1	5	18.94	19.02	18.99		
1.4	64QAM	3	0	18.92	19.09	18.95		
1.4	64QAM	3	1	18.96	19.04	18.98		
1.4	64QAM	3	3	18.90	18.92	18.81		
1.4	64QAM	6	0	17.77	17.88	17.84	19.5	3
1.4	256QAM	1	0	16.06	16.07	16.08	17.5	5
1.4	256QAM	1	3	15.93	16.05	16.02		
1.4	256QAM	1	5	16.04	16.02	16.04		
1.4	256QAM	3	0	15.99	16.01	15.93		
1.4	256QAM	3	1	15.90	16.02	15.90		
1.4	256QAM	3	3	15.97	16.03	16.04		
1.4	256QAM	6	0	15.91	16.05	16.01	17.5	5

Band 7 For ENDC Ant4 Default

BW [MHz]	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	22.92	22.75	24	0
20	QPSK	1	49	22.78	22.87	22.78		
20	QPSK	1	99	22.72	22.80	22.74		
20	QPSK	50	0	21.66	21.75	21.71	23	1
20	QPSK	50	24	21.61	21.66	21.64		
20	QPSK	50	50	21.63	21.66	21.55		
20	QPSK	100	0	21.61	21.66	21.59		
20	16QAM	1	0	21.71	21.75	21.66	23	1
20	16QAM	1	49	21.62	21.64	21.57		
20	16QAM	1	99	21.59	21.70	21.60		
20	16QAM	50	0	20.69	20.82	20.76	22	2
20	16QAM	50	24	20.66	20.71	20.66		
20	16QAM	50	50	20.69	20.78	20.68		
20	16QAM	100	0	20.73	20.76	20.70		
20	64QAM	1	0	20.45	20.48	20.41	22	2
20	64QAM	1	49	20.36	20.41	20.36		
20	64QAM	1	99	20.39	20.42	20.34		
20	64QAM	50	0	19.66	19.79	19.73	21	3
20	64QAM	50	24	19.60	19.68	19.56		
20	64QAM	50	50	19.57	19.68	19.59		
20	64QAM	100	0	19.63	19.66	19.56		
20	256QAM	1	0	17.81	17.88	17.84	19	5
20	256QAM	1	49	17.70	17.75	17.61		
20	256QAM	1	99	17.80	17.86	17.77		
20	256QAM	50	0	17.78	17.84	17.81	19	5
20	256QAM	50	24	17.75	17.79	17.66		
20	256QAM	50	50	17.68	17.78	17.68		
20	256QAM	100	0	17.69	17.81	17.69		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.75	22.82	22.61	24	0
15	QPSK	1	37	22.64	22.85	22.68		
15	QPSK	1	74	22.61	22.67	22.62		
15	QPSK	36	0	21.54	21.64	21.63	23	1
15	QPSK	36	20	21.53	21.60	21.60		
15	QPSK	36	39	21.58	21.61	21.48		
15	QPSK	75	0	21.56	21.61	21.52		
15	16QAM	1	0	21.61	21.61	21.58	23	1
15	16QAM	1	37	21.56	21.60	21.50		
15	16QAM	1	74	21.48	21.61	21.46		
15	16QAM	36	0	20.66	20.79	20.64	22	2
15	16QAM	36	20	20.59	20.66	20.63		
15	16QAM	36	39	20.65	20.69	20.59		
15	16QAM	75	0	20.70	20.63	20.65		
15	64QAM	1	0	20.37	20.45	20.34	22	2
15	64QAM	1	37	20.30	20.35	20.24		
15	64QAM	1	74	20.27	20.29	20.31		
15	64QAM	36	0	19.58	19.73	19.59	21	3
15	64QAM	36	20	19.48	19.57	19.42		
15	64QAM	36	39	19.51	19.62	19.56		
15	64QAM	75	0	19.59	19.62	19.45		
15	256QAM	1	0	17.74	17.79	17.79	19	5
15	256QAM	1	37	17.65	17.66	17.58		
15	256QAM	1	74	17.67	17.73	17.71		
15	256QAM	36	0	17.76	17.79	17.79	19	5
15	256QAM	36	20	17.67	17.70	17.61		
15	256QAM	36	39	17.65	17.75	17.60		
15	256QAM	75	0	17.65	17.67	17.64		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.75	22.79	22.63	24	0
10	QPSK	1	25	22.69	22.85	22.70		
10	QPSK	1	49	22.60	22.71	22.65		
10	QPSK	25	0	21.56	21.63	21.62	23	1
10	QPSK	25	12	21.53	21.61	21.54		
10	QPSK	25	25	21.55	21.63	21.43		
10	QPSK	50	0	21.50	21.64	21.53		
10	16QAM	1	0	21.66	21.63	21.57	23	1
10	16QAM	1	25	21.57	21.60	21.49		
10	16QAM	1	49	21.50	21.62	21.51		
10	16QAM	25	0	20.56	20.76	20.72	22	2
10	16QAM	25	12	20.54	20.67	20.64		
10	16QAM	25	25	20.62	20.73	20.64		
10	16QAM	50	0	20.71	20.63	20.62		
10	64QAM	1	0	20.40	20.43	20.38	22	2
10	64QAM	1	25	20.27	20.38	20.27		
10	64QAM	1	49	20.31	20.30	20.21		
10	64QAM	25	0	19.61	19.70	19.63	21	3
10	64QAM	25	12	19.50	19.58	19.49		
10	64QAM	25	25	19.45	19.63	19.46		
10	64QAM	50	0	19.52	19.54	19.50		
10	256QAM	1	0	17.77	17.84	17.80	19	5
10	256QAM	1	25	17.66	17.67	17.55		
10	256QAM	1	49	17.71	17.83	17.65		
10	256QAM	25	0	17.72	17.71	17.75	19	5
10	256QAM	25	12	17.65	17.75	17.57		
10	256QAM	25	25	17.63	17.75	17.63		
10	256QAM	50	0	17.56	17.73	17.63		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.82	22.79	22.68	24	0
5	QPSK	1	12	22.71	22.84	22.68		
5	QPSK	1	24	22.59	22.67	22.61		
5	QPSK	12	0	21.53	21.72	21.66	23	1
5	QPSK	12	7	21.51	21.56	21.60		
5	QPSK	12	13	21.49	21.53	21.52		
5	QPSK	25	0	21.54	21.62	21.47		
5	16QAM	1	0	21.61	21.71	21.52	23	1
5	16QAM	1	12	21.51	21.58	21.45		
5	16QAM	1	24	21.54	21.62	21.52		
5	16QAM	12	0	20.62	20.74	20.65	22	2
5	16QAM	12	7	20.60	20.60	20.61		
5	16QAM	12	13	20.66	20.72	20.58		
5	16QAM	25	0	20.68	20.63	20.61		
5	64QAM	1	0	20.40	20.39	20.33	22	2
5	64QAM	1	12	20.27	20.38	20.23		
5	64QAM	1	24	20.28	20.33	20.23		
5	64QAM	12	0	19.59	19.67	19.62	21	3
5	64QAM	12	7	19.48	19.65	19.42		
5	64QAM	12	13	19.48	19.57	19.51		
5	64QAM	25	0	19.54	19.64	19.48		
5	256QAM	1	0	17.73	17.81	17.79	19	5
5	256QAM	1	12	17.57	17.71	17.49		
5	256QAM	1	24	17.76	17.77	17.64		
5	256QAM	12	0	17.67	17.78	17.68	19	5
5	256QAM	12	7	17.68	17.71	17.57		
5	256QAM	12	13	17.64	17.72	17.61		
5	256QAM	25	0	17.59	17.76	17.58		

Band 26 Ant4 Default

BW [MHz]	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	21.10	21.19	21.08	22.5	0
15	QPSK	1	37	21.04	21.08	21.01		
15	QPSK	1	74	21.01	21.04	20.94		
15	QPSK	36	0	19.81	19.95	19.86	21.5	1
15	QPSK	36	20	19.84	19.88	19.74		
15	QPSK	36	39	19.88	19.91	19.84		
15	QPSK	75	0	20.08	20.14	20.03		
15	16QAM	1	0	20.35	20.42	20.34	21.5	1
15	16QAM	1	37	20.17	20.30	20.22		
15	16QAM	1	74	20.21	20.28	20.15		
15	16QAM	36	0	18.99	19.03	19.00	20.5	2
15	16QAM	36	20	18.86	18.97	18.92		
15	16QAM	36	39	18.86	18.90	18.86		
15	16QAM	75	0	18.87	18.99	18.88		
15	64QAM	1	0	19.13	19.22	19.19	20.5	2
15	64QAM	1	37	19.06	19.18	19.09		
15	64QAM	1	74	18.97	19.09	18.95		
15	64QAM	36	0	18.03	18.05	17.92	19.5	3
15	64QAM	36	20	17.95	18.00	17.89		
15	64QAM	36	39	17.90	17.98	17.93		
15	64QAM	75	0	17.92	18.00	17.96		
15	256QAM	1	0	16.13	16.24	16.11	17.5	5
15	256QAM	1	37	16.13	16.21	16.17		
15	256QAM	1	74	16.02	16.15	16.08		
15	256QAM	36	0	16.04	16.09	16.07	17.5	5
15	256QAM	36	20	16.07	16.19	16.16		
15	256QAM	36	39	16.04	16.14	16.07		
15	256QAM	75	0	15.55	15.60	15.51		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.01	21.08	21.02	22.5	0
10	QPSK	1	25	21.01	21.02	20.94		
10	QPSK	1	49	20.93	20.98	20.80		
10	QPSK	25	0	19.75	19.90	19.84	21.5	1
10	QPSK	25	12	19.72	19.79	19.72		
10	QPSK	25	25	19.80	19.85	19.80		
10	QPSK	50	0	20.03	20.11	20.00		
10	16QAM	1	0	20.33	20.40	20.24	21.5	1
10	16QAM	1	25	20.07	20.22	20.14		
10	16QAM	1	49	20.12	20.17	20.04		
10	16QAM	25	0	18.87	18.94	18.90	20.5	2
10	16QAM	25	12	18.80	18.94	18.79		
10	16QAM	25	25	18.77	18.78	18.82		
10	16QAM	50	0	18.73	18.95	18.78		
10	64QAM	1	0	19.01	19.11	19.05	20.5	2
10	64QAM	1	25	19.02	19.12	18.98		
10	64QAM	1	49	18.85	18.98	18.84		
10	64QAM	25	0	17.97	17.97	17.82	19.5	3
10	64QAM	25	12	17.93	17.87	17.84		
10	64QAM	25	25	17.85	17.85	17.87		
10	64QAM	50	0	17.85	17.93	17.85		
10	256QAM	1	0	16.02	16.22	16.08	17.5	5
10	256QAM	1	25	16.02	16.12	16.09		
10	256QAM	1	49	15.95	16.11	16.04		
10	256QAM	25	0	15.91	16.03	16.04	17.5	5
10	256QAM	25	12	16.04	16.08	16.04		
10	256QAM	25	25	15.96	16.11	15.97		
10	256QAM	50	0	16.01	16.00	15.89		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.03	20.98	21.00	22.5	0
5	QPSK	1	12	20.92	21.01	20.88		
5	QPSK	1	24	20.95	20.96	20.88		
5	QPSK	12	0	19.78	19.90	19.76	21.5	1
5	QPSK	12	7	19.82	19.83	19.62		
5	QPSK	12	13	19.78	19.84	19.76		
5	QPSK	25	0	20.05	20.10	19.96		
5	16QAM	1	0	20.23	20.34	20.31	21.5	1
5	16QAM	1	12	20.09	20.19	20.19		
5	16QAM	1	24	20.19	20.16	20.08		
5	16QAM	12	0	18.97	18.90	18.96	20.5	2
5	16QAM	12	7	18.80	18.91	18.80		
5	16QAM	12	13	18.76	18.82	18.80		
5	16QAM	25	0	18.78	18.95	18.76		
5	64QAM	1	0	19.00	19.10	19.06	20.5	2
5	64QAM	1	12	18.95	19.07	18.99		
5	64QAM	1	24	18.91	18.99	18.93		
5	64QAM	12	0	18.00	18.00	17.83	19.5	3
5	64QAM	12	7	17.82	17.88	17.85		
5	64QAM	12	13	17.79	17.86	17.88		
5	64QAM	25	0	17.80	17.90	17.86		
5	256QAM	1	0	16.00	16.20	16.00	17.5	5
5	256QAM	1	12	16.08	16.15	16.13		
5	256QAM	1	24	15.92	16.11	16.01		
5	256QAM	12	0	15.91	16.00	16.04	17.5	5
5	256QAM	12	7	15.96	16.14	16.07		
5	256QAM	12	13	15.92	16.04	15.99		
5	256QAM	25	0	15.94	16.00	15.98		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.06	21.01	21.02	22.5	0
3	QPSK	1	8	20.91	20.97	20.95		
3	QPSK	1	14	20.90	20.94	20.81		
3	QPSK	8	0	19.68	19.85	19.75	21.5	1
3	QPSK	8	4	19.77	19.83	19.68		
3	QPSK	8	7	19.83	19.79	19.76		
3	QPSK	15	0	20.01	20.01	19.91		
3	16QAM	1	0	20.21	20.29	20.26	21.5	1
3	16QAM	1	8	20.11	20.26	20.08		
3	16QAM	1	14	20.10	20.14	20.10		
3	16QAM	8	0	18.93	18.95	18.86	20.5	2
3	16QAM	8	4	18.84	18.93	18.82		
3	16QAM	8	7	18.78	18.80	18.75		
3	16QAM	15	0	18.74	18.91	18.74		
3	64QAM	1	0	19.10	19.19	19.13	20.5	2
3	64QAM	1	8	18.95	19.16	19.01		
3	64QAM	1	14	18.91	19.02	18.90		
3	64QAM	8	0	17.95	17.95	17.85	19.5	3
3	64QAM	8	4	17.85	17.88	17.83		
3	64QAM	8	7	17.83	17.85	17.82		
3	64QAM	15	0	17.85	17.98	17.91		
3	256QAM	1	0	16.03	16.14	16.03	17.5	5
3	256QAM	1	8	16.05	16.11	16.11		
3	256QAM	1	14	15.92	16.07	16.03		
3	256QAM	8	0	15.97	15.96	16.03	17.5	5
3	256QAM	8	4	16.04	16.13	16.05		
3	256QAM	8	7	15.95	16.07	16.01		
3	256QAM	15	0	15.93	16.01	15.92		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.00	21.01	20.98	22.5	0
1.4	QPSK	1	3	20.98	20.95	20.88		
1.4	QPSK	1	5	20.88	20.99	20.84		
1.4	QPSK	3	0	20.96	21.04	20.95		
1.4	QPSK	3	1	20.93	20.95	20.97		
1.4	QPSK	3	3	20.91	20.92	20.80		
1.4	QPSK	6	0	19.72	19.91	19.84	21.5	1
1.4	16QAM	1	0	19.69	19.89	19.80	21.5	1
1.4	16QAM	1	3	19.70	19.91	19.80		
1.4	16QAM	1	5	19.73	19.89	19.82		
1.4	16QAM	3	0	19.70	19.88	19.83		
1.4	16QAM	3	1	19.70	19.83	19.81		
1.4	16QAM	3	3	19.69	19.90	19.76		
1.4	16QAM	6	0	18.88	18.93	18.96	20.5	2
1.4	64QAM	1	0	18.77	18.86	18.84	20.5	2
1.4	64QAM	1	3	18.97	18.91	18.89		
1.4	64QAM	1	5	18.86	18.91	18.89		
1.4	64QAM	3	0	18.78	18.94	18.79		
1.4	64QAM	3	1	18.78	18.80	18.79		
1.4	64QAM	3	3	18.74	18.91	18.83		
1.4	64QAM	6	0	17.92	18.02	17.88	19.5	3
1.4	256QAM	1	0	16.09	16.14	16.05	17.5	5
1.4	256QAM	1	3	16.06	16.11	16.06		
1.4	256QAM	1	5	15.96	16.01	15.96		
1.4	256QAM	3	0	16.01	16.03	16.02		
1.4	256QAM	3	1	16.00	16.07	16.10		
1.4	256QAM	3	3	15.90	16.02	15.94		
1.4	256QAM	6	0	15.99	16.05	15.90	17.5	5

Band 71 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.72	21.82	21.66	23	0
20	QPSK	1	49	21.68	21.70	21.62		
20	QPSK	1	99	21.60	21.71	21.63		
20	QPSK	50	0	20.47	20.57	20.45	22	1
20	QPSK	50	24	20.40	20.50	20.45		
20	QPSK	50	50	20.36	20.46	20.33		
20	QPSK	100	0	20.49	20.54	20.49		
20	16QAM	1	0	20.91	20.95	20.81	22	1
20	16QAM	1	49	20.77	20.86	20.73		
20	16QAM	1	99	20.78	20.86	20.77		
20	16QAM	50	0	19.61	19.69	19.57	21	2
20	16QAM	50	24	19.50	19.62	19.55		
20	16QAM	50	50	19.57	19.63	19.61		
20	16QAM	100	0	19.64	19.66	19.58		
20	64QAM	1	0	19.60	19.74	19.62	21	2
20	64QAM	1	49	19.65	19.68	19.64		
20	64QAM	1	99	19.57	19.66	19.56		
20	64QAM	50	0	18.58	18.60	18.56	20	3
20	64QAM	50	24	18.54	18.57	18.51		
20	64QAM	50	50	18.50	18.53	18.42		
20	64QAM	100	0	18.40	18.48	18.34		
20	256QAM	1	0	16.82	16.89	16.75	18	5
20	256QAM	1	49	16.65	16.77	16.68		
20	256QAM	1	99	16.74	16.82	16.76		
20	256QAM	50	0	16.68	16.71	16.59	18	5
20	256QAM	50	24	16.70	16.84	16.81		
20	256QAM	50	50	16.77	16.87	16.76		
20	256QAM	100	0	16.65	16.79	16.76		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.68	21.69	21.63	23	0
15	QPSK	1	37	21.56	21.60	21.59		
15	QPSK	1	74	21.57	21.60	21.53		
15	QPSK	36	0	20.34	20.44	20.32	22	1
15	QPSK	36	20	20.36	20.45	20.34		
15	QPSK	36	39	20.23	20.35	20.21		
15	QPSK	75	0	20.42	20.47	20.47		
15	16QAM	1	0	20.87	20.81	20.75	22	1
15	16QAM	1	37	20.74	20.73	20.68		
15	16QAM	1	74	20.67	20.75	20.64		
15	16QAM	36	0	19.50	19.61	19.55	21	2
15	16QAM	36	20	19.42	19.57	19.46		
15	16QAM	36	39	19.52	19.59	19.58		
15	16QAM	75	0	19.61	19.61	19.53		
15	64QAM	1	0	19.48	19.63	19.49	21	2
15	64QAM	1	37	19.51	19.60	19.52		
15	64QAM	1	74	19.47	19.57	19.50		
15	64QAM	36	0	18.53	18.58	18.46	20	3
15	64QAM	36	20	18.45	18.53	18.45		
15	64QAM	36	39	18.37	18.51	18.32		
15	64QAM	75	0	18.34	18.40	18.20		
15	256QAM	1	0	16.70	16.85	16.72	18	5
15	256QAM	1	37	16.53	16.73	16.62		
15	256QAM	1	74	16.63	16.69	16.73		
15	256QAM	36	0	16.59	16.59	16.55	18	5
15	256QAM	36	20	16.61	16.74	16.70		
15	256QAM	36	39	16.69	16.79	16.67		
15	256QAM	75	0	16.56	16.65	16.71		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.58	21.75	21.52	23	0
10	QPSK	1	25	21.61	21.59	21.52		
10	QPSK	1	49	21.51	21.63	21.61		
10	QPSK	25	0	20.42	20.52	20.37	22	1
10	QPSK	25	12	20.31	20.45	20.38		
10	QPSK	25	25	20.25	20.41	20.26		
10	QPSK	50	0	20.44	20.45	20.42		
10	16QAM	1	0	20.78	20.90	20.75	22	1
10	16QAM	1	25	20.72	20.72	20.63		
10	16QAM	1	49	20.65	20.80	20.70		
10	16QAM	25	0	19.58	19.66	19.54	21	2
10	16QAM	25	12	19.42	19.56	19.44		
10	16QAM	25	25	19.53	19.52	19.58		
10	16QAM	50	0	19.60	19.52	19.51		
10	64QAM	1	0	19.53	19.61	19.52	21	2
10	64QAM	1	25	19.57	19.55	19.59		
10	64QAM	1	49	19.53	19.60	19.53		
10	64QAM	25	0	18.50	18.54	18.51	20	3
10	64QAM	25	12	18.47	18.46	18.40		
10	64QAM	25	25	18.40	18.41	18.36		
10	64QAM	50	0	18.33	18.38	18.31		
10	256QAM	1	0	16.71	16.84	16.70	18	5
10	256QAM	1	25	16.60	16.69	16.57		
10	256QAM	1	49	16.68	16.71	16.71		
10	256QAM	25	0	16.57	16.59	16.47	18	5
10	256QAM	25	12	16.57	16.74	16.75		
10	256QAM	25	25	16.67	16.83	16.68		
10	256QAM	50	0	16.59	16.72	16.65		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.63	21.79	21.61	23	0
5	QPSK	1	12	21.64	21.58	21.60		
5	QPSK	1	24	21.51	21.59	21.60		
5	QPSK	12	0	20.37	20.47	20.37	22	1
5	QPSK	12	7	20.29	20.42	20.31		
5	QPSK	12	13	20.28	20.36	20.30		
5	QPSK	25	0	20.43	20.47	20.45		
5	16QAM	1	0	20.86	20.92	20.67	22	1
5	16QAM	1	12	20.75	20.82	20.66		
5	16QAM	1	24	20.73	20.74	20.65		
5	16QAM	12	0	19.58	19.56	19.48	21	2
5	16QAM	12	7	19.38	19.49	19.50		
5	16QAM	12	13	19.44	19.59	19.54		
5	16QAM	25	0	19.52	19.54	19.53		
5	64QAM	1	0	19.56	19.69	19.48	21	2
5	64QAM	1	12	19.55	19.58	19.55		
5	64QAM	1	24	19.43	19.55	19.48		
5	64QAM	12	0	18.50	18.51	18.53	20	3
5	64QAM	12	7	18.44	18.52	18.41		
5	64QAM	12	13	18.43	18.49	18.40		
5	64QAM	25	0	18.30	18.39	18.25		
5	256QAM	1	0	16.79	16.78	16.72	18	5
5	256QAM	1	12	16.58	16.68	16.58		
5	256QAM	1	24	16.66	16.72	16.63		
5	256QAM	12	0	16.65	16.60	16.45	18	5
5	256QAM	12	7	16.58	16.75	16.70		
5	256QAM	12	13	16.73	16.76	16.68		
5	256QAM	25	0	16.59	16.76	16.66		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.76	22.87	22.75	24	0
20	QPSK	1	49	22.69	22.79	22.74		
20	QPSK	1	99	22.77	22.80	22.74		
20	QPSK	50	0	21.84	21.91	21.88	23	1
20	QPSK	50	24	21.66	21.77	21.65		
20	QPSK	50	50	21.75	21.82	21.69		
20	QPSK	100	0	21.73	21.82	21.73		
20	16QAM	1	0	21.71	21.75	21.67	23	1
20	16QAM	1	49	21.78	21.83	21.77		
20	16QAM	1	99	21.78	21.88	21.80		
20	16QAM	50	0	20.96	20.98	20.85	22	2
20	16QAM	50	24	20.79	20.92	20.89		
20	16QAM	50	50	20.91	20.94	20.81		
20	16QAM	100	0	20.84	20.92	20.80		
20	64QAM	1	0	20.46	20.59	20.53	22	2
20	64QAM	1	49	20.54	20.56	20.46		
20	64QAM	1	99	20.49	20.57	20.47		
20	64QAM	50	0	19.83	19.88	19.76	21	3
20	64QAM	50	24	19.73	19.81	19.69		
20	64QAM	50	50	19.73	19.84	19.75		
20	64QAM	100	0	19.75	19.78	19.69		
20	256QAM	1	0	18.00	18.04	17.95	19	5
20	256QAM	1	49	17.85	17.90	17.79		
20	256QAM	1	99	17.86	17.94	17.85		
20	256QAM	50	0	17.86	17.98	17.93	19	5
20	256QAM	50	24	17.82	17.93	17.84		
20	256QAM	50	50	17.80	17.94	17.90		
20	256QAM	100	0	17.82	17.91	17.84		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.69	22.79	22.63	24	0
15	QPSK	1	37	22.55	22.66	22.72		
15	QPSK	1	74	22.73	22.72	22.71		
15	QPSK	36	0	21.74	21.83	21.82	23	1
15	QPSK	36	20	21.57	21.70	21.51		
15	QPSK	36	39	21.61	21.77	21.59		
15	QPSK	75	0	21.68	21.69	21.67		
15	16QAM	1	0	21.58	21.69	21.57	23	1
15	16QAM	1	37	21.74	21.79	21.64		
15	16QAM	1	74	21.64	21.78	21.78		
15	16QAM	36	0	20.85	20.87	20.81	22	2
15	16QAM	36	20	20.76	20.85	20.87		
15	16QAM	36	39	20.82	20.82	20.73		
15	16QAM	75	0	20.73	20.82	20.69		
15	64QAM	1	0	20.32	20.46	20.48	22	2
15	64QAM	1	37	20.43	20.49	20.33		
15	64QAM	1	74	20.44	20.49	20.42		
15	64QAM	36	0	19.75	19.82	19.68	21	3
15	64QAM	36	20	19.60	19.77	19.55		
15	64QAM	36	39	19.65	19.77	19.72		
15	64QAM	75	0	19.62	19.64	19.65		
15	256QAM	1	0	17.92	18.01	17.84	19	5
15	256QAM	1	37	17.73	17.85	17.75		
15	256QAM	1	74	17.79	17.90	17.78		
15	256QAM	36	0	17.81	17.87	17.87	19	5
15	256QAM	36	20	17.78	17.89	17.70		
15	256QAM	36	39	17.78	17.88	17.80		
15	256QAM	75	0	17.69	17.81	17.79		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.64	22.80	22.68	24	0
10	QPSK	1	25	22.62	22.68	22.62		
10	QPSK	1	49	22.71	22.70	22.67		
10	QPSK	25	0	21.79	21.78	21.74	23	1
10	QPSK	25	12	21.54	21.64	21.56		
10	QPSK	25	25	21.63	21.77	21.58		
10	QPSK	50	0	21.62	21.80	21.68		
10	16QAM	1	0	21.68	21.67	21.57	23	1
10	16QAM	1	25	21.66	21.80	21.75		
10	16QAM	1	49	21.66	21.75	21.76		
10	16QAM	25	0	20.91	20.92	20.76	22	2
10	16QAM	25	12	20.70	20.82	20.86		
10	16QAM	25	25	20.88	20.81	20.73		
10	16QAM	50	0	20.79	20.86	20.74		
10	64QAM	1	0	20.42	20.56	20.50	22	2
10	64QAM	1	25	20.44	20.42	20.35		
10	64QAM	1	49	20.42	20.46	20.39		
10	64QAM	25	0	19.77	19.77	19.72	21	3
10	64QAM	25	12	19.66	19.72	19.66		
10	64QAM	25	25	19.69	19.72	19.63		
10	64QAM	50	0	19.64	19.75	19.58		
10	256QAM	1	0	17.97	18.00	17.82	19	5
10	256QAM	1	25	17.77	17.82	17.69		
10	256QAM	1	49	17.73	17.89	17.77		
10	256QAM	25	0	17.78	17.87	17.82	19	5
10	256QAM	25	12	17.70	17.86	17.71		
10	256QAM	25	25	17.69	17.88	17.85		
10	256QAM	50	0	17.69	17.81	17.75		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.74	22.77	22.68	24	0
5	QPSK	1	12	22.66	22.71	22.65		
5	QPSK	1	24	22.70	22.72	22.67		
5	QPSK	12	0	21.80	21.81	21.78	23	1
5	QPSK	12	7	21.60	21.64	21.53		
5	QPSK	12	13	21.62	21.74	21.67		
5	QPSK	25	0	21.66	21.70	21.62		
5	16QAM	1	0	21.62	21.71	21.58	23	1
5	16QAM	1	12	21.72	21.77	21.69		
5	16QAM	1	24	21.69	21.76	21.77		
5	16QAM	12	0	20.94	20.86	20.75	22	2
5	16QAM	12	7	20.69	20.84	20.75		
5	16QAM	12	13	20.89	20.82	20.69		
5	16QAM	25	0	20.72	20.81	20.78		
5	64QAM	1	0	20.33	20.52	20.45	22	2
5	64QAM	1	12	20.48	20.48	20.43		
5	64QAM	1	24	20.42	20.44	20.45		
5	64QAM	12	0	19.71	19.75	19.70	21	3
5	64QAM	12	7	19.63	19.71	19.58		
5	64QAM	12	13	19.71	19.73	19.72		
5	64QAM	25	0	19.71	19.71	19.61		
5	256QAM	1	0	17.89	17.93	17.87	19	5
5	256QAM	1	12	17.72	17.79	17.66		
5	256QAM	1	24	17.75	17.90	17.76		
5	256QAM	12	0	17.76	17.93	17.81	19	5
5	256QAM	12	7	17.79	17.88	17.81		
5	256QAM	12	13	17.73	17.85	17.77		
5	256QAM	25	0	17.73	17.79	17.81		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.84	22.98	22.99	22.93	22.88	24	0
20	QPSK	1	49	22.72	22.80	22.85	22.79	22.75		
20	QPSK	1	99	22.79	22.79	22.87	22.84	22.75		
20	QPSK	50	0	21.79	21.81	21.89	21.79	21.78	23	1
20	QPSK	50	24	21.72	21.71	21.79	21.76	21.69		
20	QPSK	50	50	21.69	21.71	21.77	21.66	21.66		
20	QPSK	100	0	21.71	21.73	21.77	21.72	21.69		
20	16QAM	1	0	21.73	21.79	21.86	21.82	21.79	23	1
20	16QAM	1	49	21.73	21.75	21.85	21.75	21.82		
20	16QAM	1	99	21.81	21.81	21.86	21.76	21.80		
20	16QAM	50	0	20.82	20.84	20.95	20.90	20.87	22	2
20	16QAM	50	24	20.84	20.79	20.92	20.85	20.82		
20	16QAM	50	50	20.87	20.89	20.92	20.80	20.83		
20	16QAM	100	0	20.72	20.72	20.85	20.78	20.82		
20	64QAM	1	0	20.63	20.56	20.66	20.58	20.55	22	2
20	64QAM	1	49	20.56	20.56	20.61	20.57	20.49		
20	64QAM	1	99	20.43	20.49	20.57	20.55	20.52		
20	64QAM	50	0	19.79	19.80	19.93	19.89	19.91	21	3
20	64QAM	50	24	19.76	19.68	19.81	19.75	19.73		
20	64QAM	50	50	19.72	19.80	19.84	19.73	19.78		
20	64QAM	100	0	19.70	19.76	19.84	19.79	19.70		
20	256QAM	1	0	18.03	17.96	18.09	18.05	18.01	19	5
20	256QAM	1	49	17.89	17.92	17.99	17.90	17.85		
20	256QAM	1	99	18.01	18.00	18.04	18.01	17.91		
20	256QAM	50	0	17.96	17.95	18.02	18.00	17.91	19	5
20	256QAM	50	24	17.99	17.98	18.05	17.93	17.98		
20	256QAM	50	50	17.99	17.98	18.03	17.98	17.98		
20	256QAM	100	0	17.97	17.99	18.06	18.01	17.99		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.82	22.91	22.94	22.88	22.84	24	0
15	QPSK	1	37	22.64	22.69	22.75	22.70	22.61		
15	QPSK	1	74	22.75	22.74	22.84	22.79	22.66		
15	QPSK	36	0	21.70	21.69	21.76	21.72	21.68	23	1
15	QPSK	36	20	21.60	21.59	21.67	21.71	21.59		
15	QPSK	36	39	21.62	21.64	21.64	21.61	21.54		
15	QPSK	75	0	21.64	21.70	21.66	21.65	21.60		
15	16QAM	1	0	21.66	21.69	21.83	21.76	21.76	23	1
15	16QAM	1	37	21.59	21.64	21.77	21.65	21.77		
15	16QAM	1	74	21.73	21.79	21.79	21.63	21.68		
15	16QAM	36	0	20.68	20.77	20.88	20.86	20.78	22	2
15	16QAM	36	20	20.77	20.69	20.89	20.76	20.79		
15	16QAM	36	39	20.79	20.83	20.80	20.72	20.69		
15	16QAM	75	0	20.69	20.67	20.80	20.66	20.77		
15	64QAM	1	0	20.54	20.50	20.55	20.49	20.48	22	2
15	64QAM	1	37	20.50	20.45	20.54	20.53	20.35		
15	64QAM	1	74	20.37	20.42	20.49	20.48	20.42		
15	64QAM	36	0	19.68	19.77	19.83	19.84	19.86	21	3
15	64QAM	36	20	19.70	19.62	19.77	19.63	19.71		
15	64QAM	36	39	19.66	19.69	19.78	19.63	19.65		
15	64QAM	75	0	19.61	19.71	19.76	19.68	19.68		
15	256QAM	1	0	17.95	17.85	18.07	18.02	17.93	19	5
15	256QAM	1	37	17.79	17.80	17.90	17.84	17.80		
15	256QAM	1	74	17.92	17.94	18.02	17.87	17.88		
15	256QAM	36	0	17.92	17.90	17.91	17.91	17.88	19	5
15	256QAM	36	20	17.95	17.91	18.00	17.83	17.85		
15	256QAM	36	39	17.88	17.84	17.92	17.85	17.94		
15	256QAM	75	0	17.90	17.92	17.95	17.97	17.89		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.77	22.95	22.95	22.83	22.83	24	0
10	QPSK	1	25	22.70	22.75	22.79	22.74	22.63		
10	QPSK	1	49	22.72	22.70	22.74	22.76	22.63		
10	QPSK	25	0	21.75	21.78	21.83	21.69	21.70	23	1
10	QPSK	25	12	21.58	21.66	21.73	21.74	21.55		
10	QPSK	25	25	21.59	21.66	21.73	21.57	21.60		
10	QPSK	50	0	21.59	21.61	21.71	21.61	21.60		
10	16QAM	1	0	21.60	21.68	21.82	21.73	21.73	23	1
10	16QAM	1	25	21.70	21.62	21.77	21.63	21.71		
10	16QAM	1	49	21.71	21.71	21.76	21.73	21.66		
10	16QAM	25	0	20.74	20.71	20.87	20.79	20.76	22	2
10	16QAM	25	12	20.81	20.67	20.89	20.74	20.70		
10	16QAM	25	25	20.75	20.85	20.78	20.69	20.77		
10	16QAM	50	0	20.69	20.60	20.81	20.75	20.73		
10	64QAM	1	0	20.52	20.51	20.62	20.55	20.44	22	2
10	64QAM	1	25	20.46	20.49	20.54	20.44	20.37		
10	64QAM	1	49	20.34	20.38	20.47	20.51	20.40		
10	64QAM	25	0	19.70	19.77	19.84	19.86	19.87	21	3
10	64QAM	25	12	19.66	19.64	19.67	19.65	19.61		
10	64QAM	25	25	19.69	19.77	19.72	19.64	19.72		
10	64QAM	50	0	19.56	19.73	19.82	19.66	19.57		
10	256QAM	1	0	17.96	17.91	18.06	17.91	17.95	19	5
10	256QAM	1	25	17.84	17.88	17.91	17.80	17.72		
10	256QAM	1	49	17.88	17.87	17.98	17.90	17.81		
10	256QAM	25	0	17.90	17.84	17.93	17.97	17.86	19	5
10	256QAM	25	12	17.94	17.85	18.02	17.82	17.96		
10	256QAM	25	25	17.87	17.86	17.97	17.85	17.93		
10	256QAM	50	0	17.91	17.90	17.98	17.94	17.87		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.76	22.94	22.90	22.80	22.81	24	0
5	QPSK	1	12	22.59	22.71	22.81	22.69	22.72		
5	QPSK	1	24	22.70	22.75	22.79	22.82	22.64		
5	QPSK	12	0	21.73	21.74	21.76	21.73	21.66	23	1
5	QPSK	12	7	21.68	21.66	21.72	21.64	21.63		
5	QPSK	12	13	21.65	21.61	21.67	21.59	21.55		
5	QPSK	25	0	21.63	21.70	21.63	21.62	21.67		
5	16QAM	1	0	21.62	21.75	21.82	21.72	21.71	23	1
5	16QAM	1	12	21.70	21.70	21.79	21.68	21.72		
5	16QAM	1	24	21.73	21.74	21.84	21.73	21.72		
5	16QAM	12	0	20.72	20.80	20.84	20.83	20.79	22	2
5	16QAM	12	7	20.78	20.67	20.83	20.77	20.72		
5	16QAM	12	13	20.83	20.82	20.83	20.74	20.81		
5	16QAM	25	0	20.66	20.66	20.81	20.66	20.78		
5	64QAM	1	0	20.50	20.44	20.57	20.50	20.53	22	2
5	64QAM	1	12	20.49	20.54	20.49	20.44	20.46		
5	64QAM	1	24	20.34	20.36	20.54	20.42	20.42		
5	64QAM	12	0	19.72	19.69	19.79	19.81	19.78	21	3
5	64QAM	12	7	19.70	19.65	19.71	19.70	19.70		
5	64QAM	12	13	19.65	19.75	19.82	19.70	19.64		
5	64QAM	25	0	19.59	19.69	19.76	19.71	19.57		
5	256QAM	1	0	17.91	17.94	18.01	17.94	17.90	19	5
5	256QAM	1	12	17.86	17.83	17.93	17.78	17.75		
5	256QAM	1	24	17.97	17.96	18.00	17.89	17.78		
5	256QAM	12	0	17.87	17.84	17.93	17.87	17.85	19	5
5	256QAM	12	7	17.93	17.92	17.98	17.90	17.94		
5	256QAM	12	13	17.87	17.87	17.95	17.96	17.86		
5	256QAM	25	0	17.90	17.88	18.04	17.95	17.93		

Band 41 HPUE For ENDC Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.68	25.79	25.85	25.82	25.79	27	0
20	QPSK	1	49	25.66	25.70	25.79	25.69	25.71		
20	QPSK	1	99	25.61	25.66	25.72	25.65	25.61		
20	QPSK	50	0	24.84	24.76	24.87	24.76	24.82	26	1
20	QPSK	50	24	24.78	24.73	24.81	24.77	24.75		
20	QPSK	50	50	24.69	24.66	24.79	24.75	24.74		
20	QPSK	100	0	24.60	24.61	24.71	24.65	24.69		
20	16QAM	1	0	24.59	24.48	24.61	24.53	24.57	26	1
20	16QAM	1	49	24.52	24.46	24.57	24.49	24.54		
20	16QAM	1	99	24.45	24.50	24.53	24.43	24.42		
20	16QAM	50	0	23.81	23.83	23.94	23.90	23.86	25	2
20	16QAM	50	24	23.71	23.81	23.84	23.80	23.82		
20	16QAM	50	50	23.75	23.80	23.85	23.74	23.72		
20	16QAM	100	0	23.75	23.74	23.81	23.75	23.78		
20	64QAM	1	0	23.70	23.77	23.79	23.67	23.73	25	2
20	64QAM	1	49	23.71	23.70	23.76	23.67	23.70		
20	64QAM	1	99	23.71	23.69	23.76	23.65	23.65		
20	64QAM	50	0	22.89	22.87	22.92	22.84	22.82	24	3
20	64QAM	50	24	22.78	22.78	22.85	22.82	22.76		
20	64QAM	50	50	22.76	22.72	22.80	22.72	22.75		
20	64QAM	100	0	22.77	22.75	22.85	22.74	22.75		
20	256QAM	1	0	20.58	20.53	20.61	20.56	20.56	22	5
20	256QAM	1	49	20.44	20.44	20.48	20.41	20.41		
20	256QAM	1	99	20.47	20.53	20.59	20.45	20.45		
20	256QAM	50	0	20.50	20.52	20.56	20.43	20.51	22	5
20	256QAM	50	24	20.44	20.39	20.50	20.43	20.40		
20	256QAM	50	50	20.51	20.42	20.53	20.46	20.40		
20	256QAM	100	0	20.51	20.46	20.54	20.46	20.46		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.62	25.76	25.76	25.76	25.68	27	0
15	QPSK	1	37	25.63	25.57	25.67	25.56	25.67		
15	QPSK	1	74	25.51	25.62	25.66	25.54	25.55		
15	QPSK	36	0	24.78	24.64	24.78	24.66	24.72	26	1
15	QPSK	36	20	24.76	24.63	24.74	24.69	24.66		
15	QPSK	36	39	24.61	24.55	24.75	24.68	24.71		
15	QPSK	75	0	24.47	24.56	24.60	24.52	24.65		
15	16QAM	1	0	24.49	24.39	24.58	24.39	24.53	26	1
15	16QAM	1	37	24.39	24.38	24.52	24.39	24.42		
15	16QAM	1	74	24.33	24.46	24.51	24.30	24.36		
15	16QAM	36	0	23.75	23.70	23.83	23.84	23.78	25	2
15	16QAM	36	20	23.58	23.78	23.75	23.68	23.76		
15	16QAM	36	39	23.69	23.71	23.80	23.72	23.69		
15	16QAM	75	0	23.61	23.66	23.76	23.68	23.72		
15	64QAM	1	0	23.64	23.69	23.68	23.62	23.59	25	2
15	64QAM	1	37	23.67	23.62	23.71	23.63	23.63		
15	64QAM	1	74	23.65	23.57	23.70	23.54	23.62		
15	64QAM	36	0	22.77	22.74	22.80	22.76	22.79	24	3
15	64QAM	36	20	22.73	22.73	22.75	22.71	22.74		
15	64QAM	36	39	22.73	22.69	22.75	22.64	22.67		
15	64QAM	75	0	22.72	22.66	22.80	22.65	22.65		
15	256QAM	1	0	20.48	20.50	20.54	20.49	20.52	22	5
15	256QAM	1	37	20.32	20.39	20.36	20.30	20.35		
15	256QAM	1	74	20.33	20.50	20.54	20.36	20.40		
15	256QAM	36	0	20.40	20.43	20.47	20.37	20.49	22	5
15	256QAM	36	20	20.35	20.35	20.48	20.36	20.26		
15	256QAM	36	39	20.40	20.30	20.48	20.38	20.29		
15	256QAM	75	0	20.42	20.38	20.49	20.44	20.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.57	25.74	25.82	25.68	25.66	27	0
10	QPSK	1	25	25.53	25.65	25.68	25.62	25.66		
10	QPSK	1	49	25.52	25.54	25.61	25.59	25.58		
10	QPSK	25	0	24.76	24.74	24.82	24.63	24.77	26	1
10	QPSK	25	12	24.69	24.64	24.73	24.74	24.66		
10	QPSK	25	25	24.64	24.58	24.76	24.66	24.64		
10	QPSK	50	0	24.55	24.52	24.61	24.62	24.56		
10	16QAM	1	0	24.53	24.40	24.54	24.40	24.55	26	1
10	16QAM	1	25	24.39	24.33	24.53	24.40	24.50		
10	16QAM	1	49	24.36	24.47	24.49	24.35	24.40		
10	16QAM	25	0	23.77	23.72	23.92	23.78	23.76	25	2
10	16QAM	25	12	23.61	23.76	23.77	23.66	23.72		
10	16QAM	25	25	23.71	23.71	23.72	23.61	23.66		
10	16QAM	50	0	23.64	23.70	23.68	23.66	23.74		
10	64QAM	1	0	23.64	23.68	23.67	23.62	23.62	25	2
10	64QAM	1	25	23.64	23.59	23.71	23.65	23.65		
10	64QAM	1	49	23.65	23.56	23.69	23.53	23.62		
10	64QAM	25	0	22.83	22.76	22.83	22.71	22.70	24	3
10	64QAM	25	12	22.67	22.65	22.76	22.74	22.64		
10	64QAM	25	25	22.65	22.59	22.76	22.70	22.72		
10	64QAM	50	0	22.70	22.62	22.73	22.65	22.65		
10	256QAM	1	0	20.52	20.51	20.56	20.52	20.47	22	5
10	256QAM	1	25	20.36	20.31	20.37	20.32	20.30		
10	256QAM	1	49	20.40	20.46	20.51	20.42	20.34		
10	256QAM	25	0	20.47	20.50	20.44	20.36	20.47	22	5
10	256QAM	25	12	20.41	20.34	20.37	20.35	20.29		
10	256QAM	25	25	20.40	20.32	20.40	20.34	20.31		
10	256QAM	50	0	20.40	20.40	20.42	20.42	20.32		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.62	25.74	25.82	25.71	25.77	27	0
5	QPSK	1	12	25.60	25.66	25.70	25.59	25.63		
5	QPSK	1	24	25.50	25.57	25.67	25.53	25.50		
5	QPSK	12	0	24.77	24.66	24.76	24.66	24.74	26	1
5	QPSK	12	7	24.73	24.65	24.74	24.64	24.63		
5	QPSK	12	13	24.64	24.64	24.77	24.67	24.63		
5	QPSK	25	0	24.52	24.53	24.58	24.53	24.56		
5	16QAM	1	0	24.48	24.36	24.55	24.46	24.47	26	1
5	16QAM	1	12	24.42	24.35	24.55	24.46	24.50		
5	16QAM	1	24	24.37	24.46	24.49	24.41	24.35		
5	16QAM	12	0	23.78	23.74	23.81	23.88	23.80	25	2
5	16QAM	12	7	23.59	23.79	23.72	23.74	23.73		
5	16QAM	12	13	23.65	23.73	23.79	23.72	23.63		
5	16QAM	25	0	23.64	23.62	23.77	23.71	23.76		
5	64QAM	1	0	23.61	23.68	23.72	23.54	23.64	25	2
5	64QAM	1	12	23.65	23.57	23.68	23.64	23.56		
5	64QAM	1	24	23.58	23.64	23.70	23.58	23.62		
5	64QAM	12	0	22.77	22.80	22.87	22.79	22.79	24	3
5	64QAM	12	7	22.69	22.70	22.80	22.70	22.64		
5	64QAM	12	13	22.63	22.61	22.69	22.66	22.70		
5	64QAM	25	0	22.65	22.64	22.73	22.61	22.61		
5	256QAM	1	0	20.49	20.51	20.50	20.47	20.47	22	5
5	256QAM	1	12	20.34	20.39	20.45	20.34	20.35		
5	256QAM	1	24	20.34	20.50	20.53	20.37	20.32		
5	256QAM	12	0	20.37	20.49	20.50	20.33	20.47	22	5
5	256QAM	12	7	20.33	20.25	20.44	20.34	20.32		
5	256QAM	12	13	20.37	20.40	20.42	20.32	20.37		
5	256QAM	25	0	20.49	20.34	20.41	20.42	20.36		

Full&Default Power Mode Other PA

Band 5 Other PA Ant4 Default Sig Path 236

BW [MHz]	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	21.22	21.26	21.25	22.5	0
10	QPSK	1	25	21.09	21.09	21.12		
10	QPSK	1	49	21.16	21.20	21.17		
10	QPSK	25	0	20.11	20.22	20.09	21.5	1
10	QPSK	25	12	19.99	20.12	20.08		
10	QPSK	25	25	20.04	20.19	20.09		
10	QPSK	50	0	20.07	20.21	20.08		
10	16QAM	1	0	20.36	20.48	20.32	21.5	1
10	16QAM	1	25	20.10	20.15	20.15		
10	16QAM	1	49	20.05	20.20	20.06		
10	16QAM	25	0	19.16	19.27	19.22	20.5	2
10	16QAM	25	12	19.09	19.27	19.18		
10	16QAM	25	25	19.02	19.18	19.07		
10	16QAM	50	0	19.14	19.17	19.08		
10	64QAM	1	0	19.21	19.29	19.17	20.5	2
10	64QAM	1	25	19.12	19.21	19.08		
10	64QAM	1	49	19.20	19.28	19.16		
10	64QAM	25	0	18.00	18.12	18.16	19.5	3
10	64QAM	25	12	17.94	18.06	18.04		
10	64QAM	25	25	17.94	18.00	17.95		
10	64QAM	50	0	17.96	18.09	18.05		
10	256QAM	1	0	16.20	16.30	16.30	17.5	5
10	256QAM	1	25	16.11	16.19	16.22		
10	256QAM	1	49	16.21	16.21	16.19		
10	256QAM	25	0	16.14	16.23	16.11	17.5	5
10	256QAM	25	12	16.10	16.16	16.15		
10	256QAM	25	25	16.17	16.30	16.23		
10	256QAM	50	0	16.17	16.15	16.12		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.14	21.24	21.22	22.5	0
5	QPSK	1	12	21.04	21.00	21.07		
5	QPSK	1	24	21.09	21.10	21.12		
5	QPSK	12	0	20.00	20.20	20.07	21.5	1
5	QPSK	12	7	19.94	20.05	20.06		
5	QPSK	12	13	19.94	20.18	20.02		
5	QPSK	25	0	19.99	20.19	20.00		
5	16QAM	1	0	20.32	20.41	20.22	21.5	1
5	16QAM	1	12	20.03	20.07	20.07		
5	16QAM	1	24	20.02	20.10	20.00		
5	16QAM	12	0	19.12	19.26	19.18	20.5	2
5	16QAM	12	7	19.00	19.22	19.14		
5	16QAM	12	13	19.00	19.14	18.99		
5	16QAM	25	0	19.12	19.09	19.06		
5	64QAM	1	0	19.10	19.18	19.10	20.5	2
5	64QAM	1	12	19.08	19.18	19.03		
5	64QAM	1	24	19.18	19.21	19.14		
5	64QAM	12	0	17.96	18.06	18.14	19.5	3
5	64QAM	12	7	17.89	17.98	17.99		
5	64QAM	12	13	17.85	17.94	17.87		
5	64QAM	25	0	17.93	18.08	18.02		
5	256QAM	1	0	16.12	16.22	16.19	17.5	5
5	256QAM	1	12	16.03	16.12	16.20		
5	256QAM	1	24	16.15	16.13	16.10		
5	256QAM	12	0	16.08	16.17	16.07	17.5	5
5	256QAM	12	7	16.08	16.10	16.10		
5	256QAM	12	13	16.08	16.29	16.15		
5	256QAM	25	0	16.12	16.14	16.10		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.17	21.21	21.22	22.5	0
3	QPSK	1	8	21.01	21.04	21.11		
3	QPSK	1	14	21.14	21.11	21.12		
3	QPSK	8	0	20.03	20.19	20.04	21.5	1
3	QPSK	8	4	19.95	20.06	20.07		
3	QPSK	8	7	19.97	20.14	20.04		
3	QPSK	15	0	20.02	20.14	20.04		
3	16QAM	1	0	20.26	20.44	20.28	21.5	1
3	16QAM	1	8	20.03	20.12	20.12		
3	16QAM	1	14	20.03	20.19	20.00		
3	16QAM	8	0	19.14	19.25	19.13	20.5	2
3	16QAM	8	4	19.00	19.19	19.08		
3	16QAM	8	7	18.97	19.12	19.02		
3	16QAM	15	0	19.04	19.10	19.02		
3	64QAM	1	0	19.18	19.20	19.09	20.5	2
3	64QAM	1	8	19.03	19.16	19.06		
3	64QAM	1	14	19.14	19.17	19.07		
3	64QAM	8	0	17.96	18.04	18.08	19.5	3
3	64QAM	8	4	17.83	18.04	17.96		
3	64QAM	8	7	17.88	17.94	17.85		
3	64QAM	15	0	17.87	18.07	17.95		
3	256QAM	1	0	16.19	16.27	16.28	17.5	5
3	256QAM	1	8	16.01	16.12	16.20		
3	256QAM	1	14	16.14	16.13	16.15		
3	256QAM	8	0	16.03	16.18	16.01	17.5	5
3	256QAM	8	4	16.03	16.15	16.09		
3	256QAM	8	7	16.06	16.20	16.15		
3	256QAM	15	0	16.09	16.09	16.05		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.92	21.15	21.08	22.5	0
1.4	QPSK	1	3	20.89	21.00	20.91		
1.4	QPSK	1	5	21.08	21.04	21.07		
1.4	QPSK	3	0	21.01	21.14	21.13		
1.4	QPSK	3	1	20.97	21.00	21.03		
1.4	QPSK	3	3	21.10	21.11	21.05		
1.4	QPSK	6	0	20.08	20.07	19.96	21.5	1
1.4	16QAM	1	0	19.87	19.95	19.96	21.5	1
1.4	16QAM	1	3	19.98	20.09	19.90		
1.4	16QAM	1	5	19.98	20.07	19.94		
1.4	16QAM	3	0	19.94	20.02	20.01		
1.4	16QAM	3	1	19.90	20.07	19.99		
1.4	16QAM	3	3	20.21	20.38	20.25		
1.4	16QAM	6	0	19.07	19.09	19.09	20.5	2
1.4	64QAM	1	0	18.96	19.14	19.10	20.5	2
1.4	64QAM	1	3	18.91	18.98	18.91		
1.4	64QAM	1	5	19.04	19.06	19.08		
1.4	64QAM	3	0	18.96	19.16	19.04		
1.4	64QAM	3	1	19.02	19.07	19.02		
1.4	64QAM	3	3	18.95	18.96	18.83		
1.4	64QAM	6	0	17.78	17.94	17.88	19.5	3
1.4	256QAM	1	0	16.17	16.10	16.16	17.5	5
1.4	256QAM	1	3	16.02	16.12	16.03		
1.4	256QAM	1	5	16.06	16.07	16.13		
1.4	256QAM	3	0	16.09	16.06	15.95		
1.4	256QAM	3	1	15.94	16.07	15.97		
1.4	256QAM	3	3	16.00	16.05	16.08		
1.4	256QAM	6	0	15.94	16.11	16.10	17.5	5

Band 5 Other PA Ant4 Default Sig Path 238

BW [MHz]	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	21.25	21.29	21.27	22.5	0
10	QPSK	1	25	21.05	21.08	21.11		
10	QPSK	1	49	21.14	21.17	21.19		
10	QPSK	25	0	20.19	20.26	20.14	21.5	1
10	QPSK	25	12	20.00	20.13	20.06		
10	QPSK	25	25	20.06	20.25	20.09		
10	QPSK	50	0	20.06	20.18	20.13		
10	16QAM	1	0	20.41	20.50	20.34	21.5	1
10	16QAM	1	25	20.11	20.24	20.07		
10	16QAM	1	49	20.07	20.22	20.10		
10	16QAM	25	0	19.13	19.23	19.18	20.5	2
10	16QAM	25	12	19.09	19.22	19.18		
10	16QAM	25	25	19.00	19.14	19.04		
10	16QAM	50	0	19.11	19.18	19.10		
10	64QAM	1	0	19.22	19.31	19.22	20.5	2
10	64QAM	1	25	19.15	19.15	19.11		
10	64QAM	1	49	19.15	19.19	19.09		
10	64QAM	25	0	18.05	18.14	18.11	19.5	3
10	64QAM	25	12	17.91	18.05	18.01		
10	64QAM	25	25	17.93	18.05	17.91		
10	64QAM	50	0	17.97	18.08	18.04		
10	256QAM	1	0	16.18	16.27	16.29	17.5	5
10	256QAM	1	25	16.14	16.21	16.19		
10	256QAM	1	49	16.15	16.27	16.14		
10	256QAM	25	0	16.13	16.20	16.07	17.5	5
10	256QAM	25	12	16.11	16.17	16.11		
10	256QAM	25	25	16.16	16.21	16.18		
10	256QAM	50	0	16.10	16.22	16.12		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.19	21.27	21.22	22.5	0
5	QPSK	1	12	21.04	21.03	21.07		
5	QPSK	1	24	21.08	21.12	21.15		
5	QPSK	12	0	20.17	20.19	20.11	21.5	1
5	QPSK	12	7	19.99	20.04	20.00		
5	QPSK	12	13	19.98	20.23	20.03		
5	QPSK	25	0	19.97	20.15	20.05		
5	16QAM	1	0	20.31	20.49	20.23	21.5	1
5	16QAM	1	12	20.06	20.18	19.99		
5	16QAM	1	24	20.01	20.17	19.99		
5	16QAM	12	0	19.12	19.13	19.12	20.5	2
5	16QAM	12	7	19.01	19.12	19.16		
5	16QAM	12	13	18.92	19.03	19.02		
5	16QAM	25	0	19.07	19.12	19.04		
5	64QAM	1	0	19.15	19.21	19.11	20.5	2
5	64QAM	1	12	19.13	19.06	19.06		
5	64QAM	1	24	19.08	19.09	19.03		
5	64QAM	12	0	18.03	18.04	18.01	19.5	3
5	64QAM	12	7	17.86	18.01	17.98		
5	64QAM	12	13	17.91	17.99	17.90		
5	64QAM	25	0	17.96	17.99	18.00		
5	256QAM	1	0	16.15	16.25	16.27	17.5	5
5	256QAM	1	12	16.11	16.18	16.16		
5	256QAM	1	24	16.12	16.23	16.12		
5	256QAM	12	0	16.07	16.10	16.00	17.5	5
5	256QAM	12	7	16.08	16.07	16.10		
5	256QAM	12	13	16.09	16.12	16.14		
5	256QAM	25	0	16.00	16.16	16.03		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.15	21.27	21.24	22.5	0
3	QPSK	1	8	20.98	21.06	21.05		
3	QPSK	1	14	21.09	21.08	21.14		
3	QPSK	8	0	20.09	20.20	20.12	21.5	1
3	QPSK	8	4	19.94	20.09	20.02		
3	QPSK	8	7	20.00	20.22	20.04		
3	QPSK	15	0	20.04	20.09	20.10		
3	16QAM	1	0	20.33	20.47	20.30	21.5	1
3	16QAM	1	8	20.03	20.18	19.99		
3	16QAM	1	14	19.99	20.16	20.07		
3	16QAM	8	0	19.11	19.21	19.15	20.5	2
3	16QAM	8	4	19.02	19.19	19.08		
3	16QAM	8	7	18.94	19.05	19.03		
3	16QAM	15	0	19.02	19.13	19.05		
3	64QAM	1	0	19.19	19.28	19.15	20.5	2
3	64QAM	1	8	19.06	19.08	19.03		
3	64QAM	1	14	19.11	19.13	19.00		
3	64QAM	8	0	17.99	18.11	18.03	19.5	3
3	64QAM	8	4	17.80	17.97	17.97		
3	64QAM	8	7	17.82	18.01	17.86		
3	64QAM	15	0	17.88	18.07	18.02		
3	256QAM	1	0	16.11	16.20	16.27	17.5	5
3	256QAM	1	8	16.07	16.18	16.18		
3	256QAM	1	14	16.08	16.17	16.06		
3	256QAM	8	0	16.08	16.16	16.02	17.5	5
3	256QAM	8	4	16.06	16.11	16.10		
3	256QAM	8	7	16.07	16.12	16.07		
3	256QAM	15	0	16.08	16.20	16.08		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.98	21.12	21.05	22.5	0
1.4	QPSK	1	3	20.94	21.06	20.91		
1.4	QPSK	1	5	21.05	21.03	21.10		
1.4	QPSK	3	0	21.07	21.10	21.08		
1.4	QPSK	3	1	20.88	21.07	21.04		
1.4	QPSK	3	3	21.09	21.16	21.10		
1.4	QPSK	6	0	20.01	20.11	19.99	21.5	1
1.4	16QAM	1	0	19.89	19.99	19.87	21.5	1
1.4	16QAM	1	3	19.94	20.04	19.97		
1.4	16QAM	1	5	19.96	20.11	19.93		
1.4	16QAM	3	0	19.89	20.00	20.03		
1.4	16QAM	3	1	19.89	20.03	19.99		
1.4	16QAM	3	3	20.19	20.31	20.29		
1.4	16QAM	6	0	19.02	19.05	19.12	20.5	2
1.4	64QAM	1	0	19.01	19.06	19.11	20.5	2
1.4	64QAM	1	3	18.91	18.93	18.88		
1.4	64QAM	1	5	19.02	19.09	19.02		
1.4	64QAM	3	0	18.96	19.17	18.98		
1.4	64QAM	3	1	18.99	19.14	19.06		
1.4	64QAM	3	3	18.92	18.93	18.91		
1.4	64QAM	6	0	17.84	17.89	17.90	19.5	3
1.4	256QAM	1	0	16.15	16.13	16.18	17.5	5
1.4	256QAM	1	3	15.98	16.13	16.12		
1.4	256QAM	1	5	16.11	16.04	16.07		
1.4	256QAM	3	0	16.04	16.06	15.94		
1.4	256QAM	3	1	15.91	16.08	15.92		
1.4	256QAM	3	3	16.08	16.11	16.10		
1.4	256QAM	6	0	15.98	16.07	16.08	17.5	5

Reduced Power Mode for DSI2

GSM850 Ant 0 Default

GSM850	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	31.55	31.66	33.50	22.75	22.55	22.66	24.50
GPRS 1 Tx slot	31.81	31.61	31.78	33.50	22.81	22.61	22.78	24.50
GPRS 2 Tx slots	30.56	30.14	30.51	31.50	24.56	24.14	24.51	25.50
GPRS 3 Tx slots	27.34	27.25	27.33	29.00	23.08	22.99	23.07	24.74
GPRS 4 Tx slots	25.09	25.11	25.05	27.00	22.09	22.11	22.05	24.00
EDGE 1 Tx slot	24.75	24.65	24.56	25.50	15.75	15.65	15.56	16.50
EDGE 2 Tx slots	22.84	22.90	22.99	24.00	16.84	16.90	16.99	18.00
EDGE 3 Tx slots	20.52	20.37	20.36	22.00	16.26	16.11	16.10	17.74
EDGE 4 Tx slots	18.42	18.44	18.76	20.00	15.42	15.44	15.76	17.00

WCDMA V Ant 0 Default

Band		WCDMA V			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	22.24	22.38	22.26	24.00
3GPP Rel 99	RMC 12.2Kbps	22.39	22.43	22.29	24.00
3GPP Rel 6	HSDPA Subtest-1	21.22	21.33	21.18	23.00
3GPP Rel 6	HSDPA Subtest-2	22.13	22.22	22.22	23.00
3GPP Rel 6	HSDPA Subtest-3	21.84	21.81	21.68	22.50
3GPP Rel 6	HSDPA Subtest-4	21.78	21.80	21.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.30	21.32	21.20	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.26	22.18	22.14	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.82	21.90	21.67	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.79	21.74	21.69	22.50
3GPP Rel 6	HSUPA Subtest-1	22.08	22.14	22.06	23.00
3GPP Rel 6	HSUPA Subtest-2	20.30	20.32	20.23	21.00
3GPP Rel 6	HSUPA Subtest-3	21.30	21.34	21.23	22.00
3GPP Rel 6	HSUPA Subtest-4	20.28	20.24	20.19	21.00
3GPP Rel 6	HSUPA Subtest-5	21.31	21.24	21.20	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.76	19.68	19.72	20.50

Band 5 Ant0 Default

BW [MHz]	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	22.61	22.70	22.58	24	0
10	QPSK	1	25	22.60	22.66	22.60		
10	QPSK	1	49	22.41	22.54	22.43		
10	QPSK	25	0	21.56	21.66	21.55	23	1
10	QPSK	25	12	21.57	21.63	21.57		
10	QPSK	25	25	21.59	21.65	21.59		
10	QPSK	50	0	21.41	21.51	21.44		
10	16QAM	1	0	21.78	21.85	21.79	23	1
10	16QAM	1	25	21.73	21.78	21.73		
10	16QAM	1	49	21.79	21.82	21.79		
10	16QAM	25	0	20.51	20.59	20.55	22	2
10	16QAM	25	12	20.54	20.61	20.49		
10	16QAM	25	25	20.57	20.61	20.58		
10	16QAM	50	0	20.56	20.59	20.50		
10	64QAM	1	0	20.66	20.75	20.68	22	2
10	64QAM	1	25	20.88	20.92	20.84		
10	64QAM	1	49	20.68	20.71	20.60		
10	64QAM	25	0	19.53	19.57	19.50	21	3
10	64QAM	25	12	19.57	19.60	19.56		
10	64QAM	25	25	19.62	19.67	19.58		
10	64QAM	50	0	19.52	19.57	19.47		
10	256QAM	1	0	17.75	17.81	17.78	19	5
10	256QAM	1	25	17.65	17.69	17.67		
10	256QAM	1	49	17.62	17.73	17.70		
10	256QAM	25	0	17.58	17.67	17.62	19	5
10	256QAM	25	12	17.58	17.61	17.61		
10	256QAM	25	25	17.59	17.55	17.56		
10	256QAM	50	0	17.59	17.61	17.57		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.50	22.59	22.54	24	0
5	QPSK	1	12	22.57	22.61	22.54		
5	QPSK	1	24	22.31	22.49	22.30		
5	QPSK	12	0	21.50	21.57	21.43	23	1
5	QPSK	12	7	21.55	21.57	21.49		
5	QPSK	12	13	21.53	21.56	21.55		
5	QPSK	25	0	21.29	21.49	21.32		
5	16QAM	1	0	21.76	21.79	21.77	23	1
5	16QAM	1	12	21.65	21.72	21.63		
5	16QAM	1	24	21.68	21.69	21.75		
5	16QAM	12	0	20.40	20.49	20.43	22	2
5	16QAM	12	7	20.48	20.53	20.46		
5	16QAM	12	13	20.52	20.53	20.45		
5	16QAM	25	0	20.48	20.46	20.38		
5	64QAM	1	0	20.57	20.65	20.63	22	2
5	64QAM	1	12	20.82	20.89	20.73		
5	64QAM	1	24	20.63	20.58	20.51		
5	64QAM	12	0	19.46	19.50	19.38	21	3
5	64QAM	12	7	19.54	19.56	19.47		
5	64QAM	12	13	19.49	19.53	19.47		
5	64QAM	25	0	19.39	19.49	19.35		
5	256QAM	1	0	17.70	17.67	17.74	19	5
5	256QAM	1	12	17.53	17.58	17.60		
5	256QAM	1	24	17.55	17.64	17.60		
5	256QAM	12	0	17.44	17.53	17.49	19	5
5	256QAM	12	7	17.50	17.53	17.55		
5	256QAM	12	13	17.56	17.53	17.53		
5	256QAM	25	0	17.56	17.50	17.50		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.50	22.61	22.48	24	0
3	QPSK	1	8	22.46	22.63	22.53		
3	QPSK	1	14	22.29	22.40	22.30		
3	QPSK	8	0	21.44	21.61	21.45	23	1
3	QPSK	8	4	21.48	21.60	21.46		
3	QPSK	8	7	21.47	21.59	21.47		
3	QPSK	15	0	21.37	21.41	21.31		
3	16QAM	1	0	21.76	21.72	21.68	23	1
3	16QAM	1	8	21.68	21.67	21.67		
3	16QAM	1	14	21.71	21.71	21.71		
3	16QAM	8	0	20.40	20.53	20.45	22	2
3	16QAM	8	4	20.48	20.48	20.46		
3	16QAM	8	7	20.48	20.48	20.47		
3	16QAM	15	0	20.50	20.47	20.47		
3	64QAM	1	0	20.55	20.72	20.61	22	2
3	64QAM	1	8	20.78	20.82	20.80		
3	64QAM	1	14	20.66	20.69	20.58		
3	64QAM	8	0	19.45	19.43	19.38	21	3
3	64QAM	8	4	19.46	19.57	19.50		
3	64QAM	8	7	19.52	19.59	19.48		
3	64QAM	15	0	19.39	19.45	19.39		
3	256QAM	1	0	17.65	17.76	17.75	19	5
3	256QAM	1	8	17.62	17.58	17.57		
3	256QAM	1	14	17.57	17.71	17.56		
3	256QAM	8	0	17.49	17.65	17.57	19	5
3	256QAM	8	4	17.55	17.54	17.57		
3	256QAM	8	7	17.56	17.44	17.50		
3	256QAM	15	0	17.52	17.53	17.46		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.53	22.64	22.45	24	0
1.4	QPSK	1	3	22.49	22.59	22.56		
1.4	QPSK	1	5	22.29	22.45	22.31		
1.4	QPSK	3	0	22.52	22.63	22.48		
1.4	QPSK	3	1	22.56	22.54	22.57		
1.4	QPSK	3	3	22.27	22.50	22.31		
1.4	QPSK	6	0	21.45	21.63	21.47	23	1
1.4	16QAM	1	0	21.52	21.49	21.49	23	1
1.4	16QAM	1	3	21.47	21.59	21.55		
1.4	16QAM	1	5	21.44	21.53	21.41		
1.4	16QAM	3	0	21.52	21.59	21.49		
1.4	16QAM	3	1	21.53	21.57	21.51		
1.4	16QAM	3	3	21.48	21.63	21.53		
1.4	16QAM	6	0	20.45	20.54	20.49	22	2
1.4	64QAM	1	0	20.46	20.53	20.39	22	2
1.4	64QAM	1	3	20.53	20.53	20.47		
1.4	64QAM	1	5	20.54	20.52	20.48		
1.4	64QAM	3	0	20.46	20.51	20.43		
1.4	64QAM	3	1	20.50	20.52	20.41		
1.4	64QAM	3	3	20.54	20.55	20.46		
1.4	64QAM	6	0	19.39	19.49	19.36	21	3
1.4	256QAM	1	0	17.65	17.77	17.72	19	5
1.4	256QAM	1	3	17.59	17.59	17.54		
1.4	256QAM	1	5	17.60	17.70	17.57		
1.4	256QAM	3	0	17.54	17.60	17.51		
1.4	256QAM	3	1	17.46	17.53	17.49		
1.4	256QAM	3	3	17.45	17.43	17.43		
1.4	256QAM	6	0	17.51	17.47	17.48	19	5

Band 26 Ant0 Default

BW [MHz]	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	22.51	22.60	22.49	24	0
15	QPSK	1	37	22.44	22.55	22.40		
15	QPSK	1	74	22.48	22.51	22.40		
15	QPSK	36	0	21.38	21.48	21.42	23	1
15	QPSK	36	20	21.41	21.42	21.42		
15	QPSK	36	39	21.39	21.38	21.36		
15	QPSK	75	0	21.35	21.45	21.34		
15	16QAM	1	0	21.81	21.88	21.79	23	1
15	16QAM	1	37	21.83	21.84	21.78		
15	16QAM	1	74	21.81	21.76	21.82		
15	16QAM	36	0	20.38	20.49	20.36	22	2
15	16QAM	36	20	20.30	20.41	20.28		
15	16QAM	36	39	20.37	20.40	20.36		
15	16QAM	75	0	20.28	20.39	20.36		
15	64QAM	1	0	20.51	20.57	20.49	22	2
15	64QAM	1	37	20.48	20.57	20.53		
15	64QAM	1	74	20.34	20.38	20.31		
15	64QAM	36	0	19.52	19.59	19.54	21	3
15	64QAM	36	20	19.47	19.53	19.48		
15	64QAM	36	39	19.41	19.53	19.48		
15	64QAM	75	0	19.39	19.49	19.39		
15	256QAM	1	0	17.53	17.63	17.51	19	5
15	256QAM	1	37	17.51	17.58	17.50		
15	256QAM	1	74	17.50	17.56	17.45		
15	256QAM	36	0	17.53	17.57	17.49	19	5
15	256QAM	36	20	17.42	17.52	17.40		
15	256QAM	36	39	17.51	17.56	17.47		
15	256QAM	75	0	17.51	17.56	17.49		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.41	22.56	22.39	24	0
10	QPSK	1	25	22.33	22.47	22.30		
10	QPSK	1	49	22.42	22.42	22.28		
10	QPSK	25	0	21.25	21.43	21.34	23	1
10	QPSK	25	12	21.39	21.34	21.33		
10	QPSK	25	25	21.34	21.31	21.31		
10	QPSK	50	0	21.26	21.42	21.28		
10	16QAM	1	0	21.77	21.82	21.70	23	1
10	16QAM	1	25	21.81	21.81	21.72		
10	16QAM	1	49	21.76	21.71	21.69		
10	16QAM	25	0	20.29	20.40	20.32	22	2
10	16QAM	25	12	20.17	20.32	20.23		
10	16QAM	25	25	20.31	20.30	20.23		
10	16QAM	50	0	20.16	20.30	20.22		
10	64QAM	1	0	20.39	20.54	20.36	22	2
10	64QAM	1	25	20.35	20.46	20.42		
10	64QAM	1	49	20.26	20.26	20.26		
10	64QAM	25	0	19.44	19.50	19.49	21	3
10	64QAM	25	12	19.44	19.45	19.38		
10	64QAM	25	25	19.37	19.40	19.35		
10	64QAM	50	0	19.29	19.42	19.29		
10	256QAM	1	0	17.44	17.53	17.46	19	5
10	256QAM	1	25	17.44	17.55	17.38		
10	256QAM	1	49	17.38	17.53	17.34		
10	256QAM	25	0	17.45	17.49	17.44	19	5
10	256QAM	25	12	17.31	17.43	17.28		
10	256QAM	25	25	17.43	17.54	17.34		
10	256QAM	50	0	17.42	17.44	17.36		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.46	22.50	22.39	24	0
5	QPSK	1	12	22.42	22.48	22.36		
5	QPSK	1	24	22.40	22.42	22.35		
5	QPSK	12	0	21.28	21.40	21.38	23	1
5	QPSK	12	7	21.33	21.38	21.33		
5	QPSK	12	13	21.32	21.33	21.33		
5	QPSK	25	0	21.23	21.33	21.21		
5	16QAM	1	0	21.72	21.75	21.70	23	1
5	16QAM	1	12	21.77	21.74	21.66		
5	16QAM	1	24	21.72	21.71	21.78		
5	16QAM	12	0	20.34	20.41	20.25	22	2
5	16QAM	12	7	20.20	20.29	20.24		
5	16QAM	12	13	20.27	20.35	20.27		
5	16QAM	25	0	20.25	20.37	20.26		
5	64QAM	1	0	20.42	20.53	20.37	22	2
5	64QAM	1	12	20.44	20.48	20.40		
5	64QAM	1	24	20.24	20.25	20.21		
5	64QAM	12	0	19.47	19.55	19.51	21	3
5	64QAM	12	7	19.45	19.40	19.36		
5	64QAM	12	13	19.33	19.43	19.44		
5	64QAM	25	0	19.34	19.41	19.36		
5	256QAM	1	0	17.47	17.51	17.45	19	5
5	256QAM	1	12	17.49	17.48	17.42		
5	256QAM	1	24	17.40	17.48	17.35		
5	256QAM	12	0	17.45	17.46	17.35	19	5
5	256QAM	12	7	17.28	17.49	17.27		
5	256QAM	12	13	17.38	17.48	17.41		
5	256QAM	25	0	17.38	17.45	17.46		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.42	22.49	22.38	24	0
3	QPSK	1	8	22.37	22.53	22.35		
3	QPSK	1	14	22.41	22.45	22.29		
3	QPSK	8	0	21.35	21.37	21.30	23	1
3	QPSK	8	4	21.35	21.29	21.35		
3	QPSK	8	7	21.25	21.25	21.26		
3	QPSK	15	0	21.28	21.35	21.29		
3	16QAM	1	0	21.70	21.79	21.73	23	1
3	16QAM	1	8	21.70	21.79	21.71		
3	16QAM	1	14	21.68	21.70	21.79		
3	16QAM	8	0	20.34	20.42	20.22	22	2
3	16QAM	8	4	20.19	20.33	20.20		
3	16QAM	8	7	20.28	20.36	20.27		
3	16QAM	15	0	20.23	20.36	20.30		
3	64QAM	1	0	20.44	20.52	20.35	22	2
3	64QAM	1	8	20.37	20.43	20.50		
3	64QAM	1	14	20.25	20.25	20.20		
3	64QAM	8	0	19.41	19.55	19.41	21	3
3	64QAM	8	4	19.43	19.40	19.45		
3	64QAM	8	7	19.35	19.46	19.41		
3	64QAM	15	0	19.32	19.38	19.35		
3	256QAM	1	0	17.48	17.59	17.44	19	5
3	256QAM	1	8	17.48	17.46	17.42		
3	256QAM	1	14	17.40	17.45	17.42		
3	256QAM	8	0	17.49	17.50	17.38	19	5
3	256QAM	8	4	17.34	17.45	17.32		
3	256QAM	8	7	17.41	17.53	17.39		
3	256QAM	15	0	17.46	17.48	17.47		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.28	22.40	22.21	24	0
1.4	QPSK	1	3	22.23	22.40	22.38		
1.4	QPSK	1	5	22.13	22.29	22.13		
1.4	QPSK	3	0	22.34	22.47	22.23		
1.4	QPSK	3	1	22.41	22.33	22.34		
1.4	QPSK	3	3	22.03	22.25	22.07		
1.4	QPSK	6	0	21.31	21.39	21.32	23	1
1.4	16QAM	1	0	21.32	21.29	21.28	23	1
1.4	16QAM	1	3	21.27	21.42	21.32		
1.4	16QAM	1	5	21.27	21.30	21.21		
1.4	16QAM	3	0	21.36	21.40	21.34		
1.4	16QAM	3	1	21.32	21.40	21.34		
1.4	16QAM	3	3	21.22	21.40	21.38		
1.4	16QAM	6	0	20.31	20.32	20.34	22	2
1.4	64QAM	1	0	20.21	20.29	20.25	22	2
1.4	64QAM	1	3	20.29	20.29	20.23		
1.4	64QAM	1	5	20.37	20.31	20.26		
1.4	64QAM	3	0	20.23	20.26	20.27		
1.4	64QAM	3	1	20.33	20.27	20.21		
1.4	64QAM	3	3	20.31	20.36	20.26		
1.4	64QAM	6	0	19.15	19.27	19.11	21	3
1.4	256QAM	1	0	17.50	17.54	17.57	19	5
1.4	256QAM	1	3	17.39	17.40	17.29		
1.4	256QAM	1	5	17.45	17.52	17.36		
1.4	256QAM	3	0	17.32	17.44	17.37		
1.4	256QAM	3	1	17.23	17.33	17.31		
1.4	256QAM	3	3	17.28	17.25	17.26		
1.4	256QAM	6	0	17.26	17.25	17.32	19	5

Band 71 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.44	22.47	22.43	24	0
20	QPSK	1	49	22.27	22.37	22.28		
20	QPSK	1	99	22.31	22.34	22.27		
20	QPSK	50	0	21.40	21.50	21.42	23	1
20	QPSK	50	24	21.31	21.42	21.38		
20	QPSK	50	50	21.34	21.44	21.38		
20	QPSK	100	0	21.34	21.43	21.38		
20	16QAM	1	0	21.65	21.72	21.62	23	1
20	16QAM	1	49	21.52	21.64	21.52		
20	16QAM	1	99	21.63	21.67	21.56		
20	16QAM	50	0	20.43	20.52	20.45	22	2
20	16QAM	50	24	20.37	20.44	20.34		
20	16QAM	50	50	20.41	20.45	20.35		
20	16QAM	100	0	20.36	20.42	20.34		
20	64QAM	1	0	20.45	20.51	20.45	22	2
20	64QAM	1	49	20.33	20.46	20.42		
20	64QAM	1	99	20.30	20.41	20.35		
20	64QAM	50	0	19.42	19.49	19.41	21	3
20	64QAM	50	24	19.28	19.39	19.36		
20	64QAM	50	50	19.31	19.41	19.29		
20	64QAM	100	0	19.38	19.46	19.40		
20	256QAM	1	0	17.54	17.59	17.51	19	5
20	256QAM	1	49	17.38	17.49	17.43		
20	256QAM	1	99	17.50	17.54	17.41		
20	256QAM	50	0	17.38	17.44	17.38	19	5
20	256QAM	50	24	17.45	17.51	17.46		
20	256QAM	50	50	17.47	17.52	17.41		
20	256QAM	100	0	17.50	17.54	17.47		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.32	22.34	22.30	24	0
15	QPSK	1	37	22.18	22.27	22.19		
15	QPSK	1	74	22.22	22.29	22.21		
15	QPSK	36	0	21.32	21.48	21.34	23	1
15	QPSK	36	20	21.28	21.31	21.25		
15	QPSK	36	39	21.30	21.36	21.27		
15	QPSK	75	0	21.25	21.36	21.25		
15	16QAM	1	0	21.57	21.61	21.50	23	1
15	16QAM	1	37	21.42	21.50	21.43		
15	16QAM	1	74	21.51	21.55	21.48		
15	16QAM	36	0	20.37	20.46	20.31	22	2
15	16QAM	36	20	20.23	20.38	20.22		
15	16QAM	36	39	20.32	20.37	20.28		
15	16QAM	75	0	20.23	20.28	20.20		
15	64QAM	1	0	20.37	20.38	20.36	22	2
15	64QAM	1	37	20.21	20.34	20.32		
15	64QAM	1	74	20.17	20.30	20.30		
15	64QAM	36	0	19.33	19.35	19.28	21	3
15	64QAM	36	20	19.14	19.36	19.26		
15	64QAM	36	39	19.19	19.33	19.17		
15	64QAM	75	0	19.30	19.44	19.35		
15	256QAM	1	0	17.52	17.47	17.39	19	5
15	256QAM	1	37	17.35	17.41	17.31		
15	256QAM	1	74	17.45	17.48	17.28		
15	256QAM	36	0	17.30	17.35	17.28	19	5
15	256QAM	36	20	17.35	17.40	17.35		
15	256QAM	36	39	17.34	17.43	17.34		
15	256QAM	75	0	17.36	17.47	17.39		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.38	22.33	22.40	24	0
10	QPSK	1	25	22.20	22.28	22.19		
10	QPSK	1	49	22.22	22.23	22.23		
10	QPSK	25	0	21.29	21.46	21.40	23	1
10	QPSK	25	12	21.22	21.31	21.27		
10	QPSK	25	25	21.23	21.32	21.30		
10	QPSK	50	0	21.28	21.38	21.24		
10	16QAM	1	0	21.54	21.61	21.57	23	1
10	16QAM	1	25	21.45	21.56	21.45		
10	16QAM	1	49	21.56	21.60	21.50		
10	16QAM	25	0	20.35	20.48	20.41	22	2
10	16QAM	25	12	20.34	20.42	20.26		
10	16QAM	25	25	20.37	20.38	20.25		
10	16QAM	50	0	20.33	20.30	20.22		
10	64QAM	1	0	20.37	20.38	20.37	22	2
10	64QAM	1	25	20.28	20.33	20.36		
10	64QAM	1	49	20.24	20.28	20.27		
10	64QAM	25	0	19.39	19.37	19.36	21	3
10	64QAM	25	12	19.26	19.35	19.24		
10	64QAM	25	25	19.17	19.37	19.20		
10	64QAM	50	0	19.27	19.44	19.36		
10	256QAM	1	0	17.49	17.47	17.49	19	5
10	256QAM	1	25	17.33	17.46	17.32		
10	256QAM	1	49	17.47	17.46	17.30		
10	256QAM	25	0	17.31	17.39	17.36	19	5
10	256QAM	25	12	17.33	17.42	17.35		
10	256QAM	25	25	17.34	17.48	17.30		
10	256QAM	50	0	17.45	17.40	17.36		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.37	22.35	22.36	24	0
5	QPSK	1	12	22.16	22.34	22.21		
5	QPSK	1	24	22.21	22.28	22.19		
5	QPSK	12	0	21.31	21.41	21.29	23	1
5	QPSK	12	7	21.18	21.34	21.28		
5	QPSK	12	13	21.27	21.41	21.29		
5	QPSK	25	0	21.22	21.30	21.33		
5	16QAM	1	0	21.53	21.61	21.49	23	1
5	16QAM	1	12	21.48	21.61	21.47		
5	16QAM	1	24	21.57	21.60	21.47		
5	16QAM	12	0	20.37	20.44	20.40	22	2
5	16QAM	12	7	20.31	20.34	20.25		
5	16QAM	12	13	20.29	20.31	20.30		
5	16QAM	25	0	20.26	20.33	20.28		
5	64QAM	1	0	20.38	20.38	20.38	22	2
5	64QAM	1	12	20.29	20.41	20.30		
5	64QAM	1	24	20.18	20.27	20.28		
5	64QAM	12	0	19.37	19.37	19.28	21	3
5	64QAM	12	7	19.17	19.26	19.26		
5	64QAM	12	13	19.18	19.30	19.23		
5	64QAM	25	0	19.27	19.36	19.28		
5	256QAM	1	0	17.52	17.45	17.39	19	5
5	256QAM	1	12	17.24	17.46	17.35		
5	256QAM	1	24	17.40	17.51	17.37		
5	256QAM	12	0	17.32	17.35	17.27	19	5
5	256QAM	12	7	17.40	17.48	17.41		
5	256QAM	12	13	17.44	17.39	17.28		
5	256QAM	25	0	17.44	17.51	17.45		

GSM1900 Ant 1 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.18	29.46	29.52	30.50	20.18	20.46	20.52	21.50
GPRS 1 Tx slot	29.27	29.41	29.30	30.50	20.27	20.41	20.30	21.50
GPRS 2 Tx slots	27.27	27.38	27.21	28.50	21.27	21.38	21.21	22.50
GPRS 3 Tx slots	24.78	25.10	25.06	26.50	20.52	20.84	20.80	22.24
GPRS 4 Tx slots	23.41	23.57	23.59	24.50	20.41	20.57	20.59	21.50
EDGE 1 Tx slot	25.02	25.34	25.52	26.50	16.02	16.34	16.52	17.50
EDGE 2 Tx slots	22.58	22.89	22.87	24.00	16.58	16.89	16.87	18.00
EDGE 3 Tx slots	21.23	21.32	21.16	22.50	16.97	17.06	16.90	18.24
EDGE 4 Tx slots	18.68	19.00	18.95	20.00	15.68	16.00	15.95	17.00

WCDMA II Ant 1 Default

Band		WCDMA II			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Rx Channel		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.23	22.40	22.20	24.00
3GPP Rel 99	RMC 12.2Kbps	22.26	22.44	22.29	24.00
3GPP Rel 6	HSDPA Subtest-1	21.13	21.25	21.15	23.00
3GPP Rel 6	HSDPA Subtest-2	22.02	22.17	22.15	23.00
3GPP Rel 6	HSDPA Subtest-3	21.74	21.71	21.61	22.50
3GPP Rel 6	HSDPA Subtest-4	21.69	21.72	21.69	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.25	21.21	21.11	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.15	22.08	22.01	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.70	21.79	21.61	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.68	21.63	21.62	22.50
3GPP Rel 6	HSUPA Subtest-1	21.97	22.10	21.96	23.00
3GPP Rel 6	HSUPA Subtest-2	20.25	20.23	20.13	21.00
3GPP Rel 6	HSUPA Subtest-3	21.22	21.29	21.16	22.00
3GPP Rel 6	HSUPA Subtest-4	20.23	20.18	20.14	21.00
3GPP Rel 6	HSUPA Subtest-5	21.22	21.14	21.15	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.71	19.65	19.69	20.50

Band 2 Ant1 Default

BW [MHz]	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	22.96	23.00	22.91	24	0
20	QPSK	1	49	22.76	22.80	22.72		
20	QPSK	1	99	22.75	22.84	22.81		
20	QPSK	50	0	21.69	21.81	21.77	23	1
20	QPSK	50	24	21.63	21.72	21.60		
20	QPSK	50	50	21.72	21.77	21.67		
20	QPSK	100	0	21.65	21.75	21.63		
20	16QAM	1	0	21.82	21.92	21.84	23	1
20	16QAM	1	49	21.76	21.86	21.75		
20	16QAM	1	99	21.82	21.87	21.74		
20	16QAM	50	0	20.77	20.85	20.74	22	2
20	16QAM	50	24	20.64	20.77	20.70		
20	16QAM	50	50	20.72	20.82	20.74		
20	16QAM	100	0	20.76	20.81	20.74		
20	64QAM	1	0	20.70	20.74	20.70	22	2
20	64QAM	1	49	20.50	20.62	20.58		
20	64QAM	1	99	20.64	20.71	20.61		
20	64QAM	50	0	19.69	19.80	19.77	21	3
20	64QAM	50	24	19.58	19.69	19.60		
20	64QAM	50	50	19.64	19.72	19.68		
20	64QAM	100	0	19.65	19.72	19.65		
20	256QAM	1	0	17.76	17.80	17.74	19	5
20	256QAM	1	49	17.70	17.76	17.70		
20	256QAM	1	99	17.64	17.70	17.66		
20	256QAM	50	0	17.76	17.84	17.74	19	5
20	256QAM	50	24	17.66	17.74	17.68		
20	256QAM	50	50	17.65	17.69	17.59		
20	256QAM	100	0	17.59	17.71	17.66		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.76	22.88	22.79	24	0
15	QPSK	1	37	22.65	22.74	22.61		
15	QPSK	1	74	22.63	22.71	22.77		
15	QPSK	36	0	21.59	21.68	21.68	23	1
15	QPSK	36	20	21.59	21.60	21.55		
15	QPSK	36	39	21.69	21.71	21.59		
15	QPSK	75	0	21.58	21.71	21.61		
15	16QAM	1	0	21.76	21.79	21.76	23	1
15	16QAM	1	37	21.64	21.77	21.69		
15	16QAM	1	74	21.78	21.80	21.65		
15	16QAM	36	0	20.73	20.79	20.67	22	2
15	16QAM	36	20	20.61	20.65	20.60		
15	16QAM	36	39	20.61	20.79	20.68		
15	16QAM	75	0	20.65	20.69	20.62		
15	64QAM	1	0	20.65	20.63	20.57	22	2
15	64QAM	1	37	20.65	20.57	20.55		
15	64QAM	1	74	20.59	20.62	20.57		
15	64QAM	36	0	19.56	19.78	19.67	21	3
15	64QAM	36	20	19.54	19.57	19.55		
15	64QAM	36	39	19.51	19.60	19.62		
15	64QAM	75	0	19.57	19.68	19.54		
15	256QAM	1	0	17.71	17.76	17.66	19	5
15	256QAM	1	37	17.64	17.73	17.57		
15	256QAM	1	74	17.56	17.56	17.57		
15	256QAM	36	0	17.73	17.75	17.63	19	5
15	256QAM	36	20	17.62	17.68	17.60		
15	256QAM	36	39	17.53	17.57	17.50		
15	256QAM	75	0	17.54	17.60	17.61		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.84	22.82	22.82	24	0
10	QPSK	1	25	22.70	22.74	22.66		
10	QPSK	1	49	22.64	22.70	22.69		
10	QPSK	25	0	21.66	21.70	21.68	23	1
10	QPSK	25	12	21.53	21.60	21.58		
10	QPSK	25	25	21.67	21.66	21.58		
10	QPSK	50	0	21.51	21.63	21.51		
10	16QAM	1	0	21.78	21.89	21.80	23	1
10	16QAM	1	25	21.69	21.72	21.70		
10	16QAM	1	49	21.79	21.75	21.68		
10	16QAM	25	0	20.73	20.78	20.65	22	2
10	16QAM	25	12	20.58	20.74	20.57		
10	16QAM	25	25	20.60	20.79	20.69		
10	16QAM	50	0	20.64	20.75	20.67		
10	64QAM	1	0	20.64	20.66	20.60	22	2
10	64QAM	1	25	20.73	20.50	20.54		
10	64QAM	1	49	20.58	20.67	20.52		
10	64QAM	25	0	19.62	19.70	19.65	21	3
10	64QAM	25	12	19.53	19.56	19.53		
10	64QAM	25	25	19.61	19.65	19.55		
10	64QAM	50	0	19.59	19.65	19.59		
10	256QAM	1	0	17.72	17.71	17.64	19	5
10	256QAM	1	25	17.61	17.64	17.59		
10	256QAM	1	49	17.51	17.58	17.63		
10	256QAM	25	0	17.68	17.79	17.69	19	5
10	256QAM	25	12	17.60	17.60	17.62		
10	256QAM	25	25	17.61	17.67	17.50		
10	256QAM	50	0	17.55	17.66	17.60		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.85	22.82	22.77	24	0
5	QPSK	1	12	22.63	22.68	22.60		
5	QPSK	1	24	22.65	22.73	22.76		
5	QPSK	12	0	21.65	21.75	21.75	23	1
5	QPSK	12	7	21.54	21.58	21.54		
5	QPSK	12	13	21.65	21.75	21.56		
5	QPSK	25	0	21.56	21.67	21.59		
5	16QAM	1	0	21.72	21.80	21.81	23	1
5	16QAM	1	12	21.71	21.72	21.67		
5	16QAM	1	24	21.80	21.79	21.61		
5	16QAM	12	0	20.64	20.74	20.61	22	2
5	16QAM	12	7	20.59	20.70	20.62		
5	16QAM	12	13	20.67	20.76	20.67		
5	16QAM	25	0	20.73	20.73	20.71		
5	64QAM	1	0	20.58	20.67	20.65	22	2
5	64QAM	1	12	20.66	20.58	20.50		
5	64QAM	1	24	20.63	20.67	20.55		
5	64QAM	12	0	19.62	19.74	19.63	21	3
5	64QAM	12	7	19.54	19.61	19.57		
5	64QAM	12	13	19.59	19.59	19.61		
5	64QAM	25	0	19.61	19.65	19.55		
5	256QAM	1	0	17.74	17.75	17.65	19	5
5	256QAM	1	12	17.63	17.66	17.63		
5	256QAM	1	24	17.61	17.68	17.59		
5	256QAM	12	0	17.62	17.80	17.66	19	5
5	256QAM	12	7	17.53	17.65	17.60		
5	256QAM	12	13	17.57	17.57	17.53		
5	256QAM	25	0	17.52	17.64	17.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.82	22.87	22.80	24	0
3	QPSK	1	8	22.64	22.75	22.62		
3	QPSK	1	14	22.66	22.73	22.75		
3	QPSK	8	0	21.66	21.76	21.63	23	1
3	QPSK	8	4	21.52	21.58	21.56		
3	QPSK	8	7	21.59	21.66	21.60		
3	QPSK	15	0	21.55	21.70	21.53		
3	16QAM	1	0	21.72	21.86	21.80	23	1
3	16QAM	1	8	21.63	21.75	21.64		
3	16QAM	1	14	21.73	21.77	21.69		
3	16QAM	8	0	20.75	20.80	20.72	22	2
3	16QAM	8	4	20.51	20.68	20.59		
3	16QAM	8	7	20.70	20.74	20.68		
3	16QAM	15	0	20.62	20.74	20.65		
3	64QAM	1	0	20.59	20.69	20.64	22	2
3	64QAM	1	8	20.65	20.54	20.51		
3	64QAM	1	14	20.59	20.62	20.54		
3	64QAM	8	0	19.58	19.73	19.64	21	3
3	64QAM	8	4	19.50	19.63	19.50		
3	64QAM	8	7	19.50	19.69	19.57		
3	64QAM	15	0	19.62	19.60	19.55		
3	256QAM	1	0	17.67	17.77	17.63	19	5
3	256QAM	1	8	17.65	17.71	17.63		
3	256QAM	1	14	17.61	17.63	17.63		
3	256QAM	8	0	17.71	17.81	17.68	19	5
3	256QAM	8	4	17.61	17.67	17.66		
3	256QAM	8	7	17.54	17.61	17.53		
3	256QAM	15	0	17.56	17.66	17.56		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.76	22.83	22.84	24	0
1.4	QPSK	1	3	22.70	22.70	22.60		
1.4	QPSK	1	5	22.69	22.79	22.68		
1.4	QPSK	3	0	22.79	22.86	22.84		
1.4	QPSK	3	1	22.63	22.74	22.64		
1.4	QPSK	3	3	22.67	22.73	22.72		
1.4	QPSK	6	0	21.56	21.74	21.65	23	1
1.4	16QAM	1	0	21.61	21.63	21.55	23	1
1.4	16QAM	1	3	21.60	21.75	21.56		
1.4	16QAM	1	5	21.58	21.72	21.51		
1.4	16QAM	3	0	21.61	21.67	21.71		
1.4	16QAM	3	1	21.52	21.68	21.51		
1.4	16QAM	3	3	21.59	21.64	21.56		
1.4	16QAM	6	0	20.59	20.64	20.52	22	2
1.4	64QAM	1	0	20.51	20.66	20.50	22	2
1.4	64QAM	1	3	20.56	20.60	20.59		
1.4	64QAM	1	5	20.51	20.63	20.52		
1.4	64QAM	3	0	20.56	20.68	20.57		
1.4	64QAM	3	1	20.50	20.63	20.53		
1.4	64QAM	3	3	20.59	20.66	20.58		
1.4	64QAM	6	0	19.55	19.59	19.60	21	3
1.4	256QAM	1	0	17.72	17.66	17.63	19	5
1.4	256QAM	1	3	17.59	17.71	17.61		
1.4	256QAM	1	5	17.52	17.58	17.60		
1.4	256QAM	3	0	17.65	17.82	17.65		
1.4	256QAM	3	1	17.64	17.67	17.58		
1.4	256QAM	3	3	17.59	17.57	17.52		
1.4	256QAM	6	0	17.51	17.64	17.57	19	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.69	22.79	22.66	24	0
20	QPSK	1	49	22.62	22.69	22.64		
20	QPSK	1	99	22.57	22.69	22.56		
20	QPSK	50	0	21.64	21.68	21.60	23	1
20	QPSK	50	24	21.45	21.51	21.42		
20	QPSK	50	50	21.49	21.51	21.44		
20	QPSK	100	0	21.53	21.60	21.53		
20	16QAM	1	0	21.72	21.77	21.68	23	1
20	16QAM	1	49	21.59	21.68	21.60		
20	16QAM	1	99	21.55	21.66	21.63		
20	16QAM	50	0	20.58	20.66	20.58	22	2
20	16QAM	50	24	20.56	20.63	20.50		
20	16QAM	50	50	20.60	20.66	20.60		
20	16QAM	100	0	20.55	20.67	20.57		
20	64QAM	1	0	20.62	20.93	20.81	22	2
20	64QAM	1	49	20.60	20.71	20.59		
20	64QAM	1	99	20.57	20.63	20.52		
20	64QAM	50	0	19.57	19.64	19.55	21	3
20	64QAM	50	24	19.44	19.52	19.44		
20	64QAM	50	50	19.43	19.53	19.45		
20	64QAM	100	0	19.42	19.54	19.45		
20	256QAM	1	0	17.62	17.70	17.61	19	5
20	256QAM	1	49	17.54	17.60	17.50		
20	256QAM	1	99	17.44	17.57	17.48		
20	256QAM	50	0	17.54	17.63	17.51	19	5
20	256QAM	50	24	17.43	17.48	17.43		
20	256QAM	50	50	17.41	17.54	17.49		
20	256QAM	100	0	17.41	17.54	17.48		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.58	22.72	22.53	24	0
15	QPSK	1	37	22.58	22.63	22.53		
15	QPSK	1	74	22.45	22.62	22.44		
15	QPSK	36	0	21.57	21.66	21.48	23	1
15	QPSK	36	20	21.31	21.40	21.30		
15	QPSK	36	39	21.32	21.39	21.40		
15	QPSK	75	0	21.44	21.55	21.49		
15	16QAM	1	0	21.60	21.74	21.57	23	1
15	16QAM	1	37	21.55	21.57	21.51		
15	16QAM	1	74	21.53	21.55	21.52		
15	16QAM	36	0	20.39	20.47	20.38	22	2
15	16QAM	36	20	20.37	20.43	20.32		
15	16QAM	36	39	20.38	20.41	20.40		
15	16QAM	75	0	20.35	20.48	20.35		
15	64QAM	1	0	20.61	20.69	20.55	22	2
15	64QAM	1	37	20.37	20.45	20.40		
15	64QAM	1	74	20.52	20.56	20.39		
15	64QAM	36	0	19.51	19.56	19.54	21	3
15	64QAM	36	20	19.40	19.54	19.46		
15	64QAM	36	39	19.36	19.47	19.36		
15	64QAM	75	0	19.41	19.47	19.38		
15	256QAM	1	0	17.44	17.56	17.47	19	5
15	256QAM	1	37	17.40	17.48	17.33		
15	256QAM	1	74	17.31	17.38	17.35		
15	256QAM	36	0	17.51	17.54	17.38	19	5
15	256QAM	36	20	17.40	17.46	17.35		
15	256QAM	36	39	17.38	17.51	17.42		
15	256QAM	75	0	17.34	17.40	17.43		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.57	22.67	22.55	24	0
10	QPSK	1	25	22.55	22.65	22.55		
10	QPSK	1	49	22.52	22.61	22.51		
10	QPSK	25	0	21.59	21.63	21.47	23	1
10	QPSK	25	12	21.31	21.42	21.34		
10	QPSK	25	25	21.36	21.46	21.34		
10	QPSK	50	0	21.48	21.53	21.44		
10	16QAM	1	0	21.69	21.66	21.65	23	1
10	16QAM	1	25	21.50	21.58	21.52		
10	16QAM	1	49	21.46	21.59	21.54		
10	16QAM	25	0	20.50	20.59	20.49	22	2
10	16QAM	25	12	20.44	20.58	20.43		
10	16QAM	25	25	20.55	20.58	20.51		
10	16QAM	50	0	20.46	20.55	20.50		
10	64QAM	1	0	20.78	20.83	20.76	22	2
10	64QAM	1	25	20.54	20.68	20.49		
10	64QAM	1	49	20.53	20.50	20.47		
10	64QAM	25	0	19.53	19.52	19.50	21	3
10	64QAM	25	12	19.31	19.45	19.40		
10	64QAM	25	25	19.36	19.44	19.33		
10	64QAM	50	0	19.38	19.42	19.32		
10	256QAM	1	0	17.54	17.58	17.53	19	5
10	256QAM	1	25	17.45	17.57	17.42		
10	256QAM	1	49	17.36	17.43	17.42		
10	256QAM	25	0	17.42	17.53	17.39	19	5
10	256QAM	25	12	17.31	17.36	17.31		
10	256QAM	25	25	17.34	17.45	17.46		
10	256QAM	50	0	17.39	17.48	17.34		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.55	22.71	22.61	24	0
5	QPSK	1	12	22.60	22.62	22.58		
5	QPSK	1	24	22.45	22.65	22.43		
5	QPSK	12	0	21.54	21.65	21.48	23	1
5	QPSK	12	7	21.41	21.43	21.32		
5	QPSK	12	13	21.36	21.40	21.38		
5	QPSK	25	0	21.48	21.54	21.39		
5	16QAM	1	0	21.63	21.73	21.56	23	1
5	16QAM	1	12	21.51	21.54	21.55		
5	16QAM	1	24	21.53	21.55	21.56		
5	16QAM	12	0	20.55	20.63	20.54	22	2
5	16QAM	12	7	20.50	20.59	20.41		
5	16QAM	12	13	20.57	20.54	20.50		
5	16QAM	25	0	20.45	20.56	20.49		
5	64QAM	1	0	20.75	20.83	20.71	22	2
5	64QAM	1	12	20.49	20.64	20.54		
5	64QAM	1	24	20.45	20.58	20.50		
5	64QAM	12	0	19.53	19.55	19.47	21	3
5	64QAM	12	7	19.31	19.40	19.40		
5	64QAM	12	13	19.39	19.42	19.34		
5	64QAM	25	0	19.33	19.49	19.38		
5	256QAM	1	0	17.59	17.65	17.54	19	5
5	256QAM	1	12	17.41	17.47	17.43		
5	256QAM	1	24	17.41	17.53	17.37		
5	256QAM	12	0	17.46	17.56	17.42	19	5
5	256QAM	12	7	17.30	17.41	17.35		
5	256QAM	12	13	17.38	17.42	17.43		
5	256QAM	25	0	17.34	17.51	17.43		

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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	23.06	23.12	22.99	24	0
20	QPSK	1	49	22.98	23.00	22.96		
20	QPSK	1	99	22.98	23.04	22.88		
20	QPSK	50	0	21.90	22.03	21.94	23	1
20	QPSK	50	24	21.82	21.91	21.82		
20	QPSK	50	50	21.89	21.93	21.96		
20	QPSK	100	0	21.83	21.91	21.85		
20	16QAM	1	0	21.96	22.00	21.93	23	1
20	16QAM	1	49	21.82	21.86	21.80		
20	16QAM	1	99	21.83	21.94	21.83		
20	16QAM	50	0	20.97	21.05	20.96	22	2
20	16QAM	50	24	20.80	20.90	20.83		
20	16QAM	50	50	20.76	20.93	20.83		
20	16QAM	100	0	20.90	20.95	20.90		
20	64QAM	1	0	21.03	21.12	20.91	22	2
20	64QAM	1	49	21.02	21.08	21.02		
20	64QAM	1	99	20.80	20.96	20.85		
20	64QAM	50	0	19.88	20.01	19.90	21	3
20	64QAM	50	24	19.89	19.93	19.86		
20	64QAM	50	50	19.82	19.99	19.85		
20	64QAM	100	0	19.91	19.88	19.81		
20	256QAM	1	0	17.93	18.05	18.00	19	5
20	256QAM	1	49	17.88	17.97	17.83		
20	256QAM	1	99	17.81	17.95	17.88		
20	256QAM	50	0	17.87	17.97	17.98	19	5
20	256QAM	50	24	17.79	17.95	17.87		
20	256QAM	50	50	17.85	17.93	17.87		
20	256QAM	100	0	17.80	17.85	17.77		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.61	22.63	22.54	24	0
15	QPSK	1	37	22.59	22.63	22.47		
15	QPSK	1	74	22.48	22.58	22.51		
15	QPSK	36	0	21.43	21.55	21.52	23	1
15	QPSK	36	20	21.49	21.51	21.43		
15	QPSK	36	39	21.51	21.59	21.56		
15	QPSK	75	0	21.43	21.55	21.47		
15	16QAM	1	0	21.54	21.61	21.54	23	1
15	16QAM	1	37	21.38	21.47	21.39		
15	16QAM	1	74	21.38	21.50	21.48		
15	16QAM	36	0	20.53	20.55	20.53	22	2
15	16QAM	36	20	20.37	20.49	20.39		
15	16QAM	36	39	20.32	20.52	20.33		
15	16QAM	75	0	20.43	20.49	20.41		
15	64QAM	1	0	20.59	20.64	20.55	22	2
15	64QAM	1	37	20.57	20.65	20.58		
15	64QAM	1	74	20.41	20.54	20.38		
15	64QAM	36	0	19.42	19.60	19.57	21	3
15	64QAM	36	20	19.47	19.53	19.49		
15	64QAM	36	39	19.46	19.51	19.36		
15	64QAM	75	0	19.50	19.54	19.34		
15	256QAM	1	0	17.45	17.62	17.53	19	5
15	256QAM	1	37	17.47	17.55	17.44		
15	256QAM	1	74	17.34	17.49	17.41		
15	256QAM	36	0	17.48	17.49	17.51	19	5
15	256QAM	36	20	17.43	17.53	17.43		
15	256QAM	36	39	17.40	17.44	17.45		
15	256QAM	75	0	17.34	17.41	17.38		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.70	22.74	22.55	24	0
10	QPSK	1	25	22.61	22.62	22.50		
10	QPSK	1	49	22.56	22.60	22.52		
10	QPSK	25	0	21.39	21.55	21.52	23	1
10	QPSK	25	12	21.42	21.50	21.34		
10	QPSK	25	25	21.48	21.51	21.51		
10	QPSK	50	0	21.37	21.46	21.41		
10	16QAM	1	0	21.57	21.63	21.57	23	1
10	16QAM	1	25	21.36	21.42	21.29		
10	16QAM	1	49	21.38	21.55	21.46		
10	16QAM	25	0	20.59	20.53	20.51	22	2
10	16QAM	25	12	20.44	20.50	20.34		
10	16QAM	25	25	20.37	20.52	20.33		
10	16QAM	50	0	20.53	20.50	20.43		
10	64QAM	1	0	20.56	20.65	20.57	22	2
10	64QAM	1	25	20.56	20.60	20.51		
10	64QAM	1	49	20.37	20.51	20.39		
10	64QAM	25	0	19.50	19.58	19.52	21	3
10	64QAM	25	12	19.50	19.47	19.45		
10	64QAM	25	25	19.37	19.55	19.45		
10	64QAM	50	0	19.48	19.50	19.38		
10	256QAM	1	0	17.45	17.58	17.61	19	5
10	256QAM	1	25	17.41	17.51	17.43		
10	256QAM	1	49	17.39	17.43	17.47		
10	256QAM	25	0	17.47	17.58	17.58	19	5
10	256QAM	25	12	17.38	17.55	17.45		
10	256QAM	25	25	17.42	17.50	17.43		
10	256QAM	50	0	17.37	17.42	17.40		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.63	22.67	22.62	24	0
5	QPSK	1	12	22.52	22.60	22.49		
5	QPSK	1	24	22.48	22.61	22.48		
5	QPSK	12	0	21.50	21.52	21.57	23	1
5	QPSK	12	7	21.40	21.48	21.39		
5	QPSK	12	13	21.46	21.50	21.56		
5	QPSK	25	0	21.38	21.55	21.45		
5	16QAM	1	0	21.61	21.55	21.52	23	1
5	16QAM	1	12	21.37	21.39	21.32		
5	16QAM	1	24	21.41	21.50	21.48		
5	16QAM	12	0	20.55	20.55	20.50	22	2
5	16QAM	12	7	20.35	20.49	20.32		
5	16QAM	12	13	20.32	20.43	20.43		
5	16QAM	25	0	20.53	20.49	20.38		
5	64QAM	1	0	20.53	20.63	20.48	22	2
5	64QAM	1	12	20.59	20.70	20.60		
5	64QAM	1	24	20.45	20.51	20.47		
5	64QAM	12	0	19.48	19.60	19.55	21	3
5	64QAM	12	7	19.49	19.56	19.41		
5	64QAM	12	13	19.41	19.54	19.45		
5	64QAM	25	0	19.50	19.44	19.37		
5	256QAM	1	0	17.46	17.60	17.51	19	5
5	256QAM	1	12	17.44	17.44	17.46		
5	256QAM	1	24	17.41	17.46	17.40		
5	256QAM	12	0	17.43	17.52	17.57	19	5
5	256QAM	12	7	17.37	17.56	17.45		
5	256QAM	12	13	17.41	17.46	17.39		
5	256QAM	25	0	17.35	17.40	17.41		

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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	23.04	23.01	23.14	23.07	22.94	24	0
20	QPSK	1	49	22.97	23.07	23.07	23.07	23.02		
20	QPSK	1	99	23.03	23.04	23.09	23.05	23.04		
20	QPSK	50	0	22.14	22.09	22.18	22.09	22.14	23	1
20	QPSK	50	24	22.05	22.00	22.17	22.02	22.05		
20	QPSK	50	50	22.09	22.01	22.13	21.96	21.96		
20	QPSK	100	0	22.00	22.04	22.13	21.98	22.07		
20	16QAM	1	0	22.16	22.03	22.16	22.07	22.19	23	1
20	16QAM	1	49	22.01	22.03	22.06	22.04	22.03		
20	16QAM	1	99	21.93	21.94	22.00	21.96	21.98		
20	16QAM	50	0	21.08	21.13	21.17	21.13	21.08	22	2
20	16QAM	50	24	21.01	20.94	21.09	21.02	20.98		
20	16QAM	50	50	21.01	20.94	21.08	21.01	20.98		
20	16QAM	100	0	20.97	21.03	21.10	20.95	20.99		
20	64QAM	1	0	21.27	21.35	21.38	21.32	21.27	22	2
20	64QAM	1	49	21.02	21.03	21.14	21.02	21.01		
20	64QAM	1	99	21.03	21.09	21.12	21.00	21.06		
20	64QAM	50	0	20.18	20.16	20.13	20.11	20.07	21	3
20	64QAM	50	24	19.96	19.99	20.03	20.02	19.91		
20	64QAM	50	50	20.09	20.07	20.10	19.99	20.00		
20	64QAM	100	0	19.94	19.98	20.04	20.00	19.96		
20	256QAM	1	0	18.00	17.95	18.08	18.04	18.10	19	5
20	256QAM	1	49	17.95	17.96	17.98	17.91	17.87		
20	256QAM	1	99	17.85	17.93	18.00	17.92	17.96		
20	256QAM	50	0	18.09	18.07	18.10	18.07	18.07	19	5
20	256QAM	50	24	17.91	17.85	18.04	17.89	17.88		
20	256QAM	50	50	17.97	17.92	18.01	17.80	17.96		
20	256QAM	100	0	17.95	17.92	18.01	17.96	17.91		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.52	22.48	22.75	22.47	22.52	24	0
15	QPSK	1	37	22.43	22.53	22.60	22.56	22.48		
15	QPSK	1	74	22.58	22.59	22.64	22.56	22.52		
15	QPSK	36	0	21.57	21.61	21.66	21.59	21.63	23	1
15	QPSK	36	20	21.54	21.45	21.55	21.54	21.55		
15	QPSK	36	39	21.53	21.42	21.56	21.44	21.41		
15	QPSK	75	0	21.51	21.58	21.62	21.44	21.53		
15	16QAM	1	0	21.55	21.58	21.68	21.49	21.63	23	1
15	16QAM	1	37	21.43	21.49	21.52	21.46	21.48		
15	16QAM	1	74	21.36	21.48	21.52	21.48	21.50		
15	16QAM	36	0	20.61	20.56	20.61	20.63	20.52	22	2
15	16QAM	36	20	20.46	20.41	20.52	20.43	20.50		
15	16QAM	36	39	20.56	20.42	20.57	20.52	20.48		
15	16QAM	75	0	20.40	20.58	20.60	20.44	20.51		
15	64QAM	1	0	20.73	20.76	20.77	20.77	20.80	22	2
15	64QAM	1	37	20.44	20.44	20.61	20.49	20.44		
15	64QAM	1	74	20.57	20.58	20.63	20.52	20.58		
15	64QAM	36	0	19.57	19.64	19.68	19.53	19.51	21	3
15	64QAM	36	20	19.42	19.47	19.55	19.49	19.39		
15	64QAM	36	39	19.49	19.51	19.56	19.50	19.40		
15	64QAM	75	0	19.40	19.41	19.58	19.42	19.46		
15	256QAM	1	0	17.43	17.42	17.54	17.43	17.54	19	5
15	256QAM	1	37	17.46	17.42	17.53	17.37	17.39		
15	256QAM	1	74	17.35	17.45	17.54	17.43	17.47		
15	256QAM	36	0	17.51	17.60	17.61	17.58	17.45	19	5
15	256QAM	36	20	17.34	17.32	17.49	17.37	17.32		
15	256QAM	36	39	17.38	17.31	17.40	17.26	17.44		
15	256QAM	75	0	17.48	17.37	17.50	17.36	17.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.49	22.52	22.74	22.54	22.44	24	0
10	QPSK	1	25	22.46	22.53	22.63	22.57	22.56		
10	QPSK	1	49	22.56	22.58	22.65	22.51	22.57		
10	QPSK	25	0	21.64	21.57	21.62	21.49	21.55	23	1
10	QPSK	25	12	21.54	21.43	21.59	21.53	21.46		
10	QPSK	25	25	21.55	21.42	21.52	21.43	21.42		
10	QPSK	50	0	21.51	21.59	21.59	21.49	21.59		
10	16QAM	1	0	21.62	21.56	21.66	21.53	21.64	23	1
10	16QAM	1	25	21.40	21.44	21.53	21.54	21.45		
10	16QAM	1	49	21.41	21.49	21.53	21.49	21.44		
10	16QAM	25	0	20.64	20.55	20.62	20.58	20.48	22	2
10	16QAM	25	12	20.46	20.41	20.59	20.40	20.52		
10	16QAM	25	25	20.47	20.37	20.53	20.47	20.46		
10	16QAM	50	0	20.39	20.50	20.54	20.49	20.49		
10	64QAM	1	0	20.76	20.79	20.83	20.77	20.77	22	2
10	64QAM	1	25	20.41	20.47	20.58	20.49	20.43		
10	64QAM	1	49	20.52	20.56	20.57	20.47	20.61		
10	64QAM	25	0	19.58	19.56	19.67	19.59	19.53	21	3
10	64QAM	25	12	19.45	19.47	19.46	19.45	19.32		
10	64QAM	25	25	19.51	19.49	19.58	19.45	19.45		
10	64QAM	50	0	19.43	19.43	19.53	19.38	19.40		
10	256QAM	1	0	17.50	17.46	17.55	17.51	17.56	19	5
10	256QAM	1	25	17.41	17.44	17.48	17.41	17.31		
10	256QAM	1	49	17.41	17.41	17.46	17.36	17.42		
10	256QAM	25	0	17.48	17.59	17.54	17.51	17.53	19	5
10	256QAM	25	12	17.40	17.35	17.47	17.29	17.40		
10	256QAM	25	25	17.40	17.38	17.41	17.35	17.38		
10	256QAM	50	0	17.49	17.38	17.53	17.41	17.41		
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	22.55	22.49	22.71	22.56	22.47	24	0
5	QPSK	1	12	22.49	22.45	22.61	22.53	22.49		
5	QPSK	1	24	22.56	22.53	22.57	22.46	22.49		
5	QPSK	12	0	21.53	21.58	21.62	21.60	21.59	23	1
5	QPSK	12	7	21.52	21.48	21.58	21.54	21.54		
5	QPSK	12	13	21.51	21.49	21.57	21.53	21.45		
5	QPSK	25	0	21.51	21.54	21.58	21.43	21.51		
5	16QAM	1	0	21.58	21.48	21.64	21.55	21.67	23	1
5	16QAM	1	12	21.43	21.49	21.62	21.47	21.52		
5	16QAM	1	24	21.38	21.42	21.51	21.41	21.53		
5	16QAM	12	0	20.59	20.62	20.64	20.63	20.52	22	2
5	16QAM	12	7	20.43	20.40	20.62	20.44	20.45		
5	16QAM	12	13	20.45	20.42	20.62	20.50	20.42		
5	16QAM	25	0	20.48	20.47	20.62	20.46	20.52		
5	64QAM	1	0	20.73	20.84	20.88	20.80	20.78	22	2
5	64QAM	1	12	20.50	20.52	20.55	20.47	20.53		
5	64QAM	1	24	20.57	20.48	20.63	20.47	20.61		
5	64QAM	12	0	19.66	19.62	19.64	19.54	19.53	21	3
5	64QAM	12	7	19.43	19.50	19.49	19.44	19.39		
5	64QAM	12	13	19.56	19.49	19.64	19.43	19.52		
5	64QAM	25	0	19.39	19.41	19.52	19.41	19.43		
5	256QAM	1	0	17.53	17.51	17.59	17.51	17.59	19	5
5	256QAM	1	12	17.45	17.44	17.47	17.35	17.38		
5	256QAM	1	24	17.33	17.41	17.45	17.39	17.39		
5	256QAM	12	0	17.55	17.52	17.59	17.55	17.54	19	5
5	256QAM	12	7	17.35	17.38	17.52	17.36	17.38		
5	256QAM	12	13	17.40	17.41	17.43	17.32	17.38		
5	256QAM	25	0	17.40	17.46	17.48	17.43	17.43		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.01	25.97	26.19	25.95	25.97	27	0
20	QPSK	1	49	26.02	25.92	26.03	25.94	25.95		
20	QPSK	1	99	26.03	26.04	26.12	26.04	26.08		
20	QPSK	50	0	24.97	24.91	25.11	24.96	24.94	26	1
20	QPSK	50	24	24.93	24.83	24.98	24.84	24.90		
20	QPSK	50	50	24.85	24.85	24.93	24.91	24.90		
20	QPSK	100	0	25.05	25.01	25.09	24.97	25.03		
20	16QAM	1	0	25.25	25.17	25.34	25.26	25.28	26	1
20	16QAM	1	49	24.85	24.91	24.98	24.78	24.89		
20	16QAM	1	99	24.91	24.96	24.97	24.84	24.88		
20	16QAM	50	0	23.89	23.87	24.00	24.04	23.90	25	2
20	16QAM	50	24	23.77	23.80	23.88	23.81	23.74		
20	16QAM	50	50	23.74	23.81	23.91	23.73	23.79		
20	16QAM	100	0	23.93	23.93	23.91	23.87	23.93		
20	64QAM	1	0	24.43	24.30	24.42	24.40	24.34	25	2
20	64QAM	1	49	23.88	23.92	23.97	23.83	23.90		
20	64QAM	1	99	23.96	23.94	24.01	23.89	23.85		
20	64QAM	50	0	22.93	22.92	23.06	22.98	22.89	24	3
20	64QAM	50	24	22.85	22.98	22.96	22.93	22.81		
20	64QAM	50	50	22.86	22.77	22.94	22.84	22.83		
20	64QAM	100	0	22.85	22.92	23.01	22.94	22.85		
20	256QAM	1	0	21.09	21.04	21.20	21.08	21.17	22	5
20	256QAM	1	49	21.09	21.07	21.09	21.06	21.06		
20	256QAM	1	99	21.06	21.02	21.07	21.07	21.02		
20	256QAM	50	0	20.98	20.98	21.04	21.00	20.97	22	5
20	256QAM	50	24	21.06	20.98	21.09	21.08	21.00		
20	256QAM	50	50	21.11	21.06	21.13	21.08	21.09		
20	256QAM	100	0	21.07	21.04	21.11	20.99	21.06		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.53	25.51	25.76	25.58	25.51	27	0
15	QPSK	1	37	25.52	25.56	25.63	25.59	25.52		
15	QPSK	1	74	25.53	25.56	25.74	25.61	25.57		
15	QPSK	36	0	24.49	24.45	24.56	24.54	24.48	26	1
15	QPSK	36	20	24.44	24.41	24.54	24.44	24.56		
15	QPSK	36	39	24.40	24.44	24.44	24.52	24.50		
15	QPSK	75	0	24.58	24.59	24.59	24.55	24.55		
15	16QAM	1	0	24.83	24.70	24.84	24.81	24.86	26	1
15	16QAM	1	37	24.38	24.51	24.47	24.41	24.43		
15	16QAM	1	74	24.47	24.50	24.60	24.41	24.46		
15	16QAM	36	0	23.55	23.49	23.56	23.50	23.49	25	2
15	16QAM	36	20	23.36	23.37	23.42	23.34	23.31		
15	16QAM	36	39	23.37	23.34	23.45	23.31	23.41		
15	16QAM	75	0	23.47	23.51	23.58	23.44	23.48		
15	64QAM	1	0	24.00	23.88	24.02	23.96	23.88	25	2
15	64QAM	1	37	23.51	23.40	23.49	23.39	23.51		
15	64QAM	1	74	23.51	23.47	23.53	23.46	23.39		
15	64QAM	36	0	22.42	22.47	22.64	22.52	22.41	24	3
15	64QAM	36	20	22.41	22.51	22.61	22.45	22.41		
15	64QAM	36	39	22.39	22.29	22.51	22.48	22.46		
15	64QAM	75	0	22.47	22.44	22.56	22.56	22.41		
15	256QAM	1	0	20.62	20.64	20.73	20.64	20.70	22	5
15	256QAM	1	37	20.62	20.65	20.69	20.63	20.60		
15	256QAM	1	74	20.65	20.51	20.66	20.65	20.60		
15	256QAM	36	0	20.59	20.64	20.64	20.54	20.53	22	5
15	256QAM	36	20	20.65	20.57	20.74	20.62	20.56		
15	256QAM	36	39	20.67	20.66	20.67	20.59	20.65		
15	256QAM	75	0	20.59	20.61	20.58	20.48	20.60		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.54	25.46	25.69	25.56	25.54	27	0
10	QPSK	1	25	25.61	25.54	25.68	25.52	25.52		
10	QPSK	1	49	25.60	25.55	25.68	25.70	25.58		
10	QPSK	25	0	24.60	24.42	24.57	24.48	24.54	26	1
10	QPSK	25	12	24.50	24.46	24.58	24.47	24.52		
10	QPSK	25	25	24.37	24.41	24.47	24.41	24.48		
10	QPSK	50	0	24.60	24.60	24.59	24.51	24.58		
10	16QAM	1	0	24.84	24.73	24.88	24.85	24.83	26	1
10	16QAM	1	25	24.37	24.52	24.56	24.33	24.48		
10	16QAM	1	49	24.49	24.55	24.58	24.38	24.46		
10	16QAM	25	0	23.47	23.51	23.63	23.61	23.51	25	2
10	16QAM	25	12	23.36	23.28	23.47	23.36	23.40		
10	16QAM	25	25	23.40	23.37	23.43	23.34	23.42		
10	16QAM	50	0	23.41	23.47	23.52	23.48	23.52		
10	64QAM	1	0	23.95	23.94	23.99	23.95	23.96	25	2
10	64QAM	1	25	23.52	23.45	23.57	23.36	23.43		
10	64QAM	1	49	23.47	23.53	23.50	23.45	23.47		
10	64QAM	25	0	22.48	22.43	22.61	22.57	22.46	24	3
10	64QAM	25	12	22.39	22.48	22.52	22.44	22.44		
10	64QAM	25	25	22.39	22.34	22.53	22.38	22.43		
10	64QAM	50	0	22.46	22.49	22.61	22.51	22.44		
10	256QAM	1	0	20.57	20.70	20.75	20.60	20.72	22	5
10	256QAM	1	25	20.70	20.66	20.77	20.67	20.62		
10	256QAM	1	49	20.66	20.56	20.62	20.64	20.60		
10	256QAM	25	0	20.57	20.63	20.62	20.57	20.55	22	5
10	256QAM	25	12	20.66	20.61	20.70	20.56	20.63		
10	256QAM	25	25	20.63	20.66	20.73	20.61	20.64		
10	256QAM	50	0	20.56	20.55	20.67	20.56	20.65		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.58	25.54	25.73	25.53	25.48	27	0
5	QPSK	1	12	25.53	25.52	25.63	25.54	25.51		
5	QPSK	1	24	25.58	25.58	25.67	25.64	25.59		
5	QPSK	12	0	24.49	24.52	24.55	24.55	24.56	26	1
5	QPSK	12	7	24.52	24.41	24.50	24.46	24.51		
5	QPSK	12	13	24.36	24.38	24.53	24.48	24.51		
5	QPSK	25	0	24.62	24.60	24.63	24.46	24.61		
5	16QAM	1	0	24.83	24.71	24.86	24.89	24.80	26	1
5	16QAM	1	12	24.47	24.51	24.46	24.32	24.45		
5	16QAM	1	24	24.49	24.53	24.54	24.42	24.45		
5	16QAM	12	0	23.51	23.53	23.61	23.59	23.51	25	2
5	16QAM	12	7	23.32	23.31	23.43	23.32	23.37		
5	16QAM	12	13	23.40	23.44	23.49	23.32	23.34		
5	16QAM	25	0	23.49	23.44	23.58	23.45	23.47		
5	64QAM	1	0	24.02	23.96	23.99	24.01	23.88	25	2
5	64QAM	1	12	23.51	23.48	23.54	23.39	23.46		
5	64QAM	1	24	23.49	23.52	23.59	23.48	23.44		
5	64QAM	12	0	22.42	22.52	22.60	22.59	22.41	24	3
5	64QAM	12	7	22.39	22.52	22.50	22.47	22.41		
5	64QAM	12	13	22.44	22.37	22.47	22.47	22.46		
5	64QAM	25	0	22.41	22.41	22.62	22.49	22.43		
5	256QAM	1	0	20.65	20.61	20.75	20.59	20.76	22	5
5	256QAM	1	12	20.73	20.67	20.68	20.67	20.57		
5	256QAM	1	24	20.58	20.53	20.67	20.63	20.58		
5	256QAM	12	0	20.61	20.63	20.57	20.56	20.52	22	5
5	256QAM	12	7	20.59	20.57	20.71	20.60	20.52		
5	256QAM	12	13	20.60	20.61	20.75	20.69	20.65		
5	256QAM	25	0	20.57	20.64	20.61	20.51	20.60		

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BW [MHz]	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	18.36	18.55	18.31	19.8	0
20	QPSK	1	49	18.44	18.42	18.38		
20	QPSK	1	99	18.43	18.54	18.42		
20	QPSK	50	0	18.28	18.49	18.22	19.8	0
20	QPSK	50	24	18.38	18.34	18.31		
20	QPSK	50	50	18.41	18.46	18.38		
20	QPSK	100	0	18.26	18.49	18.24		
20	16QAM	1	0	18.36	18.33	18.35	19.8	0
20	16QAM	1	49	18.38	18.49	18.34		
20	16QAM	1	99	18.31	18.51	18.27		
20	16QAM	50	0	18.41	18.33	18.37	19.8	0
20	16QAM	50	24	18.35	18.49	18.32		
20	16QAM	50	50	18.33	18.48	18.28		
20	16QAM	100	0	18.39	18.31	18.32		
20	64QAM	1	0	18.40	18.50	18.35	19.8	0
20	64QAM	1	49	18.26	18.46	18.21		
20	64QAM	1	99	18.42	18.40	18.28		
20	64QAM	50	0	18.35	18.53	18.39	19.8	0
20	64QAM	50	24	18.25	18.46	18.25		
20	64QAM	50	50	18.41	18.39	18.37		
20	64QAM	100	0	18.32	18.48	18.34		
20	256QAM	1	0	17.92	18.05	17.93	19	0.8
20	256QAM	1	49	17.98	18.00	17.94		
20	256QAM	1	99	17.91	17.98	17.91		
20	256QAM	50	0	17.98	18.05	18.02	19	0.8
20	256QAM	50	24	17.84	17.97	17.91		
20	256QAM	50	50	17.89	17.95	17.85		
20	256QAM	100	0	17.78	17.91	17.84		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.30	18.45	18.28	19.8	0
15	QPSK	1	37	18.36	18.38	18.30		
15	QPSK	1	74	18.36	18.46	18.41		
15	QPSK	36	0	18.21	18.48	18.16	19.8	0
15	QPSK	36	20	18.32	18.28	18.30		
15	QPSK	36	39	18.39	18.44	18.35		
15	QPSK	75	0	18.25	18.43	18.17		
15	16QAM	1	0	18.28	18.26	18.32	19.8	0
15	16QAM	1	37	18.33	18.42	18.30		
15	16QAM	1	74	18.27	18.45	18.25		
15	16QAM	36	0	18.30	18.31	18.34	19.8	0
15	16QAM	36	20	18.26	18.38	18.31		
15	16QAM	36	39	18.27	18.43	18.20		
15	16QAM	75	0	18.28	18.25	18.30		
15	64QAM	1	0	18.33	18.46	18.31	19.8	0
15	64QAM	1	37	18.23	18.42	18.18		
15	64QAM	1	74	18.39	18.37	18.25		
15	64QAM	36	0	18.26	18.47	18.36	19.8	0
15	64QAM	36	20	18.18	18.39	18.18		
15	64QAM	36	39	18.34	18.30	18.36		
15	64QAM	75	0	18.22	18.39	18.29		
15	256QAM	1	0	17.87	18.02	17.88	19	0.8
15	256QAM	1	37	17.89	17.87	17.87		
15	256QAM	1	74	17.82	17.95	17.77		
15	256QAM	36	0	17.84	17.97	17.92	19	0.8
15	256QAM	36	20	17.73	17.92	17.84		
15	256QAM	36	39	17.82	17.91	17.78		
15	256QAM	75	0	17.70	17.78	17.80		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.32	18.53	18.25	19.8	0
10	QPSK	1	25	18.35	18.36	18.27		
10	QPSK	1	49	18.41	18.51	18.31		
10	QPSK	25	0	18.19	18.43	18.14	19.8	0
10	QPSK	25	12	18.31	18.31	18.22		
10	QPSK	25	25	18.32	18.43	18.30		
10	QPSK	50	0	18.18	18.41	18.14		
10	16QAM	1	0	18.26	18.23	18.30	19.8	0
10	16QAM	1	25	18.35	18.43	18.31		
10	16QAM	1	49	18.22	18.48	18.22		
10	16QAM	25	0	18.36	18.27	18.27	19.8	0
10	16QAM	25	12	18.28	18.43	18.22		
10	16QAM	25	25	18.29	18.47	18.18		
10	16QAM	50	0	18.34	18.27	18.25		
10	64QAM	1	0	18.31	18.45	18.30	19.8	0
10	64QAM	1	25	18.21	18.43	18.10		
10	64QAM	1	49	18.34	18.37	18.27		
10	64QAM	25	0	18.28	18.43	18.31	19.8	0
10	64QAM	25	12	18.19	18.41	18.20		
10	64QAM	25	25	18.31	18.29	18.29		
10	64QAM	50	0	18.24	18.41	18.25		
10	256QAM	1	0	17.82	17.93	17.89	19	0.8
10	256QAM	1	25	17.95	17.94	17.86		
10	256QAM	1	49	17.88	17.84	17.85		
10	256QAM	25	0	17.91	17.92	17.99	19	0.8
10	256QAM	25	12	17.81	17.85	17.86		
10	256QAM	25	25	17.87	17.88	17.77		
10	256QAM	50	0	17.71	17.89	17.72		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.33	18.53	18.22	19.8	0
5	QPSK	1	12	18.40	18.33	18.34		
5	QPSK	1	24	18.34	18.43	18.41		
5	QPSK	12	0	18.25	18.46	18.14	19.8	0
5	QPSK	12	7	18.36	18.26	18.27		
5	QPSK	12	13	18.37	18.44	18.30		
5	QPSK	25	0	18.16	18.46	18.17		
5	16QAM	1	0	18.26	18.25	18.34	19.8	0
5	16QAM	1	12	18.30	18.43	18.31		
5	16QAM	1	24	18.27	18.49	18.23		
5	16QAM	12	0	18.39	18.24	18.31	19.8	0
5	16QAM	12	7	18.28	18.39	18.23		
5	16QAM	12	13	18.32	18.45	18.23		
5	16QAM	25	0	18.29	18.26	18.30		
5	64QAM	1	0	18.37	18.46	18.32	19.8	0
5	64QAM	1	12	18.18	18.41	18.16		
5	64QAM	1	24	18.39	18.32	18.26		
5	64QAM	12	0	18.27	18.49	18.32	19.8	0
5	64QAM	12	7	18.23	18.38	18.23		
5	64QAM	12	13	18.36	18.34	18.35		
5	64QAM	25	0	18.21	18.45	18.29		
5	256QAM	1	0	17.83	17.93	17.84	19	0.8
5	256QAM	1	12	17.88	17.92	17.82		
5	256QAM	1	24	17.85	17.89	17.80		
5	256QAM	12	0	17.85	17.93	17.95	19	0.8
5	256QAM	12	7	17.79	17.91	17.88		
5	256QAM	12	13	17.81	17.88	17.79		
5	256QAM	25	0	17.65	17.80	17.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.78	18.85	18.72	19.8	0
20	QPSK	1	49	18.53	18.70	18.51		
20	QPSK	1	99	18.63	18.77	18.74		
20	QPSK	50	0	18.70	18.79	18.51	19.8	0
20	QPSK	50	24	18.33	18.63	18.46		
20	QPSK	50	50	18.45	18.78	18.52		
20	QPSK	100	0	18.69	18.83	18.63		
20	16QAM	1	0	18.40	18.56	18.42	19.8	0
20	16QAM	1	49	18.47	18.73	18.75		
20	16QAM	1	99	18.62	18.66	18.70		
20	16QAM	50	0	18.48	18.57	18.31	19.8	0
20	16QAM	50	24	18.52	18.67	18.59		
20	16QAM	50	50	18.64	18.84	18.54		
20	16QAM	100	0	18.47	18.55	18.50		
20	64QAM	1	0	18.51	18.74	18.63	19.8	0
20	64QAM	1	49	18.64	18.82	18.72		
20	64QAM	1	99	18.45	18.50	18.35		
20	64QAM	50	0	18.42	18.53	18.39	19.5	0.3
20	64QAM	50	24	18.44	18.47	18.39		
20	64QAM	50	50	18.35	18.48	18.38		
20	64QAM	100	0	18.34	18.42	18.28		
20	256QAM	1	0	16.50	16.59	16.46	17.5	2.3
20	256QAM	1	49	16.40	16.45	16.38		
20	256QAM	1	99	16.37	16.46	16.35		
20	256QAM	50	0	16.52	16.65	16.59	17.5	2.3
20	256QAM	50	24	16.36	16.48	16.41		
20	256QAM	50	50	16.37	16.50	16.47		
20	256QAM	100	0	16.47	16.50	16.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.78	18.79	18.67	19.8	0
15	QPSK	1	37	18.53	18.61	18.39		
15	QPSK	1	74	18.63	18.78	18.57		
15	QPSK	36	0	18.60	18.67	18.45	19.8	0
15	QPSK	36	20	18.29	18.57	18.45		
15	QPSK	36	39	18.24	18.58	18.45		
15	QPSK	75	0	18.71	18.81	18.42		
15	16QAM	1	0	18.28	18.46	18.34	19.8	0
15	16QAM	1	37	18.44	18.61	18.58		
15	16QAM	1	74	18.53	18.62	18.60		
15	16QAM	36	0	18.29	18.41	18.22	19.8	0
15	16QAM	36	20	18.41	18.50	18.55		
15	16QAM	36	39	18.49	18.62	18.42		
15	16QAM	75	0	18.44	18.49	18.52		
15	64QAM	1	0	18.49	18.52	18.43	19.8	0
15	64QAM	1	37	18.60	18.61	18.69		
15	64QAM	1	74	18.23	18.47	18.15		
15	64QAM	36	0	18.36	18.50	18.35	19.5	0.3
15	64QAM	36	20	18.39	18.41	18.31		
15	64QAM	36	39	18.30	18.38	18.33		
15	64QAM	75	0	18.29	18.40	18.18		
15	256QAM	1	0	16.37	16.46	16.35	17.5	2.3
15	256QAM	1	37	16.36	16.38	16.28		
15	256QAM	1	74	16.27	16.34	16.33		
15	256QAM	36	0	16.40	16.52	16.45	17.5	2.3
15	256QAM	36	20	16.24	16.35	16.35		
15	256QAM	36	39	16.33	16.43	16.36		
15	256QAM	75	0	16.43	16.36	16.30		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.68	18.71	18.54	19.8	0
10	QPSK	1	25	18.32	18.56	18.38		
10	QPSK	1	49	18.51	18.71	18.69		
10	QPSK	25	0	18.59	18.74	18.49	19.8	0
10	QPSK	25	12	18.14	18.50	18.41		
10	QPSK	25	25	18.26	18.73	18.35		
10	QPSK	50	0	18.52	18.69	18.45		
10	16QAM	1	0	18.35	18.45	18.37	19.8	0
10	16QAM	1	25	18.25	18.66	18.70		
10	16QAM	1	49	18.44	18.62	18.64		
10	16QAM	25	0	18.46	18.58	18.30	19.8	0
10	16QAM	25	12	18.49	18.63	18.56		
10	16QAM	25	25	18.64	18.77	18.33		
10	16QAM	50	0	18.46	18.47	18.34		
10	64QAM	1	0	18.29	18.60	18.45	19.8	0
10	64QAM	1	25	18.47	18.79	18.66		
10	64QAM	1	49	18.26	18.34	18.20		
10	64QAM	25	0	18.32	18.47	18.32	19.5	0.3
10	64QAM	25	12	18.41	18.43	18.32		
10	64QAM	25	25	18.22	18.42	18.34		
10	64QAM	50	0	18.27	18.30	18.17		
10	256QAM	1	0	16.48	16.49	16.39	17.5	2.3
10	256QAM	1	25	16.32	16.37	16.31		
10	256QAM	1	49	16.27	16.37	16.28		
10	256QAM	25	0	16.48	16.57	16.54	17.5	2.3
10	256QAM	25	12	16.34	16.39	16.37		
10	256QAM	25	25	16.24	16.43	16.40		
10	256QAM	50	0	16.40	16.45	16.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.67	18.67	18.65	19.8	0
5	QPSK	1	12	18.50	18.52	18.49		
5	QPSK	1	24	18.57	18.56	18.66		
5	QPSK	12	0	18.67	18.62	18.46	19.8	0
5	QPSK	12	7	18.33	18.53	18.39		
5	QPSK	12	13	18.25	18.74	18.34		
5	QPSK	25	0	18.68	18.64	18.55		
5	16QAM	1	0	18.27	18.47	18.37	19.8	0
5	16QAM	1	12	18.26	18.75	18.75		
5	16QAM	1	24	18.48	18.48	18.63		
5	16QAM	12	0	18.30	18.47	18.23	19.8	0
5	16QAM	12	7	18.36	18.63	18.45		
5	16QAM	12	13	18.61	18.71	18.43		
5	16QAM	25	0	18.40	18.33	18.46		
5	64QAM	1	0	18.47	18.71	18.47	19.8	0
5	64QAM	1	12	18.49	18.68	18.54		
5	64QAM	1	24	18.38	18.52	18.27		
5	64QAM	12	0	18.39	18.44	18.25	19.5	0.3
5	64QAM	12	7	18.31	18.36	18.28		
5	64QAM	12	13	18.32	18.44	18.33		
5	64QAM	25	0	18.23	18.33	18.21		
5	256QAM	1	0	16.48	16.55	16.41	17.5	2.3
5	256QAM	1	12	16.37	16.38	16.33		
5	256QAM	1	24	16.29	16.34	16.26		
5	256QAM	12	0	16.44	16.55	16.48	17.5	2.3
5	256QAM	12	7	16.27	16.39	16.28		
5	256QAM	12	13	16.29	16.37	16.38		
5	256QAM	25	0	16.42	16.45	16.36		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.70	18.71	18.51	19.8	0
3	QPSK	1	8	18.47	18.67	18.44		
3	QPSK	1	14	18.63	18.60	18.67		
3	QPSK	8	0	18.48	18.76	18.49	19.8	0
3	QPSK	8	4	18.33	18.54	18.27		
3	QPSK	8	7	18.32	18.75	18.32		
3	QPSK	15	0	18.71	18.66	18.44		
3	16QAM	1	0	18.27	18.44	18.33	19.8	0
3	16QAM	1	8	18.40	18.65	18.60		
3	16QAM	1	14	18.50	18.44	18.69		
3	16QAM	8	0	18.48	18.54	18.20	19.8	0
3	16QAM	8	4	18.46	18.46	18.41		
3	16QAM	8	7	18.49	18.76	18.38		
3	16QAM	15	0	18.46	18.53	18.30		
3	64QAM	1	0	18.43	18.70	18.46	19.8	0
3	64QAM	1	8	18.49	18.79	18.69		
3	64QAM	1	14	18.41	18.31	18.35		
3	64QAM	8	0	18.39	18.50	18.36	19.5	0.3
3	64QAM	8	4	18.31	18.40	18.29		
3	64QAM	8	7	18.23	18.39	18.36		
3	64QAM	15	0	18.22	18.36	18.24		
3	256QAM	1	0	16.40	16.54	16.37	17.5	2.3
3	256QAM	1	8	16.33	16.42	16.26		
3	256QAM	1	14	16.29	16.36	16.27		
3	256QAM	8	0	16.43	16.58	16.51	17.5	2.3
3	256QAM	8	4	16.32	16.44	16.36		
3	256QAM	8	7	16.27	16.41	16.40		
3	256QAM	15	0	16.38	16.38	16.40		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.66	18.70	18.62	19.8	0
1.4	QPSK	1	3	18.53	18.69	18.32		
1.4	QPSK	1	5	18.46	18.58	18.60		
1.4	QPSK	3	0	18.65	18.76	18.38		
1.4	QPSK	3	1	18.32	18.58	18.46		
1.4	QPSK	3	3	18.32	18.64	18.46		
1.4	QPSK	6	0	18.54	18.82	18.62	19.8	0
1.4	16QAM	1	0	18.34	18.54	18.26	19.8	0
1.4	16QAM	1	3	18.34	18.66	18.70		
1.4	16QAM	1	5	18.63	18.46	18.61		
1.4	16QAM	3	0	18.31	18.52	18.16		
1.4	16QAM	3	1	18.50	18.62	18.40		
1.4	16QAM	3	3	18.51	18.66	18.45		
1.4	16QAM	6	0	18.33	18.50	18.36	19.8	0
1.4	64QAM	1	0	18.31	18.70	18.59	19.8	0
1.4	64QAM	1	3	18.55	18.63	18.70		
1.4	64QAM	1	5	18.37	18.32	18.24		
1.4	64QAM	3	0	18.65	18.75	18.57		
1.4	64QAM	3	1	18.35	18.65	18.43		
1.4	64QAM	3	3	18.58	18.65	18.70		
1.4	64QAM	6	0	18.32	18.50	18.35	19.5	0.3
1.4	256QAM	1	0	16.37	16.51	16.42	17.5	2.3
1.4	256QAM	1	3	16.36	16.37	16.25		
1.4	256QAM	1	5	16.33	16.33	16.32		
1.4	256QAM	3	0	16.41	16.61	16.49		
1.4	256QAM	3	1	16.32	16.45	16.30		
1.4	256QAM	3	3	16.29	16.41	16.44		
1.4	256QAM	6	0	16.43	16.43	16.30	17.5	2.3

Band 5 Ant4 Default

BW [MHz]	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	21.14	21.15	21.10	22.5	0
10	QPSK	1	25	20.95	21.03	21.00		
10	QPSK	1	49	21.02	21.12	21.07		
10	QPSK	25	0	20.04	20.14	20.01	21.5	1
10	QPSK	25	12	19.94	20.05	19.98		
10	QPSK	25	25	19.98	20.12	19.99		
10	QPSK	50	0	19.96	20.07	20.02		
10	16QAM	1	0	20.29	20.36	20.25	21.5	1
10	16QAM	1	25	20.01	20.09	20.01		
10	16QAM	1	49	19.97	20.11	19.98		
10	16QAM	25	0	19.04	19.16	19.07	20.5	2
10	16QAM	25	12	19.00	19.13	19.07		
10	16QAM	25	25	18.94	19.05	18.93		
10	16QAM	50	0	19.02	19.09	18.96		
10	64QAM	1	0	19.09	19.20	19.11	20.5	2
10	64QAM	1	25	19.03	19.06	19.03		
10	64QAM	1	49	19.08	19.13	19.03		
10	64QAM	25	0	17.93	18.07	18.03	19.5	3
10	64QAM	25	12	17.84	17.97	17.94		
10	64QAM	25	25	17.84	17.93	17.85		
10	64QAM	50	0	17.87	17.96	17.90		
10	256QAM	1	0	16.09	16.18	16.15	17.5	5
10	256QAM	1	25	16.02	16.14	16.10		
10	256QAM	1	49	16.08	16.13	16.06		
10	256QAM	25	0	16.02	16.13	16.00	17.5	5
10	256QAM	25	12	15.97	16.10	16.03		
10	256QAM	25	25	16.07	16.15	16.12		
10	256QAM	50	0	16.04	16.08	16.04		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.98	21.06	20.96	22.5	0
5	QPSK	1	12	20.81	21.01	20.92		
5	QPSK	1	24	20.95	20.99	21.04		
5	QPSK	12	0	19.97	20.05	19.88	21.5	1
5	QPSK	12	7	19.84	19.93	19.93		
5	QPSK	12	13	19.94	20.08	19.86		
5	QPSK	25	0	19.94	20.02	19.93		
5	16QAM	1	0	20.25	20.29	20.13	21.5	1
5	16QAM	1	12	19.96	19.96	19.99		
5	16QAM	1	24	19.89	20.01	19.86		
5	16QAM	12	0	18.96	19.09	19.03	20.5	2
5	16QAM	12	7	18.97	19.03	18.93		
5	16QAM	12	13	18.80	18.93	18.83		
5	16QAM	25	0	18.88	18.99	18.88		
5	64QAM	1	0	18.96	19.06	19.02	20.5	2
5	64QAM	1	12	18.93	19.02	18.97		
5	64QAM	1	24	19.05	19.04	18.98		
5	64QAM	12	0	17.84	18.00	17.96	19.5	3
5	64QAM	12	7	17.76	17.90	17.81		
5	64QAM	12	13	17.72	17.88	17.76		
5	64QAM	25	0	17.77	17.90	17.86		
5	256QAM	1	0	16.04	16.10	16.02	17.5	5
5	256QAM	1	12	15.89	16.04	16.00		
5	256QAM	1	24	15.95	16.01	15.98		
5	256QAM	12	0	15.96	16.02	15.95	17.5	5
5	256QAM	12	7	15.90	15.97	15.99		
5	256QAM	12	13	16.04	16.08	16.06		
5	256QAM	25	0	16.01	15.96	15.96		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.02	21.03	20.96	22.5	0
3	QPSK	1	8	20.84	20.89	20.92		
3	QPSK	1	14	20.94	21.06	20.99		
3	QPSK	8	0	19.98	20.08	19.87	21.5	1
3	QPSK	8	4	19.84	19.92	19.93		
3	QPSK	8	7	19.89	19.98	19.94		
3	QPSK	15	0	19.91	19.97	19.89		
3	16QAM	1	0	20.17	20.33	20.21	21.5	1
3	16QAM	1	8	19.90	19.97	19.92		
3	16QAM	1	14	19.85	20.06	19.89		
3	16QAM	8	0	18.93	19.09	18.93	20.5	2
3	16QAM	8	4	18.98	19.04	19.00		
3	16QAM	8	7	18.89	19.03	18.85		
3	16QAM	15	0	18.95	19.05	18.86		
3	64QAM	1	0	19.03	19.07	19.03	20.5	2
3	64QAM	1	8	19.01	18.95	18.98		
3	64QAM	1	14	18.98	19.10	18.98		
3	64QAM	8	0	17.90	17.95	18.00	19.5	3
3	64QAM	8	4	17.72	17.87	17.80		
3	64QAM	8	7	17.71	17.82	17.73		
3	64QAM	15	0	17.78	17.84	17.85		
3	256QAM	1	0	16.05	16.07	16.03	17.5	5
3	256QAM	1	8	15.94	16.09	16.02		
3	256QAM	1	14	16.04	16.00	15.97		
3	256QAM	8	0	15.88	16.11	15.89	17.5	5
3	256QAM	8	4	15.92	16.05	16.00		
3	256QAM	8	7	16.01	16.05	16.02		
3	256QAM	15	0	15.92	15.98	15.90		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.90	21.10	21.02	22.5	0
1.4	QPSK	1	3	20.87	20.98	20.88		
1.4	QPSK	1	5	20.98	20.99	21.01		
1.4	QPSK	3	0	20.97	21.08	21.04		
1.4	QPSK	3	1	20.86	20.97	20.96		
1.4	QPSK	3	3	20.99	21.09	21.00		
1.4	QPSK	6	0	19.97	20.06	19.90	21.5	1
1.4	16QAM	1	0	19.82	19.92	19.86	21.5	1
1.4	16QAM	1	3	19.92	20.01	19.88		
1.4	16QAM	1	5	19.88	20.02	19.85		
1.4	16QAM	3	0	19.86	19.99	19.94		
1.4	16QAM	3	1	19.85	19.98	19.88		
1.4	16QAM	3	3	20.17	20.29	20.21		
1.4	16QAM	6	0	18.98	19.03	19.03	20.5	2
1.4	64QAM	1	0	18.94	19.04	19.05	20.5	2
1.4	64QAM	1	3	18.84	18.92	18.82		
1.4	64QAM	1	5	18.94	19.02	18.99		
1.4	64QAM	3	0	18.92	19.09	18.95		
1.4	64QAM	3	1	18.96	19.04	18.98		
1.4	64QAM	3	3	18.90	18.92	18.81		
1.4	64QAM	6	0	17.77	17.88	17.84	19.5	3
1.4	256QAM	1	0	16.06	16.07	16.08	17.5	5
1.4	256QAM	1	3	15.93	16.05	16.02		
1.4	256QAM	1	5	16.04	16.02	16.04		
1.4	256QAM	3	0	15.99	16.01	15.93		
1.4	256QAM	3	1	15.90	16.02	15.90		
1.4	256QAM	3	3	15.97	16.03	16.04		
1.4	256QAM	6	0	15.91	16.05	16.01	17.5	5

Band 7 For ENDC Ant4 DSI 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.26	17.33	17.23	18.5	0
20	QPSK	1	49	17.29	17.30	17.31		
20	QPSK	1	99	17.18	17.26	17.22		
20	QPSK	50	0	17.14	17.27	17.16	18.5	0
20	QPSK	50	24	17.14	17.20	17.18		
20	QPSK	50	50	17.07	17.17	17.17		
20	QPSK	100	0	17.06	17.25	17.22		
20	16QAM	1	0	17.28	17.28	17.27	18.5	0
20	16QAM	1	49	17.03	17.05	17.07		
20	16QAM	1	99	17.27	17.29	17.07		
20	16QAM	50	0	17.20	17.21	17.16	18.5	0
20	16QAM	50	24	17.01	17.19	17.10		
20	16QAM	50	50	17.25	17.15	17.06		
20	16QAM	100	0	17.07	17.16	17.20		
20	64QAM	1	0	17.08	17.23	17.21	18.5	0
20	64QAM	1	49	17.27	17.34	17.08		
20	64QAM	1	99	17.23	17.19	17.31		
20	64QAM	50	0	17.11	17.05	17.19	18.5	0
20	64QAM	50	24	17.25	17.32	17.13		
20	64QAM	50	50	17.23	17.28	17.29		
20	64QAM	100	0	17.05	17.19	17.01		
20	256QAM	1	0	17.17	17.16	17.14	18.5	0
20	256QAM	1	49	17.12	17.20	17.18		
20	256QAM	1	99	17.10	17.21	17.02		
20	256QAM	50	0	17.26	17.14	17.21	18.5	0
20	256QAM	50	24	17.27	17.21	17.16		
20	256QAM	50	50	17.10	17.05	17.17		
20	256QAM	100	0	17.20	17.23	17.24		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.22	17.29	17.04	18.5	0
15	QPSK	1	37	17.17	17.20	17.21		
15	QPSK	1	74	17.16	17.22	17.03		
15	QPSK	36	0	16.93	17.18	16.94	18.5	0
15	QPSK	36	20	17.05	17.16	17.15		
15	QPSK	36	39	16.86	17.07	17.06		
15	QPSK	75	0	16.86	17.09	17.16		
15	16QAM	1	0	17.21	17.30	17.23	18.5	0
15	16QAM	1	37	16.93	16.96	17.07		
15	16QAM	1	74	17.16	17.26	16.96		
15	16QAM	36	0	17.12	16.99	17.14	18.5	0
15	16QAM	36	20	16.91	17.09	16.91		
15	16QAM	36	39	17.09	16.95	17.03		
15	16QAM	75	0	16.86	17.06	17.16		
15	64QAM	1	0	16.99	17.24	17.07	18.5	0
15	64QAM	1	37	17.13	17.26	17.00		
15	64QAM	1	74	17.12	17.15	17.32		
15	64QAM	36	0	17.08	16.97	17.12	18.5	0
15	64QAM	36	20	17.26	17.29	16.95		
15	64QAM	36	39	17.17	17.23	17.08		
15	64QAM	75	0	16.93	17.10	16.88		
15	256QAM	1	0	17.00	17.12	17.16	18.5	0
15	256QAM	1	37	16.98	17.14	16.99		
15	256QAM	1	74	16.97	17.04	16.95		
15	256QAM	36	0	17.18	17.00	17.14	18.5	0
15	256QAM	36	20	17.24	17.03	17.15		
15	256QAM	36	39	16.96	16.83	17.17		
15	256QAM	75	0	17.13	17.12	17.22		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.07	17.23	17.11	18.5	0
10	QPSK	1	25	17.22	17.26	17.31		
10	QPSK	1	49	17.08	17.12	17.21		
10	QPSK	25	0	17.05	17.08	16.97	18.5	0
10	QPSK	25	12	17.05	17.10	17.05		
10	QPSK	25	25	16.89	17.03	17.03		
10	QPSK	50	0	16.84	17.06	17.07		
10	16QAM	1	0	17.12	17.15	17.12	18.5	0
10	16QAM	1	25	16.84	16.90	16.99		
10	16QAM	1	49	17.10	17.13	17.07		
10	16QAM	25	0	17.12	17.20	17.09	18.5	0
10	16QAM	25	12	16.83	17.05	16.96		
10	16QAM	25	25	17.09	17.09	17.04		
10	16QAM	50	0	16.95	17.02	17.12		
10	64QAM	1	0	17.03	17.12	17.23	18.5	0
10	64QAM	1	25	17.28	17.24	17.05		
10	64QAM	1	49	17.10	17.05	17.24		
10	64QAM	25	0	16.91	17.04	17.15	18.5	0
10	64QAM	25	12	17.08	17.15	17.09		
10	64QAM	25	25	17.12	17.20	17.14		
10	64QAM	50	0	17.06	17.15	16.98		
10	256QAM	1	0	16.99	17.05	16.96	18.5	0
10	256QAM	1	25	16.94	17.12	17.05		
10	256QAM	1	49	17.11	17.17	17.01		
10	256QAM	25	0	17.18	17.10	17.14	18.5	0
10	256QAM	25	12	17.11	16.99	16.99		
10	256QAM	25	25	17.08	16.90	17.05		
10	256QAM	50	0	17.19	17.27	17.05		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.16	17.13	17.08	18.5	0
5	QPSK	1	12	17.09	17.24	17.17		
5	QPSK	1	24	16.98	17.12	17.18		
5	QPSK	12	0	17.09	17.20	17.12	18.5	0
5	QPSK	12	7	17.15	17.16	17.10		
5	QPSK	12	13	16.93	17.01	17.16		
5	QPSK	25	0	16.97	17.09	17.03		
5	16QAM	1	0	17.12	17.18	17.08	18.5	0
5	16QAM	1	12	16.97	17.05	17.04		
5	16QAM	1	24	17.25	17.23	16.90		
5	16QAM	12	0	17.08	17.19	17.15	18.5	0
5	16QAM	12	7	17.01	17.00	17.03		
5	16QAM	12	13	17.09	17.14	17.06		
5	16QAM	25	0	17.08	17.02	17.02		
5	64QAM	1	0	16.92	17.11	17.11	18.5	0
5	64QAM	1	12	17.07	17.18	17.09		
5	64QAM	1	24	17.14	17.09	17.16		
5	64QAM	12	0	17.04	16.93	17.08	18.5	0
5	64QAM	12	7	17.15	17.13	17.09		
5	64QAM	12	13	17.23	17.18	17.25		
5	64QAM	25	0	17.03	17.20	16.87		
5	256QAM	1	0	17.08	17.11	17.00	18.5	0
5	256QAM	1	12	17.02	17.05	17.19		
5	256QAM	1	24	16.98	17.19	16.83		
5	256QAM	12	0	17.24	17.06	17.07	18.5	0
5	256QAM	12	7	17.22	17.17	17.02		
5	256QAM	12	13	17.09	16.84	17.08		
5	256QAM	25	0	17.04	17.21	17.06		

Band 26 Ant4 Default

BW [MHz]	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	21.10	21.19	21.08	22.5	0
15	QPSK	1	37	21.04	21.08	21.01		
15	QPSK	1	74	21.01	21.04	20.94		
15	QPSK	36	0	19.81	19.95	19.86	21.5	1
15	QPSK	36	20	19.84	19.88	19.74		
15	QPSK	36	39	19.88	19.91	19.84		
15	QPSK	75	0	20.08	20.14	20.03		
15	16QAM	1	0	20.35	20.42	20.34	21.5	1
15	16QAM	1	37	20.17	20.30	20.22		
15	16QAM	1	74	20.21	20.28	20.15		
15	16QAM	36	0	18.99	19.03	19.00	20.5	2
15	16QAM	36	20	18.86	18.97	18.92		
15	16QAM	36	39	18.86	18.90	18.86		
15	16QAM	75	0	18.87	18.99	18.88		
15	64QAM	1	0	19.13	19.22	19.19	20.5	2
15	64QAM	1	37	19.06	19.18	19.09		
15	64QAM	1	74	18.97	19.09	18.95		
15	64QAM	36	0	18.03	18.05	17.92	19.5	3
15	64QAM	36	20	17.95	18.00	17.89		
15	64QAM	36	39	17.90	17.98	17.93		
15	64QAM	75	0	17.92	18.00	17.96		
15	256QAM	1	0	16.13	16.24	16.11	17.5	5
15	256QAM	1	37	16.13	16.21	16.17		
15	256QAM	1	74	16.02	16.15	16.08		
15	256QAM	36	0	16.04	16.09	16.07	17.5	5
15	256QAM	36	20	16.07	16.19	16.16		
15	256QAM	36	39	16.04	16.14	16.07		
15	256QAM	75	0	15.55	15.60	15.51		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.01	21.08	21.02	22.5	0
10	QPSK	1	25	21.01	21.02	20.94		
10	QPSK	1	49	20.93	20.98	20.80		
10	QPSK	25	0	19.75	19.90	19.84	21.5	1
10	QPSK	25	12	19.72	19.79	19.72		
10	QPSK	25	25	19.80	19.85	19.80		
10	QPSK	50	0	20.03	20.11	20.00		
10	16QAM	1	0	20.33	20.40	20.24	21.5	1
10	16QAM	1	25	20.07	20.22	20.14		
10	16QAM	1	49	20.12	20.17	20.04		
10	16QAM	25	0	18.87	18.94	18.90	20.5	2
10	16QAM	25	12	18.80	18.94	18.79		
10	16QAM	25	25	18.77	18.78	18.82		
10	16QAM	50	0	18.73	18.95	18.76		
10	64QAM	1	0	19.01	19.11	19.05	20.5	2
10	64QAM	1	25	19.02	19.12	18.98		
10	64QAM	1	49	18.85	18.98	18.84		
10	64QAM	25	0	17.97	17.97	17.82	19.5	3
10	64QAM	25	12	17.93	17.87	17.84		
10	64QAM	25	25	17.85	17.85	17.87		
10	64QAM	50	0	17.85	17.93	17.85		
10	256QAM	1	0	16.02	16.22	16.08	17.5	5
10	256QAM	1	25	16.02	16.12	16.09		
10	256QAM	1	49	15.95	16.11	16.04		
10	256QAM	25	0	15.91	16.03	16.04	17.5	5
10	256QAM	25	12	16.04	16.08	16.04		
10	256QAM	25	25	15.96	16.11	15.97		
10	256QAM	50	0	16.01	16.00	15.89		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.03	20.98	21.00	22.5	0
5	QPSK	1	12	20.92	21.01	20.88		
5	QPSK	1	24	20.95	20.96	20.88		
5	QPSK	12	0	19.78	19.90	19.76	21.5	1
5	QPSK	12	7	19.82	19.83	19.62		
5	QPSK	12	13	19.78	19.84	19.76		
5	QPSK	25	0	20.05	20.10	19.96		
5	16QAM	1	0	20.23	20.34	20.31	21.5	1
5	16QAM	1	12	20.09	20.19	20.19		
5	16QAM	1	24	20.19	20.16	20.08		
5	16QAM	12	0	18.97	18.90	18.96	20.5	2
5	16QAM	12	7	18.80	18.91	18.80		
5	16QAM	12	13	18.76	18.82	18.80		
5	16QAM	25	0	18.78	18.95	18.76		
5	64QAM	1	0	19.00	19.10	19.06	20.5	2
5	64QAM	1	12	18.95	19.07	18.99		
5	64QAM	1	24	18.91	18.99	18.93		
5	64QAM	12	0	18.00	18.00	17.83	19.5	3
5	64QAM	12	7	17.82	17.88	17.85		
5	64QAM	12	13	17.79	17.86	17.88		
5	64QAM	25	0	17.80	17.90	17.86		
5	256QAM	1	0	16.00	16.20	16.00	17.5	5
5	256QAM	1	12	16.08	16.15	16.13		
5	256QAM	1	24	15.92	16.11	16.01		
5	256QAM	12	0	15.91	16.00	16.04	17.5	5
5	256QAM	12	7	15.96	16.14	16.07		
5	256QAM	12	13	15.92	16.04	15.99		
5	256QAM	25	0	15.94	16.00	15.98		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.06	21.01	21.02	22.5	0
3	QPSK	1	8	20.91	20.97	20.95		
3	QPSK	1	14	20.90	20.94	20.81		
3	QPSK	8	0	19.68	19.85	19.75	21.5	1
3	QPSK	8	4	19.77	19.83	19.68		
3	QPSK	8	7	19.83	19.79	19.76		
3	QPSK	15	0	20.01	20.01	19.91		
3	16QAM	1	0	20.21	20.29	20.26	21.5	1
3	16QAM	1	8	20.11	20.26	20.08		
3	16QAM	1	14	20.10	20.14	20.10		
3	16QAM	8	0	18.93	18.95	18.86	20.5	2
3	16QAM	8	4	18.84	18.93	18.82		
3	16QAM	8	7	18.78	18.80	18.75		
3	16QAM	15	0	18.74	18.91	18.74		
3	64QAM	1	0	19.10	19.19	19.13	20.5	2
3	64QAM	1	8	18.95	19.16	19.01		
3	64QAM	1	14	18.91	19.02	18.90		
3	64QAM	8	0	17.95	17.95	17.85	19.5	3
3	64QAM	8	4	17.85	17.88	17.83		
3	64QAM	8	7	17.83	17.85	17.82		
3	64QAM	15	0	17.85	17.98	17.91		
3	256QAM	1	0	16.03	16.14	16.03	17.5	5
3	256QAM	1	8	16.05	16.11	16.11		
3	256QAM	1	14	15.92	16.07	16.03		
3	256QAM	8	0	15.97	15.96	16.03	17.5	5
3	256QAM	8	4	16.04	16.13	16.05		
3	256QAM	8	7	15.95	16.07	16.01		
3	256QAM	15	0	15.93	16.01	15.92		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.00	21.01	20.98	22.5	0
1.4	QPSK	1	3	20.98	20.95	20.88		
1.4	QPSK	1	5	20.88	20.99	20.84		
1.4	QPSK	3	0	20.96	21.04	20.95		
1.4	QPSK	3	1	20.93	20.95	20.97		
1.4	QPSK	3	3	20.91	20.92	20.80		
1.4	QPSK	6	0	19.72	19.91	19.84	21.5	1
1.4	16QAM	1	0	19.69	19.89	19.80	21.5	1
1.4	16QAM	1	3	19.70	19.91	19.80		
1.4	16QAM	1	5	19.73	19.89	19.82		
1.4	16QAM	3	0	19.70	19.88	19.83		
1.4	16QAM	3	1	19.70	19.83	19.81		
1.4	16QAM	3	3	19.69	19.90	19.76		
1.4	16QAM	6	0	18.88	18.93	18.96	20.5	2
1.4	64QAM	1	0	18.77	18.86	18.84	20.5	2
1.4	64QAM	1	3	18.97	18.91	18.89		
1.4	64QAM	1	5	18.86	18.91	18.89		
1.4	64QAM	3	0	18.78	18.94	18.79		
1.4	64QAM	3	1	18.78	18.80	18.79		
1.4	64QAM	3	3	18.74	18.91	18.83		
1.4	64QAM	6	0	17.92	18.02	17.88	19.5	3
1.4	256QAM	1	0	16.09	16.14	16.05	17.5	5
1.4	256QAM	1	3	16.06	16.11	16.06		
1.4	256QAM	1	5	15.96	16.01	15.96		
1.4	256QAM	3	0	16.01	16.03	16.02		
1.4	256QAM	3	1	16.00	16.07	16.10		
1.4	256QAM	3	3	15.90	16.02	15.94		
1.4	256QAM	6	0	15.99	16.05	15.90	17.5	5

Band 71 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.72	21.82	21.66	23	0
20	QPSK	1	49	21.68	21.70	21.62		
20	QPSK	1	99	21.60	21.71	21.63		
20	QPSK	50	0	20.47	20.57	20.45	22	1
20	QPSK	50	24	20.40	20.50	20.45		
20	QPSK	50	50	20.36	20.46	20.33		
20	QPSK	100	0	20.49	20.54	20.49		
20	16QAM	1	0	20.91	20.95	20.81	22	1
20	16QAM	1	49	20.77	20.86	20.73		
20	16QAM	1	99	20.78	20.86	20.77		
20	16QAM	50	0	19.61	19.69	19.57	21	2
20	16QAM	50	24	19.50	19.62	19.55		
20	16QAM	50	50	19.57	19.63	19.61		
20	16QAM	100	0	19.54	19.66	19.58		
20	64QAM	1	0	19.60	19.74	19.62	21	2
20	64QAM	1	49	19.65	19.68	19.64		
20	64QAM	1	99	19.57	19.66	19.56		
20	64QAM	50	0	18.58	18.60	18.56	20	3
20	64QAM	50	24	18.54	18.57	18.51		
20	64QAM	50	50	18.50	18.53	18.42		
20	64QAM	100	0	18.40	18.48	18.34		
20	256QAM	1	0	16.82	16.89	16.75	18	5
20	256QAM	1	49	16.65	16.77	16.68		
20	256QAM	1	99	16.74	16.82	16.76		
20	256QAM	50	0	16.68	16.71	16.59	18	5
20	256QAM	50	24	16.70	16.84	16.81		
20	256QAM	50	50	16.77	16.87	16.76		
20	256QAM	100	0	16.65	16.79	16.76		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.68	21.69	21.63	23	0
15	QPSK	1	37	21.56	21.60	21.59		
15	QPSK	1	74	21.57	21.60	21.53		
15	QPSK	36	0	20.34	20.44	20.32	22	1
15	QPSK	36	20	20.36	20.45	20.34		
15	QPSK	36	39	20.23	20.35	20.21		
15	QPSK	75	0	20.42	20.47	20.47		
15	16QAM	1	0	20.87	20.81	20.75	22	1
15	16QAM	1	37	20.74	20.73	20.68		
15	16QAM	1	74	20.67	20.75	20.64		
15	16QAM	36	0	19.50	19.61	19.55	21	2
15	16QAM	36	20	19.42	19.57	19.46		
15	16QAM	36	39	19.52	19.59	19.58		
15	16QAM	75	0	19.61	19.61	19.53		
15	64QAM	1	0	19.48	19.63	19.49	21	2
15	64QAM	1	37	19.51	19.60	19.52		
15	64QAM	1	74	19.47	19.57	19.50		
15	64QAM	36	0	18.53	18.58	18.46	20	3
15	64QAM	36	20	18.45	18.53	18.45		
15	64QAM	36	39	18.37	18.51	18.32		
15	64QAM	75	0	18.34	18.40	18.20		
15	256QAM	1	0	16.70	16.85	16.72	18	5
15	256QAM	1	37	16.53	16.73	16.62		
15	256QAM	1	74	16.63	16.69	16.73		
15	256QAM	36	0	16.59	16.59	16.55	18	5
15	256QAM	36	20	16.61	16.74	16.70		
15	256QAM	36	39	16.69	16.79	16.67		
15	256QAM	75	0	16.56	16.65	16.71		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.58	21.75	21.52	23	0
10	QPSK	1	25	21.61	21.59	21.52		
10	QPSK	1	49	21.51	21.63	21.61		
10	QPSK	25	0	20.42	20.52	20.37	22	1
10	QPSK	25	12	20.31	20.45	20.36		
10	QPSK	25	25	20.25	20.41	20.26		
10	QPSK	50	0	20.44	20.45	20.42		
10	16QAM	1	0	20.78	20.90	20.75	22	1
10	16QAM	1	25	20.72	20.72	20.63		
10	16QAM	1	49	20.65	20.80	20.70		
10	16QAM	25	0	19.58	19.66	19.54	21	2
10	16QAM	25	12	19.42	19.56	19.44		
10	16QAM	25	25	19.53	19.52	19.58		
10	16QAM	50	0	19.60	19.52	19.51		
10	64QAM	1	0	19.53	19.61	19.52	21	2
10	64QAM	1	25	19.57	19.55	19.59		
10	64QAM	1	49	19.53	19.60	19.53		
10	64QAM	25	0	18.50	18.54	18.51	20	3
10	64QAM	25	12	18.47	18.46	18.40		
10	64QAM	25	25	18.40	18.41	18.36		
10	64QAM	50	0	18.33	18.38	18.31		
10	256QAM	1	0	16.71	16.84	16.70	18	5
10	256QAM	1	25	16.60	16.69	16.57		
10	256QAM	1	49	16.68	16.71	16.71		
10	256QAM	25	0	16.57	16.59	16.47	18	5
10	256QAM	25	12	16.57	16.74	16.75		
10	256QAM	25	25	16.67	16.83	16.68		
10	256QAM	50	0	16.59	16.72	16.65		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.63	21.79	21.61	23	0
5	QPSK	1	12	21.64	21.58	21.60		
5	QPSK	1	24	21.51	21.59	21.60		
5	QPSK	12	0	20.37	20.47	20.37	22	1
5	QPSK	12	7	20.29	20.42	20.31		
5	QPSK	12	13	20.28	20.36	20.30		
5	QPSK	25	0	20.43	20.47	20.45		
5	16QAM	1	0	20.86	20.92	20.67	22	1
5	16QAM	1	12	20.75	20.82	20.66		
5	16QAM	1	24	20.73	20.74	20.65		
5	16QAM	12	0	19.58	19.56	19.48	21	2
5	16QAM	12	7	19.38	19.49	19.50		
5	16QAM	12	13	19.44	19.59	19.54		
5	16QAM	25	0	19.52	19.54	19.53		
5	64QAM	1	0	19.56	19.69	19.48	21	2
5	64QAM	1	12	19.55	19.58	19.55		
5	64QAM	1	24	19.43	19.55	19.48		
5	64QAM	12	0	18.50	18.51	18.53	20	3
5	64QAM	12	7	18.44	18.52	18.41		
5	64QAM	12	13	18.43	18.49	18.40		
5	64QAM	25	0	18.30	18.39	18.25		
5	256QAM	1	0	16.79	16.78	16.72	18	5
5	256QAM	1	12	16.58	16.68	16.58		
5	256QAM	1	24	16.66	16.72	16.63		
5	256QAM	12	0	16.65	16.60	16.45	18	5
5	256QAM	12	7	16.58	16.75	16.70		
5	256QAM	12	13	16.73	16.76	16.68		
5	256QAM	25	0	16.59	16.76	16.66		

Band 38 For ENDC Ant4 DSI 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.27	19.48	19.35	20.3	0
20	QPSK	1	49	19.20	19.14	19.18		
20	QPSK	1	99	19.11	19.22	19.09		
20	QPSK	50	0	19.17	19.47	19.20	20.3	0
20	QPSK	50	24	18.90	19.11	19.07		
20	QPSK	50	50	19.00	19.33	19.18		
20	QPSK	100	0	19.28	19.39	19.12		
20	16QAM	1	0	18.85	19.12	19.04	20.3	0
20	16QAM	1	49	19.16	19.12	19.05		
20	16QAM	1	99	19.18	19.21	19.45		
20	16QAM	50	0	19.02	19.19	19.02	20.3	0
20	16QAM	50	24	19.15	18.93	19.11		
20	16QAM	50	50	19.35	19.34	19.17		
20	16QAM	100	0	19.03	19.05	19.04		
20	64QAM	1	0	19.14	18.95	19.01	20.3	0
20	64QAM	1	49	19.13	19.45	19.12		
20	64QAM	1	99	18.93	19.01	18.98		
20	64QAM	50	0	19.04	19.30	18.95	20.3	0
20	64QAM	50	24	19.27	19.43	19.10		
20	64QAM	50	50	19.06	18.88	19.07		
20	64QAM	100	0	19.15	19.15	19.06		
20	256QAM	1	0	18.00	18.04	17.95	19	1.3
20	256QAM	1	49	17.85	17.90	17.79		
20	256QAM	1	99	17.86	17.94	17.85		
20	256QAM	50	0	17.86	17.98	17.93	19	1.3
20	256QAM	50	24	17.82	17.93	17.84		
20	256QAM	50	50	17.80	17.94	17.90		
20	256QAM	100	0	17.82	17.91	17.84		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.40	19.31	19.46	20.3	0
15	QPSK	1	37	19.09	19.25	19.09		
15	QPSK	1	74	19.25	19.16	19.17		
15	QPSK	36	0	19.20	19.41	19.23	20.3	0
15	QPSK	36	20	18.95	18.94	19.01		
15	QPSK	36	39	19.03	19.13	19.09		
15	QPSK	75	0	19.34	19.37	19.23		
15	16QAM	1	0	18.83	19.01	19.06	20.3	0
15	16QAM	1	37	19.13	19.15	19.12		
15	16QAM	1	74	19.17	19.21	19.43		
15	16QAM	36	0	18.99	19.02	18.99	20.3	0
15	16QAM	36	20	19.05	19.01	19.24		
15	16QAM	36	39	19.16	19.16	19.25		
15	16QAM	75	0	18.98	19.00	19.05		
15	64QAM	1	0	19.27	19.07	19.03	20.3	0
15	64QAM	1	37	19.23	19.35	19.27		
15	64QAM	1	74	18.99	18.98	19.03		
15	64QAM	36	0	19.19	19.28	19.07	20.3	0
15	64QAM	36	20	19.32	19.39	19.05		
15	64QAM	36	39	18.90	18.93	19.05		
15	64QAM	75	0	19.13	19.13	19.10		
15	256QAM	1	0	17.92	18.01	17.84	19	1.3
15	256QAM	1	37	17.73	17.85	17.75		
15	256QAM	1	74	17.79	17.90	17.78		
15	256QAM	36	0	17.81	17.87	17.87	19	1.3
15	256QAM	36	20	17.78	17.89	17.70		
15	256QAM	36	39	17.78	17.88	17.80		
15	256QAM	75	0	17.69	17.81	17.79		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.33	19.43	19.29	20.3	0
10	QPSK	1	25	19.14	19.18	19.24		
10	QPSK	1	49	19.10	19.31	19.12		
10	QPSK	25	0	19.18	19.33	19.24	20.3	0
10	QPSK	25	12	18.90	19.05	19.13		
10	QPSK	25	25	19.10	19.12	19.06		
10	QPSK	50	0	19.34	19.34	19.22		
10	16QAM	1	0	18.82	18.99	19.01	20.3	0
10	16QAM	1	25	19.10	18.98	19.12		
10	16QAM	1	49	19.27	19.35	19.39		
10	16QAM	25	0	18.84	19.10	18.96	20.3	0
10	16QAM	25	12	19.10	18.94	19.20		
10	16QAM	25	25	19.17	19.32	19.27		
10	16QAM	50	0	18.89	19.10	19.11		
10	64QAM	1	0	19.11	19.08	19.01	20.3	0
10	64QAM	1	25	19.23	19.45	19.20		
10	64QAM	1	49	18.78	19.13	18.97		
10	64QAM	25	0	19.07	19.20	19.01	20.3	0
10	64QAM	25	12	19.20	19.34	19.09		
10	64QAM	25	25	18.89	18.95	19.08		
10	64QAM	50	0	19.05	18.97	19.08		
10	256QAM	1	0	17.97	18.00	17.82	19	1.3
10	256QAM	1	25	17.77	17.82	17.69		
10	256QAM	1	49	17.73	17.89	17.77		
10	256QAM	25	0	17.78	17.87	17.82	19	1.3
10	256QAM	25	12	17.70	17.86	17.71		
10	256QAM	25	25	17.69	17.88	17.85		
10	256QAM	50	0	17.69	17.81	17.75		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.38	19.43	19.34	20.3	0
5	QPSK	1	12	19.18	19.28	19.20		
5	QPSK	1	24	19.05	19.34	19.26		
5	QPSK	12	0	19.17	19.42	19.20	20.3	0
5	QPSK	12	7	18.98	19.11	19.13		
5	QPSK	12	13	18.98	19.11	19.12		
5	QPSK	25	0	19.35	19.47	19.29		
5	16QAM	1	0	18.91	18.97	18.93	20.3	0
5	16QAM	1	12	19.28	19.13	19.09		
5	16QAM	1	24	19.18	19.28	19.30		
5	16QAM	12	0	19.08	19.19	19.00	20.3	0
5	16QAM	12	7	19.12	19.06	19.07		
5	16QAM	12	13	19.20	19.18	19.14		
5	16QAM	25	0	18.91	18.98	19.00		
5	64QAM	1	0	19.27	19.10	19.13	20.3	0
5	64QAM	1	12	19.28	19.26	19.26		
5	64QAM	1	24	18.93	19.04	19.05		
5	64QAM	12	0	19.08	19.15	18.87	20.3	0
5	64QAM	12	7	19.39	19.42	19.14		
5	64QAM	12	13	18.95	18.95	18.96		
5	64QAM	25	0	19.12	19.18	19.12		
5	256QAM	1	0	17.89	17.93	17.87	19	1.3
5	256QAM	1	12	17.72	17.79	17.66		
5	256QAM	1	24	17.75	17.90	17.76		
5	256QAM	12	0	17.76	17.93	17.81	19	1.3
5	256QAM	12	7	17.79	17.88	17.81		
5	256QAM	12	13	17.73	17.85	17.77		
5	256QAM	25	0	17.73	17.79	17.81		

Band 41 For ENDC Ant4 DSI 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.44	19.45	19.51	19.47	19.47	20.3	0
20	QPSK	1	49	19.28	19.19	19.26	19.29	19.23		
20	QPSK	1	99	19.25	19.27	19.32	19.26	19.31		
20	QPSK	50	0	19.26	19.24	19.50	19.27	19.44	20.3	0
20	QPSK	50	24	19.14	19.01	19.13	19.17	19.18		
20	QPSK	50	50	19.18	19.15	19.31	19.25	19.11		
20	QPSK	100	0	19.32	19.44	19.48	19.31	19.44		
20	16QAM	1	0	19.11	19.03	19.10	19.15	19.17	20.3	0
20	16QAM	1	49	19.22	19.29	19.20	19.24	19.29		
20	16QAM	1	99	19.39	19.37	19.37	19.45	19.36		
20	16QAM	50	0	19.13	19.06	19.24	19.16	19.13	20.3	0
20	16QAM	50	24	19.04	19.16	19.10	19.26	19.18		
20	16QAM	50	50	19.35	19.38	19.34	19.32	19.44		
20	16QAM	100	0	19.17	19.05	19.16	19.11	19.23		
20	64QAM	1	0	19.26	19.25	19.11	19.23	19.13	20.3	0
20	64QAM	1	49	19.28	19.27	19.46	19.26	19.49		
20	64QAM	1	99	19.17	18.98	19.19	19.15	19.14		
20	64QAM	50	0	19.07	19.20	19.30	19.07	19.25	20.3	0
20	64QAM	50	24	19.41	19.39	19.48	19.25	19.29		
20	64QAM	50	50	19.19	19.10	19.06	19.10	19.09		
20	64QAM	100	0	19.22	19.14	19.18	19.27	19.21		
20	256QAM	1	0	18.03	17.96	18.09	18.05	18.01	19	1.3
20	256QAM	1	49	17.89	17.92	17.99	17.90	17.85		
20	256QAM	1	99	18.01	18.00	18.04	18.01	17.91		
20	256QAM	50	0	17.96	17.95	18.02	18.00	17.91	19	1.3
20	256QAM	50	24	17.99	17.98	18.05	17.93	17.98		
20	256QAM	50	50	17.99	17.98	18.03	17.98	17.98		
20	256QAM	100	0	17.97	17.99	18.06	18.01	17.99		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.42	19.42	19.42	19.44	19.36	20.3	0
15	QPSK	1	37	19.22	19.19	19.18	19.07	19.03		
15	QPSK	1	74	19.07	19.22	19.28	19.16	19.15		
15	QPSK	36	0	19.08	19.06	19.30	19.10	19.25	20.3	0
15	QPSK	36	20	18.97	18.98	18.92	19.12	19.02		
15	QPSK	36	39	19.17	19.13	19.24	19.15	18.97		
15	QPSK	75	0	19.17	19.40	19.33	19.20	19.27		
15	16QAM	1	0	19.11	19.03	19.06	19.08	19.06	20.3	0
15	16QAM	1	37	19.17	19.18	19.00	19.25	19.19		
15	16QAM	1	74	19.28	19.34	19.38	19.27	19.15		
15	16QAM	36	0	18.94	18.98	19.06	19.03	18.98	20.3	0
15	16QAM	36	20	19.00	19.13	18.98	19.08	19.02		
15	16QAM	36	39	19.14	19.23	19.17	19.20	19.26		
15	16QAM	75	0	18.98	19.00	19.08	19.09	19.05		
15	64QAM	1	0	19.05	19.17	19.09	19.23	18.96	20.3	0
15	64QAM	1	37	19.19	19.26	19.30	19.24	19.48		
15	64QAM	1	74	19.00	18.85	19.13	19.09	18.99		
15	64QAM	36	0	19.07	19.11	19.17	18.85	19.27	20.3	0
15	64QAM	36	20	19.35	19.20	19.32	19.25	19.08		
15	64QAM	36	39	19.05	18.92	18.95	18.94	18.87		
15	64QAM	75	0	19.14	19.06	19.02	19.09	19.13		
15	256QAM	1	0	17.95	17.85	18.07	18.02	17.93	19	1.3
15	256QAM	1	37	17.79	17.80	17.90	17.84	17.80		
15	256QAM	1	74	17.92	17.94	18.02	17.87	17.88		
15	256QAM	36	0	17.92	17.90	17.91	17.91	17.88	19	1.3
15	256QAM	36	20	17.95	17.91	18.00	17.83	17.85		
15	256QAM	36	39	17.88	17.84	17.92	17.85	17.94		
15	256QAM	75	0	17.90	17.92	17.95	17.97	17.89		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.32	19.42	19.36	19.29	19.41	20.3	0
10	QPSK	1	25	19.17	19.09	19.16	19.07	19.22		
10	QPSK	1	49	19.19	19.11	19.15	19.13	19.25		
10	QPSK	25	0	19.25	19.18	19.50	19.21	19.32	20.3	0
10	QPSK	25	12	19.07	18.97	19.00	19.01	19.15		
10	QPSK	25	25	19.17	19.08	19.12	19.09	18.94		
10	QPSK	50	0	19.15	19.27	19.33	19.23	19.41		
10	16QAM	1	0	19.08	18.99	19.08	19.10	19.16	20.3	0
10	16QAM	1	25	19.09	19.20	19.15	19.16	19.29		
10	16QAM	1	49	19.27	19.23	19.35	19.29	19.25		
10	16QAM	25	0	19.02	18.99	19.03	19.00	19.08	20.3	0
10	16QAM	25	12	18.97	19.09	19.03	19.28	19.16		
10	16QAM	25	25	19.17	19.30	19.19	19.24	19.25		
10	16QAM	50	0	19.18	19.02	19.18	18.90	19.04		
10	64QAM	1	0	19.19	19.13	19.07	19.11	19.06	20.3	0
10	64QAM	1	25	19.23	19.23	19.31	19.04	19.47		
10	64QAM	1	49	18.96	18.98	19.19	19.11	18.92		
10	64QAM	25	0	18.91	19.06	19.18	18.90	19.25	20.3	0
10	64QAM	25	12	19.20	19.24	19.27	19.21	19.25		
10	64QAM	25	25	19.19	18.94	19.00	19.10	19.09		
10	64QAM	50	0	19.22	19.16	19.10	19.25	19.10		
10	256QAM	1	0	17.96	17.91	18.06	17.91	17.95	19	1.3
10	256QAM	1	25	17.84	17.88	17.91	17.80	17.72		
10	256QAM	1	49	17.88	17.87	17.98	17.90	17.81		
10	256QAM	25	0	17.90	17.84	17.93	17.97	17.86	19	1.3
10	256QAM	25	12	17.94	17.85	18.02	17.82	17.96		
10	256QAM	25	25	17.87	17.86	17.97	17.85	17.93		
10	256QAM	50	0	17.91	17.90	17.98	17.94	17.87		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.31	19.39	19.42	19.37	19.41	20.3	0
5	QPSK	1	12	19.08	19.18	19.27	19.24	19.21		
5	QPSK	1	24	19.17	19.12	19.27	19.18	19.11		
5	QPSK	12	0	19.24	19.09	19.34	19.27	19.27	20.3	0
5	QPSK	12	7	19.02	18.87	18.95	18.95	18.98		
5	QPSK	12	13	19.12	19.14	19.31	19.12	19.12		
5	QPSK	25	0	19.31	19.35	19.46	19.20	19.43		
5	16QAM	1	0	18.90	19.03	19.07	19.01	18.97	20.3	0
5	16QAM	1	12	19.08	19.08	19.17	19.03	19.22		
5	16QAM	1	24	19.21	19.19	19.36	19.32	19.22		
5	16QAM	12	0	18.95	18.98	19.14	18.95	19.02	20.3	0
5	16QAM	12	7	19.01	19.01	18.88	19.20	19.03		
5	16QAM	12	13	19.16	19.17	19.28	19.33	19.24		
5	16QAM	25	0	18.99	18.93	19.11	19.03	19.03		
5	64QAM	1	0	19.23	19.21	19.12	19.07	19.08	20.3	0
5	64QAM	1	12	19.14	19.13	19.44	19.20	19.38		
5	64QAM	1	24	19.12	18.84	19.01	19.17	19.02		
5	64QAM	12	0	18.98	19.21	19.26	19.08	19.25	20.3	0
5	64QAM	12	7	19.29	19.36	19.38	19.13	19.14		
5	64QAM	12	13	19.18	18.90	18.91	19.01	19.10		
5	64QAM	25	0	19.16	18.93	19.01	19.21	19.18		
5	256QAM	1	0	17.91	17.94	18.01	17.94	17.90	19	1.3
5	256QAM	1	12	17.86	17.83	17.93	17.78	17.75		
5	256QAM	1	24	17.97	17.96	18.00	17.89	17.78		
5	256QAM	12	0	17.87	17.84	17.93	17.87	17.85	19	1.3
5	256QAM	12	7	17.93	17.92	17.98	17.90	17.94		
5	256QAM	12	13	17.87	17.87	17.95	17.96	17.86		
5	256QAM	25	0	17.90	17.88	18.04	17.95	17.93		

Band 41 HPUE For ENDC Ant4 DSI 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.71	20.87	21.03	20.71	20.96	21.9	0
20	QPSK	1	49	20.66	20.64	20.71	20.79	20.72		
20	QPSK	1	99	20.60	20.75	20.81	20.66	20.61		
20	QPSK	50	0	20.64	20.71	20.88	20.49	20.79	21.9	0
20	QPSK	50	24	20.61	20.55	20.52	20.63	20.66		
20	QPSK	50	50	20.47	20.77	20.64	20.56	20.46		
20	QPSK	100	0	20.61	20.73	20.93	20.50	20.84		
20	16QAM	1	0	20.49	20.59	20.71	20.79	20.57	21.9	0
20	16QAM	1	49	20.46	20.76	20.76	20.58	20.53		
20	16QAM	1	99	20.72	20.69	20.91	20.58	20.74		
20	16QAM	50	0	20.53	20.57	20.51	20.71	20.67	21.9	0
20	16QAM	50	24	20.32	20.70	20.63	20.63	20.50		
20	16QAM	50	50	20.69	20.67	20.81	20.65	20.93		
20	16QAM	100	0	20.59	20.60	20.58	20.73	20.51		
20	64QAM	1	0	20.30	20.67	20.71	20.65	20.45	21.9	0
20	64QAM	1	49	20.58	20.83	20.93	20.68	20.93		
20	64QAM	1	99	20.64	20.57	20.62	20.79	20.66		
20	64QAM	50	0	20.43	20.54	20.62	20.62	20.51	21.9	0
20	64QAM	50	24	20.72	20.89	20.81	20.71	20.91		
20	64QAM	50	50	20.64	20.47	20.59	20.74	20.69		
20	64QAM	100	0	20.52	20.60	20.60	20.61	20.50		
20	256QAM	1	0	20.66	20.73	20.96	20.65	20.96	21.9	0
20	256QAM	1	49	20.65	20.57	20.50	20.71	20.72		
20	256QAM	1	99	20.44	20.58	20.83	20.49	20.46		
20	256QAM	50	0	20.60	20.67	20.91	20.63	20.86	21.9	0
20	256QAM	50	24	20.50	20.62	20.67	20.61	20.53		
20	256QAM	50	50	20.31	20.64	20.78	20.52	20.57		
20	256QAM	100	0	20.35	20.74	20.67	20.64	20.50		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.68	20.69	20.84	20.59	20.90	21.9	0
15	QPSK	1	37	20.60	20.63	20.51	20.75	20.73		
15	QPSK	1	74	20.33	20.74	20.82	20.58	20.48		
15	QPSK	36	0	20.43	20.60	20.74	20.46	20.69	21.9	0
15	QPSK	36	20	20.44	20.50	20.52	20.48	20.64		
15	QPSK	36	39	20.46	20.74	20.65	20.49	20.34		
15	QPSK	75	0	20.40	20.63	20.82	20.49	20.73		
15	16QAM	1	0	20.39	20.38	20.65	20.81	20.50	21.9	0
15	16QAM	1	37	20.38	20.74	20.64	20.36	20.46		
15	16QAM	1	74	20.53	20.65	20.76	20.60	20.54		
15	16QAM	36	0	20.46	20.40	20.52	20.71	20.54	21.9	0
15	16QAM	36	20	20.23	20.57	20.49	20.57	20.39		
15	16QAM	36	39	20.68	20.55	20.78	20.54	20.91		
15	16QAM	75	0	20.41	20.42	20.44	20.68	20.31		
15	64QAM	1	0	20.17	20.46	20.71	20.54	20.32	21.9	0
15	64QAM	1	37	20.39	20.78	20.92	20.54	20.87		
15	64QAM	1	74	20.45	20.48	20.55	20.60	20.63		
15	64QAM	36	0	20.31	20.34	20.42	20.52	20.40	21.9	0
15	64QAM	36	20	20.72	20.73	20.82	20.58	20.80		
15	64QAM	36	39	20.53	20.46	20.39	20.72	20.48		
15	64QAM	75	0	20.32	20.45	20.56	20.47	20.47		
15	256QAM	1	0	20.47	20.73	20.85	20.47	20.74	21.9	0
15	256QAM	1	37	20.51	20.57	20.35	20.52	20.67		
15	256QAM	1	74	20.36	20.58	20.80	20.50	20.28		
15	256QAM	36	0	20.43	20.69	20.77	20.47	20.66	21.9	0
15	256QAM	36	20	20.44	20.57	20.66	20.59	20.44		
15	256QAM	36	39	20.27	20.64	20.73	20.47	20.45		
15	256QAM	75	0	20.26	20.73	20.54	20.53	20.32		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.50	20.81	20.96	20.71	20.77	21.9	0
10	QPSK	1	25	20.60	20.60	20.70	20.70	20.64		
10	QPSK	1	49	20.50	20.56	20.82	20.63	20.40		
10	QPSK	25	0	20.47	20.55	20.82	20.32	20.71	21.9	0
10	QPSK	25	12	20.51	20.48	20.40	20.63	20.62		
10	QPSK	25	25	20.27	20.66	20.65	20.50	20.25		
10	QPSK	50	0	20.57	20.59	20.91	20.50	20.71		
10	16QAM	1	0	20.44	20.47	20.64	20.79	20.43	21.9	0
10	16QAM	1	25	20.27	20.74	20.68	20.55	20.48		
10	16QAM	1	49	20.73	20.61	20.91	20.54	20.71		
10	16QAM	25	0	20.33	20.51	20.44	20.63	20.47	21.9	0
10	16QAM	25	12	20.18	20.62	20.43	20.53	20.39		
10	16QAM	25	25	20.69	20.67	20.82	20.48	20.82		
10	16QAM	50	0	20.47	20.57	20.55	20.60	20.30		
10	64QAM	1	0	20.23	20.61	20.68	20.64	20.37	21.9	0
10	64QAM	1	25	20.39	20.75	20.79	20.48	20.88		
10	64QAM	1	49	20.61	20.53	20.64	20.60	20.64		
10	64QAM	25	0	20.37	20.53	20.63	20.49	20.31	21.9	0
10	64QAM	25	12	20.61	20.84	20.60	20.56	20.73		
10	64QAM	25	25	20.52	20.28	20.37	20.72	20.50		
10	64QAM	50	0	20.46	20.58	20.49	20.40	20.31		
10	256QAM	1	0	20.61	20.71	20.74	20.61	20.93	21.9	0
10	256QAM	1	25	20.61	20.59	20.44	20.56	20.67		
10	256QAM	1	49	20.23	20.53	20.82	20.47	20.46		
10	256QAM	25	0	20.55	20.48	20.93	20.46	20.71	21.9	0
10	256QAM	25	12	20.39	20.60	20.56	20.63	20.37		
10	256QAM	25	25	20.21	20.45	20.73	20.53	20.46		
10	256QAM	50	0	20.33	20.65	20.59	20.45	20.35		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.66	20.75	21.03	20.57	20.92	21.9	0
5	QPSK	1	12	20.62	20.58	20.62	20.79	20.61		
5	QPSK	1	24	20.46	20.71	20.74	20.48	20.49		
5	QPSK	12	0	20.61	20.60	20.84	20.41	20.60	21.9	0
5	QPSK	12	7	20.47	20.41	20.33	20.54	20.68		
5	QPSK	12	13	20.44	20.73	20.49	20.35	20.31		
5	QPSK	25	0	20.41	20.52	20.79	20.45	20.80		
5	16QAM	1	0	20.38	20.38	20.55	20.58	20.56	21.9	0
5	16QAM	1	12	20.47	20.67	20.62	20.41	20.47		
5	16QAM	1	24	20.58	20.50	20.78	20.42	20.56		
5	16QAM	12	0	20.35	20.37	20.43	20.67	20.47	21.9	0
5	16QAM	12	7	20.30	20.71	20.64	20.51	20.45		
5	16QAM	12	13	20.59	20.60	20.76	20.62	20.76		
5	16QAM	25	0	20.56	20.43	20.50	20.60	20.30		
5	64QAM	1	0	20.17	20.57	20.54	20.57	20.42	21.9	0
5	64QAM	1	12	20.45	20.78	20.74	20.64	20.94		
5	64QAM	1	24	20.53	20.56	20.63	20.68	20.61		
5	64QAM	12	0	20.37	20.41	20.53	20.42	20.32	21.9	0
5	64QAM	12	7	20.53	20.74	20.69	20.56	20.88		
5	64QAM	12	13	20.58	20.31	20.55	20.57	20.61		
5	64QAM	25	0	20.42	20.62	20.50	20.55	20.49		
5	256QAM	1	0	20.51	20.53	20.91	20.48	20.75	21.9	0
5	256QAM	1	12	20.66	20.55	20.39	20.54	20.58		
5	256QAM	1	24	20.25	20.51	20.79	20.45	20.26		
5	256QAM	12	0	20.61	20.50	20.87	20.48	20.67	21.9	0
5	256QAM	12	7	20.50	20.60	20.51	20.44	20.35		
5	256QAM	12	13	20.16	20.46	20.60	20.48	20.51		
5	256QAM	25	0	20.17	20.68	20.60	20.44	20.37		

Reduced Power Mode for DSI3

GSM850 Ant 0 DSI 3

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	190	251		128	190	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.75	31.55	31.66	33.50	22.75	22.55	22.66	24.50
GPRS 1 Tx slot	31.81	31.61	31.78	33.50	22.81	22.61	22.78	24.50
GPRS 2 Tx slots	30.56	30.14	30.51	31.50	24.56	24.14	24.51	25.50
GPRS 3 Tx slots	27.34	27.25	27.33	29.00	23.08	22.99	23.07	24.74
GPRS 4 Tx slots	25.09	25.11	25.55	27.00	22.09	22.11	22.05	24.00
EDGE 1 Tx slot	24.75	24.65	24.56	25.50	15.75	15.65	15.56	16.50
EDGE 2 Tx slots	22.84	22.90	22.99	24.00	16.84	16.90	16.99	18.00
EDGE 3 Tx slots	20.52	20.37	20.36	22.00	16.26	16.11	16.10	17.74
EDGE 4 Tx slots	18.42	18.44	18.76	20.00	15.42	15.44	15.76	17.00

WCDMA V Ant 0 DSI 3

Band		WCDMA V			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	22.24	22.38	22.26	24.00
3GPP Rel 99	RMC 12.2Kbps	22.39	22.43	22.29	24.00
3GPP Rel 6	HSDPA Subtest-1	21.22	21.33	21.18	23.00
3GPP Rel 6	HSDPA Subtest-2	22.13	22.22	22.22	23.00
3GPP Rel 6	HSDPA Subtest-3	21.84	21.81	21.68	22.50
3GPP Rel 6	HSDPA Subtest-4	21.78	21.80	21.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.30	21.32	21.20	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.26	22.18	22.14	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.82	21.90	21.87	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.79	21.74	21.69	22.50
3GPP Rel 6	HSUPA Subtest-1	22.08	22.14	22.06	23.00
3GPP Rel 6	HSUPA Subtest-2	20.30	20.32	20.23	21.00
3GPP Rel 6	HSUPA Subtest-3	21.30	21.34	21.23	22.00
3GPP Rel 6	HSUPA Subtest-4	20.28	20.24	20.19	21.00
3GPP Rel 6	HSUPA Subtest-5	21.31	21.24	21.20	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.76	19.68	19.72	20.50

Band 5 Ant0 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.61	22.70	22.58	24	0
10	QPSK	1	25	22.60	22.66	22.60		
10	QPSK	1	49	22.41	22.54	22.43		
10	QPSK	25	0	21.56	21.66	21.55	23	1
10	QPSK	25	12	21.57	21.63	21.57		
10	QPSK	25	25	21.59	21.65	21.59		
10	QPSK	50	0	21.41	21.51	21.44		
10	16QAM	1	0	21.78	21.85	21.79	23	1
10	16QAM	1	25	21.73	21.78	21.73		
10	16QAM	1	49	21.79	21.82	21.79		
10	16QAM	25	0	20.51	20.59	20.55	22	2
10	16QAM	25	12	20.54	20.61	20.49		
10	16QAM	25	25	20.57	20.61	20.58		
10	16QAM	50	0	20.56	20.59	20.50		
10	64QAM	1	0	20.66	20.75	20.68	22	2
10	64QAM	1	25	20.88	20.92	20.84		
10	64QAM	1	49	20.68	20.71	20.60		
10	64QAM	25	0	19.53	19.57	19.50	21	3
10	64QAM	25	12	19.57	19.60	19.56		
10	64QAM	25	25	19.62	19.67	19.58		
10	64QAM	50	0	19.52	19.57	19.47		
10	256QAM	1	0	17.75	17.81	17.78	19	5
10	256QAM	1	25	17.65	17.69	17.67		
10	256QAM	1	49	17.62	17.73	17.70		
10	256QAM	25	0	17.58	17.67	17.62	19	5
10	256QAM	25	12	17.58	17.61	17.61		
10	256QAM	25	25	17.59	17.55	17.56		
10	256QAM	50	0	17.59	17.61	17.57		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.50	22.59	22.54	24	0
5	QPSK	1	12	22.57	22.61	22.54		
5	QPSK	1	24	22.31	22.49	22.30		
5	QPSK	12	0	21.50	21.57	21.43	23	1
5	QPSK	12	7	21.55	21.57	21.49		
5	QPSK	12	13	21.53	21.56	21.55		
5	QPSK	25	0	21.29	21.49	21.32		
5	16QAM	1	0	21.76	21.79	21.77	23	1
5	16QAM	1	12	21.65	21.72	21.63		
5	16QAM	1	24	21.68	21.69	21.75		
5	16QAM	12	0	20.40	20.49	20.43	22	2
5	16QAM	12	7	20.48	20.53	20.46		
5	16QAM	12	13	20.52	20.53	20.45		
5	16QAM	25	0	20.48	20.46	20.38		
5	64QAM	1	0	20.57	20.65	20.63	22	2
5	64QAM	1	12	20.82	20.89	20.73		
5	64QAM	1	24	20.63	20.58	20.51		
5	64QAM	12	0	19.46	19.50	19.38	21	3
5	64QAM	12	7	19.54	19.56	19.47		
5	64QAM	12	13	19.49	19.53	19.47		
5	64QAM	25	0	19.39	19.49	19.35		
5	256QAM	1	0	17.70	17.67	17.74	19	5
5	256QAM	1	12	17.53	17.58	17.60		
5	256QAM	1	24	17.55	17.64	17.60		
5	256QAM	12	0	17.44	17.53	17.49	19	5
5	256QAM	12	7	17.50	17.53	17.55		
5	256QAM	12	13	17.56	17.53	17.53		
5	256QAM	25	0	17.56	17.50	17.50		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.50	22.61	22.48	24	0
3	QPSK	1	8	22.46	22.63	22.53		
3	QPSK	1	14	22.29	22.40	22.30		
3	QPSK	8	0	21.44	21.61	21.45	23	1
3	QPSK	8	4	21.48	21.60	21.46		
3	QPSK	8	7	21.47	21.59	21.47		
3	QPSK	15	0	21.37	21.41	21.31		
3	16QAM	1	0	21.76	21.72	21.68	23	1
3	16QAM	1	8	21.68	21.67	21.67		
3	16QAM	1	14	21.71	21.71	21.71		
3	16QAM	8	0	20.40	20.53	20.45	22	2
3	16QAM	8	4	20.48	20.48	20.46		
3	16QAM	8	7	20.48	20.48	20.47		
3	16QAM	15	0	20.50	20.47	20.47		
3	64QAM	1	0	20.55	20.72	20.61	22	2
3	64QAM	1	8	20.78	20.82	20.80		
3	64QAM	1	14	20.66	20.69	20.58		
3	64QAM	8	0	19.45	19.43	19.38	21	3
3	64QAM	8	4	19.46	19.57	19.50		
3	64QAM	8	7	19.52	19.59	19.48		
3	64QAM	15	0	19.39	19.45	19.39		
3	256QAM	1	0	17.65	17.76	17.75	19	5
3	256QAM	1	8	17.62	17.58	17.57		
3	256QAM	1	14	17.57	17.71	17.56		
3	256QAM	8	0	17.49	17.65	17.57	19	5
3	256QAM	8	4	17.55	17.54	17.57		
3	256QAM	8	7	17.56	17.44	17.50		
3	256QAM	15	0	17.52	17.53	17.46		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.53	22.64	22.45	24	0
1.4	QPSK	1	3	22.49	22.59	22.56		
1.4	QPSK	1	5	22.29	22.45	22.31		
1.4	QPSK	3	0	22.52	22.63	22.48		
1.4	QPSK	3	1	22.56	22.54	22.57		
1.4	QPSK	3	3	22.27	22.50	22.31		
1.4	QPSK	6	0	21.45	21.63	21.47	23	1
1.4	16QAM	1	0	21.52	21.49	21.49	23	1
1.4	16QAM	1	3	21.47	21.59	21.55		
1.4	16QAM	1	5	21.44	21.53	21.41		
1.4	16QAM	3	0	21.52	21.59	21.49		
1.4	16QAM	3	1	21.53	21.57	21.51		
1.4	16QAM	3	3	21.48	21.63	21.53		
1.4	16QAM	6	0	20.45	20.54	20.49	22	2
1.4	64QAM	1	0	20.46	20.53	20.39	22	2
1.4	64QAM	1	3	20.53	20.53	20.47		
1.4	64QAM	1	5	20.54	20.52	20.48		
1.4	64QAM	3	0	20.46	20.51	20.43		
1.4	64QAM	3	1	20.50	20.52	20.41		
1.4	64QAM	3	3	20.54	20.55	20.46		
1.4	64QAM	6	0	19.39	19.49	19.36	21	3
1.4	256QAM	1	0	17.65	17.77	17.72	19	5
1.4	256QAM	1	3	17.59	17.59	17.54		
1.4	256QAM	1	5	17.60	17.70	17.57		
1.4	256QAM	3	0	17.54	17.60	17.51		
1.4	256QAM	3	1	17.46	17.53	17.49		
1.4	256QAM	3	3	17.45	17.43	17.43		
1.4	256QAM	6	0	17.51	17.47	17.48	19	5

Band 26 Ant0 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.51	22.60	22.49	24	0
15	QPSK	1	37	22.44	22.55	22.40		
15	QPSK	1	74	22.48	22.51	22.40		
15	QPSK	36	0	21.38	21.48	21.42	23	1
15	QPSK	36	20	21.41	21.42	21.42		
15	QPSK	36	39	21.39	21.38	21.36		
15	QPSK	75	0	21.35	21.45	21.34		
15	16QAM	1	0	21.81	21.88	21.79	23	1
15	16QAM	1	37	21.83	21.84	21.78		
15	16QAM	1	74	21.81	21.76	21.82		
15	16QAM	36	0	20.38	20.49	20.36	22	2
15	16QAM	36	20	20.30	20.41	20.28		
15	16QAM	36	39	20.37	20.40	20.36		
15	16QAM	75	0	20.28	20.39	20.36		
15	64QAM	1	0	20.51	20.57	20.49	22	2
15	64QAM	1	37	20.48	20.57	20.53		
15	64QAM	1	74	20.34	20.38	20.31		
15	64QAM	36	0	19.52	19.59	19.54	21	3
15	64QAM	36	20	19.47	19.53	19.48		
15	64QAM	36	39	19.41	19.53	19.48		
15	64QAM	75	0	19.39	19.49	19.39		
15	256QAM	1	0	17.53	17.63	17.51	19	5
15	256QAM	1	37	17.51	17.58	17.50		
15	256QAM	1	74	17.50	17.56	17.45		
15	256QAM	36	0	17.53	17.57	17.49	19	5
15	256QAM	36	20	17.42	17.52	17.40		
15	256QAM	36	39	17.51	17.56	17.47		
15	256QAM	75	0	17.51	17.56	17.49		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.41	22.56	22.39	24	0
10	QPSK	1	25	22.33	22.47	22.30		
10	QPSK	1	49	22.42	22.42	22.28		
10	QPSK	25	0	21.25	21.43	21.34	23	1
10	QPSK	25	12	21.39	21.34	21.33		
10	QPSK	25	25	21.34	21.31	21.31		
10	QPSK	50	0	21.26	21.42	21.28		
10	16QAM	1	0	21.77	21.82	21.70	23	1
10	16QAM	1	25	21.81	21.81	21.72		
10	16QAM	1	49	21.76	21.71	21.69		
10	16QAM	25	0	20.29	20.40	20.32	22	2
10	16QAM	25	12	20.17	20.32	20.23		
10	16QAM	25	25	20.31	20.30	20.23		
10	16QAM	50	0	20.16	20.30	20.22		
10	64QAM	1	0	20.39	20.54	20.36	22	2
10	64QAM	1	25	20.35	20.46	20.42		
10	64QAM	1	49	20.26	20.26	20.26		
10	64QAM	25	0	19.44	19.50	19.49	21	3
10	64QAM	25	12	19.44	19.45	19.38		
10	64QAM	25	25	19.37	19.40	19.35		
10	64QAM	50	0	19.29	19.42	19.29		
10	256QAM	1	0	17.44	17.53	17.46	19	5
10	256QAM	1	25	17.44	17.55	17.38		
10	256QAM	1	49	17.38	17.53	17.34		
10	256QAM	25	0	17.45	17.49	17.44	19	5
10	256QAM	25	12	17.31	17.43	17.28		
10	256QAM	25	25	17.43	17.54	17.34		
10	256QAM	50	0	17.42	17.44	17.36		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.46	22.50	22.39	24	0
5	QPSK	1	12	22.42	22.48	22.36		
5	QPSK	1	24	22.40	22.42	22.35		
5	QPSK	12	0	21.28	21.40	21.38	23	1
5	QPSK	12	7	21.33	21.38	21.33		
5	QPSK	12	13	21.32	21.33	21.33		
5	QPSK	25	0	21.23	21.33	21.21		
5	16QAM	1	0	21.72	21.75	21.70	23	1
5	16QAM	1	12	21.77	21.74	21.66		
5	16QAM	1	24	21.72	21.71	21.78		
5	16QAM	12	0	20.34	20.41	20.25	22	2
5	16QAM	12	7	20.20	20.29	20.24		
5	16QAM	12	13	20.27	20.35	20.27		
5	16QAM	25	0	20.25	20.37	20.26		
5	64QAM	1	0	20.42	20.53	20.37	22	2
5	64QAM	1	12	20.44	20.48	20.40		
5	64QAM	1	24	20.24	20.25	20.21		
5	64QAM	12	0	19.47	19.55	19.51	21	3
5	64QAM	12	7	19.45	19.40	19.36		
5	64QAM	12	13	19.33	19.43	19.44		
5	64QAM	25	0	19.34	19.41	19.36		
5	256QAM	1	0	17.47	17.51	17.45	19	5
5	256QAM	1	12	17.49	17.48	17.42		
5	256QAM	1	24	17.40	17.48	17.35		
5	256QAM	12	0	17.45	17.46	17.35	19	5
5	256QAM	12	7	17.28	17.49	17.27		
5	256QAM	12	13	17.38	17.48	17.41		
5	256QAM	25	0	17.38	17.45	17.46		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.42	22.49	22.38	24	0
3	QPSK	1	8	22.37	22.53	22.35		
3	QPSK	1	14	22.41	22.45	22.29		
3	QPSK	8	0	21.35	21.37	21.30	23	1
3	QPSK	8	4	21.35	21.29	21.35		
3	QPSK	8	7	21.25	21.25	21.26		
3	QPSK	15	0	21.28	21.35	21.29		
3	16QAM	1	0	21.70	21.79	21.73	23	1
3	16QAM	1	8	21.70	21.79	21.71		
3	16QAM	1	14	21.68	21.70	21.79		
3	16QAM	8	0	20.34	20.42	20.22	22	2
3	16QAM	8	4	20.19	20.33	20.20		
3	16QAM	8	7	20.28	20.36	20.27		
3	16QAM	15	0	20.23	20.36	20.30		
3	64QAM	1	0	20.44	20.52	20.35	22	2
3	64QAM	1	8	20.37	20.43	20.50		
3	64QAM	1	14	20.25	20.25	20.20		
3	64QAM	8	0	19.41	19.55	19.41	21	3
3	64QAM	8	4	19.43	19.40	19.45		
3	64QAM	8	7	19.35	19.46	19.41		
3	64QAM	15	0	19.32	19.38	19.35		
3	256QAM	1	0	17.48	17.59	17.44	19	5
3	256QAM	1	8	17.48	17.46	17.42		
3	256QAM	1	14	17.40	17.45	17.42		
3	256QAM	8	0	17.49	17.50	17.38	19	5
3	256QAM	8	4	17.34	17.45	17.32		
3	256QAM	8	7	17.41	17.53	17.39		
3	256QAM	15	0	17.46	17.48	17.47		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.28	22.40	22.21	24	0
1.4	QPSK	1	3	22.23	22.40	22.38		
1.4	QPSK	1	5	22.13	22.29	22.13		
1.4	QPSK	3	0	22.34	22.47	22.23		
1.4	QPSK	3	1	22.41	22.33	22.34		
1.4	QPSK	3	3	22.03	22.25	22.07		
1.4	QPSK	6	0	21.31	21.39	21.32	23	1
1.4	16QAM	1	0	21.32	21.29	21.28	23	1
1.4	16QAM	1	3	21.27	21.42	21.32		
1.4	16QAM	1	5	21.27	21.30	21.21		
1.4	16QAM	3	0	21.36	21.40	21.34		
1.4	16QAM	3	1	21.32	21.40	21.34		
1.4	16QAM	3	3	21.22	21.40	21.38		
1.4	16QAM	6	0	20.31	20.32	20.34	22	2
1.4	64QAM	1	0	20.21	20.29	20.25	22	2
1.4	64QAM	1	3	20.29	20.29	20.23		
1.4	64QAM	1	5	20.37	20.31	20.26		
1.4	64QAM	3	0	20.23	20.26	20.27		
1.4	64QAM	3	1	20.33	20.27	20.21		
1.4	64QAM	3	3	20.31	20.36	20.26		
1.4	64QAM	6	0	19.15	19.27	19.11	21	3
1.4	256QAM	1	0	17.50	17.54	17.57	19	5
1.4	256QAM	1	3	17.39	17.40	17.29		
1.4	256QAM	1	5	17.45	17.52	17.36		
1.4	256QAM	3	0	17.32	17.44	17.37		
1.4	256QAM	3	1	17.23	17.33	17.31		
1.4	256QAM	3	3	17.28	17.25	17.26		
1.4	256QAM	6	0	17.26	17.25	17.32	19	5

Band 71 Ant0 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.44	22.47	22.43	24	0
20	QPSK	1	49	22.27	22.37	22.28		
20	QPSK	1	99	22.31	22.34	22.27		
20	QPSK	50	0	21.40	21.50	21.42	23	1
20	QPSK	50	24	21.31	21.42	21.38		
20	QPSK	50	50	21.34	21.44	21.38		
20	QPSK	100	0	21.34	21.43	21.38		
20	16QAM	1	0	21.65	21.72	21.62	23	1
20	16QAM	1	49	21.52	21.64	21.52		
20	16QAM	1	99	21.63	21.67	21.56		
20	16QAM	50	0	20.43	20.52	20.45	22	2
20	16QAM	50	24	20.37	20.44	20.34		
20	16QAM	50	50	20.41	20.45	20.35		
20	16QAM	100	0	20.36	20.42	20.34		
20	64QAM	1	0	20.45	20.51	20.45	22	2
20	64QAM	1	49	20.33	20.46	20.42		
20	64QAM	1	99	20.30	20.41	20.35		
20	64QAM	50	0	19.42	19.49	19.41	21	3
20	64QAM	50	24	19.28	19.39	19.36		
20	64QAM	50	50	19.31	19.41	19.29		
20	64QAM	100	0	19.38	19.46	19.40		
20	256QAM	1	0	17.54	17.59	17.51	19	5
20	256QAM	1	49	17.38	17.49	17.43		
20	256QAM	1	99	17.50	17.54	17.41		
20	256QAM	50	0	17.38	17.44	17.38	19	5
20	256QAM	50	24	17.45	17.51	17.46		
20	256QAM	50	50	17.47	17.52	17.41		
20	256QAM	100	0	17.50	17.54	17.47		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.32	22.34	22.30	24	0
15	QPSK	1	37	22.18	22.27	22.19		
15	QPSK	1	74	22.22	22.29	22.21		
15	QPSK	36	0	21.32	21.48	21.34	23	1
15	QPSK	36	20	21.28	21.31	21.25		
15	QPSK	36	39	21.30	21.36	21.27		
15	QPSK	75	0	21.25	21.36	21.25		
15	16QAM	1	0	21.57	21.61	21.50	23	1
15	16QAM	1	37	21.42	21.50	21.43		
15	16QAM	1	74	21.51	21.55	21.48		
15	16QAM	36	0	20.37	20.46	20.31	22	2
15	16QAM	36	20	20.23	20.38	20.22		
15	16QAM	36	39	20.32	20.37	20.28		
15	16QAM	75	0	20.23	20.28	20.20		
15	64QAM	1	0	20.37	20.38	20.36	22	2
15	64QAM	1	37	20.21	20.34	20.32		
15	64QAM	1	74	20.17	20.30	20.30		
15	64QAM	36	0	19.33	19.35	19.28	21	3
15	64QAM	36	20	19.14	19.36	19.26		
15	64QAM	36	39	19.19	19.33	19.17		
15	64QAM	75	0	19.30	19.44	19.35		
15	256QAM	1	0	17.52	17.47	17.39	19	5
15	256QAM	1	37	17.35	17.41	17.31		
15	256QAM	1	74	17.45	17.48	17.28		
15	256QAM	36	0	17.30	17.35	17.28	19	5
15	256QAM	36	20	17.35	17.40	17.35		
15	256QAM	36	39	17.34	17.43	17.34		
15	256QAM	75	0	17.36	17.47	17.39		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.38	22.33	22.40	24	0
10	QPSK	1	25	22.20	22.28	22.19		
10	QPSK	1	49	22.22	22.23	22.23		
10	QPSK	25	0	21.29	21.46	21.40	23	1
10	QPSK	25	12	21.22	21.31	21.27		
10	QPSK	25	25	21.23	21.32	21.30		
10	QPSK	50	0	21.28	21.38	21.24		
10	16QAM	1	0	21.54	21.61	21.57	23	1
10	16QAM	1	25	21.45	21.56	21.45		
10	16QAM	1	49	21.56	21.60	21.50		
10	16QAM	25	0	20.35	20.48	20.41	22	2
10	16QAM	25	12	20.34	20.42	20.26		
10	16QAM	25	25	20.37	20.38	20.25		
10	16QAM	50	0	20.33	20.30	20.22		
10	64QAM	1	0	20.37	20.38	20.37	22	2
10	64QAM	1	25	20.28	20.33	20.36		
10	64QAM	1	49	20.24	20.28	20.27		
10	64QAM	25	0	19.39	19.37	19.36	21	3
10	64QAM	25	12	19.26	19.35	19.24		
10	64QAM	25	25	19.17	19.37	19.20		
10	64QAM	50	0	19.27	19.44	19.36		
10	256QAM	1	0	17.49	17.47	17.49	19	5
10	256QAM	1	25	17.33	17.46	17.32		
10	256QAM	1	49	17.47	17.46	17.30		
10	256QAM	25	0	17.31	17.39	17.36	19	5
10	256QAM	25	12	17.33	17.42	17.35		
10	256QAM	25	25	17.34	17.48	17.30		
10	256QAM	50	0	17.45	17.40	17.36		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.37	22.35	22.36	24	0
5	QPSK	1	12	22.16	22.34	22.21		
5	QPSK	1	24	22.21	22.28	22.19		
5	QPSK	12	0	21.31	21.41	21.29	23	1
5	QPSK	12	7	21.18	21.34	21.28		
5	QPSK	12	13	21.27	21.41	21.29		
5	QPSK	25	0	21.22	21.30	21.33		
5	16QAM	1	0	21.53	21.61	21.49	23	1
5	16QAM	1	12	21.48	21.61	21.47		
5	16QAM	1	24	21.57	21.60	21.47		
5	16QAM	12	0	20.37	20.44	20.40	22	2
5	16QAM	12	7	20.31	20.34	20.25		
5	16QAM	12	13	20.29	20.31	20.30		
5	16QAM	25	0	20.26	20.33	20.28		
5	64QAM	1	0	20.38	20.38	20.38	22	2
5	64QAM	1	12	20.29	20.41	20.30		
5	64QAM	1	24	20.18	20.27	20.28		
5	64QAM	12	0	19.37	19.37	19.28	21	3
5	64QAM	12	7	19.17	19.26	19.26		
5	64QAM	12	13	19.18	19.30	19.23		
5	64QAM	25	0	19.27	19.36	19.28		
5	256QAM	1	0	17.52	17.45	17.39	19	5
5	256QAM	1	12	17.24	17.46	17.35		
5	256QAM	1	24	17.40	17.51	17.37		
5	256QAM	12	0	17.32	17.35	17.27	19	5
5	256QAM	12	7	17.40	17.48	17.41		
5	256QAM	12	13	17.44	17.39	17.28		
5	256QAM	25	0	17.44	17.51	17.45		

GSM1900 Ant 1 DSI 3

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.18	29.46	29.52	30.50	20.18	20.46	20.52	21.50
GPRS 1 Tx slot	29.27	29.41	29.30	30.50	20.27	20.41	20.30	21.50
GPRS 2 Tx slots	26.88	26.91	26.75	28.00	20.88	20.91	20.75	22.00
GPRS 3 Tx slots	24.26	24.58	24.53	26.20	20.02	20.32	20.27	21.94
GPRS 4 Tx slots	23.41	23.57	23.59	24.50	20.41	20.57	20.59	21.50
EDGE 1 Tx slot	25.02	25.34	25.52	26.50	16.02	16.34	16.52	17.50
EDGE 2 Tx slots	22.58	22.89	22.87	24.00	16.58	16.89	16.87	18.00
EDGE 3 Tx slots	21.23	21.32	21.16	22.50	16.97	17.06	16.90	18.24
EDGE 4 Tx slots	18.68	19.00	18.95	20.00	15.68	16.00	15.95	17.00

WCDMA II Ant 1 DSI 3

Band		WCDMA II			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Rx Channel		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	20.74	20.87	20.69	21.60
3GPP Rel 99	RMC 12.2Kbps	20.81	20.94	20.76	21.60
3GPP Rel 6	HSDPA Subtest-1	19.60	19.70	19.61	20.60
3GPP Rel 6	HSDPA Subtest-2	19.85	20.09	20.12	20.60
3GPP Rel 6	HSDPA Subtest-3	19.67	19.62	19.56	20.10
3GPP Rel 6	HSDPA Subtest-4	19.56	19.61	19.51	20.10
3GPP Rel 8	DC-HSDPA Subtest-1	19.17	19.07	19.01	20.60
3GPP Rel 8	DC-HSDPA Subtest-2	20.04	19.91	19.90	20.60
3GPP Rel 8	DC-HSDPA Subtest-3	19.69	19.60	19.52	20.10
3GPP Rel 8	DC-HSDPA Subtest-4	19.59	19.47	19.54	20.10
3GPP Rel 6	HSUPA Subtest-1	19.87	19.96	19.84	20.60
3GPP Rel 6	HSUPA Subtest-2	18.17	18.12	18.04	18.60
3GPP Rel 6	HSUPA Subtest-3	19.20	19.20	19.08	19.60
3GPP Rel 6	HSUPA Subtest-4	18.19	18.02	17.97	18.60
3GPP Rel 6	HSUPA Subtest-5	19.11	19.02	19.03	20.60
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.59	17.56	17.58	18.10

Band 2 Ant1 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.04	21.15	21.03	21.9	0
20	QPSK	1	49	20.76	20.82	20.73		
20	QPSK	1	99	20.76	20.83	20.77		
20	QPSK	50	0	20.95	21.12	20.99	21.9	0
20	QPSK	50	24	20.95	21.06	20.92		
20	QPSK	50	50	20.93	21.11	20.95		
20	QPSK	100	0	20.95	21.09	20.94		
20	16QAM	1	0	20.95	21.09	20.91	21.9	0
20	16QAM	1	49	20.98	21.05	20.96		
20	16QAM	1	99	20.93	21.08	20.97		
20	16QAM	50	0	20.77	20.85	20.74	21.9	0
20	16QAM	50	24	20.64	20.77	20.70		
20	16QAM	50	50	20.72	20.82	20.74		
20	16QAM	100	0	20.76	20.81	20.74		
20	64QAM	1	0	20.72	20.74	20.70	21.9	0
20	64QAM	1	49	20.50	20.62	20.58		
20	64QAM	1	99	20.64	20.71	20.61		
20	64QAM	50	0	19.69	19.80	19.77	21	0.9
20	64QAM	50	24	19.58	19.69	19.60		
20	64QAM	50	50	19.64	19.72	19.68		
20	64QAM	100	0	19.65	19.72	19.65		
20	256QAM	1	0	17.76	17.80	17.74	19	2.9
20	256QAM	1	49	17.70	17.76	17.70		
20	256QAM	1	99	17.64	17.70	17.66		
20	256QAM	50	0	17.76	17.84	17.74	19	2.9
20	256QAM	50	24	17.66	17.74	17.68		
20	256QAM	50	50	17.65	17.69	17.59		
20	256QAM	100	0	17.59	17.71	17.66		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.00	21.05	20.96	21.9	0
15	QPSK	1	37	20.72	20.70	20.67		
15	QPSK	1	74	20.64	20.74	20.73		
15	QPSK	36	0	20.86	21.08	20.96	21.9	0
15	QPSK	36	20	20.85	21.00	20.85		
15	QPSK	36	39	20.83	20.99	20.89		
15	QPSK	75	0	20.86	20.99	20.90		
15	16QAM	1	0	20.88	21.00	20.81	21.9	0
15	16QAM	1	37	20.90	20.96	20.88		
15	16QAM	1	74	20.85	21.02	20.92		
15	16QAM	36	0	20.73	20.79	20.67	21.9	0
15	16QAM	36	20	20.61	20.65	20.60		
15	16QAM	36	39	20.61	20.79	20.68		
15	16QAM	75	0	20.65	20.69	20.62		
15	64QAM	1	0	20.65	20.63	20.57	21.9	0
15	64QAM	1	37	20.65	20.57	20.55		
15	64QAM	1	74	20.59	20.62	20.57		
15	64QAM	36	0	19.56	19.78	19.67	21	0.9
15	64QAM	36	20	19.54	19.57	19.55		
15	64QAM	36	39	19.51	19.60	19.62		
15	64QAM	75	0	19.57	19.68	19.54		
15	256QAM	1	0	17.71	17.76	17.66	19	2.9
15	256QAM	1	37	17.64	17.73	17.57		
15	256QAM	1	74	17.56	17.56	17.57		
15	256QAM	36	0	17.73	17.75	17.63	19	2.9
15	256QAM	36	20	17.62	17.68	17.60		
15	256QAM	36	39	17.53	17.57	17.50		
15	256QAM	75	0	17.54	17.60	17.61		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.91	21.10	20.94	21.9	0
10	QPSK	1	25	20.67	20.76	20.69		
10	QPSK	1	49	20.68	20.70	20.71		
10	QPSK	25	0	20.85	21.03	20.87	21.9	0
10	QPSK	25	12	20.86	21.01	20.88		
10	QPSK	25	25	20.83	21.02	20.89		
10	QPSK	50	0	20.84	21.03	20.88		
10	16QAM	1	0	20.82	21.06	20.83	21.9	0
10	16QAM	1	25	20.88	20.92	20.90		
10	16QAM	1	49	20.84	20.99	20.92		
10	16QAM	25	0	20.73	20.78	20.65	21.9	0
10	16QAM	25	12	20.58	20.74	20.57		
10	16QAM	25	25	20.60	20.79	20.69		
10	16QAM	50	0	20.64	20.75	20.67		
10	64QAM	1	0	20.64	20.66	20.60	21.9	0
10	64QAM	1	25	20.73	20.50	20.54		
10	64QAM	1	49	20.58	20.67	20.52		
10	64QAM	25	0	19.62	19.70	19.65	21	0.9
10	64QAM	25	12	19.53	19.56	19.53		
10	64QAM	25	25	19.61	19.65	19.55		
10	64QAM	50	0	19.59	19.65	19.59		
10	256QAM	1	0	17.72	17.71	17.64	19	2.9
10	256QAM	1	25	17.61	17.64	17.59		
10	256QAM	1	49	17.51	17.58	17.63		
10	256QAM	25	0	17.68	17.79	17.69	19	2.9
10	256QAM	25	12	17.60	17.60	17.62		
10	256QAM	25	25	17.61	17.67	17.50		
10	256QAM	50	0	17.55	17.66	17.60		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.94	21.06	20.92	21.9	0
5	QPSK	1	12	20.69	20.70	20.69		
5	QPSK	1	24	20.64	20.75	20.72		
5	QPSK	12	0	20.86	21.06	20.88	21.9	0
5	QPSK	12	7	20.83	21.02	20.80		
5	QPSK	12	13	20.88	21.07	20.86		
5	QPSK	25	0	20.84	20.98	20.89		
5	16QAM	1	0	20.90	21.05	20.81	21.9	0
5	16QAM	1	12	20.86	20.94	20.88		
5	16QAM	1	24	20.83	20.98	20.92		
5	16QAM	12	0	20.64	20.74	20.61	21.9	0
5	16QAM	12	7	20.59	20.70	20.62		
5	16QAM	12	13	20.67	20.76	20.67		
5	16QAM	25	0	20.73	20.73	20.71		
5	64QAM	1	0	20.58	20.67	20.65	21.9	0
5	64QAM	1	12	20.66	20.58	20.50		
5	64QAM	1	24	20.63	20.67	20.55		
5	64QAM	12	0	19.62	19.74	19.63	21	0.9
5	64QAM	12	7	19.54	19.61	19.57		
5	64QAM	12	13	19.59	19.59	19.61		
5	64QAM	25	0	19.61	19.65	19.55		
5	256QAM	1	0	17.74	17.75	17.65	19	2.9
5	256QAM	1	12	17.63	17.66	17.63		
5	256QAM	1	24	17.61	17.68	17.59		
5	256QAM	12	0	17.62	17.80	17.66	19	2.9
5	256QAM	12	7	17.53	17.65	17.60		
5	256QAM	12	13	17.57	17.57	17.53		
5	256QAM	25	0	17.52	17.64	17.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.97	21.08	20.91	21.9	0
3	QPSK	1	8	20.67	20.72	20.62		
3	QPSK	1	14	20.63	20.77	20.64		
3	QPSK	8	0	20.92	21.07	20.86	21.9	0
3	QPSK	8	4	20.89	21.03	20.79		
3	QPSK	8	7	20.81	21.01	20.91		
3	QPSK	15	0	20.92	21.04	20.83		
3	16QAM	1	0	20.87	21.01	20.82	21.9	0
3	16QAM	1	8	20.90	21.02	20.88		
3	16QAM	1	14	20.90	21.03	20.88		
3	16QAM	8	0	20.75	20.80	20.72	21.9	0
3	16QAM	8	4	20.51	20.68	20.59		
3	16QAM	8	7	20.70	20.74	20.68		
3	16QAM	15	0	20.62	20.74	20.65		
3	64QAM	1	0	20.59	20.69	20.64	21.9	0
3	64QAM	1	8	20.65	20.54	20.51		
3	64QAM	1	14	20.59	20.62	20.54		
3	64QAM	8	0	19.58	19.73	19.64	21	0.9
3	64QAM	8	4	19.50	19.63	19.50		
3	64QAM	8	7	19.50	19.69	19.57		
3	64QAM	15	0	19.62	19.60	19.55		
3	256QAM	1	0	17.67	17.77	17.63	19	2.9
3	256QAM	1	8	17.65	17.71	17.63		
3	256QAM	1	14	17.61	17.63	17.63		
3	256QAM	8	0	17.71	17.81	17.68	19	2.9
3	256QAM	8	4	17.61	17.67	17.66		
3	256QAM	8	7	17.54	17.61	17.53		
3	256QAM	15	0	17.56	17.66	17.56		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.96	21.05	20.90	21.9	0
1.4	QPSK	1	3	20.67	20.77	20.70		
1.4	QPSK	1	5	20.68	20.79	20.70		
1.4	QPSK	3	0	20.93	21.05	20.95		
1.4	QPSK	3	1	20.65	20.71	20.70		
1.4	QPSK	3	3	20.64	20.70	20.70		
1.4	QPSK	6	0	20.85	21.04	20.96	21.9	0
1.4	16QAM	1	0	20.90	20.99	20.83	21.9	0
1.4	16QAM	1	3	20.84	21.01	20.88		
1.4	16QAM	1	5	20.88	20.96	20.87		
1.4	16QAM	3	0	20.91	21.05	20.86		
1.4	16QAM	3	1	20.87	20.95	20.87		
1.4	16QAM	3	3	20.85	21.00	20.89		
1.4	16QAM	6	0	20.59	20.64	20.52	21.9	0
1.4	64QAM	1	0	20.51	20.66	20.50	21.9	0
1.4	64QAM	1	3	20.56	20.60	20.59		
1.4	64QAM	1	5	20.51	20.63	20.52		
1.4	64QAM	3	0	20.56	20.68	20.57		
1.4	64QAM	3	1	20.50	20.63	20.53		
1.4	64QAM	3	3	20.59	20.66	20.58		
1.4	64QAM	6	0	19.55	19.59	19.60	21	0.9
1.4	256QAM	1	0	17.72	17.66	17.63	19	2.9
1.4	256QAM	1	3	17.59	17.71	17.61		
1.4	256QAM	1	5	17.52	17.58	17.60		
1.4	256QAM	3	0	17.65	17.82	17.65		
1.4	256QAM	3	1	17.64	17.67	17.58		
1.4	256QAM	3	3	17.59	17.57	17.52		
1.4	256QAM	6	0	17.51	17.64	17.57	19	2.9

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.19	21.31	21.18	22	0
20	QPSK	1	49	21.09	21.15	21.10		
20	QPSK	1	99	21.06	21.22	21.07		
20	QPSK	50	0	21.12	21.28	21.06	22	0
20	QPSK	50	24	21.05	21.03	21.03		
20	QPSK	50	50	21.03	21.15	20.96		
20	QPSK	100	0	21.15	21.23	21.15		
20	16QAM	1	0	21.06	21.20	21.10	22	0
20	16QAM	1	49	20.96	21.10	21.02		
20	16QAM	1	99	20.98	21.17	21.03		
20	16QAM	50	0	20.58	20.66	20.58	22	0
20	16QAM	50	24	20.56	20.63	20.50		
20	16QAM	50	50	20.60	20.66	20.60		
20	16QAM	100	0	20.55	20.67	20.57		
20	64QAM	1	0	20.82	20.93	20.81	22	0
20	64QAM	1	49	20.60	20.71	20.59		
20	64QAM	1	99	20.57	20.63	20.52		
20	64QAM	50	0	19.57	19.64	19.55	21	1
20	64QAM	50	24	19.44	19.52	19.44		
20	64QAM	50	50	19.43	19.53	19.45		
20	64QAM	100	0	19.42	19.54	19.45		
20	256QAM	1	0	17.62	17.70	17.61	19	3
20	256QAM	1	49	17.54	17.60	17.50		
20	256QAM	1	99	17.44	17.57	17.48		
20	256QAM	50	0	17.54	17.63	17.51	19	3
20	256QAM	50	24	17.43	17.48	17.43		
20	256QAM	50	50	17.41	17.54	17.49		
20	256QAM	100	0	17.41	17.54	17.48		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.13	21.24	21.12	22	0
15	QPSK	1	37	21.00	21.03	21.06		
15	QPSK	1	74	20.95	21.10	21.03		
15	QPSK	36	0	21.01	21.10	20.93	22	0
15	QPSK	36	20	20.95	20.96	20.93		
15	QPSK	36	39	20.98	21.02	20.88		
15	QPSK	75	0	21.05	21.13	21.10		
15	16QAM	1	0	20.95	21.09	21.00	22	0
15	16QAM	1	37	20.88	21.02	20.93		
15	16QAM	1	74	20.90	21.11	20.96		
15	16QAM	36	0	20.39	20.47	20.38	22	0
15	16QAM	36	20	20.37	20.43	20.32		
15	16QAM	36	39	20.38	20.41	20.40		
15	16QAM	75	0	20.35	20.48	20.35		
15	64QAM	1	0	20.61	20.69	20.55	22	0
15	64QAM	1	37	20.37	20.45	20.40		
15	64QAM	1	74	20.52	20.56	20.39		
15	64QAM	36	0	19.51	19.56	19.54	21	1
15	64QAM	36	20	19.40	19.54	19.46		
15	64QAM	36	39	19.36	19.47	19.36		
15	64QAM	75	0	19.41	19.47	19.38		
15	256QAM	1	0	17.44	17.56	17.47	19	3
15	256QAM	1	37	17.40	17.48	17.33		
15	256QAM	1	74	17.31	17.38	17.35		
15	256QAM	36	0	17.51	17.54	17.38	19	3
15	256QAM	36	20	17.40	17.46	17.35		
15	256QAM	36	39	17.38	17.51	17.42		
15	256QAM	75	0	17.34	17.40	17.43		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.16	21.18	21.08	22	0
10	QPSK	1	25	21.01	21.10	21.00		
10	QPSK	1	49	21.00	21.17	20.95		
10	QPSK	25	0	21.06	21.05	20.94	22	0
10	QPSK	25	12	20.93	20.98	20.94		
10	QPSK	25	25	20.97	21.06	20.91		
10	QPSK	50	0	21.06	21.12	21.06		
10	16QAM	1	0	21.03	21.09	21.00	22	0
10	16QAM	1	25	20.86	21.06	20.94		
10	16QAM	1	49	20.85	21.09	20.90		
10	16QAM	25	0	20.50	20.59	20.49	22	0
10	16QAM	25	12	20.44	20.58	20.43		
10	16QAM	25	25	20.55	20.58	20.51		
10	16QAM	50	0	20.46	20.55	20.50		
10	64QAM	1	0	20.78	20.83	20.76	22	0
10	64QAM	1	25	20.54	20.68	20.49		
10	64QAM	1	49	20.53	20.50	20.47		
10	64QAM	25	0	19.53	19.52	19.50	21	1
10	64QAM	25	12	19.31	19.45	19.40		
10	64QAM	25	25	19.36	19.44	19.33		
10	64QAM	50	0	19.38	19.42	19.32		
10	256QAM	1	0	17.54	17.58	17.53	19	3
10	256QAM	1	25	17.45	17.57	17.42		
10	256QAM	1	49	17.36	17.43	17.42		
10	256QAM	25	0	17.42	17.53	17.39	19	3
10	256QAM	25	12	17.31	17.36	17.31		
10	256QAM	25	25	17.34	17.45	17.46		
10	256QAM	50	0	17.39	17.48	17.34		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.10	21.24	21.14	22	0
5	QPSK	1	12	21.00	21.06	21.01		
5	QPSK	1	24	20.96	21.11	21.02		
5	QPSK	12	0	21.03	21.14	20.94	22	0
5	QPSK	12	7	20.95	20.96	20.93		
5	QPSK	12	13	20.95	21.10	20.86		
5	QPSK	25	0	21.11	21.17	21.05		
5	16QAM	1	0	21.00	21.14	21.03	22	0
5	16QAM	1	12	20.89	21.03	20.94		
5	16QAM	1	24	20.86	21.08	20.91		
5	16QAM	12	0	20.55	20.63	20.54	22	0
5	16QAM	12	7	20.50	20.59	20.41		
5	16QAM	12	13	20.57	20.54	20.50		
5	16QAM	25	0	20.45	20.56	20.49		
5	64QAM	1	0	20.75	20.83	20.71	22	0
5	64QAM	1	12	20.49	20.64	20.54		
5	64QAM	1	24	20.45	20.58	20.50		
5	64QAM	12	0	19.53	19.55	19.47	21	1
5	64QAM	12	7	19.31	19.40	19.40		
5	64QAM	12	13	19.39	19.42	19.34		
5	64QAM	25	0	19.33	19.49	19.38		
5	256QAM	1	0	17.59	17.65	17.54	19	3
5	256QAM	1	12	17.41	17.47	17.43		
5	256QAM	1	24	17.41	17.53	17.37		
5	256QAM	12	0	17.46	17.56	17.42	19	3
5	256QAM	12	7	17.30	17.41	17.35		
5	256QAM	12	13	17.38	17.42	17.43		
5	256QAM	25	0	17.34	17.51	17.43		

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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	22.35	22.38	22.28	23	0
20	QPSK	1	49	22.31	22.36	22.27		
20	QPSK	1	99	22.23	22.30	22.28		
20	QPSK	50	0	21.52	21.65	21.62	23	0
20	QPSK	50	24	21.51	21.60	21.47		
20	QPSK	50	50	21.58	21.62	21.60		
20	QPSK	100	0	21.51	21.58	21.49		
20	16QAM	1	0	21.65	21.68	21.61	23	0
20	16QAM	1	49	21.48	21.52	21.43		
20	16QAM	1	99	21.49	21.60	21.53		
20	16QAM	50	0	20.63	20.66	20.57	22	1
20	16QAM	50	24	20.48	20.55	20.43		
20	16QAM	50	50	20.44	20.54	20.46		
20	16QAM	100	0	20.56	20.59	20.51		
20	64QAM	1	0	20.66	20.74	20.61	22	1
20	64QAM	1	49	20.70	20.74	20.63		
20	64QAM	1	99	20.47	20.58	20.49		
20	64QAM	50	0	19.53	19.65	19.59	21	2
20	64QAM	50	24	19.57	19.59	19.55		
20	64QAM	50	50	19.51	19.61	19.49		
20	64QAM	100	0	19.53	19.56	19.43		
20	256QAM	1	0	17.56	17.68	17.64	19	4
20	256QAM	1	49	17.50	17.58	17.52		
20	256QAM	1	99	17.45	17.57	17.51		
20	256QAM	50	0	17.52	17.63	17.61	19	4
20	256QAM	50	24	17.46	17.60	17.48		
20	256QAM	50	50	17.45	17.58	17.49		
20	256QAM	100	0	17.40	17.53	17.46		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.24	22.25	22.20	23	0
15	QPSK	1	37	22.25	22.31	22.15		
15	QPSK	1	74	22.20	22.23	22.16		
15	QPSK	36	0	21.43	21.55	21.52	23	0
15	QPSK	36	20	21.49	21.51	21.43		
15	QPSK	36	39	21.51	21.59	21.56		
15	QPSK	75	0	21.43	21.55	21.47		
15	16QAM	1	0	21.54	21.61	21.54	23	0
15	16QAM	1	37	21.38	21.47	21.39		
15	16QAM	1	74	21.38	21.50	21.48		
15	16QAM	36	0	20.53	20.55	20.53	22	1
15	16QAM	36	20	20.37	20.49	20.39		
15	16QAM	36	39	20.32	20.52	20.33		
15	16QAM	75	0	20.43	20.49	20.41		
15	64QAM	1	0	20.59	20.64	20.55	22	1
15	64QAM	1	37	20.57	20.65	20.58		
15	64QAM	1	74	20.41	20.54	20.38		
15	64QAM	36	0	19.42	19.60	19.57	21	2
15	64QAM	36	20	19.47	19.53	19.49		
15	64QAM	36	39	19.46	19.51	19.36		
15	64QAM	75	0	19.50	19.54	19.34		
15	256QAM	1	0	17.45	17.62	17.53	19	4
15	256QAM	1	37	17.47	17.55	17.44		
15	256QAM	1	74	17.34	17.49	17.41		
15	256QAM	36	0	17.48	17.49	17.51	19	4
15	256QAM	36	20	17.43	17.53	17.43		
15	256QAM	36	39	17.40	17.44	17.45		
15	256QAM	75	0	17.34	17.41	17.38		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.25	22.28	22.25	23	0
10	QPSK	1	25	22.23	22.25	22.20		
10	QPSK	1	49	22.13	22.23	22.25		
10	QPSK	25	0	21.39	21.55	21.52	23	0
10	QPSK	25	12	21.42	21.50	21.34		
10	QPSK	25	25	21.48	21.51	21.51		
10	QPSK	50	0	21.37	21.46	21.41		
10	16QAM	1	0	21.57	21.63	21.57	23	0
10	16QAM	1	25	21.36	21.42	21.29		
10	16QAM	1	49	21.38	21.55	21.46		
10	16QAM	25	0	20.59	20.53	20.51	22	1
10	16QAM	25	12	20.44	20.50	20.34		
10	16QAM	25	25	20.37	20.52	20.33		
10	16QAM	50	0	20.53	20.50	20.43		
10	64QAM	1	0	20.56	20.65	20.57	22	1
10	64QAM	1	25	20.56	20.60	20.51		
10	64QAM	1	49	20.37	20.51	20.39		
10	64QAM	25	0	19.50	19.58	19.52	21	2
10	64QAM	25	12	19.50	19.47	19.45		
10	64QAM	25	25	19.37	19.55	19.45		
10	64QAM	50	0	19.48	19.50	19.38		
10	256QAM	1	0	17.45	17.58	17.61	19	4
10	256QAM	1	25	17.41	17.51	17.43		
10	256QAM	1	49	17.39	17.43	17.47		
10	256QAM	25	0	17.47	17.58	17.58	19	4
10	256QAM	25	12	17.38	17.55	17.45		
10	256QAM	25	25	17.42	17.50	17.43		
10	256QAM	50	0	17.37	17.42	17.40		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.22	22.26	22.18	23	0
5	QPSK	1	12	22.26	22.25	22.23		
5	QPSK	1	24	22.16	22.18	22.16		
5	QPSK	12	0	21.50	21.52	21.57	23	0
5	QPSK	12	7	21.40	21.48	21.39		
5	QPSK	12	13	21.46	21.50	21.56		
5	QPSK	25	0	21.38	21.55	21.45		
5	16QAM	1	0	21.61	21.55	21.52	23	0
5	16QAM	1	12	21.37	21.39	21.32		
5	16QAM	1	24	21.41	21.50	21.48		
5	16QAM	12	0	20.55	20.55	20.50	22	1
5	16QAM	12	7	20.35	20.49	20.32		
5	16QAM	12	13	20.32	20.43	20.43		
5	16QAM	25	0	20.53	20.49	20.38		
5	64QAM	1	0	20.53	20.63	20.48	22	1
5	64QAM	1	12	20.59	20.70	20.60		
5	64QAM	1	24	20.45	20.51	20.47		
5	64QAM	12	0	19.48	19.60	19.55	21	2
5	64QAM	12	7	19.49	19.56	19.41		
5	64QAM	12	13	19.41	19.54	19.45		
5	64QAM	25	0	19.50	19.44	19.37		
5	256QAM	1	0	17.46	17.60	17.51	19	4
5	256QAM	1	12	17.44	17.44	17.46		
5	256QAM	1	24	17.41	17.46	17.40		
5	256QAM	12	0	17.43	17.52	17.57	19	4
5	256QAM	12	7	17.37	17.56	17.45		
5	256QAM	12	13	17.41	17.46	17.39		
5	256QAM	25	0	17.35	17.40	17.41		

Band 41 Ant1 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.30	22.21	22.43	22.28	22.25	23	0
20	QPSK	1	49	22.20	22.32	22.34	22.29	22.32		
20	QPSK	1	99	22.35	22.30	22.41	22.30	22.32		
20	QPSK	50	0	21.66	21.66	21.71	21.63	21.65	23	0
20	QPSK	50	24	21.63	21.55	21.69	21.61	21.57		
20	QPSK	50	50	21.62	21.52	21.66	21.56	21.54		
20	QPSK	100	0	21.58	21.63	21.68	21.56	21.62		
20	16QAM	1	0	21.67	21.61	21.73	21.62	21.69	23	0
20	16QAM	1	49	21.53	21.54	21.64	21.59	21.59		
20	16QAM	1	99	21.50	21.54	21.57	21.53	21.55		
20	16QAM	50	0	20.67	20.69	20.72	20.69	20.60	22	1
20	16QAM	50	24	20.52	20.53	20.65	20.53	20.55		
20	16QAM	50	50	20.58	20.51	20.65	20.55	20.55		
20	16QAM	100	0	20.53	20.61	20.65	20.55	20.58		
20	64QAM	1	0	20.84	20.87	20.90	20.85	20.84	22	1
20	64QAM	1	49	20.54	20.57	20.68	20.60	20.56		
20	64QAM	1	99	20.60	20.61	20.69	20.57	20.65		
20	64QAM	50	0	19.70	19.66	19.72	19.65	19.58	21	2
20	64QAM	50	24	19.49	19.56	19.59	19.57	19.45		
20	64QAM	50	50	19.61	19.59	19.67	19.55	19.54		
20	64QAM	100	0	19.50	19.50	19.64	19.52	19.53		
20	256QAM	1	0	17.55	17.55	17.66	17.57	17.62	19	4
20	256QAM	1	49	17.50	17.51	17.57	17.45	17.43		
20	256QAM	1	99	17.45	17.52	17.57	17.48	17.51		
20	256QAM	50	0	17.61	17.65	17.67	17.61	17.59	19	4
20	256QAM	50	24	17.45	17.43	17.55	17.42	17.43		
20	256QAM	50	50	17.49	17.43	17.53	17.39	17.51		
20	256QAM	100	0	17.54	17.50	17.61	17.48	17.49		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.25	22.13	22.33	22.21	22.22	23	0
15	QPSK	1	37	22.10	22.25	22.22	22.23	22.24		
15	QPSK	1	74	22.25	22.18	22.34	22.26	22.24		
15	QPSK	36	0	21.57	21.61	21.66	21.59	21.63	23	0
15	QPSK	36	20	21.54	21.45	21.55	21.54	21.55		
15	QPSK	36	39	21.53	21.42	21.56	21.44	21.41		
15	QPSK	75	0	21.51	21.58	21.62	21.44	21.53		
15	16QAM	1	0	21.55	21.58	21.68	21.49	21.63	23	0
15	16QAM	1	37	21.43	21.49	21.52	21.46	21.48		
15	16QAM	1	74	21.36	21.48	21.52	21.48	21.50		
15	16QAM	36	0	20.61	20.56	20.61	20.63	20.52	22	1
15	16QAM	36	20	20.46	20.41	20.52	20.43	20.50		
15	16QAM	36	39	20.56	20.42	20.57	20.52	20.48		
15	16QAM	75	0	20.40	20.58	20.60	20.44	20.51		
15	64QAM	1	0	20.73	20.76	20.77	20.77	20.80	22	1
15	64QAM	1	37	20.44	20.44	20.61	20.49	20.44		
15	64QAM	1	74	20.57	20.58	20.63	20.52	20.58		
15	64QAM	36	0	19.57	19.64	19.68	19.53	19.51	21	2
15	64QAM	36	20	19.42	19.47	19.55	19.49	19.39		
15	64QAM	36	39	19.49	19.51	19.56	19.50	19.40		
15	64QAM	75	0	19.40	19.41	19.58	19.42	19.46		
15	256QAM	1	0	17.43	17.42	17.54	17.43	17.54	19	4
15	256QAM	1	37	17.46	17.42	17.53	17.37	17.39		
15	256QAM	1	74	17.35	17.45	17.54	17.43	17.47		
15	256QAM	36	0	17.51	17.60	17.61	17.58	17.45	19	4
15	256QAM	36	20	17.34	17.32	17.49	17.37	17.32		
15	256QAM	36	39	17.38	17.31	17.40	17.26	17.44		
15	256QAM	75	0	17.48	17.37	17.50	17.36	17.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.20	22.08	22.38	22.16	22.14	23	0
10	QPSK	1	25	22.09	22.28	22.28	22.17	22.23		
10	QPSK	1	49	22.28	22.18	22.31	22.18	22.27		
10	QPSK	25	0	21.64	21.57	21.62	21.49	21.55	23	0
10	QPSK	25	12	21.54	21.43	21.59	21.53	21.46		
10	QPSK	25	25	21.55	21.42	21.52	21.43	21.42		
10	QPSK	50	0	21.51	21.59	21.59	21.49	21.59		
10	16QAM	1	0	21.62	21.56	21.66	21.53	21.64	23	0
10	16QAM	1	25	21.40	21.44	21.53	21.54	21.45		
10	16QAM	1	49	21.41	21.49	21.53	21.49	21.44		
10	16QAM	25	0	20.64	20.55	20.62	20.58	20.48	22	1
10	16QAM	25	12	20.46	20.41	20.59	20.40	20.52		
10	16QAM	25	25	20.47	20.37	20.53	20.47	20.46		
10	16QAM	50	0	20.39	20.50	20.54	20.49	20.49		
10	64QAM	1	0	20.76	20.79	20.83	20.77	20.77	22	1
10	64QAM	1	25	20.41	20.47	20.58	20.49	20.43		
10	64QAM	1	49	20.52	20.56	20.57	20.47	20.61		
10	64QAM	25	0	19.58	19.56	19.67	19.59	19.53	21	2
10	64QAM	25	12	19.45	19.47	19.46	19.45	19.32		
10	64QAM	25	25	19.51	19.49	19.58	19.45	19.45		
10	64QAM	50	0	19.43	19.43	19.53	19.38	19.40		
10	256QAM	1	0	17.50	17.46	17.55	17.51	17.56	19	4
10	256QAM	1	25	17.41	17.44	17.48	17.41	17.31		
10	256QAM	1	49	17.41	17.41	17.46	17.36	17.42		
10	256QAM	25	0	17.48	17.59	17.54	17.51	17.53	19	4
10	256QAM	25	12	17.40	17.35	17.47	17.29	17.40		
10	256QAM	25	25	17.40	17.38	17.41	17.35	17.38		
10	256QAM	50	0	17.49	17.38	17.53	17.41	17.41		
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	22.17	22.13	22.31	22.19	22.22	23	0
5	QPSK	1	12	22.13	22.26	22.25	22.21	22.21		
5	QPSK	1	24	22.28	22.19	22.28	22.25	22.20		
5	QPSK	12	0	21.53	21.58	21.62	21.60	21.59	23	0
5	QPSK	12	7	21.52	21.48	21.58	21.54	21.54		
5	QPSK	12	13	21.51	21.49	21.57	21.53	21.45		
5	QPSK	25	0	21.51	21.54	21.58	21.43	21.51		
5	16QAM	1	0	21.58	21.48	21.64	21.55	21.67	23	0
5	16QAM	1	12	21.43	21.49	21.62	21.47	21.52		
5	16QAM	1	24	21.38	21.42	21.51	21.41	21.53		
5	16QAM	12	0	20.59	20.62	20.64	20.63	20.52	22	1
5	16QAM	12	7	20.43	20.40	20.62	20.44	20.45		
5	16QAM	12	13	20.45	20.42	20.62	20.50	20.42		
5	16QAM	25	0	20.48	20.47	20.62	20.46	20.52		
5	64QAM	1	0	20.73	20.84	20.88	20.80	20.78	22	1
5	64QAM	1	12	20.50	20.52	20.55	20.47	20.53		
5	64QAM	1	24	20.57	20.48	20.63	20.47	20.61		
5	64QAM	12	0	19.66	19.62	19.64	19.54	19.53	21	2
5	64QAM	12	7	19.43	19.50	19.49	19.44	19.39		
5	64QAM	12	13	19.56	19.49	19.64	19.43	19.52		
5	64QAM	25	0	19.39	19.41	19.52	19.41	19.43		
5	256QAM	1	0	17.53	17.51	17.59	17.51	17.59	19	4
5	256QAM	1	12	17.45	17.44	17.47	17.35	17.38		
5	256QAM	1	24	17.33	17.41	17.45	17.39	17.39		
5	256QAM	12	0	17.55	17.52	17.59	17.55	17.54	19	4
5	256QAM	12	7	17.35	17.38	17.52	17.36	17.38		
5	256QAM	12	13	17.40	17.41	17.43	17.32	17.38		
5	256QAM	25	0	17.40	17.46	17.48	17.43	17.43		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.05	23.99	24.17	24.02	23.93	24.6	0
20	QPSK	1	49	24.03	23.97	24.09	24.07	24.02		
20	QPSK	1	99	24.05	24.07	24.13	24.14	24.08		
20	QPSK	50	0	23.97	23.95	24.12	23.95	23.87	24.6	0
20	QPSK	50	24	23.91	23.85	23.99	24.00	23.94		
20	QPSK	50	50	23.96	23.95	24.03	24.03	23.99		
20	QPSK	100	0	23.93	23.89	24.10	23.92	23.82		
20	16QAM	1	0	23.98	23.93	24.06	23.98	23.85	24.6	0
20	16QAM	1	49	23.93	23.90	24.05	24.00	23.90		
20	16QAM	1	99	24.01	24.03	24.02	24.05	24.04		
20	16QAM	50	0	23.57	23.56	23.68	23.64	23.59	24.6	0
20	16QAM	50	24	23.45	23.42	23.55	23.44	23.44		
20	16QAM	50	50	23.44	23.47	23.55	23.43	23.47		
20	16QAM	100	0	23.54	23.55	23.61	23.51	23.58		
20	64QAM	1	0	24.05	23.99	24.11	24.09	23.98	24.6	0
20	64QAM	1	49	23.57	23.52	23.61	23.47	23.54		
20	64QAM	1	99	23.59	23.58	23.63	23.52	23.51		
20	64QAM	50	0	22.54	22.56	22.68	22.65	22.54	24	0.6
20	64QAM	50	24	22.51	22.59	22.64	22.57	22.50		
20	64QAM	50	50	22.48	22.42	22.55	22.52	22.51		
20	64QAM	100	0	22.53	22.53	22.66	22.62	22.52		
20	256QAM	1	0	20.70	20.74	20.82	20.72	20.78	22	2.6
20	256QAM	1	49	20.75	20.72	20.79	20.73	20.68		
20	256QAM	1	99	20.71	20.65	20.75	20.69	20.65		
20	256QAM	50	0	20.67	20.66	20.69	20.64	20.58	22	2.6
20	256QAM	50	24	20.71	20.66	20.79	20.69	20.66		
20	256QAM	50	50	20.72	20.70	20.79	20.72	20.72		
20	256QAM	100	0	20.68	20.68	20.72	20.60	20.68		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.92	23.89	24.12	23.95	23.85	25	0
15	QPSK	1	37	24.00	23.92	24.06	23.94	23.91		
15	QPSK	1	74	23.98	24.02	24.00	24.04	24.00		
15	QPSK	36	0	23.86	23.92	24.01	23.82	23.79	24.6	0
15	QPSK	36	20	23.83	23.81	23.96	23.95	23.91		
15	QPSK	36	39	23.84	23.87	23.97	23.96	23.93		
15	QPSK	75	0	23.80	23.83	24.05	23.79	23.72		
15	16QAM	1	0	23.86	23.87	23.94	23.86	23.80	24.6	0
15	16QAM	1	37	23.89	23.84	23.95	23.88	23.78		
15	16QAM	1	74	23.92	23.89	24.00	23.93	23.73		
15	16QAM	36	0	23.55	23.49	23.56	23.50	23.49	24.6	0
15	16QAM	36	20	23.36	23.37	23.42	23.34	23.31		
15	16QAM	36	39	23.37	23.34	23.45	23.31	23.41		
15	16QAM	75	0	23.47	23.51	23.58	23.44	23.48		
15	64QAM	1	0	24.00	23.88	24.02	23.96	23.88	24.6	0
15	64QAM	1	37	23.51	23.40	23.49	23.39	23.51		
15	64QAM	1	74	23.51	23.47	23.53	23.46	23.39		
15	64QAM	36	0	22.42	22.47	22.64	22.52	22.41	24	0.6
15	64QAM	36	20	22.41	22.51	22.61	22.45	22.41		
15	64QAM	36	39	22.39	22.29	22.51	22.48	22.46		
15	64QAM	75	0	22.47	22.44	22.56	22.56	22.41		
15	256QAM	1	0	20.62	20.64	20.73	20.64	20.70	22	2.6
15	256QAM	1	37	20.62	20.65	20.69	20.63	20.60		
15	256QAM	1	74	20.65	20.51	20.66	20.65	20.60		
15	256QAM	36	0	20.59	20.64	20.64	20.54	20.53	22	2.6
15	256QAM	36	20	20.65	20.57	20.74	20.62	20.56		
15	256QAM	36	39	20.67	20.66	20.67	20.59	20.65		
15	256QAM	75	0	20.59	20.61	20.58	20.48	20.60		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.94	23.87	24.07	23.95	23.82	25	0
10	QPSK	1	25	23.98	23.90	24.03	24.04	23.98		
10	QPSK	1	49	24.00	23.95	24.07	24.06	24.02		
10	QPSK	25	0	23.85	23.89	24.00	23.85	23.75	24.6	0
10	QPSK	25	12	23.80	23.80	23.94	23.91	23.90		
10	QPSK	25	25	23.87	23.87	23.99	24.00	23.93		
10	QPSK	50	0	23.85	23.83	24.01	23.83	23.74		
10	16QAM	1	0	23.92	23.86	24.01	23.88	23.80	24.6	0
10	16QAM	1	25	23.83	23.86	23.92	23.89	23.85		
10	16QAM	1	49	23.94	23.88	23.99	23.90	23.76		
10	16QAM	25	0	23.47	23.51	23.63	23.61	23.51	24.6	0
10	16QAM	25	12	23.36	23.28	23.47	23.36	23.40		
10	16QAM	25	25	23.40	23.37	23.43	23.34	23.42		
10	16QAM	50	0	23.41	23.47	23.52	23.48	23.52		
10	64QAM	1	0	23.95	23.94	23.99	23.95	23.96	24.6	0
10	64QAM	1	25	23.52	23.45	23.57	23.36	23.43		
10	64QAM	1	49	23.47	23.53	23.50	23.45	23.47		
10	64QAM	25	0	22.48	22.43	22.61	22.57	22.46	24	0.6
10	64QAM	25	12	22.39	22.48	22.52	22.44	22.44		
10	64QAM	25	25	22.39	22.34	22.53	22.38	22.43		
10	64QAM	50	0	22.46	22.49	22.61	22.51	22.44		
10	256QAM	1	0	20.57	20.70	20.75	20.60	20.72	22	2.6
10	256QAM	1	25	20.70	20.66	20.77	20.67	20.62		
10	256QAM	1	49	20.66	20.56	20.62	20.64	20.60		
10	256QAM	25	0	20.57	20.63	20.62	20.57	20.55	22	2.6
10	256QAM	25	12	20.66	20.61	20.70	20.56	20.63		
10	256QAM	25	25	20.63	20.66	20.73	20.61	20.64		
10	256QAM	50	0	20.56	20.55	20.67	20.56	20.65		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.98	23.96	24.05	23.92	23.88	25	0
5	QPSK	1	12	24.00	23.86	23.96	24.04	23.92		
5	QPSK	1	24	23.96	23.96	24.07	24.07	23.99		
5	QPSK	12	0	23.93	23.89	24.04	23.83	23.79	24.6	0
5	QPSK	12	7	23.84	23.73	23.89	23.92	23.85		
5	QPSK	12	13	23.86	23.84	23.98	23.91	23.95		
5	QPSK	25	0	23.83	23.85	23.98	23.83	23.76		
5	16QAM	1	0	23.94	23.83	24.01	23.89	23.74	24.6	0
5	16QAM	1	12	23.85	23.86	23.99	23.94	23.84		
5	16QAM	1	24	23.85	23.84	23.97	23.88	23.77		
5	16QAM	12	0	23.51	23.53	23.61	23.59	23.51	24.6	0
5	16QAM	12	7	23.32	23.31	23.43	23.32	23.37		
5	16QAM	12	13	23.40	23.44	23.49	23.32	23.34		
5	16QAM	25	0	23.49	23.44	23.58	23.45	23.47		
5	64QAM	1	0	24.02	23.96	23.99	24.01	23.88	24.6	0
5	64QAM	1	12	23.51	23.48	23.54	23.39	23.46		
5	64QAM	1	24	23.49	23.52	23.59	23.48	23.44		
5	64QAM	12	0	22.42	22.52	22.60	22.59	22.41	24	0.6
5	64QAM	12	7	22.39	22.52	22.50	22.47	22.41		
5	64QAM	12	13	22.44	22.37	22.47	22.47	22.46		
5	64QAM	25	0	22.41	22.41	22.62	22.49	22.43		
5	256QAM	1	0	20.65	20.61	20.75	20.59	20.76	22	2.6
5	256QAM	1	12	20.73	20.67	20.68	20.67	20.57		
5	256QAM	1	24	20.58	20.53	20.67	20.63	20.58		
5	256QAM	12	0	20.61	20.63	20.57	20.56	20.52	22	2.6
5	256QAM	12	7	20.59	20.57	20.71	20.60	20.52		
5	256QAM	12	13	20.60	20.61	20.75	20.69	20.65		
5	256QAM	25	0	20.57	20.64	20.61	20.51	20.60		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.81	17.94	17.85	19.4	0
20	QPSK	1	49	17.79	17.85	17.77		
20	QPSK	1	99	17.75	17.80	17.75		
20	QPSK	50	0	17.77	17.84	17.78	19.4	0
20	QPSK	50	24	17.75	17.81	17.69		
20	QPSK	50	50	17.65	17.74	17.66		
20	QPSK	100	0	17.73	17.82	17.76		
20	16QAM	1	0	17.72	17.75	17.73	19.4	0
20	16QAM	1	49	17.71	17.74	17.63		
20	16QAM	1	99	17.76	17.87	17.80		
20	16QAM	50	0	17.71	17.82	17.72	19.4	0
20	16QAM	50	24	17.64	17.68	17.63		
20	16QAM	50	50	17.72	17.89	17.73		
20	16QAM	100	0	17.68	17.78	17.73		
20	64QAM	1	0	17.71	17.77	17.68	19.4	0
20	64QAM	1	49	17.76	17.88	17.80		
20	64QAM	1	99	17.74	17.77	17.68		
20	64QAM	50	0	17.64	17.74	17.64	19.4	0
20	64QAM	50	24	17.71	17.85	17.78		
20	64QAM	50	50	17.69	17.80	17.73		
20	64QAM	100	0	17.71	17.71	17.71		
20	256QAM	1	0	17.70	17.90	17.80	19	0.4
20	256QAM	1	49	17.70	17.81	17.70		
20	256QAM	1	99	17.63	17.68	17.71		
20	256QAM	50	0	17.81	17.88	17.85	19	0.4
20	256QAM	50	24	17.84	17.81	17.91		
20	256QAM	50	50	17.89	17.81	17.85		
20	256QAM	100	0	17.78	17.91	17.84		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.72	17.84	17.81	19.4	0
15	QPSK	1	37	17.73	17.78	17.68		
15	QPSK	1	74	17.67	17.73	17.71		
15	QPSK	36	0	17.68	17.75	17.73	19.4	0
15	QPSK	36	20	17.64	17.78	17.57		
15	QPSK	36	39	17.60	17.67	17.63		
15	QPSK	75	0	17.62	17.82	17.70		
15	16QAM	1	0	17.69	17.67	17.69	19.4	0
15	16QAM	1	37	17.64	17.65	17.60		
15	16QAM	1	74	17.71	17.80	17.70		
15	16QAM	36	0	17.60	17.72	17.62	19.4	0
15	16QAM	36	20	17.53	17.55	17.58		
15	16QAM	36	39	17.66	17.82	17.69		
15	16QAM	75	0	17.58	17.67	17.62		
15	64QAM	1	0	17.62	17.73	17.55	19.4	0
15	64QAM	1	37	17.63	17.82	17.72		
15	64QAM	1	74	17.65	17.66	17.65		
15	64QAM	36	0	17.52	17.65	17.55	19.4	0
15	64QAM	36	20	17.62	17.77	17.68		
15	64QAM	36	39	17.61	17.68	17.61		
15	64QAM	75	0	17.59	17.64	17.62		
15	256QAM	1	0	17.87	17.81	17.88	19	0.4
15	256QAM	1	37	17.89	17.87	17.87		
15	256QAM	1	74	17.82	17.81	17.77		
15	256QAM	36	0	17.84	17.81	17.92	19	0.4
15	256QAM	36	20	17.73	17.92	17.84		
15	256QAM	36	39	17.82	17.91	17.78		
15	256QAM	75	0	17.70	17.78	17.80		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452	3500	3545		
10	QPSK	1	0	17.77	17.91	17.74	19.4	0
10	QPSK	1	25	17.72	17.76	17.68		
10	QPSK	1	49	17.64	17.76	17.69		
10	QPSK	25	0	17.68	17.72	17.70	19.4	0
10	QPSK	25	12	17.69	17.77	17.65		
10	QPSK	25	25	17.60	17.64	17.59		
10	QPSK	50	0	17.63	17.80	17.72		
10	16QAM	1	0	17.68	17.64	17.61	19.4	0
10	16QAM	1	25	17.68	17.66	17.58		
10	16QAM	1	49	17.72	17.76	17.72		
10	16QAM	25	0	17.67	17.70	17.65	19.4	0
10	16QAM	25	12	17.60	17.63	17.57		
10	16QAM	25	25	17.63	17.80	17.63		
10	16QAM	50	0	17.58	17.65	17.64		
10	64QAM	1	0	17.63	17.71	17.60	19.4	0
10	64QAM	1	25	17.66	17.77	17.71		
10	64QAM	1	49	17.62	17.65	17.59		
10	64QAM	25	0	17.56	17.65	17.57	19.4	0
10	64QAM	25	12	17.68	17.80	17.70		
10	64QAM	25	25	17.62	17.74	17.63		
10	64QAM	50	0	17.62	17.65	17.65		
10	256QAM	1	0	17.82	17.93	17.89	19	0.4
10	256QAM	1	25	17.81	17.81	17.86		
10	256QAM	1	49	17.88	17.84	17.85		
10	256QAM	25	0	17.91	17.92	17.81	19	0.4
10	256QAM	25	12	17.81	17.85	17.81		
10	256QAM	25	25	17.87	17.88	17.77		
10	256QAM	50	0	17.71	17.89	17.72		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.77	17.82	17.80	19.4	0
5	QPSK	1	12	17.68	17.78	17.74		
5	QPSK	1	24	17.66	17.69	17.63		
5	QPSK	12	0	17.74	17.76	17.71	19.4	0
5	QPSK	12	7	17.71	17.76	17.57		
5	QPSK	12	13	17.58	17.61	17.62		
5	QPSK	25	0	17.62	17.79	17.67		
5	16QAM	1	0	17.66	17.72	17.67	19.4	0
5	16QAM	1	12	17.58	17.69	17.53		
5	16QAM	1	24	17.73	17.76	17.75		
5	16QAM	12	0	17.65	17.78	17.64	19.4	0
5	16QAM	12	7	17.58	17.58	17.58		
5	16QAM	12	13	17.67	17.82	17.62		
5	16QAM	25	0	17.61	17.73	17.70		
5	64QAM	1	0	17.58	17.71	17.64	19.4	0
5	64QAM	1	12	17.67	17.81	17.75		
5	64QAM	1	24	17.66	17.69	17.62		
5	64QAM	12	0	17.61	17.71	17.59	19.4	0
5	64QAM	12	7	17.68	17.76	17.70		
5	64QAM	12	13	17.61	17.75	17.69		
5	64QAM	25	0	17.63	17.59	17.66		
5	256QAM	1	0	17.83	17.93	17.84	19	0.4
5	256QAM	1	12	17.88	17.92	17.82		
5	256QAM	1	24	17.85	17.89	17.80		
5	256QAM	12	0	17.85	17.93	17.81	19	0.4
5	256QAM	12	7	17.79	17.91	17.88		
5	256QAM	12	13	17.81	17.88	17.79		
5	256QAM	25	0	17.65	17.80	17.75		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.26	17.38	17.20	18.5	0
20	QPSK	1	49	17.21	17.25	17.15		
20	QPSK	1	99	17.26	17.37	17.28		
20	QPSK	50	0	17.21	17.31	17.09	18.5	0
20	QPSK	50	24	17.12	17.16	17.09		
20	QPSK	50	50	17.19	17.29	17.18		
20	QPSK	100	0	17.22	17.28	17.08		
20	16QAM	1	0	17.17	17.20	17.05	18.5	0
20	16QAM	1	49	17.16	17.26	17.21		
20	16QAM	1	99	17.18	17.35	17.12		
20	16QAM	50	0	17.15	17.13	17.09	18.5	0
20	16QAM	50	24	17.19	17.30	17.15		
20	16QAM	50	50	17.19	17.27	17.09		
20	16QAM	100	0	17.14	17.22	17.07		
20	64QAM	1	0	17.17	17.31	17.25	18.5	0
20	64QAM	1	49	17.21	17.32	17.14		
20	64QAM	1	99	17.13	17.21	17.02		
20	64QAM	50	0	17.22	17.24	17.25	18.5	0
20	64QAM	50	24	17.18	17.29	17.17		
20	64QAM	50	50	17.12	17.21	17.02		
20	64QAM	100	0	17.21	17.32	17.16		
20	256QAM	1	0	16.50	16.59	16.46	17.5	1
20	256QAM	1	49	16.40	16.45	16.38		
20	256QAM	1	99	16.37	16.46	16.35		
20	256QAM	50	0	16.52	16.65	16.59	17.5	1
20	256QAM	50	24	16.36	16.48	16.41		
20	256QAM	50	50	16.37	16.50	16.47		
20	256QAM	100	0	16.47	16.50	16.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.13	17.31	17.11	18.5	0
15	QPSK	1	37	17.14	17.17	17.04		
15	QPSK	1	74	17.13	17.32	17.20		
15	QPSK	36	0	17.17	17.24	17.01	18.5	0
15	QPSK	36	20	17.02	17.11	17.01		
15	QPSK	36	39	17.12	17.18	17.06		
15	QPSK	75	0	17.09	17.18	17.03		
15	16QAM	1	0	17.05	17.15	16.94	18.5	0
15	16QAM	1	37	17.07	17.19	17.16		
15	16QAM	1	74	17.14	17.24	16.99		
15	16QAM	36	0	17.04	17.09	16.96	18.5	0
15	16QAM	36	20	17.09	17.21	17.04		
15	16QAM	36	39	17.06	17.17	16.97		
15	16QAM	75	0	17.02	17.15	17.04		
15	64QAM	1	0	17.11	17.19	17.18	18.5	0
15	64QAM	1	37	17.09	17.20	17.06		
15	64QAM	1	74	17.10	17.13	16.97		
15	64QAM	36	0	17.12	17.12	17.18	18.5	0
15	64QAM	36	20	17.15	17.23	17.13		
15	64QAM	36	39	17.04	17.16	16.97		
15	64QAM	75	0	17.12	17.19	17.03		
15	256QAM	1	0	16.37	16.46	16.35	17.5	1
15	256QAM	1	37	16.36	16.38	16.28		
15	256QAM	1	74	16.27	16.34	16.33		
15	256QAM	36	0	16.40	16.52	16.45	17.5	1
15	256QAM	36	20	16.24	16.35	16.35		
15	256QAM	36	39	16.33	16.43	16.36		
15	256QAM	75	0	16.43	16.36	16.30		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.15	17.27	17.12	18.5	0
10	QPSK	1	25	17.16	17.16	17.12		
10	QPSK	1	49	17.20	17.28	17.25		
10	QPSK	25	0	17.18	17.25	17.04	18.5	0
10	QPSK	25	12	17.05	17.11	16.97		
10	QPSK	25	25	17.07	17.17	17.09		
10	QPSK	50	0	17.11	17.22	16.98		
10	16QAM	1	0	17.07	17.14	16.99	18.5	0
10	16QAM	1	25	17.05	17.16	17.14		
10	16QAM	1	49	17.05	17.23	17.04		
10	16QAM	25	0	17.06	17.10	17.05	18.5	0
10	16QAM	25	12	17.13	17.17	17.07		
10	16QAM	25	25	17.15	17.22	16.98		
10	16QAM	50	0	17.10	17.18	17.01		
10	64QAM	1	0	17.09	17.23	17.18	18.5	0
10	64QAM	1	25	17.13	17.25	17.03		
10	64QAM	1	49	17.09	17.09	16.96		
10	64QAM	25	0	17.12	17.21	17.13	18.5	0
10	64QAM	25	12	17.08	17.20	17.11		
10	64QAM	25	25	17.03	17.09	16.91		
10	64QAM	50	0	17.17	17.28	17.09		
10	256QAM	1	0	16.48	16.49	16.39	17.5	1
10	256QAM	1	25	16.32	16.37	16.31		
10	256QAM	1	49	16.27	16.37	16.28		
10	256QAM	25	0	16.48	16.57	16.54	17.5	1
10	256QAM	25	12	16.34	16.39	16.37		
10	256QAM	25	25	16.24	16.43	16.40		
10	256QAM	50	0	16.40	16.45	16.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.15	17.31	17.12	18.5	0
5	QPSK	1	12	17.12	17.21	17.11		
5	QPSK	1	24	17.13	17.32	17.16		
5	QPSK	12	0	17.10	17.26	17.00	18.5	0
5	QPSK	12	7	17.00	17.07	16.98		
5	QPSK	12	13	17.11	17.22	17.14		
5	QPSK	25	0	17.15	17.20	17.01		
5	16QAM	1	0	17.13	17.09	16.98	18.5	0
5	16QAM	1	12	17.10	17.20	17.15		
5	16QAM	1	24	17.11	17.26	17.03		
5	16QAM	12	0	17.07	17.09	17.05	18.5	0
5	16QAM	12	7	17.13	17.26	17.07		
5	16QAM	12	13	17.06	17.16	17.00		
5	16QAM	25	0	17.02	17.19	17.01		
5	64QAM	1	0	17.07	17.25	17.20	18.5	0
5	64QAM	1	12	17.11	17.24	17.11		
5	64QAM	1	24	17.02	17.11	16.91		
5	64QAM	12	0	17.12	17.12	17.21	18.5	0
5	64QAM	12	7	17.12	17.23	17.09		
5	64QAM	12	13	17.03	17.15	16.95		
5	64QAM	25	0	17.18	17.21	17.13		
5	256QAM	1	0	16.48	16.55	16.41	17.5	1
5	256QAM	1	12	16.37	16.38	16.33		
5	256QAM	1	24	16.29	16.34	16.26		
5	256QAM	12	0	16.44	16.55	16.48	17.5	1
5	256QAM	12	7	16.27	16.39	16.28		
5	256QAM	12	13	16.29	16.37	16.38		
5	256QAM	25	0	16.42	16.45	16.36		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.14	17.26	17.07	18.5	0
3	QPSK	1	8	17.08	17.15	17.04		
3	QPSK	1	14	17.18	17.29	17.24		
3	QPSK	8	0	17.14	17.27	16.98	18.5	0
3	QPSK	8	4	17.06	17.04	17.06		
3	QPSK	8	7	17.08	17.18	17.07		
3	QPSK	15	0	17.11	17.20	16.95		
3	16QAM	1	0	17.10	17.11	16.95	18.5	0
3	16QAM	1	8	17.10	17.22	17.09		
3	16QAM	1	14	17.10	17.25	17.04		
3	16QAM	8	0	17.12	17.08	16.99	18.5	0
3	16QAM	8	4	17.15	17.24	17.05		
3	16QAM	8	7	17.07	17.16	17.02		
3	16QAM	15	0	17.03	17.16	16.95		
3	64QAM	1	0	17.05	17.27	17.17	18.5	0
3	64QAM	1	8	17.18	17.26	17.07		
3	64QAM	1	14	17.07	17.17	16.95		
3	64QAM	8	0	17.18	17.16	17.13	18.5	0
3	64QAM	8	4	17.13	17.20	17.14		
3	64QAM	8	7	17.00	17.13	16.93		
3	64QAM	15	0	17.12	17.25	17.08		
3	256QAM	1	0	16.40	16.54	16.37	17.5	1
3	256QAM	1	8	16.33	16.42	16.26		
3	256QAM	1	14	16.29	16.36	16.27		
3	256QAM	8	0	16.43	16.58	16.51	17.5	1
3	256QAM	8	4	16.32	16.44	16.36		
3	256QAM	8	7	16.27	16.41	16.40		
3	256QAM	15	0	16.38	16.38	16.40		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.20	17.25	17.08	18.5	0
1.4	QPSK	1	3	17.14	17.20	17.02		
1.4	QPSK	1	5	17.20	17.33	17.16		
1.4	QPSK	3	0	17.18	17.18	17.05		
1.4	QPSK	3	1	17.08	17.12	16.98		
1.4	QPSK	3	3	17.08	17.25	17.06		
1.4	QPSK	6	0	17.14	17.21	17.00	18.5	0
1.4	16QAM	1	0	17.09	17.08	16.96	18.5	0
1.4	16QAM	1	3	17.07	17.15	17.13		
1.4	16QAM	1	5	17.12	17.29	17.04		
1.4	16QAM	3	0	17.12	17.07	17.01		
1.4	16QAM	3	1	17.10	17.27	17.08		
1.4	16QAM	3	3	17.12	17.19	17.03		
1.4	16QAM	6	0	17.10	17.13	17.02	18.5	0
1.4	64QAM	1	0	17.05	17.20	17.18	18.5	0
1.4	64QAM	1	3	17.11	17.27	17.05		
1.4	64QAM	1	5	17.05	17.10	16.94		
1.4	64QAM	3	0	17.17	17.13	17.21		
1.4	64QAM	3	1	17.11	17.20	17.08		
1.4	64QAM	3	3	17.07	17.12	16.90		
1.4	64QAM	6	0	17.09	17.27	17.04	18.5	0
1.4	256QAM	1	0	16.37	16.51	16.42	17.5	1
1.4	256QAM	1	3	16.36	16.37	16.25		
1.4	256QAM	1	5	16.33	16.33	16.32		
1.4	256QAM	3	0	16.41	16.61	16.49		
1.4	256QAM	3	1	16.32	16.45	16.30		
1.4	256QAM	3	3	16.29	16.41	16.44		
1.4	256QAM	6	0	16.43	16.43	16.30	17.5	1

Band 5 Ant4 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.14	21.15	21.10	22.5	0
10	QPSK	1	25	20.95	21.03	21.00		
10	QPSK	1	49	21.02	21.12	21.07		
10	QPSK	25	0	20.04	20.14	20.01	21.5	1
10	QPSK	25	12	19.94	20.05	19.98		
10	QPSK	25	25	19.98	20.12	19.99		
10	QPSK	50	0	19.96	20.07	20.02		
10	16QAM	1	0	20.29	20.36	20.25	21.5	1
10	16QAM	1	25	20.01	20.09	20.01		
10	16QAM	1	49	19.97	20.11	19.98		
10	16QAM	25	0	19.04	19.16	19.07	20.5	2
10	16QAM	25	12	19.00	19.13	19.07		
10	16QAM	25	25	18.94	19.05	18.93		
10	16QAM	50	0	19.02	19.09	18.96		
10	64QAM	1	0	19.09	19.20	19.11	20.5	2
10	64QAM	1	25	19.03	19.06	19.03		
10	64QAM	1	49	19.08	19.13	19.03		
10	64QAM	25	0	17.93	18.07	18.03	19.5	3
10	64QAM	25	12	17.84	17.97	17.94		
10	64QAM	25	25	17.84	17.93	17.85		
10	64QAM	50	0	17.87	17.96	17.90		
10	256QAM	1	0	16.09	16.18	16.15	17.5	5
10	256QAM	1	25	16.02	16.14	16.10		
10	256QAM	1	49	16.08	16.13	16.06		
10	256QAM	25	0	16.02	16.13	16.00	17.5	5
10	256QAM	25	12	15.97	16.10	16.03		
10	256QAM	25	25	16.07	16.15	16.12		
10	256QAM	50	0	16.04	16.08	16.04		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.98	21.06	20.96	22.5	0
5	QPSK	1	12	20.81	21.01	20.92		
5	QPSK	1	24	20.95	20.99	21.04		
5	QPSK	12	0	19.97	20.05	19.88	21.5	1
5	QPSK	12	7	19.84	19.93	19.93		
5	QPSK	12	13	19.94	20.08	19.86		
5	QPSK	25	0	19.94	20.02	19.93		
5	16QAM	1	0	20.25	20.29	20.13	21.5	1
5	16QAM	1	12	19.96	19.96	19.99		
5	16QAM	1	24	19.89	20.01	19.86		
5	16QAM	12	0	18.96	19.09	19.03	20.5	2
5	16QAM	12	7	18.97	19.03	18.93		
5	16QAM	12	13	18.80	18.93	18.83		
5	16QAM	25	0	18.88	18.99	18.88		
5	64QAM	1	0	18.96	19.06	19.02	20.5	2
5	64QAM	1	12	18.93	19.02	18.97		
5	64QAM	1	24	19.05	19.04	18.98		
5	64QAM	12	0	17.84	18.00	17.96	19.5	3
5	64QAM	12	7	17.76	17.90	17.81		
5	64QAM	12	13	17.72	17.88	17.76		
5	64QAM	25	0	17.77	17.90	17.86		
5	256QAM	1	0	16.04	16.10	16.02	17.5	5
5	256QAM	1	12	15.89	16.04	16.00		
5	256QAM	1	24	15.95	16.01	15.98		
5	256QAM	12	0	15.96	16.02	15.95	17.5	5
5	256QAM	12	7	15.90	15.97	15.99		
5	256QAM	12	13	16.04	16.08	16.06		
5	256QAM	25	0	16.01	15.96	15.96		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.02	21.03	20.96	22.5	0
3	QPSK	1	8	20.84	20.89	20.92		
3	QPSK	1	14	20.94	21.06	20.99		
3	QPSK	8	0	19.98	20.08	19.87	21.5	1
3	QPSK	8	4	19.84	19.92	19.93		
3	QPSK	8	7	19.89	19.98	19.94		
3	QPSK	15	0	19.91	19.97	19.89		
3	16QAM	1	0	20.17	20.33	20.21	21.5	1
3	16QAM	1	8	19.90	19.97	19.92		
3	16QAM	1	14	19.85	20.06	19.89		
3	16QAM	8	0	18.93	19.09	18.93	20.5	2
3	16QAM	8	4	18.98	19.04	19.00		
3	16QAM	8	7	18.89	19.03	18.85		
3	16QAM	15	0	18.95	19.05	18.86		
3	64QAM	1	0	19.03	19.07	19.03	20.5	2
3	64QAM	1	8	19.01	18.95	18.98		
3	64QAM	1	14	18.98	19.10	18.98		
3	64QAM	8	0	17.90	17.95	18.00	19.5	3
3	64QAM	8	4	17.72	17.87	17.80		
3	64QAM	8	7	17.71	17.82	17.73		
3	64QAM	15	0	17.78	17.84	17.85		
3	256QAM	1	0	16.05	16.07	16.03	17.5	5
3	256QAM	1	8	15.94	16.09	16.02		
3	256QAM	1	14	16.04	16.00	15.97		
3	256QAM	8	0	15.88	16.11	15.89	17.5	5
3	256QAM	8	4	15.92	16.05	16.00		
3	256QAM	8	7	16.01	16.05	16.02		
3	256QAM	15	0	15.92	15.98	15.90		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.90	21.10	21.02	22.5	0
1.4	QPSK	1	3	20.87	20.98	20.88		
1.4	QPSK	1	5	20.98	20.99	21.01		
1.4	QPSK	3	0	20.97	21.08	21.04		
1.4	QPSK	3	1	20.86	20.97	20.96		
1.4	QPSK	3	3	20.99	21.09	21.00		
1.4	QPSK	6	0	19.97	20.06	19.90	21.5	1
1.4	16QAM	1	0	19.82	19.92	19.86	21.5	1
1.4	16QAM	1	3	19.92	20.01	19.88		
1.4	16QAM	1	5	19.88	20.02	19.85		
1.4	16QAM	3	0	19.86	19.99	19.94		
1.4	16QAM	3	1	19.85	19.98	19.88		
1.4	16QAM	3	3	20.17	20.29	20.21		
1.4	16QAM	6	0	18.98	19.03	19.03	20.5	2
1.4	64QAM	1	0	18.94	19.04	19.05	20.5	2
1.4	64QAM	1	3	18.84	18.92	18.82		
1.4	64QAM	1	5	18.94	19.02	18.99		
1.4	64QAM	3	0	18.92	19.09	18.95		
1.4	64QAM	3	1	18.96	19.04	18.98		
1.4	64QAM	3	3	18.90	18.92	18.81		
1.4	64QAM	6	0	17.77	17.88	17.84	19.5	3
1.4	256QAM	1	0	16.06	16.07	16.08	17.5	5
1.4	256QAM	1	3	15.93	16.05	16.02		
1.4	256QAM	1	5	16.04	16.02	16.04		
1.4	256QAM	3	0	15.99	16.01	15.93		
1.4	256QAM	3	1	15.90	16.02	15.90		
1.4	256QAM	3	3	15.97	16.03	16.04		
1.4	256QAM	6	0	15.91	16.05	16.01	17.5	5

Band 7 For ENDC Ant4 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.79	17.80	17.63	19.1	0
20	QPSK	1	49	17.65	17.79	17.71		
20	QPSK	1	99	17.61	17.66	17.60		
20	QPSK	50	0	17.74	17.77	17.57	19.1	0
20	QPSK	50	24	17.54	17.73	17.59		
20	QPSK	50	50	17.48	17.63	17.54		
20	QPSK	100	0	17.75	17.76	17.53		
20	16QAM	1	0	17.60	17.71	17.63	19.1	0
20	16QAM	1	49	17.55	17.57	17.54		
20	16QAM	1	99	17.46	17.45	17.46		
20	16QAM	50	0	17.67	17.74	17.52	19.1	0
20	16QAM	50	24	17.52	17.67	17.59		
20	16QAM	50	50	17.56	17.54	17.50		
20	16QAM	100	0	17.75	17.69	17.56		
20	64QAM	1	0	17.53	17.67	17.61	19.1	0
20	64QAM	1	49	17.49	17.62	17.56		
20	64QAM	1	99	17.74	17.68	17.50		
20	64QAM	50	0	17.62	17.73	17.64	19.1	0
20	64QAM	50	24	17.73	17.70	17.55		
20	64QAM	50	50	17.60	17.71	17.64		
20	64QAM	100	0	17.57	17.55	17.51		
20	256QAM	1	0	17.71	17.69	17.51	19	0.1
20	256QAM	1	49	17.59	17.71	17.65		
20	256QAM	1	99	17.57	17.61	17.54		
20	256QAM	50	0	17.67	17.77	17.53	19	0.1
20	256QAM	50	24	17.66	17.72	17.57		
20	256QAM	50	50	17.55	17.72	17.65		
20	256QAM	100	0	17.55	17.57	17.55		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.66	17.68	17.51	19.1	0
15	QPSK	1	37	17.57	17.70	17.67		
15	QPSK	1	74	17.52	17.53	17.56		
15	QPSK	36	0	17.71	17.67	17.50	19.1	0
15	QPSK	36	20	17.48	17.63	17.47		
15	QPSK	36	39	17.43	17.52	17.50		
15	QPSK	75	0	17.67	17.70	17.40		
15	16QAM	1	0	17.52	17.66	17.59	19.1	0
15	16QAM	1	37	17.45	17.48	17.41		
15	16QAM	1	74	17.49	17.53	17.47		
15	16QAM	36	0	17.60	17.68	17.46	19.1	0
15	16QAM	36	20	17.44	17.59	17.53		
15	16QAM	36	39	17.50	17.43	17.43		
15	16QAM	75	0	17.63	17.65	17.43		
15	64QAM	1	0	17.44	17.57	17.56	19.1	0
15	64QAM	1	37	17.43	17.55	17.51		
15	64QAM	1	74	17.67	17.56	17.41		
15	64QAM	36	0	17.54	17.65	17.61	19.1	0
15	64QAM	36	20	17.65	17.60	17.44		
15	64QAM	36	39	17.54	17.66	17.52		
15	64QAM	75	0	17.49	17.49	17.44		
15	256QAM	1	0	17.61	17.57	17.48	19	0.1
15	256QAM	1	37	17.52	17.64	17.58		
15	256QAM	1	74	17.48	17.57	17.49		
15	256QAM	36	0	17.56	17.69	17.43	19	0.1
15	256QAM	36	20	17.58	17.61	17.52		
15	256QAM	36	39	17.47	17.67	17.55		
15	256QAM	75	0	17.52	17.51	17.51		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.76	17.68	17.58	19.1	0
10	QPSK	1	25	17.61	17.72	17.63		
10	QPSK	1	49	17.55	17.55	17.55		
10	QPSK	25	0	17.62	17.73	17.51	19.1	0
10	QPSK	25	12	17.42	17.68	17.48		
10	QPSK	25	25	17.43	17.55	17.45		
10	QPSK	50	0	17.64	17.72	17.41		
10	16QAM	1	0	17.51	17.64	17.58	19.1	0
10	16QAM	1	25	17.47	17.51	17.44		
10	16QAM	1	49	17.44	17.49	17.50		
10	16QAM	25	0	17.63	17.67	17.42	19.1	0
10	16QAM	25	12	17.44	17.54	17.52		
10	16QAM	25	25	17.50	17.44	17.38		
10	16QAM	50	0	17.68	17.65	17.53		
10	64QAM	1	0	17.41	17.56	17.54	19.1	0
10	64QAM	1	25	17.37	17.50	17.45		
10	64QAM	1	49	17.64	17.59	17.38		
10	64QAM	25	0	17.50	17.66	17.57	19.1	0
10	64QAM	25	12	17.67	17.64	17.51		
10	64QAM	25	25	17.53	17.65	17.56		
10	64QAM	50	0	17.51	17.43	17.40		
10	256QAM	1	0	17.62	17.62	17.38	19	0.1
10	256QAM	1	25	17.47	17.60	17.58		
10	256QAM	1	49	17.49	17.54	17.43		
10	256QAM	25	0	17.59	17.64	17.49	19	0.1
10	256QAM	25	12	17.56	17.68	17.53		
10	256QAM	25	25	17.48	17.69	17.54		
10	256QAM	50	0	17.49	17.50	17.47		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.68	17.67	17.57	19.1	0
5	QPSK	1	12	17.57	17.69	17.63		
5	QPSK	1	24	17.51	17.62	17.51		
5	QPSK	12	0	17.70	17.66	17.49	19.1	0
5	QPSK	12	7	17.45	17.67	17.51		
5	QPSK	12	13	17.42	17.50	17.41		
5	QPSK	25	0	17.64	17.72	17.42		
5	16QAM	1	0	17.54	17.64	17.58	19.1	0
5	16QAM	1	12	17.47	17.45	17.46		
5	16QAM	1	24	17.45	17.47	17.42		
5	16QAM	12	0	17.60	17.66	17.47	19.1	0
5	16QAM	12	7	17.42	17.57	17.50		
5	16QAM	12	13	17.51	17.43	17.40		
5	16QAM	25	0	17.68	17.64	17.46		
5	64QAM	1	0	17.48	17.61	17.48	19.1	0
5	64QAM	1	12	17.39	17.51	17.51		
5	64QAM	1	24	17.65	17.60	17.41		
5	64QAM	12	0	17.58	17.66	17.51	19.1	0
5	64QAM	12	7	17.64	17.63	17.50		
5	64QAM	12	13	17.52	17.67	17.58		
5	64QAM	25	0	17.53	17.44	17.40		
5	256QAM	1	0	17.59	17.64	17.46	19	0.1
5	256QAM	1	12	17.53	17.65	17.52		
5	256QAM	1	24	17.45	17.56	17.51		
5	256QAM	12	0	17.58	17.72	17.43	19	0.1
5	256QAM	12	7	17.60	17.62	17.50		
5	256QAM	12	13	17.46	17.61	17.58		
5	256QAM	25	0	17.49	17.45	17.51		

Band 26 Ant4 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.10	21.19	21.08	22.5	0
15	QPSK	1	37	21.04	21.08	21.01		
15	QPSK	1	74	21.01	21.04	20.94		
15	QPSK	36	0	19.81	19.95	19.86	21.5	1
15	QPSK	36	20	19.84	19.88	19.74		
15	QPSK	36	39	19.88	19.91	19.84		
15	QPSK	75	0	20.08	20.14	20.03		
15	16QAM	1	0	20.35	20.42	20.34	21.5	1
15	16QAM	1	37	20.17	20.30	20.22		
15	16QAM	1	74	20.21	20.28	20.15		
15	16QAM	36	0	18.99	19.03	19.00	20.5	2
15	16QAM	36	20	18.86	18.97	18.92		
15	16QAM	36	39	18.86	18.90	18.86		
15	16QAM	75	0	18.87	18.99	18.88		
15	64QAM	1	0	19.13	19.22	19.19	20.5	2
15	64QAM	1	37	19.06	19.18	19.09		
15	64QAM	1	74	18.97	19.09	18.95		
15	64QAM	36	0	18.03	18.05	17.92	19.5	3
15	64QAM	36	20	17.95	18.00	17.89		
15	64QAM	36	39	17.90	17.98	17.93		
15	64QAM	75	0	17.92	18.00	17.96		
15	256QAM	1	0	16.13	16.24	16.11	17.5	5
15	256QAM	1	37	16.13	16.21	16.17		
15	256QAM	1	74	16.02	16.15	16.08		
15	256QAM	36	0	16.04	16.09	16.07	17.5	5
15	256QAM	36	20	16.07	16.19	16.16		
15	256QAM	36	39	16.04	16.14	16.07		
15	256QAM	75	0	15.55	15.60	15.51		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.01	21.08	21.02	22.5	0
10	QPSK	1	25	21.01	21.02	20.94		
10	QPSK	1	49	20.93	20.98	20.80		
10	QPSK	25	0	19.75	19.90	19.84	21.5	1
10	QPSK	25	12	19.72	19.79	19.72		
10	QPSK	25	25	19.80	19.85	19.80		
10	QPSK	50	0	20.03	20.11	20.00		
10	16QAM	1	0	20.33	20.40	20.24	21.5	1
10	16QAM	1	25	20.07	20.22	20.14		
10	16QAM	1	49	20.12	20.17	20.04		
10	16QAM	25	0	18.87	18.94	18.90	20.5	2
10	16QAM	25	12	18.80	18.94	18.79		
10	16QAM	25	25	18.77	18.78	18.82		
10	16QAM	50	0	18.73	18.95	18.78		
10	64QAM	1	0	19.01	19.11	19.05	20.5	2
10	64QAM	1	25	19.02	19.12	18.98		
10	64QAM	1	49	18.85	18.98	18.84		
10	64QAM	25	0	17.97	17.97	17.82	19.5	3
10	64QAM	25	12	17.93	17.87	17.84		
10	64QAM	25	25	17.85	17.85	17.87		
10	64QAM	50	0	17.85	17.93	17.85		
10	256QAM	1	0	16.02	16.22	16.08	17.5	5
10	256QAM	1	25	16.02	16.12	16.09		
10	256QAM	1	49	15.95	16.11	16.04		
10	256QAM	25	0	15.91	16.03	16.04	17.5	5
10	256QAM	25	12	16.04	16.08	16.04		
10	256QAM	25	25	15.96	16.11	15.97		
10	256QAM	50	0	16.01	16.00	15.89		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.03	20.98	21.00	22.5	0
5	QPSK	1	12	20.92	21.01	20.88		
5	QPSK	1	24	20.95	20.96	20.88		
5	QPSK	12	0	19.78	19.90	19.76	21.5	1
5	QPSK	12	7	19.82	19.83	19.62		
5	QPSK	12	13	19.78	19.84	19.76		
5	QPSK	25	0	20.05	20.10	19.96		
5	16QAM	1	0	20.23	20.34	20.31	21.5	1
5	16QAM	1	12	20.09	20.19	20.19		
5	16QAM	1	24	20.19	20.16	20.08		
5	16QAM	12	0	18.97	18.90	18.96	20.5	2
5	16QAM	12	7	18.80	18.91	18.80		
5	16QAM	12	13	18.76	18.82	18.80		
5	16QAM	25	0	18.78	18.95	18.76		
5	64QAM	1	0	19.00	19.10	19.06	20.5	2
5	64QAM	1	12	18.95	19.07	18.99		
5	64QAM	1	24	18.91	18.99	18.93		
5	64QAM	12	0	18.00	18.00	17.83	19.5	3
5	64QAM	12	7	17.82	17.88	17.85		
5	64QAM	12	13	17.79	17.86	17.88		
5	64QAM	25	0	17.80	17.90	17.86		
5	256QAM	1	0	16.00	16.20	16.00	17.5	5
5	256QAM	1	12	16.08	16.15	16.13		
5	256QAM	1	24	15.92	16.11	16.01		
5	256QAM	12	0	15.91	16.00	16.04	17.5	5
5	256QAM	12	7	15.96	16.14	16.07		
5	256QAM	12	13	15.92	16.04	15.99		
5	256QAM	25	0	15.94	16.00	15.98		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.06	21.01	21.02	22.5	0
3	QPSK	1	8	20.91	20.97	20.95		
3	QPSK	1	14	20.90	20.94	20.81		
3	QPSK	8	0	19.68	19.85	19.75	21.5	1
3	QPSK	8	4	19.77	19.83	19.68		
3	QPSK	8	7	19.83	19.79	19.76		
3	QPSK	15	0	20.01	20.01	19.91		
3	16QAM	1	0	20.21	20.29	20.26	21.5	1
3	16QAM	1	8	20.11	20.26	20.08		
3	16QAM	1	14	20.10	20.14	20.10		
3	16QAM	8	0	18.93	18.95	18.86	20.5	2
3	16QAM	8	4	18.84	18.93	18.82		
3	16QAM	8	7	18.78	18.80	18.75		
3	16QAM	15	0	18.74	18.91	18.74		
3	64QAM	1	0	19.10	19.19	19.13	20.5	2
3	64QAM	1	8	18.95	19.16	19.01		
3	64QAM	1	14	18.91	19.02	18.90		
3	64QAM	8	0	17.95	17.95	17.85	19.5	3
3	64QAM	8	4	17.85	17.88	17.83		
3	64QAM	8	7	17.83	17.85	17.82		
3	64QAM	15	0	17.85	17.98	17.91		
3	256QAM	1	0	16.03	16.14	16.03	17.5	5
3	256QAM	1	8	16.05	16.11	16.11		
3	256QAM	1	14	15.92	16.07	16.03		
3	256QAM	8	0	15.97	15.96	16.03	17.5	5
3	256QAM	8	4	16.04	16.13	16.05		
3	256QAM	8	7	15.95	16.07	16.01		
3	256QAM	15	0	15.93	16.01	15.92		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.00	21.01	20.98	22.5	0
1.4	QPSK	1	3	20.98	20.95	20.88		
1.4	QPSK	1	5	20.88	20.99	20.84		
1.4	QPSK	3	0	20.96	21.04	20.95		
1.4	QPSK	3	1	20.93	20.95	20.97		
1.4	QPSK	3	3	20.91	20.92	20.80		
1.4	QPSK	6	0	19.72	19.91	19.84	21.5	1
1.4	16QAM	1	0	19.69	19.89	19.80	21.5	1
1.4	16QAM	1	3	19.70	19.91	19.80		
1.4	16QAM	1	5	19.73	19.89	19.82		
1.4	16QAM	3	0	19.70	19.88	19.83		
1.4	16QAM	3	1	19.70	19.83	19.81		
1.4	16QAM	3	3	19.69	19.90	19.76		
1.4	16QAM	6	0	18.88	18.93	18.96	20.5	2
1.4	64QAM	1	0	18.77	18.86	18.84	20.5	2
1.4	64QAM	1	3	18.97	18.91	18.89		
1.4	64QAM	1	5	18.86	18.91	18.89		
1.4	64QAM	3	0	18.78	18.94	18.79		
1.4	64QAM	3	1	18.78	18.80	18.79		
1.4	64QAM	3	3	18.74	18.91	18.83		
1.4	64QAM	6	0	17.92	18.02	17.88	19.5	3
1.4	256QAM	1	0	16.09	16.14	16.05	17.5	5
1.4	256QAM	1	3	16.06	16.11	16.06		
1.4	256QAM	1	5	15.96	16.01	15.96		
1.4	256QAM	3	0	16.01	16.03	16.02		
1.4	256QAM	3	1	16.00	16.07	16.10		
1.4	256QAM	3	3	15.90	16.02	15.94		
1.4	256QAM	6	0	15.99	16.05	15.90	17.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.72	21.82	21.66	23	0
20	QPSK	1	49	21.68	21.70	21.62		
20	QPSK	1	99	21.60	21.71	21.63		
20	QPSK	50	0	20.47	20.57	20.45	22	1
20	QPSK	50	24	20.40	20.50	20.45		
20	QPSK	50	50	20.36	20.46	20.33		
20	QPSK	100	0	20.49	20.54	20.49		
20	16QAM	1	0	20.91	20.95	20.81	22	1
20	16QAM	1	49	20.77	20.86	20.73		
20	16QAM	1	99	20.78	20.86	20.77		
20	16QAM	50	0	19.61	19.69	19.57	21	2
20	16QAM	50	24	19.50	19.62	19.55		
20	16QAM	50	50	19.57	19.63	19.61		
20	16QAM	100	0	19.64	19.66	19.58		
20	64QAM	1	0	19.60	19.74	19.62	21	2
20	64QAM	1	49	19.65	19.68	19.64		
20	64QAM	1	99	19.57	19.66	19.56		
20	64QAM	50	0	18.58	18.60	18.56	20	3
20	64QAM	50	24	18.54	18.57	18.51		
20	64QAM	50	50	18.50	18.53	18.42		
20	64QAM	100	0	18.40	18.48	18.34		
20	256QAM	1	0	16.82	16.89	16.75	18	5
20	256QAM	1	49	16.65	16.77	16.68		
20	256QAM	1	99	16.74	16.82	16.76		
20	256QAM	50	0	16.68	16.71	16.59	18	5
20	256QAM	50	24	16.70	16.84	16.81		
20	256QAM	50	50	16.77	16.87	16.76		
20	256QAM	100	0	16.65	16.79	16.76		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.68	21.69	21.63	23	0
15	QPSK	1	37	21.56	21.60	21.59		
15	QPSK	1	74	21.57	21.60	21.53		
15	QPSK	36	0	20.34	20.44	20.32	22	1
15	QPSK	36	20	20.36	20.45	20.34		
15	QPSK	36	39	20.23	20.35	20.21		
15	QPSK	75	0	20.42	20.47	20.47		
15	16QAM	1	0	20.87	20.81	20.75	22	1
15	16QAM	1	37	20.74	20.73	20.68		
15	16QAM	1	74	20.67	20.75	20.64		
15	16QAM	36	0	19.50	19.61	19.55	21	2
15	16QAM	36	20	19.42	19.57	19.46		
15	16QAM	36	39	19.52	19.59	19.58		
15	16QAM	75	0	19.61	19.61	19.53		
15	64QAM	1	0	19.48	19.63	19.49	21	2
15	64QAM	1	37	19.51	19.60	19.52		
15	64QAM	1	74	19.47	19.57	19.50		
15	64QAM	36	0	18.53	18.58	18.46	20	3
15	64QAM	36	20	18.45	18.53	18.45		
15	64QAM	36	39	18.37	18.51	18.32		
15	64QAM	75	0	18.34	18.40	18.20		
15	256QAM	1	0	16.70	16.85	16.72	18	5
15	256QAM	1	37	16.53	16.73	16.62		
15	256QAM	1	74	16.63	16.69	16.73		
15	256QAM	36	0	16.59	16.59	16.55	18	5
15	256QAM	36	20	16.61	16.74	16.70		
15	256QAM	36	39	16.69	16.79	16.67		
15	256QAM	75	0	16.56	16.65	16.71		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.58	21.75	21.52	23	0
10	QPSK	1	25	21.61	21.59	21.52		
10	QPSK	1	49	21.51	21.63	21.61		
10	QPSK	25	0	20.42	20.52	20.37	22	1
10	QPSK	25	12	20.31	20.45	20.38		
10	QPSK	25	25	20.25	20.41	20.26		
10	QPSK	50	0	20.44	20.45	20.42		
10	16QAM	1	0	20.78	20.90	20.75	22	1
10	16QAM	1	25	20.72	20.72	20.63		
10	16QAM	1	49	20.65	20.80	20.70		
10	16QAM	25	0	19.58	19.66	19.54	21	2
10	16QAM	25	12	19.42	19.56	19.44		
10	16QAM	25	25	19.53	19.52	19.58		
10	16QAM	50	0	19.60	19.52	19.51		
10	64QAM	1	0	19.53	19.61	19.52	21	2
10	64QAM	1	25	19.57	19.55	19.59		
10	64QAM	1	49	19.53	19.60	19.53		
10	64QAM	25	0	18.50	18.54	18.51	20	3
10	64QAM	25	12	18.47	18.46	18.40		
10	64QAM	25	25	18.40	18.41	18.36		
10	64QAM	50	0	18.33	18.38	18.31		
10	256QAM	1	0	16.71	16.84	16.70	18	5
10	256QAM	1	25	16.60	16.69	16.57		
10	256QAM	1	49	16.68	16.71	16.71		
10	256QAM	25	0	16.57	16.59	16.47	18	5
10	256QAM	25	12	16.57	16.74	16.75		
10	256QAM	25	25	16.67	16.83	16.68		
10	256QAM	50	0	16.59	16.72	16.65		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.63	21.79	21.61	23	0
5	QPSK	1	12	21.64	21.58	21.60		
5	QPSK	1	24	21.51	21.59	21.60		
5	QPSK	12	0	20.37	20.47	20.37	22	1
5	QPSK	12	7	20.29	20.42	20.31		
5	QPSK	12	13	20.28	20.36	20.30		
5	QPSK	25	0	20.43	20.47	20.45		
5	16QAM	1	0	20.86	20.92	20.67	22	1
5	16QAM	1	12	20.75	20.82	20.66		
5	16QAM	1	24	20.73	20.74	20.65		
5	16QAM	12	0	19.58	19.56	19.48	21	2
5	16QAM	12	7	19.38	19.49	19.50		
5	16QAM	12	13	19.44	19.59	19.54		
5	16QAM	25	0	19.52	19.54	19.53		
5	64QAM	1	0	19.56	19.69	19.48	21	2
5	64QAM	1	12	19.55	19.58	19.55		
5	64QAM	1	24	19.43	19.55	19.48		
5	64QAM	12	0	18.50	18.51	18.53	20	3
5	64QAM	12	7	18.44	18.52	18.41		
5	64QAM	12	13	18.43	18.49	18.40		
5	64QAM	25	0	18.30	18.39	18.25		
5	256QAM	1	0	16.79	16.78	16.72	18	5
5	256QAM	1	12	16.58	16.68	16.58		
5	256QAM	1	24	16.66	16.72	16.63		
5	256QAM	12	0	16.65	16.60	16.45	18	5
5	256QAM	12	7	16.58	16.75	16.70		
5	256QAM	12	13	16.73	16.76	16.68		
5	256QAM	25	0	16.59	16.76	16.66		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.18	20.22	20.15	21.5	0
20	QPSK	1	49	19.99	20.06	20.03		
20	QPSK	1	99	19.95	20.08	20.08		
20	QPSK	50	0	20.14	20.21	20.06	21.5	0
20	QPSK	50	24	19.97	19.99	19.89		
20	QPSK	50	50	19.90	20.02	20.07		
20	QPSK	100	0	20.03	20.16	20.02		
20	16QAM	1	0	19.89	20.01	19.94	21.5	0
20	16QAM	1	49	19.85	19.97	20.07		
20	16QAM	1	99	20.12	20.12	20.00		
20	16QAM	50	0	19.96	20.04	19.92	21.5	0
20	16QAM	50	24	19.93	19.99	20.10		
20	16QAM	50	50	20.10	20.20	20.12		
20	16QAM	100	0	19.89	20.00	19.97		
20	64QAM	1	0	19.93	20.00	20.01	21.5	0
20	64QAM	1	49	20.11	20.18	20.03		
20	64QAM	1	99	20.02	20.06	19.90		
20	64QAM	50	0	19.73	19.88	19.80	21	0.5
20	64QAM	50	24	19.61	19.71	19.70		
20	64QAM	50	50	19.75	19.72	19.68		
20	64QAM	100	0	19.71	19.76	19.70		
20	256QAM	1	0	18.00	18.04	17.95	19	2.5
20	256QAM	1	49	17.85	17.90	17.79		
20	256QAM	1	99	17.86	17.94	17.85		
20	256QAM	50	0	17.86	17.98	17.93	19	2.5
20	256QAM	50	24	17.82	17.93	17.84		
20	256QAM	50	50	17.80	17.94	17.90		
20	256QAM	100	0	17.82	17.91	17.84		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.09	20.10	20.04	21.5	0
15	QPSK	1	37	19.95	19.98	19.90		
15	QPSK	1	74	19.87	19.96	19.95		
15	QPSK	36	0	20.07	20.13	20.02	21.5	0
15	QPSK	36	20	19.85	19.88	19.81		
15	QPSK	36	39	19.81	19.91	20.02		
15	QPSK	75	0	19.93	20.11	19.97		
15	16QAM	1	0	19.81	19.88	19.85	21.5	0
15	16QAM	1	37	19.79	19.91	19.99		
15	16QAM	1	74	20.05	20.06	19.93		
15	16QAM	36	0	19.91	19.98	19.86	21.5	0
15	16QAM	36	20	19.85	19.91	20.07		
15	16QAM	36	39	19.97	20.13	19.99		
15	16QAM	75	0	19.76	19.90	19.88		
15	64QAM	1	0	19.86	19.91	19.93	21.5	0
15	64QAM	1	37	20.01	20.15	19.94		
15	64QAM	1	74	19.98	19.98	19.83		
15	64QAM	36	0	19.62	19.78	19.75	21	0.5
15	64QAM	36	20	19.54	19.64	19.65		
15	64QAM	36	39	19.67	19.68	19.55		
15	64QAM	75	0	19.61	19.66	19.61		
15	256QAM	1	0	17.92	18.01	17.84	19	2.5
15	256QAM	1	37	17.73	17.85	17.75		
15	256QAM	1	74	17.79	17.90	17.78		
15	256QAM	36	0	17.81	17.87	17.87	19	2.5
15	256QAM	36	20	17.78	17.89	17.70		
15	256QAM	36	39	17.78	17.88	17.80		
15	256QAM	75	0	17.69	17.81	17.79		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.12	20.19	20.11	21.5	0
10	QPSK	1	25	19.93	19.95	19.94		
10	QPSK	1	49	19.84	19.99	20.00		
10	QPSK	25	0	20.10	20.18	20.03	21.5	0
10	QPSK	25	12	19.85	19.87	19.84		
10	QPSK	25	25	19.78	19.90	20.03		
10	QPSK	50	0	19.92	20.05	19.99		
10	16QAM	1	0	19.83	19.93	19.83	21.5	0
10	16QAM	1	25	19.78	19.94	19.97		
10	16QAM	1	49	20.00	20.08	19.93		
10	16QAM	25	0	19.92	19.94	19.87	21.5	0
10	16QAM	25	12	19.86	19.87	20.04		
10	16QAM	25	25	20.00	20.14	20.05		
10	16QAM	50	0	19.82	19.97	19.93		
10	64QAM	1	0	19.85	19.87	19.92	21.5	0
10	64QAM	1	25	19.98	20.08	19.93		
10	64QAM	1	49	19.89	20.01	19.82		
10	64QAM	25	0	19.69	19.79	19.69	21	0.5
10	64QAM	25	12	19.54	19.68	19.59		
10	64QAM	25	25	19.70	19.59	19.58		
10	64QAM	50	0	19.65	19.73	19.58		
10	256QAM	1	0	17.97	18.00	17.82	19	2.5
10	256QAM	1	25	17.77	17.82	17.69		
10	256QAM	1	49	17.73	17.89	17.77		
10	256QAM	25	0	17.78	17.87	17.82	19	2.5
10	256QAM	25	12	17.70	17.86	17.71		
10	256QAM	25	25	17.69	17.88	17.85		
10	256QAM	50	0	17.69	17.81	17.75		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.10	20.18	20.02	21.5	0
5	QPSK	1	12	19.87	20.01	19.95		
5	QPSK	1	24	19.84	19.98	19.96		
5	QPSK	12	0	20.11	20.14	19.98	21.5	0
5	QPSK	12	7	19.88	19.94	19.80		
5	QPSK	12	13	19.87	19.97	19.97		
5	QPSK	25	0	19.98	20.05	19.96		
5	16QAM	1	0	19.80	19.91	19.89	21.5	0
5	16QAM	1	12	19.79	19.85	19.95		
5	16QAM	1	24	20.06	20.05	19.93		
5	16QAM	12	0	19.84	19.94	19.87	21.5	0
5	16QAM	12	7	19.83	19.91	20.01		
5	16QAM	12	13	19.99	20.14	20.04		
5	16QAM	25	0	19.85	19.96	19.93		
5	64QAM	1	0	19.85	19.88	19.94	21.5	0
5	64QAM	1	12	20.02	20.10	19.98		
5	64QAM	1	24	19.95	20.03	19.82		
5	64QAM	12	0	19.66	19.85	19.73	21	0.5
5	64QAM	12	7	19.58	19.60	19.66		
5	64QAM	12	13	19.68	19.60	19.62		
5	64QAM	25	0	19.65	19.72	19.59		
5	256QAM	1	0	17.89	17.93	17.87	19	2.5
5	256QAM	1	12	17.72	17.79	17.66		
5	256QAM	1	24	17.75	17.90	17.76		
5	256QAM	12	0	17.76	17.93	17.81	19	2.5
5	256QAM	12	7	17.79	17.88	17.81		
5	256QAM	12	13	17.73	17.85	17.77		
5	256QAM	25	0	17.73	17.79	17.81		

Band 41 For ENDC Ant4 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.13	20.27	20.31	20.21	20.26	21.5	0
20	QPSK	1	49	19.98	20.11	20.17	20.06	20.01		
20	QPSK	1	99	20.12	20.05	20.16	20.18	20.10		
20	QPSK	50	0	20.02	20.17	20.28	20.18	20.23	21.5	0
20	QPSK	50	24	19.94	20.04	20.09	19.96	19.97		
20	QPSK	50	50	20.01	20.02	20.06	20.11	19.99		
20	QPSK	100	0	20.10	20.15	20.26	20.10	20.15		
20	16QAM	1	0	19.91	19.99	20.11	20.03	19.97	21.5	0
20	16QAM	1	49	20.06	19.93	20.05	20.13	20.06		
20	16QAM	1	99	20.09	20.22	20.24	20.09	20.21		
20	16QAM	50	0	19.93	20.06	20.11	20.01	19.97	21.5	0
20	16QAM	50	24	20.05	20.01	20.07	20.14	20.06		
20	16QAM	50	50	20.09	20.18	20.23	20.16	20.17		
20	16QAM	100	0	19.94	20.01	20.05	20.02	19.93		
20	64QAM	1	0	20.03	19.97	20.07	20.12	19.99	21.5	0
20	64QAM	1	49	20.02	20.16	20.25	20.11	20.15		
20	64QAM	1	99	19.89	20.06	20.12	19.95	19.94		
20	64QAM	50	0	19.79	19.80	19.93	19.89	19.91	21	0.5
20	64QAM	50	24	19.76	19.68	19.81	19.75	19.73		
20	64QAM	50	50	19.72	19.80	19.84	19.73	19.78		
20	64QAM	100	0	19.70	19.76	19.84	19.79	19.70		
20	256QAM	1	0	18.03	17.96	18.09	18.05	18.01	19	2.5
20	256QAM	1	49	17.89	17.92	17.99	17.90	17.85		
20	256QAM	1	99	18.01	18.00	18.04	18.01	17.91		
20	256QAM	50	0	17.96	17.95	18.02	18.00	17.91	19	2.5
20	256QAM	50	24	17.99	17.98	18.05	17.93	17.98		
20	256QAM	50	50	17.99	17.98	18.03	17.98	17.98		
20	256QAM	100	0	17.97	17.99	18.06	18.01	17.99		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.02	20.21	20.20	20.11	20.13	22	0
15	QPSK	1	37	19.86	20.05	20.06	19.98	19.94		
15	QPSK	1	74	20.03	20.02	20.07	20.11	20.06		
15	QPSK	36	0	19.92	20.06	20.21	20.11	20.18	21.5	0
15	QPSK	36	20	19.88	19.93	20.01	19.92	19.89		
15	QPSK	36	39	19.88	19.96	19.94	20.04	19.94		
15	QPSK	75	0	19.98	20.06	20.21	20.02	20.08		
15	16QAM	1	0	19.88	19.94	19.99	19.95	19.90	21.5	0
15	16QAM	1	37	19.97	19.88	19.95	20.04	19.97		
15	16QAM	1	74	20.03	20.11	20.16	20.01	20.12		
15	16QAM	36	0	19.86	19.99	20.03	19.89	19.88	21.5	0
15	16QAM	36	20	20.01	19.93	19.99	20.03	19.99		
15	16QAM	36	39	19.99	20.10	20.12	20.04	20.10		
15	16QAM	75	0	19.86	19.90	19.97	19.97	19.86		
15	64QAM	1	0	19.98	19.94	19.98	20.03	19.92	21.5	0
15	64QAM	1	37	19.98	20.10	20.13	20.03	20.02		
15	64QAM	1	74	19.79	19.94	20.07	19.90	19.83		
15	64QAM	36	0	19.68	19.77	19.83	19.84	19.86	21	0.5
15	64QAM	36	20	19.70	19.62	19.77	19.63	19.71		
15	64QAM	36	39	19.66	19.69	19.78	19.63	19.65		
15	64QAM	75	0	19.61	19.71	19.76	19.68	19.68		
15	256QAM	1	0	17.95	17.85	18.07	18.02	17.93	19	2.5
15	256QAM	1	37	17.79	17.80	17.90	17.84	17.80		
15	256QAM	1	74	17.92	17.94	18.02	17.87	17.88		
15	256QAM	36	0	17.92	17.90	17.91	17.91	17.88	19	2.5
15	256QAM	36	20	17.95	17.91	18.00	17.83	17.85		
15	256QAM	36	39	17.88	17.84	17.92	17.85	17.94		
15	256QAM	75	0	17.90	17.92	17.95	17.97	17.89		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.06	20.22	20.21	20.12	20.21	22	0
10	QPSK	1	25	19.93	20.07	20.08	20.02	19.89		
10	QPSK	1	49	20.02	19.97	20.03	20.11	20.05		
10	QPSK	25	0	19.98	20.13	20.22	20.08	20.14	21.5	0
10	QPSK	25	12	19.82	19.97	20.02	19.84	19.91		
10	QPSK	25	25	19.91	19.91	19.95	20.02	19.95		
10	QPSK	50	0	20.02	20.05	20.14	19.98	20.05		
10	16QAM	1	0	19.79	19.90	20.03	19.99	19.90	21.5	0
10	16QAM	1	25	19.97	19.85	20.01	20.00	19.95		
10	16QAM	1	49	20.03	20.11	20.11	20.06	20.08		
10	16QAM	25	0	19.86	19.96	19.99	19.97	19.91	21.5	0
10	16QAM	25	12	20.02	19.91	20.04	20.07	19.94		
10	16QAM	25	25	19.97	20.15	20.20	20.05	20.05		
10	16QAM	50	0	19.90	19.93	20.00	19.91	19.84		
10	64QAM	1	0	19.93	19.84	19.96	20.05	19.91	21.5	0
10	64QAM	1	25	19.94	20.13	20.20	20.07	20.04		
10	64QAM	1	49	19.79	20.01	20.04	19.83	19.82		
10	64QAM	25	0	19.70	19.77	19.84	19.86	19.87	21	0.5
10	64QAM	25	12	19.66	19.64	19.67	19.65	19.61		
10	64QAM	25	25	19.69	19.77	19.72	19.64	19.72		
10	64QAM	50	0	19.56	19.73	19.82	19.66	19.57		
10	256QAM	1	0	17.96	17.91	18.06	17.91	17.95	19	2.5
10	256QAM	1	25	17.84	17.88	17.91	17.80	17.72		
10	256QAM	1	49	17.88	17.87	17.98	17.90	17.81		
10	256QAM	25	0	17.90	17.84	17.93	17.97	17.86	19	2.5
10	256QAM	25	12	17.94	17.85	18.02	17.82	17.96		
10	256QAM	25	25	17.87	17.86	17.97	17.85	17.93		
10	256QAM	50	0	17.91	17.90	17.98	17.94	17.87		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.04	20.23	20.22	20.09	20.15	22	0
5	QPSK	1	12	19.88	20.07	20.09	19.97	19.97		
5	QPSK	1	24	20.01	19.97	20.06	20.06	20.01		
5	QPSK	12	0	19.97	20.11	20.19	20.08	20.15	21.5	0
5	QPSK	12	7	19.91	20.00	20.00	19.92	19.89		
5	QPSK	12	13	19.94	19.92	20.01	20.06	19.90		
5	QPSK	25	0	20.05	20.03	20.22	20.02	20.11		
5	16QAM	1	0	19.83	19.93	20.04	19.93	19.89	21.5	0
5	16QAM	1	12	19.96	19.87	19.94	20.10	20.00		
5	16QAM	1	24	19.98	20.10	20.16	20.01	20.14		
5	16QAM	12	0	19.85	20.01	20.02	19.90	19.87	21.5	0
5	16QAM	12	7	19.96	19.94	19.94	20.11	20.00		
5	16QAM	12	13	20.01	20.10	20.13	20.11	20.14		
5	16QAM	25	0	19.90	19.95	19.95	19.98	19.82		
5	64QAM	1	0	19.91	19.90	19.98	20.03	19.91	21.5	0
5	64QAM	1	12	19.94	20.10	20.18	19.99	20.06		
5	64QAM	1	24	19.79	19.99	20.07	19.85	19.88		
5	64QAM	12	0	19.72	19.69	19.79	19.81	19.78	21	0.5
5	64QAM	12	7	19.70	19.65	19.71	19.70	19.70		
5	64QAM	12	13	19.65	19.75	19.82	19.70	19.64		
5	64QAM	25	0	19.59	19.69	19.76	19.71	19.57		
5	256QAM	1	0	17.91	17.94	18.01	17.94	17.90	19	2.5
5	256QAM	1	12	17.86	17.83	17.93	17.78	17.75		
5	256QAM	1	24	17.97	17.96	18.00	17.89	17.78		
5	256QAM	12	0	17.87	17.84	17.93	17.87	17.85	19	2.5
5	256QAM	12	7	17.93	17.92	17.98	17.90	17.94		
5	256QAM	12	13	17.87	17.87	17.95	17.96	17.86		
5	256QAM	25	0	17.90	17.88	18.04	17.95	17.93		

Band 41 HPUE For ENDC Ant4 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.67	21.75	21.90	21.81	21.84	23.1	0
20	QPSK	1	49	21.66	21.70	21.78	21.67	21.76		
20	QPSK	1	99	21.58	21.65	21.74	21.67	21.58		
20	QPSK	50	0	21.56	21.65	21.85	21.75	21.71	23.1	0
20	QPSK	50	24	21.61	21.66	21.69	21.59	21.66		
20	QPSK	50	50	21.49	21.60	21.64	21.62	21.50		
20	QPSK	100	0	21.59	21.66	21.79	21.76	21.76		
20	16QAM	1	0	21.63	21.60	21.68	21.59	21.72	23.1	0
20	16QAM	1	49	21.52	21.56	21.65	21.63	21.52		
20	16QAM	1	99	21.55	21.71	21.83	21.78	21.81		
20	16QAM	50	0	21.54	21.61	21.69	21.59	21.68	23.1	0
20	16QAM	50	24	21.52	21.53	21.62	21.56	21.47		
20	16QAM	50	50	21.63	21.69	21.78	21.75	21.76		
20	16QAM	100	0	21.62	21.64	21.74	21.59	21.65		
20	64QAM	1	0	21.51	21.55	21.65	21.64	21.48	23.1	0
20	64QAM	1	49	21.59	21.69	21.81	21.68	21.79		
20	64QAM	1	99	21.56	21.59	21.72	21.62	21.69		
20	64QAM	50	0	21.45	21.56	21.69	21.60	21.54	23.1	0
20	64QAM	50	24	21.55	21.71	21.81	21.69	21.80		
20	64QAM	50	50	21.54	21.62	21.69	21.57	21.66		
20	64QAM	100	0	21.50	21.58	21.62	21.61	21.46		
20	256QAM	1	0	20.58	20.53	20.61	20.56	20.56	22	1.1
20	256QAM	1	49	20.44	20.44	20.48	20.41	20.41		
20	256QAM	1	99	20.47	20.53	20.59	20.45	20.45		
20	256QAM	50	0	20.50	20.52	20.56	20.43	20.51	22	1.1
20	256QAM	50	24	20.44	20.39	20.50	20.43	20.40		
20	256QAM	50	50	20.51	20.42	20.53	20.46	20.40		
20	256QAM	100	0	20.51	20.46	20.54	20.46	20.46		
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	21.61	21.63	21.84	21.71	21.75	23	0
15	QPSK	1	37	21.56	21.60	21.67	21.61	21.65		
15	QPSK	1	74	21.50	21.52	21.68	21.56	21.50		
15	QPSK	36	0	21.45	21.53	21.77	21.71	21.59	23.1	0
15	QPSK	36	20	21.51	21.56	21.63	21.47	21.57		
15	QPSK	36	39	21.38	21.53	21.61	21.49	21.38		
15	QPSK	75	0	21.48	21.56	21.68	21.65	21.67		
15	16QAM	1	0	21.59	21.54	21.62	21.56	21.63	23.1	0
15	16QAM	1	37	21.41	21.45	21.58	21.51	21.40		
15	16QAM	1	74	21.46	21.59	21.72	21.72	21.73		
15	16QAM	36	0	21.42	21.54	21.65	21.54	21.63	23.1	0
15	16QAM	36	20	21.41	21.45	21.53	21.47	21.35		
15	16QAM	36	39	21.59	21.56	21.74	21.66	21.66		
15	16QAM	75	0	21.59	21.53	21.62	21.52	21.61		
15	64QAM	1	0	21.43	21.46	21.57	21.60	21.41	23.1	0
15	64QAM	1	37	21.47	21.58	21.78	21.64	21.74		
15	64QAM	1	74	21.44	21.51	21.67	21.50	21.60		
15	64QAM	36	0	21.37	21.43	21.60	21.48	21.43	23.1	0
15	64QAM	36	20	21.42	21.61	21.76	21.58	21.72		
15	64QAM	36	39	21.50	21.50	21.59	21.54	21.60		
15	64QAM	75	0	21.45	21.53	21.59	21.52	21.41		
15	256QAM	1	0	20.48	20.50	20.54	20.49	20.52	22	1.1
15	256QAM	1	37	20.32	20.39	20.36	20.30	20.35		
15	256QAM	1	74	20.33	20.50	20.54	20.36	20.40		
15	256QAM	36	0	20.40	20.43	20.47	20.37	20.49	22	1.1
15	256QAM	36	20	20.35	20.35	20.48	20.36	20.26		
15	256QAM	36	39	20.40	20.30	20.48	20.38	20.29		
15	256QAM	75	0	20.42	20.38	20.49	20.44	20.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.64	21.66	21.79	21.76	21.81	23	0
10	QPSK	1	25	21.56	21.60	21.70	21.59	21.73		
10	QPSK	1	49	21.48	21.58	21.61	21.58	21.47		
10	QPSK	25	0	21.50	21.56	21.82	21.64	21.60	23.1	0
10	QPSK	25	12	21.51	21.56	21.62	21.56	21.55		
10	QPSK	25	25	21.39	21.49	21.51	21.57	21.44		
10	QPSK	50	0	21.49	21.63	21.76	21.72	21.71		
10	16QAM	1	0	21.53	21.47	21.62	21.52	21.60	23.1	0
10	16QAM	1	25	21.43	21.49	21.58	21.57	21.49		
10	16QAM	1	49	21.50	21.61	21.72	21.70	21.73		
10	16QAM	25	0	21.48	21.51	21.59	21.52	21.65	23.1	0
10	16QAM	25	12	21.49	21.43	21.52	21.43	21.39		
10	16QAM	25	25	21.53	21.62	21.73	21.71	21.73		
10	16QAM	50	0	21.52	21.59	21.67	21.55	21.54		
10	64QAM	1	0	21.46	21.45	21.55	21.60	21.40	23.1	0
10	64QAM	1	25	21.47	21.65	21.70	21.58	21.70		
10	64QAM	1	49	21.46	21.49	21.68	21.53	21.63		
10	64QAM	25	0	21.33	21.44	21.61	21.56	21.48	23.1	0
10	64QAM	25	12	21.45	21.60	21.72	21.60	21.72		
10	64QAM	25	25	21.42	21.52	21.65	21.47	21.57		
10	64QAM	50	0	21.40	21.50	21.56	21.56	21.41		
10	256QAM	1	0	20.52	20.51	20.56	20.52	20.47	22	1.1
10	256QAM	1	25	20.36	20.31	20.37	20.32	20.30		
10	256QAM	1	49	20.40	20.46	20.51	20.42	20.34		
10	256QAM	25	0	20.47	20.50	20.44	20.36	20.47	22	1.1
10	256QAM	25	12	20.41	20.34	20.37	20.35	20.29		
10	256QAM	25	25	20.40	20.32	20.40	20.34	20.31		
10	256QAM	50	0	20.40	20.40	20.42	20.42	20.32		
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	21.63	21.63	21.83	21.76	21.73	23	0
5	QPSK	1	12	21.55	21.65	21.75	21.58	21.72		
5	QPSK	1	24	21.52	21.55	21.68	21.54	21.54		
5	QPSK	12	0	21.44	21.59	21.78	21.65	21.60	23.1	0
5	QPSK	12	7	21.58	21.55	21.58	21.52	21.59		
5	QPSK	12	13	21.39	21.48	21.52	21.55	21.38		
5	QPSK	25	0	21.50	21.62	21.75	21.64	21.73		
5	16QAM	1	0	21.52	21.50	21.60	21.55	21.64	23.1	0
5	16QAM	1	12	21.47	21.47	21.56	21.60	21.40		
5	16QAM	1	24	21.46	21.65	21.79	21.69	21.77		
5	16QAM	12	0	21.51	21.54	21.66	21.52	21.63	23.1	0
5	16QAM	12	7	21.47	21.41	21.58	21.47	21.42		
5	16QAM	12	13	21.55	21.64	21.66	21.71	21.68		
5	16QAM	25	0	21.54	21.58	21.64	21.50	21.60		
5	64QAM	1	0	21.41	21.46	21.60	21.57	21.38	23.1	0
5	64QAM	1	12	21.46	21.64	21.74	21.56	21.66		
5	64QAM	1	24	21.47	21.56	21.68	21.49	21.58		
5	64QAM	12	0	21.41	21.49	21.66	21.48	21.48	23.1	0
5	64QAM	12	7	21.48	21.61	21.70	21.61	21.73		
5	64QAM	12	13	21.43	21.54	21.58	21.47	21.55		
5	64QAM	25	0	21.46	21.52	21.51	21.58	21.43		
5	256QAM	1	0	20.49	20.51	20.50	20.47	20.47	22	1.1
5	256QAM	1	12	20.34	20.39	20.45	20.34	20.35		
5	256QAM	1	24	20.34	20.50	20.53	20.37	20.32		
5	256QAM	12	0	20.37	20.49	20.50	20.33	20.47	22	1.1
5	256QAM	12	7	20.33	20.25	20.44	20.34	20.32		
5	256QAM	12	13	20.37	20.40	20.42	20.32	20.37		
5	256QAM	25	0	20.49	20.34	20.41	20.42	20.36		

Reduced Power Mode for DSI6

GSM850 Ant 0 DSI 6

GSM850	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	31.55	31.66	33.50	22.75	22.55	22.66	24.50
GPRS 1 Tx slot	31.81	31.61	31.78	33.50	22.81	22.61	22.78	24.50
GPRS 2 Tx slots	30.56	30.14	30.51	31.50	24.56	24.14	24.51	25.50
GPRS 3 Tx slots	27.34	27.25	27.33	29.00	23.08	22.99	23.07	24.74
GPRS 4 Tx slots	25.09	25.11	25.05	27.00	22.09	22.11	22.05	24.00
EDGE 1 Tx slot	24.75	24.65	24.56	25.50	15.75	15.65	15.56	16.50
EDGE 2 Tx slots	22.84	22.90	22.99	24.00	16.84	16.90	16.99	18.00
EDGE 3 Tx slots	20.52	20.37	20.36	22.00	16.26	16.11	16.10	17.74
EDGE 4 Tx slots	18.42	18.44	18.76	20.00	15.42	15.44	15.76	17.00

WCDMA V Ant 0 DSI 6

Band		WCDMA V			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	22.24	22.38	22.26	24.00
3GPP Rel 99	RMC 12.2Kbps	22.39	22.43	22.29	24.00
3GPP Rel 6	HSDPA Subtest-1	21.22	21.33	21.18	23.00
3GPP Rel 6	HSDPA Subtest-2	22.13	22.22	22.22	23.00
3GPP Rel 6	HSDPA Subtest-3	21.84	21.81	21.68	22.50
3GPP Rel 6	HSDPA Subtest-4	21.78	21.80	21.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.30	21.32	21.20	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.26	22.18	22.14	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.82	21.90	21.67	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.79	21.74	21.69	22.50
3GPP Rel 6	HSUPA Subtest-1	22.08	22.14	22.06	23.00
3GPP Rel 6	HSUPA Subtest-2	20.30	20.32	20.23	21.00
3GPP Rel 6	HSUPA Subtest-3	21.30	21.34	21.23	22.00
3GPP Rel 6	HSUPA Subtest-4	20.28	20.24	20.19	21.00
3GPP Rel 6	HSUPA Subtest-5	21.31	21.24	21.20	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.76	19.68	19.72	20.50

Band 5 Ant0 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.61	22.70	22.58	24	0
10	QPSK	1	25	22.60	22.66	22.60		
10	QPSK	1	49	22.41	22.54	22.43		
10	QPSK	25	0	21.56	21.66	21.55	23	1
10	QPSK	25	12	21.57	21.63	21.57		
10	QPSK	25	25	21.59	21.65	21.59		
10	QPSK	50	0	21.41	21.51	21.44		
10	16QAM	1	0	21.78	21.85	21.79	23	1
10	16QAM	1	25	21.73	21.78	21.73		
10	16QAM	1	49	21.79	21.82	21.79		
10	16QAM	25	0	20.51	20.59	20.55	22	2
10	16QAM	25	12	20.54	20.61	20.49		
10	16QAM	25	25	20.57	20.61	20.58		
10	16QAM	50	0	20.56	20.59	20.50		
10	64QAM	1	0	20.66	20.75	20.68	22	2
10	64QAM	1	25	20.88	20.92	20.84		
10	64QAM	1	49	20.68	20.71	20.60		
10	64QAM	25	0	19.53	19.57	19.50	21	3
10	64QAM	25	12	19.57	19.60	19.56		
10	64QAM	25	25	19.62	19.67	19.58		
10	64QAM	50	0	19.52	19.57	19.47		
10	256QAM	1	0	17.75	17.81	17.78	19	5
10	256QAM	1	25	17.65	17.69	17.67		
10	256QAM	1	49	17.62	17.73	17.70		
10	256QAM	25	0	17.58	17.67	17.62	19	5
10	256QAM	25	12	17.58	17.61	17.61		
10	256QAM	25	25	17.59	17.55	17.56		
10	256QAM	50	0	17.59	17.61	17.57		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.50	22.59	22.54	24	0
5	QPSK	1	12	22.57	22.61	22.54		
5	QPSK	1	24	22.31	22.49	22.30		
5	QPSK	12	0	21.50	21.57	21.43	23	1
5	QPSK	12	7	21.55	21.57	21.49		
5	QPSK	12	13	21.53	21.56	21.55		
5	QPSK	25	0	21.29	21.49	21.32		
5	16QAM	1	0	21.76	21.79	21.77	23	1
5	16QAM	1	12	21.65	21.72	21.63		
5	16QAM	1	24	21.68	21.69	21.75		
5	16QAM	12	0	20.40	20.49	20.43	22	2
5	16QAM	12	7	20.48	20.53	20.46		
5	16QAM	12	13	20.52	20.53	20.45		
5	16QAM	25	0	20.48	20.46	20.38		
5	64QAM	1	0	20.57	20.65	20.63	22	2
5	64QAM	1	12	20.82	20.89	20.73		
5	64QAM	1	24	20.63	20.58	20.51		
5	64QAM	12	0	19.46	19.50	19.38	21	3
5	64QAM	12	7	19.54	19.56	19.47		
5	64QAM	12	13	19.49	19.53	19.47		
5	64QAM	25	0	19.39	19.49	19.35		
5	256QAM	1	0	17.70	17.67	17.74	19	5
5	256QAM	1	12	17.53	17.58	17.60		
5	256QAM	1	24	17.55	17.64	17.60		
5	256QAM	12	0	17.44	17.53	17.49	19	5
5	256QAM	12	7	17.50	17.53	17.55		
5	256QAM	12	13	17.56	17.53	17.53		
5	256QAM	25	0	17.56	17.50	17.50		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.50	22.61	22.48	24	0
3	QPSK	1	8	22.46	22.63	22.53		
3	QPSK	1	14	22.29	22.40	22.30		
3	QPSK	8	0	21.44	21.61	21.45	23	1
3	QPSK	8	4	21.48	21.60	21.46		
3	QPSK	8	7	21.47	21.59	21.47		
3	QPSK	15	0	21.37	21.41	21.31		
3	16QAM	1	0	21.76	21.72	21.68	23	1
3	16QAM	1	8	21.68	21.67	21.67		
3	16QAM	1	14	21.71	21.71	21.71		
3	16QAM	8	0	20.40	20.53	20.45	22	2
3	16QAM	8	4	20.48	20.48	20.46		
3	16QAM	8	7	20.48	20.48	20.47		
3	16QAM	15	0	20.50	20.47	20.47		
3	64QAM	1	0	20.55	20.72	20.61	22	2
3	64QAM	1	8	20.78	20.82	20.80		
3	64QAM	1	14	20.66	20.69	20.58		
3	64QAM	8	0	19.45	19.43	19.38	21	3
3	64QAM	8	4	19.46	19.57	19.50		
3	64QAM	8	7	19.52	19.59	19.48		
3	64QAM	15	0	19.39	19.45	19.39		
3	256QAM	1	0	17.65	17.76	17.75	19	5
3	256QAM	1	8	17.62	17.58	17.57		
3	256QAM	1	14	17.57	17.71	17.56		
3	256QAM	8	0	17.49	17.65	17.57	19	5
3	256QAM	8	4	17.55	17.54	17.57		
3	256QAM	8	7	17.56	17.44	17.50		
3	256QAM	15	0	17.52	17.53	17.46		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.53	22.64	22.45	24	0
1.4	QPSK	1	3	22.49	22.59	22.56		
1.4	QPSK	1	5	22.29	22.45	22.31		
1.4	QPSK	3	0	22.52	22.63	22.48		
1.4	QPSK	3	1	22.56	22.54	22.57		
1.4	QPSK	3	3	22.27	22.50	22.31		
1.4	QPSK	6	0	21.45	21.63	21.47	23	1
1.4	16QAM	1	0	21.52	21.49	21.49	23	1
1.4	16QAM	1	3	21.47	21.59	21.55		
1.4	16QAM	1	5	21.44	21.53	21.41		
1.4	16QAM	3	0	21.52	21.59	21.49		
1.4	16QAM	3	1	21.53	21.57	21.51		
1.4	16QAM	3	3	21.48	21.63	21.53		
1.4	16QAM	6	0	20.45	20.54	20.49	22	2
1.4	64QAM	1	0	20.46	20.53	20.39	22	2
1.4	64QAM	1	3	20.53	20.53	20.47		
1.4	64QAM	1	5	20.54	20.52	20.48		
1.4	64QAM	3	0	20.46	20.51	20.43		
1.4	64QAM	3	1	20.50	20.52	20.41		
1.4	64QAM	3	3	20.54	20.55	20.46		
1.4	64QAM	6	0	19.39	19.49	19.36	21	3
1.4	256QAM	1	0	17.65	17.77	17.72	19	5
1.4	256QAM	1	3	17.59	17.59	17.54		
1.4	256QAM	1	5	17.60	17.70	17.57		
1.4	256QAM	3	0	17.54	17.60	17.51		
1.4	256QAM	3	1	17.46	17.53	17.49		
1.4	256QAM	3	3	17.45	17.43	17.43		
1.4	256QAM	6	0	17.51	17.47	17.48	19	5

Band 26 Ant0 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.51	22.60	22.49	24	0
15	QPSK	1	37	22.44	22.55	22.40		
15	QPSK	1	74	22.48	22.51	22.40		
15	QPSK	36	0	21.38	21.48	21.42	23	1
15	QPSK	36	20	21.41	21.42	21.42		
15	QPSK	36	39	21.39	21.38	21.36		
15	QPSK	75	0	21.35	21.45	21.34		
15	16QAM	1	0	21.81	21.88	21.79	23	1
15	16QAM	1	37	21.83	21.84	21.78		
15	16QAM	1	74	21.81	21.76	21.82		
15	16QAM	36	0	20.38	20.49	20.36	22	2
15	16QAM	36	20	20.30	20.41	20.28		
15	16QAM	36	39	20.37	20.40	20.36		
15	16QAM	75	0	20.28	20.39	20.36		
15	64QAM	1	0	20.51	20.57	20.49	22	2
15	64QAM	1	37	20.48	20.57	20.53		
15	64QAM	1	74	20.34	20.38	20.31		
15	64QAM	36	0	19.52	19.59	19.54	21	3
15	64QAM	36	20	19.47	19.53	19.48		
15	64QAM	36	39	19.41	19.53	19.48		
15	64QAM	75	0	19.39	19.49	19.39		
15	256QAM	1	0	17.53	17.63	17.51	19	5
15	256QAM	1	37	17.51	17.58	17.50		
15	256QAM	1	74	17.50	17.56	17.45		
15	256QAM	36	0	17.53	17.57	17.49	19	5
15	256QAM	36	20	17.42	17.52	17.40		
15	256QAM	36	39	17.51	17.56	17.47		
15	256QAM	75	0	17.51	17.56	17.49		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.41	22.56	22.39	24	0
10	QPSK	1	25	22.33	22.47	22.30		
10	QPSK	1	49	22.42	22.42	22.28		
10	QPSK	25	0	21.25	21.43	21.34	23	1
10	QPSK	25	12	21.39	21.34	21.33		
10	QPSK	25	25	21.34	21.31	21.31		
10	QPSK	50	0	21.26	21.42	21.28		
10	16QAM	1	0	21.77	21.82	21.70	23	1
10	16QAM	1	25	21.81	21.81	21.72		
10	16QAM	1	49	21.76	21.71	21.69		
10	16QAM	25	0	20.29	20.40	20.32	22	2
10	16QAM	25	12	20.17	20.32	20.23		
10	16QAM	25	25	20.31	20.30	20.23		
10	16QAM	50	0	20.16	20.30	20.22		
10	64QAM	1	0	20.39	20.54	20.36	22	2
10	64QAM	1	25	20.35	20.46	20.42		
10	64QAM	1	49	20.26	20.26	20.26		
10	64QAM	25	0	19.44	19.50	19.49	21	3
10	64QAM	25	12	19.44	19.45	19.38		
10	64QAM	25	25	19.37	19.40	19.35		
10	64QAM	50	0	19.29	19.42	19.29		
10	256QAM	1	0	17.44	17.53	17.46	19	5
10	256QAM	1	25	17.44	17.55	17.38		
10	256QAM	1	49	17.38	17.53	17.34		
10	256QAM	25	0	17.45	17.49	17.44	19	5
10	256QAM	25	12	17.31	17.43	17.28		
10	256QAM	25	25	17.43	17.54	17.34		
10	256QAM	50	0	17.42	17.44	17.36		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.46	22.50	22.39	24	0
5	QPSK	1	12	22.42	22.48	22.36		
5	QPSK	1	24	22.40	22.42	22.35		
5	QPSK	12	0	21.28	21.40	21.38	23	1
5	QPSK	12	7	21.33	21.38	21.33		
5	QPSK	12	13	21.32	21.33	21.33		
5	QPSK	25	0	21.23	21.33	21.21		
5	16QAM	1	0	21.72	21.75	21.70	23	1
5	16QAM	1	12	21.77	21.74	21.66		
5	16QAM	1	24	21.72	21.71	21.78		
5	16QAM	12	0	20.34	20.41	20.25	22	2
5	16QAM	12	7	20.20	20.29	20.24		
5	16QAM	12	13	20.27	20.35	20.27		
5	16QAM	25	0	20.25	20.37	20.26		
5	64QAM	1	0	20.42	20.53	20.37	22	2
5	64QAM	1	12	20.44	20.48	20.40		
5	64QAM	1	24	20.24	20.25	20.21		
5	64QAM	12	0	19.47	19.55	19.51	21	3
5	64QAM	12	7	19.45	19.40	19.36		
5	64QAM	12	13	19.33	19.43	19.44		
5	64QAM	25	0	19.34	19.41	19.36		
5	256QAM	1	0	17.47	17.51	17.45	19	5
5	256QAM	1	12	17.49	17.48	17.42		
5	256QAM	1	24	17.40	17.48	17.35		
5	256QAM	12	0	17.45	17.46	17.35	19	5
5	256QAM	12	7	17.28	17.49	17.27		
5	256QAM	12	13	17.38	17.48	17.41		
5	256QAM	25	0	17.38	17.45	17.46		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.42	22.49	22.38	24	0
3	QPSK	1	8	22.37	22.53	22.35		
3	QPSK	1	14	22.41	22.45	22.29		
3	QPSK	8	0	21.35	21.37	21.30	23	1
3	QPSK	8	4	21.35	21.29	21.35		
3	QPSK	8	7	21.25	21.25	21.26		
3	QPSK	15	0	21.28	21.35	21.29		
3	16QAM	1	0	21.70	21.79	21.73	23	1
3	16QAM	1	8	21.70	21.79	21.71		
3	16QAM	1	14	21.68	21.70	21.79		
3	16QAM	8	0	20.34	20.42	20.22	22	2
3	16QAM	8	4	20.19	20.33	20.20		
3	16QAM	8	7	20.28	20.36	20.27		
3	16QAM	15	0	20.23	20.36	20.30		
3	64QAM	1	0	20.44	20.52	20.35	22	2
3	64QAM	1	8	20.37	20.43	20.50		
3	64QAM	1	14	20.25	20.25	20.20		
3	64QAM	8	0	19.41	19.55	19.41	21	3
3	64QAM	8	4	19.43	19.40	19.45		
3	64QAM	8	7	19.35	19.46	19.41		
3	64QAM	15	0	19.32	19.38	19.35		
3	256QAM	1	0	17.48	17.59	17.44	19	5
3	256QAM	1	8	17.48	17.46	17.42		
3	256QAM	1	14	17.40	17.45	17.42		
3	256QAM	8	0	17.49	17.50	17.38	19	5
3	256QAM	8	4	17.34	17.45	17.32		
3	256QAM	8	7	17.41	17.53	17.39		
3	256QAM	15	0	17.46	17.48	17.47		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.28	22.40	22.21	24	0
1.4	QPSK	1	3	22.23	22.40	22.38		
1.4	QPSK	1	5	22.13	22.29	22.13		
1.4	QPSK	3	0	22.34	22.47	22.23		
1.4	QPSK	3	1	22.41	22.33	22.34		
1.4	QPSK	3	3	22.03	22.25	22.07		
1.4	QPSK	6	0	21.31	21.39	21.32	23	1
1.4	16QAM	1	0	21.32	21.29	21.28	23	1
1.4	16QAM	1	3	21.27	21.42	21.32		
1.4	16QAM	1	5	21.27	21.30	21.21		
1.4	16QAM	3	0	21.36	21.40	21.34		
1.4	16QAM	3	1	21.32	21.40	21.34		
1.4	16QAM	3	3	21.22	21.40	21.38		
1.4	16QAM	6	0	20.31	20.32	20.34	22	2
1.4	64QAM	1	0	20.21	20.29	20.25	22	2
1.4	64QAM	1	3	20.29	20.29	20.23		
1.4	64QAM	1	5	20.37	20.31	20.26		
1.4	64QAM	3	0	20.23	20.26	20.27		
1.4	64QAM	3	1	20.33	20.27	20.21		
1.4	64QAM	3	3	20.31	20.36	20.26		
1.4	64QAM	6	0	19.15	19.27	19.11	21	3
1.4	256QAM	1	0	17.50	17.54	17.57	19	5
1.4	256QAM	1	3	17.39	17.40	17.29		
1.4	256QAM	1	5	17.45	17.52	17.36		
1.4	256QAM	3	0	17.32	17.44	17.37		
1.4	256QAM	3	1	17.23	17.33	17.31		
1.4	256QAM	3	3	17.28	17.25	17.26		
1.4	256QAM	6	0	17.26	17.25	17.32	19	5

Band 71 Ant0 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.44	22.47	22.43	24	0
20	QPSK	1	49	22.27	22.37	22.28		
20	QPSK	1	99	22.31	22.34	22.27		
20	QPSK	50	0	21.40	21.50	21.42	23	1
20	QPSK	50	24	21.31	21.42	21.38		
20	QPSK	50	50	21.34	21.44	21.38		
20	QPSK	100	0	21.34	21.43	21.38		
20	16QAM	1	0	21.65	21.72	21.62	23	1
20	16QAM	1	49	21.52	21.64	21.52		
20	16QAM	1	99	21.63	21.67	21.56		
20	16QAM	50	0	20.43	20.52	20.45	22	2
20	16QAM	50	24	20.37	20.44	20.34		
20	16QAM	50	50	20.41	20.45	20.35		
20	16QAM	100	0	20.36	20.42	20.34		
20	64QAM	1	0	20.45	20.51	20.45	22	2
20	64QAM	1	49	20.33	20.46	20.42		
20	64QAM	1	99	20.30	20.41	20.35		
20	64QAM	50	0	19.42	19.49	19.41	21	3
20	64QAM	50	24	19.28	19.39	19.36		
20	64QAM	50	50	19.31	19.41	19.29		
20	64QAM	100	0	19.38	19.46	19.40		
20	256QAM	1	0	17.54	17.59	17.51	19	5
20	256QAM	1	49	17.38	17.49	17.43		
20	256QAM	1	99	17.50	17.54	17.41		
20	256QAM	50	0	17.38	17.44	17.38	19	5
20	256QAM	50	24	17.45	17.51	17.46		
20	256QAM	50	50	17.47	17.52	17.41		
20	256QAM	100	0	17.50	17.54	17.47		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.32	22.34	22.30	24	0
15	QPSK	1	37	22.18	22.27	22.19		
15	QPSK	1	74	22.22	22.29	22.21		
15	QPSK	36	0	21.32	21.48	21.34	23	1
15	QPSK	36	20	21.28	21.31	21.25		
15	QPSK	36	39	21.30	21.36	21.27		
15	QPSK	75	0	21.25	21.36	21.25		
15	16QAM	1	0	21.57	21.61	21.50	23	1
15	16QAM	1	37	21.42	21.50	21.43		
15	16QAM	1	74	21.51	21.55	21.48		
15	16QAM	36	0	20.37	20.46	20.31	22	2
15	16QAM	36	20	20.23	20.38	20.22		
15	16QAM	36	39	20.32	20.37	20.28		
15	16QAM	75	0	20.23	20.28	20.20		
15	64QAM	1	0	20.37	20.38	20.36	22	2
15	64QAM	1	37	20.21	20.34	20.32		
15	64QAM	1	74	20.17	20.30	20.30		
15	64QAM	36	0	19.33	19.35	19.28	21	3
15	64QAM	36	20	19.14	19.36	19.26		
15	64QAM	36	39	19.19	19.33	19.17		
15	64QAM	75	0	19.30	19.44	19.35		
15	256QAM	1	0	17.52	17.47	17.39	19	5
15	256QAM	1	37	17.35	17.41	17.31		
15	256QAM	1	74	17.45	17.48	17.28		
15	256QAM	36	0	17.30	17.35	17.28	19	5
15	256QAM	36	20	17.35	17.40	17.35		
15	256QAM	36	39	17.34	17.43	17.34		
15	256QAM	75	0	17.36	17.47	17.39		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.38	22.33	22.40	24	0
10	QPSK	1	25	22.20	22.28	22.19		
10	QPSK	1	49	22.22	22.23	22.23		
10	QPSK	25	0	21.29	21.46	21.40	23	1
10	QPSK	25	12	21.22	21.31	21.27		
10	QPSK	25	25	21.23	21.32	21.30		
10	QPSK	50	0	21.28	21.38	21.24		
10	16QAM	1	0	21.54	21.61	21.57	23	1
10	16QAM	1	25	21.45	21.56	21.45		
10	16QAM	1	49	21.56	21.60	21.50		
10	16QAM	25	0	20.35	20.48	20.41	22	2
10	16QAM	25	12	20.34	20.42	20.26		
10	16QAM	25	25	20.37	20.38	20.25		
10	16QAM	50	0	20.33	20.30	20.22		
10	64QAM	1	0	20.37	20.38	20.37	22	2
10	64QAM	1	25	20.28	20.33	20.36		
10	64QAM	1	49	20.24	20.28	20.27		
10	64QAM	25	0	19.39	19.37	19.36	21	3
10	64QAM	25	12	19.26	19.35	19.24		
10	64QAM	25	25	19.17	19.37	19.20		
10	64QAM	50	0	19.27	19.44	19.36		
10	256QAM	1	0	17.49	17.47	17.49	19	5
10	256QAM	1	25	17.33	17.46	17.32		
10	256QAM	1	49	17.47	17.46	17.30		
10	256QAM	25	0	17.31	17.39	17.36	19	5
10	256QAM	25	12	17.33	17.42	17.35		
10	256QAM	25	25	17.34	17.48	17.30		
10	256QAM	50	0	17.45	17.40	17.36		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.37	22.35	22.36	24	0
5	QPSK	1	12	22.16	22.34	22.21		
5	QPSK	1	24	22.21	22.28	22.19		
5	QPSK	12	0	21.31	21.41	21.29	23	1
5	QPSK	12	7	21.18	21.34	21.28		
5	QPSK	12	13	21.27	21.41	21.29		
5	QPSK	25	0	21.22	21.30	21.33		
5	16QAM	1	0	21.53	21.61	21.49	23	1
5	16QAM	1	12	21.48	21.61	21.47		
5	16QAM	1	24	21.57	21.60	21.47		
5	16QAM	12	0	20.37	20.44	20.40	22	2
5	16QAM	12	7	20.31	20.34	20.25		
5	16QAM	12	13	20.29	20.31	20.30		
5	16QAM	25	0	20.26	20.33	20.28		
5	64QAM	1	0	20.38	20.38	20.38	22	2
5	64QAM	1	12	20.29	20.41	20.30		
5	64QAM	1	24	20.18	20.27	20.28		
5	64QAM	12	0	19.37	19.37	19.28	21	3
5	64QAM	12	7	19.17	19.26	19.26		
5	64QAM	12	13	19.18	19.30	19.23		
5	64QAM	25	0	19.27	19.36	19.28		
5	256QAM	1	0	17.52	17.45	17.39	19	5
5	256QAM	1	12	17.24	17.46	17.35		
5	256QAM	1	24	17.40	17.51	17.37		
5	256QAM	12	0	17.32	17.35	17.27	19	5
5	256QAM	12	7	17.40	17.48	17.41		
5	256QAM	12	13	17.44	17.39	17.28		
5	256QAM	25	0	17.44	17.51	17.45		

GSM1900 Ant 1 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.18	29.46	29.52	30.50	20.18	20.46	20.52	21.50
GPRS 1 Tx slot	29.27	29.41	29.30	30.50	20.27	20.41	20.30	21.50
GPRS 2 Tx slots	27.27	27.38	27.21	28.50	21.27	21.38	21.21	22.50
GPRS 3 Tx slots	24.76	25.10	25.06	26.50	20.52	20.84	20.80	22.24
GPRS 4 Tx slots	23.41	23.57	23.59	24.50	20.41	20.57	20.59	21.50
EDGE 1 Tx slot	25.02	25.34	25.52	26.50	16.02	16.34	16.52	17.50
EDGE 2 Tx slots	22.58	22.89	22.87	24.00	16.58	16.89	16.87	18.00
EDGE 3 Tx slots	21.23	21.32	21.16	22.50	16.97	17.06	16.90	18.24
EDGE 4 Tx slots	18.68	19.00	18.95	20.00	15.68	16.00	15.95	17.00

WCDMA II Ant 1 Default

Band		WCDMA II			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Rx Channel		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.23	22.40	22.20	23.50
3GPP Rel 99	RMC 12.2Kbps	22.26	22.44	22.29	23.50
3GPP Rel 6	HSDPA Subtest-1	21.13	21.25	21.15	22.50
3GPP Rel 6	HSDPA Subtest-2	22.02	22.17	22.15	22.50
3GPP Rel 6	HSDPA Subtest-3	21.74	21.71	21.61	22.00
3GPP Rel 6	HSDPA Subtest-4	21.69	21.72	21.60	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	21.25	21.21	21.11	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.15	22.08	22.01	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.70	21.79	21.61	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.68	21.63	21.62	22.00
3GPP Rel 6	HSUPA Subtest-1	21.97	22.10	21.96	22.50
3GPP Rel 6	HSUPA Subtest-2	20.25	20.23	20.13	20.50
3GPP Rel 6	HSUPA Subtest-3	21.22	21.29	21.16	21.50
3GPP Rel 6	HSUPA Subtest-4	20.23	20.18	20.14	20.50
3GPP Rel 6	HSUPA Subtest-5	21.22	21.14	21.15	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.71	19.65	19.69	20.00

Band 2 Ant1 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.96	23.00	22.91	23.5	0
20	QPSK	1	49	22.76	22.80	22.72		
20	QPSK	1	99	22.75	22.84	22.81		
20	QPSK	50	0	21.69	21.81	21.77	23	0.5
20	QPSK	50	24	21.63	21.72	21.60		
20	QPSK	50	50	21.72	21.77	21.67		
20	QPSK	100	0	21.65	21.75	21.63		
20	16QAM	1	0	21.82	21.92	21.84	23	0.5
20	16QAM	1	49	21.76	21.86	21.75		
20	16QAM	1	99	21.82	21.87	21.74		
20	16QAM	50	0	20.77	20.85	20.74	22	1.5
20	16QAM	50	24	20.64	20.77	20.70		
20	16QAM	50	50	20.72	20.82	20.74		
20	16QAM	100	0	20.76	20.81	20.74		
20	64QAM	1	0	20.70	20.74	20.70	22	1.5
20	64QAM	1	49	20.50	20.62	20.58		
20	64QAM	1	99	20.64	20.71	20.61		
20	64QAM	50	0	19.69	19.80	19.77	21	2.5
20	64QAM	50	24	19.58	19.69	19.60		
20	64QAM	50	50	19.64	19.72	19.68		
20	64QAM	100	0	19.65	19.72	19.65		
20	256QAM	1	0	17.76	17.80	17.74	19	4.5
20	256QAM	1	49	17.70	17.76	17.70		
20	256QAM	1	99	17.64	17.70	17.66		
20	256QAM	50	0	17.76	17.84	17.74	19	4.5
20	256QAM	50	24	17.66	17.74	17.68		
20	256QAM	50	50	17.65	17.69	17.59		
20	256QAM	100	0	17.59	17.71	17.66		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.76	22.88	22.79	23.5	0
15	QPSK	1	37	22.65	22.74	22.61		
15	QPSK	1	74	22.63	22.71	22.77		
15	QPSK	36	0	21.59	21.68	21.68	23	0.5
15	QPSK	36	20	21.59	21.60	21.55		
15	QPSK	36	39	21.69	21.71	21.59		
15	QPSK	75	0	21.58	21.71	21.61		
15	16QAM	1	0	21.76	21.79	21.76	23	0.5
15	16QAM	1	37	21.64	21.77	21.69		
15	16QAM	1	74	21.78	21.80	21.65		
15	16QAM	36	0	20.73	20.79	20.67	22	1.5
15	16QAM	36	20	20.61	20.65	20.60		
15	16QAM	36	39	20.61	20.79	20.68		
15	16QAM	75	0	20.65	20.69	20.62		
15	64QAM	1	0	20.65	20.63	20.57	22	1.5
15	64QAM	1	37	20.65	20.57	20.55		
15	64QAM	1	74	20.59	20.62	20.57		
15	64QAM	36	0	19.56	19.78	19.67	21	2.5
15	64QAM	36	20	19.54	19.57	19.55		
15	64QAM	36	39	19.51	19.60	19.62		
15	64QAM	75	0	19.57	19.68	19.54		
15	256QAM	1	0	17.71	17.76	17.66	19	4.5
15	256QAM	1	37	17.64	17.73	17.57		
15	256QAM	1	74	17.56	17.56	17.57		
15	256QAM	36	0	17.73	17.75	17.63	19	4.5
15	256QAM	36	20	17.62	17.68	17.60		
15	256QAM	36	39	17.53	17.57	17.50		
15	256QAM	75	0	17.54	17.60	17.61		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.84	22.82	22.82	23.5	0
10	QPSK	1	25	22.70	22.74	22.66		
10	QPSK	1	49	22.64	22.70	22.69		
10	QPSK	25	0	21.66	21.70	21.68	23	0.5
10	QPSK	25	12	21.53	21.60	21.58		
10	QPSK	25	25	21.67	21.66	21.58		
10	QPSK	50	0	21.51	21.63	21.51		
10	16QAM	1	0	21.78	21.89	21.80	23	0.5
10	16QAM	1	25	21.69	21.72	21.70		
10	16QAM	1	49	21.79	21.75	21.68		
10	16QAM	25	0	20.73	20.78	20.65	22	1.5
10	16QAM	25	12	20.58	20.74	20.57		
10	16QAM	25	25	20.60	20.79	20.69		
10	16QAM	50	0	20.64	20.75	20.67		
10	64QAM	1	0	20.64	20.66	20.60	22	1.5
10	64QAM	1	25	20.73	20.50	20.54		
10	64QAM	1	49	20.58	20.67	20.52		
10	64QAM	25	0	19.62	19.70	19.65	21	2.5
10	64QAM	25	12	19.53	19.56	19.53		
10	64QAM	25	25	19.61	19.65	19.55		
10	64QAM	50	0	19.59	19.65	19.59		
10	256QAM	1	0	17.72	17.71	17.64	19	4.5
10	256QAM	1	25	17.61	17.64	17.59		
10	256QAM	1	49	17.51	17.58	17.63		
10	256QAM	25	0	17.68	17.79	17.69	19	4.5
10	256QAM	25	12	17.60	17.60	17.62		
10	256QAM	25	25	17.61	17.67	17.50		
10	256QAM	50	0	17.55	17.66	17.60		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.85	22.82	22.77	23.5	0
5	QPSK	1	12	22.63	22.68	22.60		
5	QPSK	1	24	22.65	22.73	22.76		
5	QPSK	12	0	21.65	21.75	21.75	23	0.5
5	QPSK	12	7	21.54	21.58	21.54		
5	QPSK	12	13	21.65	21.75	21.56		
5	QPSK	25	0	21.56	21.67	21.59		
5	16QAM	1	0	21.72	21.80	21.81	23	0.5
5	16QAM	1	12	21.71	21.72	21.67		
5	16QAM	1	24	21.80	21.79	21.61		
5	16QAM	12	0	20.64	20.74	20.61	22	1.5
5	16QAM	12	7	20.59	20.70	20.62		
5	16QAM	12	13	20.67	20.76	20.67		
5	16QAM	25	0	20.73	20.73	20.71		
5	64QAM	1	0	20.58	20.67	20.65	22	1.5
5	64QAM	1	12	20.66	20.58	20.50		
5	64QAM	1	24	20.63	20.67	20.55		
5	64QAM	12	0	19.62	19.74	19.63	21	2.5
5	64QAM	12	7	19.54	19.61	19.57		
5	64QAM	12	13	19.59	19.59	19.61		
5	64QAM	25	0	19.61	19.65	19.55		
5	256QAM	1	0	17.74	17.75	17.65	19	4.5
5	256QAM	1	12	17.63	17.66	17.63		
5	256QAM	1	24	17.61	17.68	17.59		
5	256QAM	12	0	17.62	17.80	17.66	19	4.5
5	256QAM	12	7	17.53	17.65	17.60		
5	256QAM	12	13	17.57	17.57	17.53		
5	256QAM	25	0	17.52	17.64	17.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.82	22.87	22.80	23.5	0
3	QPSK	1	8	22.64	22.75	22.62		
3	QPSK	1	14	22.66	22.73	22.75		
3	QPSK	8	0	21.66	21.76	21.63	23	0.5
3	QPSK	8	4	21.52	21.58	21.56		
3	QPSK	8	7	21.59	21.66	21.60		
3	QPSK	15	0	21.55	21.70	21.53		
3	16QAM	1	0	21.72	21.86	21.80	23	0.5
3	16QAM	1	8	21.63	21.75	21.64		
3	16QAM	1	14	21.73	21.77	21.69		
3	16QAM	8	0	20.75	20.80	20.72	22	1.5
3	16QAM	8	4	20.51	20.68	20.59		
3	16QAM	8	7	20.70	20.74	20.68		
3	16QAM	15	0	20.62	20.74	20.65		
3	64QAM	1	0	20.59	20.69	20.64	22	1.5
3	64QAM	1	8	20.65	20.54	20.51		
3	64QAM	1	14	20.59	20.62	20.54		
3	64QAM	8	0	19.58	19.73	19.64	21	2.5
3	64QAM	8	4	19.50	19.63	19.50		
3	64QAM	8	7	19.50	19.69	19.57		
3	64QAM	15	0	19.62	19.60	19.55		
3	256QAM	1	0	17.67	17.77	17.63	19	4.5
3	256QAM	1	8	17.65	17.71	17.63		
3	256QAM	1	14	17.61	17.63	17.63		
3	256QAM	8	0	17.71	17.81	17.68	19	4.5
3	256QAM	8	4	17.61	17.67	17.66		
3	256QAM	8	7	17.54	17.61	17.53		
3	256QAM	15	0	17.56	17.66	17.56		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.76	22.83	22.84	23.5	0
1.4	QPSK	1	3	22.70	22.70	22.60		
1.4	QPSK	1	5	22.69	22.79	22.68		
1.4	QPSK	3	0	22.79	22.86	22.84		
1.4	QPSK	3	1	22.63	22.74	22.64		
1.4	QPSK	3	3	22.67	22.73	22.72		
1.4	QPSK	6	0	21.56	21.74	21.65	23	0.5
1.4	16QAM	1	0	21.61	21.63	21.55	23	0.5
1.4	16QAM	1	3	21.60	21.75	21.56		
1.4	16QAM	1	5	21.58	21.72	21.51		
1.4	16QAM	3	0	21.61	21.67	21.71		
1.4	16QAM	3	1	21.52	21.68	21.51		
1.4	16QAM	3	3	21.59	21.64	21.56		
1.4	16QAM	6	0	20.59	20.64	20.52	22	1.5
1.4	64QAM	1	0	20.51	20.66	20.50	22	1.5
1.4	64QAM	1	3	20.56	20.60	20.59		
1.4	64QAM	1	5	20.51	20.63	20.52		
1.4	64QAM	3	0	20.56	20.68	20.57		
1.4	64QAM	3	1	20.50	20.63	20.53		
1.4	64QAM	3	3	20.59	20.66	20.58		
1.4	64QAM	6	0	19.55	19.59	19.60	21	2.5
1.4	256QAM	1	0	17.72	17.66	17.63	19	4.5
1.4	256QAM	1	3	17.59	17.71	17.61		
1.4	256QAM	1	5	17.52	17.58	17.60		
1.4	256QAM	3	0	17.65	17.82	17.65		
1.4	256QAM	3	1	17.64	17.67	17.58		
1.4	256QAM	3	3	17.59	17.57	17.52		
1.4	256QAM	6	0	17.51	17.64	17.57	19	4.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.19	21.31	21.18	22	0
20	QPSK	1	49	21.09	21.15	21.10		
20	QPSK	1	99	21.06	21.22	21.07		
20	QPSK	50	0	21.12	21.28	21.06	22	0
20	QPSK	50	24	21.05	21.03	21.03		
20	QPSK	50	50	21.03	21.15	20.96		
20	QPSK	100	0	21.15	21.23	21.15		
20	16QAM	1	0	21.06	21.20	21.10	22	0
20	16QAM	1	49	20.96	21.10	21.02		
20	16QAM	1	99	20.98	21.17	21.03		
20	16QAM	50	0	20.58	20.66	20.58	22	0
20	16QAM	50	24	20.56	20.63	20.50		
20	16QAM	50	50	20.60	20.66	20.60		
20	16QAM	100	0	20.55	20.67	20.57		
20	64QAM	1	0	20.82	20.93	20.81	22	0
20	64QAM	1	49	20.60	20.71	20.59		
20	64QAM	1	99	20.57	20.63	20.52		
20	64QAM	50	0	19.57	19.64	19.55	21	1
20	64QAM	50	24	19.44	19.52	19.44		
20	64QAM	50	50	19.43	19.53	19.45		
20	64QAM	100	0	19.42	19.54	19.45		
20	256QAM	1	0	17.62	17.70	17.61	19	3
20	256QAM	1	49	17.54	17.60	17.50		
20	256QAM	1	99	17.44	17.57	17.48		
20	256QAM	50	0	17.54	17.63	17.51	19	3
20	256QAM	50	24	17.43	17.48	17.43		
20	256QAM	50	50	17.41	17.54	17.49		
20	256QAM	100	0	17.41	17.54	17.48		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.13	21.24	21.12	22	0
15	QPSK	1	37	21.00	21.03	21.06		
15	QPSK	1	74	20.95	21.10	21.03		
15	QPSK	36	0	21.01	21.10	20.93	22	0
15	QPSK	36	20	20.95	20.96	20.93		
15	QPSK	36	39	20.98	21.02	20.88		
15	QPSK	75	0	21.05	21.13	21.10		
15	16QAM	1	0	20.95	21.09	21.00	22	0
15	16QAM	1	37	20.88	21.02	20.93		
15	16QAM	1	74	20.90	21.11	20.96		
15	16QAM	36	0	20.39	20.47	20.38	22	0
15	16QAM	36	20	20.37	20.43	20.32		
15	16QAM	36	39	20.38	20.41	20.40		
15	16QAM	75	0	20.35	20.48	20.35		
15	64QAM	1	0	20.61	20.69	20.55	22	0
15	64QAM	1	37	20.37	20.45	20.40		
15	64QAM	1	74	20.52	20.56	20.39		
15	64QAM	36	0	19.51	19.56	19.54	21	1
15	64QAM	36	20	19.40	19.54	19.46		
15	64QAM	36	39	19.36	19.47	19.36		
15	64QAM	75	0	19.41	19.47	19.38		
15	256QAM	1	0	17.44	17.56	17.47	19	3
15	256QAM	1	37	17.40	17.48	17.33		
15	256QAM	1	74	17.31	17.38	17.35		
15	256QAM	36	0	17.51	17.54	17.38	19	3
15	256QAM	36	20	17.40	17.46	17.35		
15	256QAM	36	39	17.38	17.51	17.42		
15	256QAM	75	0	17.34	17.40	17.43		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.16	21.18	21.08	22	0
10	QPSK	1	25	21.01	21.10	21.00		
10	QPSK	1	49	21.00	21.17	20.95		
10	QPSK	25	0	21.06	21.05	20.94	22	0
10	QPSK	25	12	20.93	20.98	20.94		
10	QPSK	25	25	20.97	21.00	20.91		
10	QPSK	50	0	21.06	21.12	21.06		
10	16QAM	1	0	21.03	21.09	21.00	22	0
10	16QAM	1	25	20.86	21.06	20.94		
10	16QAM	1	49	20.85	21.09	20.90		
10	16QAM	25	0	20.50	20.59	20.49	22	0
10	16QAM	25	12	20.44	20.58	20.43		
10	16QAM	25	25	20.55	20.58	20.51		
10	16QAM	50	0	20.46	20.55	20.50		
10	64QAM	1	0	20.78	20.83	20.76	22	0
10	64QAM	1	25	20.54	20.68	20.49		
10	64QAM	1	49	20.53	20.50	20.47		
10	64QAM	25	0	19.53	19.52	19.50	21	1
10	64QAM	25	12	19.31	19.45	19.40		
10	64QAM	25	25	19.36	19.44	19.33		
10	64QAM	50	0	19.38	19.42	19.32		
10	256QAM	1	0	17.54	17.58	17.53	19	3
10	256QAM	1	25	17.45	17.57	17.42		
10	256QAM	1	49	17.36	17.43	17.42		
10	256QAM	25	0	17.42	17.53	17.39	19	3
10	256QAM	25	12	17.31	17.36	17.31		
10	256QAM	25	25	17.34	17.45	17.46		
10	256QAM	50	0	17.39	17.48	17.34		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.10	21.24	21.14	22	0
5	QPSK	1	12	21.00	21.06	21.01		
5	QPSK	1	24	20.96	21.11	21.02		
5	QPSK	12	0	21.03	21.14	20.94	22	0
5	QPSK	12	7	20.95	20.96	20.93		
5	QPSK	12	13	20.95	21.10	20.86		
5	QPSK	25	0	21.11	21.17	21.05		
5	16QAM	1	0	21.00	21.14	21.03	22	0
5	16QAM	1	12	20.89	21.03	20.94		
5	16QAM	1	24	20.86	21.08	20.91		
5	16QAM	12	0	20.55	20.63	20.54	22	0
5	16QAM	12	7	20.50	20.59	20.41		
5	16QAM	12	13	20.57	20.54	20.50		
5	16QAM	25	0	20.45	20.56	20.49		
5	64QAM	1	0	20.75	20.83	20.71	22	0
5	64QAM	1	12	20.49	20.64	20.54		
5	64QAM	1	24	20.45	20.58	20.50		
5	64QAM	12	0	19.53	19.55	19.47	21	1
5	64QAM	12	7	19.31	19.40	19.40		
5	64QAM	12	13	19.39	19.42	19.34		
5	64QAM	25	0	19.33	19.49	19.38		
5	256QAM	1	0	17.59	17.65	17.54	19	3
5	256QAM	1	12	17.41	17.47	17.43		
5	256QAM	1	24	17.41	17.53	17.37		
5	256QAM	12	0	17.46	17.56	17.42	19	3
5	256QAM	12	7	17.30	17.41	17.35		
5	256QAM	12	13	17.38	17.42	17.43		
5	256QAM	25	0	17.34	17.51	17.43		

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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	23.06	23.12	22.99	24	0
20	QPSK	1	49	22.98	23.00	22.96		
20	QPSK	1	99	22.98	23.04	22.88		
20	QPSK	50	0	21.90	22.03	21.94	23	1
20	QPSK	50	24	21.82	21.91	21.82		
20	QPSK	50	50	21.89	21.93	21.96		
20	QPSK	100	0	21.83	21.91	21.85		
20	16QAM	1	0	21.96	22.00	21.93	23	1
20	16QAM	1	49	21.82	21.86	21.80		
20	16QAM	1	99	21.83	21.94	21.83		
20	16QAM	50	0	20.97	21.05	20.96	22	2
20	16QAM	50	24	20.80	20.90	20.83		
20	16QAM	50	50	20.76	20.93	20.83		
20	16QAM	100	0	20.90	20.95	20.90		
20	64QAM	1	0	21.03	21.12	20.91	22	2
20	64QAM	1	49	21.02	21.08	21.02		
20	64QAM	1	99	20.80	20.96	20.85		
20	64QAM	50	0	19.88	20.01	19.90	21	3
20	64QAM	50	24	19.89	19.93	19.86		
20	64QAM	50	50	19.82	19.99	19.85		
20	64QAM	100	0	19.91	19.88	19.81		
20	256QAM	1	0	17.93	18.05	18.00	19	5
20	256QAM	1	49	17.88	17.97	17.83		
20	256QAM	1	99	17.81	17.95	17.88		
20	256QAM	50	0	17.87	17.97	17.98	19	5
20	256QAM	50	24	17.79	17.95	17.87		
20	256QAM	50	50	17.85	17.93	17.87		
20	256QAM	100	0	17.80	17.85	17.77		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.61	22.63	22.54	24	0
15	QPSK	1	37	22.59	22.63	22.47		
15	QPSK	1	74	22.48	22.58	22.51		
15	QPSK	36	0	21.43	21.55	21.52	23	1
15	QPSK	36	20	21.49	21.51	21.43		
15	QPSK	36	39	21.51	21.59	21.56		
15	QPSK	75	0	21.43	21.55	21.47		
15	16QAM	1	0	21.54	21.61	21.54	23	1
15	16QAM	1	37	21.38	21.47	21.39		
15	16QAM	1	74	21.38	21.50	21.48		
15	16QAM	36	0	20.53	20.55	20.53	22	2
15	16QAM	36	20	20.37	20.49	20.39		
15	16QAM	36	39	20.32	20.52	20.33		
15	16QAM	75	0	20.43	20.49	20.41		
15	64QAM	1	0	20.59	20.64	20.55	22	2
15	64QAM	1	37	20.57	20.65	20.58		
15	64QAM	1	74	20.41	20.54	20.38		
15	64QAM	36	0	19.42	19.60	19.57	21	3
15	64QAM	36	20	19.47	19.53	19.49		
15	64QAM	36	39	19.46	19.51	19.36		
15	64QAM	75	0	19.50	19.54	19.34		
15	256QAM	1	0	17.45	17.62	17.53	19	5
15	256QAM	1	37	17.47	17.55	17.44		
15	256QAM	1	74	17.34	17.49	17.41		
15	256QAM	36	0	17.48	17.49	17.51	19	5
15	256QAM	36	20	17.43	17.53	17.43		
15	256QAM	36	39	17.40	17.44	17.45		
15	256QAM	75	0	17.34	17.41	17.38		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.70	22.74	22.55	24	0
10	QPSK	1	25	22.61	22.62	22.50		
10	QPSK	1	49	22.56	22.60	22.52		
10	QPSK	25	0	21.39	21.55	21.52	23	1
10	QPSK	25	12	21.42	21.50	21.34		
10	QPSK	25	25	21.48	21.51	21.51		
10	QPSK	50	0	21.37	21.46	21.41		
10	16QAM	1	0	21.57	21.63	21.57	23	1
10	16QAM	1	25	21.36	21.42	21.29		
10	16QAM	1	49	21.38	21.55	21.46		
10	16QAM	25	0	20.59	20.53	20.51	22	2
10	16QAM	25	12	20.44	20.50	20.34		
10	16QAM	25	25	20.37	20.52	20.33		
10	16QAM	50	0	20.53	20.50	20.43		
10	64QAM	1	0	20.56	20.65	20.57	22	2
10	64QAM	1	25	20.56	20.60	20.51		
10	64QAM	1	49	20.37	20.51	20.39		
10	64QAM	25	0	19.50	19.58	19.52	21	3
10	64QAM	25	12	19.50	19.47	19.45		
10	64QAM	25	25	19.37	19.55	19.45		
10	64QAM	50	0	19.48	19.50	19.38		
10	256QAM	1	0	17.45	17.58	17.61	19	5
10	256QAM	1	25	17.41	17.51	17.43		
10	256QAM	1	49	17.39	17.43	17.47		
10	256QAM	25	0	17.47	17.58	17.58	19	5
10	256QAM	25	12	17.38	17.55	17.45		
10	256QAM	25	25	17.42	17.50	17.43		
10	256QAM	50	0	17.37	17.42	17.40		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.63	22.67	22.62	24	0
5	QPSK	1	12	22.52	22.60	22.49		
5	QPSK	1	24	22.48	22.61	22.48		
5	QPSK	12	0	21.50	21.52	21.57	23	1
5	QPSK	12	7	21.40	21.48	21.39		
5	QPSK	12	13	21.46	21.50	21.56		
5	QPSK	25	0	21.38	21.55	21.45		
5	16QAM	1	0	21.61	21.55	21.52	23	1
5	16QAM	1	12	21.37	21.39	21.32		
5	16QAM	1	24	21.41	21.50	21.48		
5	16QAM	12	0	20.55	20.55	20.50	22	2
5	16QAM	12	7	20.35	20.49	20.32		
5	16QAM	12	13	20.32	20.43	20.43		
5	16QAM	25	0	20.53	20.49	20.38		
5	64QAM	1	0	20.53	20.63	20.48	22	2
5	64QAM	1	12	20.59	20.70	20.60		
5	64QAM	1	24	20.45	20.51	20.47		
5	64QAM	12	0	19.48	19.60	19.55	21	3
5	64QAM	12	7	19.49	19.56	19.41		
5	64QAM	12	13	19.41	19.54	19.45		
5	64QAM	25	0	19.50	19.44	19.37		
5	256QAM	1	0	17.46	17.60	17.51	19	5
5	256QAM	1	12	17.44	17.44	17.46		
5	256QAM	1	24	17.41	17.46	17.40		
5	256QAM	12	0	17.43	17.52	17.57	19	5
5	256QAM	12	7	17.37	17.56	17.45		
5	256QAM	12	13	17.41	17.46	17.39		
5	256QAM	25	0	17.35	17.40	17.41		

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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	23.04	23.01	23.14	23.07	22.94	24	0
20	QPSK	1	49	22.97	23.07	23.07	23.07	23.02		
20	QPSK	1	99	23.03	23.04	23.09	23.05	23.04		
20	QPSK	50	0	22.14	22.09	22.18	22.09	22.14	23	1
20	QPSK	50	24	22.05	22.00	22.17	22.02	22.05		
20	QPSK	50	50	22.09	22.01	22.13	21.96	21.96		
20	QPSK	100	0	22.00	22.04	22.13	21.98	22.07		
20	16QAM	1	0	22.16	22.03	22.16	22.07	22.19	23	1
20	16QAM	1	49	22.01	22.03	22.06	22.04	22.03		
20	16QAM	1	99	21.93	21.94	22.00	21.96	21.98		
20	16QAM	50	0	21.08	21.13	21.17	21.13	21.08	22	2
20	16QAM	50	24	21.01	20.94	21.09	21.02	20.98		
20	16QAM	50	50	21.01	20.94	21.08	21.01	20.98		
20	16QAM	100	0	20.97	21.03	21.10	20.95	20.99		
20	64QAM	1	0	21.27	21.35	21.38	21.32	21.27	22	2
20	64QAM	1	49	21.02	21.03	21.14	21.02	21.01		
20	64QAM	1	99	21.03	21.09	21.12	21.00	21.06		
20	64QAM	50	0	20.18	20.16	20.13	20.11	20.07	21	3
20	64QAM	50	24	19.96	19.99	20.03	20.02	19.91		
20	64QAM	50	50	20.09	20.07	20.10	19.99	20.00		
20	64QAM	100	0	19.94	19.98	20.04	20.00	19.96		
20	256QAM	1	0	18.00	17.95	18.08	18.04	18.10	19	5
20	256QAM	1	49	17.95	17.96	17.98	17.91	17.87		
20	256QAM	1	99	17.85	17.93	18.00	17.92	17.96		
20	256QAM	50	0	18.09	18.07	18.10	18.07	18.07	19	5
20	256QAM	50	24	17.91	17.85	18.04	17.89	17.88		
20	256QAM	50	50	17.97	17.92	18.01	17.80	17.96		
20	256QAM	100	0	17.95	17.92	18.01	17.96	17.91		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.52	22.48	22.75	22.47	22.52	24	0
15	QPSK	1	37	22.43	22.53	22.60	22.56	22.48		
15	QPSK	1	74	22.58	22.59	22.64	22.56	22.52		
15	QPSK	36	0	21.57	21.61	21.66	21.59	21.63	23	1
15	QPSK	36	20	21.54	21.45	21.55	21.54	21.55		
15	QPSK	36	39	21.53	21.42	21.56	21.44	21.41		
15	QPSK	75	0	21.51	21.58	21.62	21.44	21.53		
15	16QAM	1	0	21.55	21.58	21.68	21.49	21.63	23	1
15	16QAM	1	37	21.43	21.49	21.52	21.46	21.48		
15	16QAM	1	74	21.36	21.48	21.52	21.48	21.50		
15	16QAM	36	0	20.61	20.56	20.61	20.63	20.52	22	2
15	16QAM	36	20	20.46	20.41	20.52	20.43	20.50		
15	16QAM	36	39	20.56	20.42	20.57	20.52	20.48		
15	16QAM	75	0	20.40	20.58	20.60	20.44	20.51		
15	64QAM	1	0	20.73	20.76	20.77	20.77	20.80	22	2
15	64QAM	1	37	20.44	20.44	20.61	20.49	20.44		
15	64QAM	1	74	20.57	20.58	20.63	20.52	20.58		
15	64QAM	36	0	19.57	19.64	19.68	19.53	19.51	21	3
15	64QAM	36	20	19.42	19.47	19.55	19.49	19.39		
15	64QAM	36	39	19.49	19.51	19.56	19.50	19.40		
15	64QAM	75	0	19.40	19.41	19.58	19.42	19.46		
15	256QAM	1	0	17.43	17.42	17.54	17.43	17.54	19	5
15	256QAM	1	37	17.46	17.42	17.53	17.37	17.39		
15	256QAM	1	74	17.35	17.45	17.54	17.43	17.47		
15	256QAM	36	0	17.51	17.60	17.61	17.58	17.45	19	5
15	256QAM	36	20	17.34	17.32	17.49	17.37	17.32		
15	256QAM	36	39	17.38	17.31	17.40	17.26	17.44		
15	256QAM	75	0	17.48	17.37	17.50	17.36	17.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.49	22.52	22.74	22.54	22.44	24	0
10	QPSK	1	25	22.46	22.53	22.63	22.57	22.56		
10	QPSK	1	49	22.56	22.58	22.65	22.51	22.57		
10	QPSK	25	0	21.64	21.57	21.62	21.49	21.55	23	1
10	QPSK	25	12	21.54	21.43	21.59	21.53	21.46		
10	QPSK	25	25	21.55	21.42	21.52	21.43	21.42		
10	QPSK	50	0	21.51	21.59	21.59	21.49	21.59		
10	16QAM	1	0	21.62	21.56	21.66	21.53	21.64	23	1
10	16QAM	1	25	21.40	21.44	21.53	21.54	21.45		
10	16QAM	1	49	21.41	21.49	21.53	21.49	21.44		
10	16QAM	25	0	20.64	20.55	20.62	20.58	20.48	22	2
10	16QAM	25	12	20.46	20.41	20.59	20.40	20.52		
10	16QAM	25	25	20.47	20.37	20.53	20.47	20.46		
10	16QAM	50	0	20.39	20.50	20.54	20.49	20.49		
10	64QAM	1	0	20.76	20.79	20.83	20.77	20.77	22	2
10	64QAM	1	25	20.41	20.47	20.58	20.49	20.43		
10	64QAM	1	49	20.52	20.56	20.57	20.47	20.61		
10	64QAM	25	0	19.58	19.56	19.67	19.59	19.53	21	3
10	64QAM	25	12	19.45	19.47	19.46	19.45	19.32		
10	64QAM	25	25	19.51	19.49	19.58	19.45	19.45		
10	64QAM	50	0	19.43	19.43	19.53	19.38	19.40		
10	256QAM	1	0	17.50	17.46	17.55	17.51	17.56	19	5
10	256QAM	1	25	17.41	17.44	17.48	17.41	17.31		
10	256QAM	1	49	17.41	17.41	17.46	17.36	17.42		
10	256QAM	25	0	17.48	17.59	17.54	17.51	17.53	19	5
10	256QAM	25	12	17.40	17.35	17.47	17.29	17.40		
10	256QAM	25	25	17.40	17.38	17.41	17.35	17.38		
10	256QAM	50	0	17.49	17.38	17.53	17.41	17.41		
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	22.55	22.49	22.71	22.56	22.47	24	0
5	QPSK	1	12	22.49	22.45	22.61	22.53	22.49		
5	QPSK	1	24	22.56	22.53	22.57	22.46	22.49		
5	QPSK	12	0	21.53	21.58	21.62	21.60	21.59	23	1
5	QPSK	12	7	21.52	21.48	21.58	21.54	21.54		
5	QPSK	12	13	21.51	21.49	21.57	21.53	21.45		
5	QPSK	25	0	21.51	21.54	21.58	21.43	21.51		
5	16QAM	1	0	21.58	21.48	21.64	21.55	21.67	23	1
5	16QAM	1	12	21.43	21.49	21.62	21.47	21.52		
5	16QAM	1	24	21.38	21.42	21.51	21.41	21.53		
5	16QAM	12	0	20.59	20.62	20.64	20.63	20.52	22	2
5	16QAM	12	7	20.43	20.40	20.62	20.44	20.45		
5	16QAM	12	13	20.45	20.42	20.62	20.50	20.42		
5	16QAM	25	0	20.48	20.47	20.62	20.46	20.52		
5	64QAM	1	0	20.73	20.84	20.88	20.80	20.78	22	2
5	64QAM	1	12	20.50	20.52	20.55	20.47	20.53		
5	64QAM	1	24	20.57	20.48	20.63	20.47	20.61		
5	64QAM	12	0	19.66	19.62	19.64	19.54	19.53	21	3
5	64QAM	12	7	19.43	19.50	19.49	19.44	19.39		
5	64QAM	12	13	19.56	19.49	19.64	19.43	19.52		
5	64QAM	25	0	19.39	19.41	19.52	19.41	19.43		
5	256QAM	1	0	17.53	17.51	17.59	17.51	17.59	19	5
5	256QAM	1	12	17.45	17.44	17.47	17.35	17.38		
5	256QAM	1	24	17.33	17.41	17.45	17.39	17.39		
5	256QAM	12	0	17.55	17.52	17.59	17.55	17.54	19	5
5	256QAM	12	7	17.35	17.38	17.52	17.36	17.38		
5	256QAM	12	13	17.40	17.41	17.43	17.32	17.38		
5	256QAM	25	0	17.40	17.46	17.48	17.43	17.43		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.33	25.25	25.51	25.23	25.20	26.2	0
20	QPSK	1	49	25.35	25.23	25.29	25.23	25.27		
20	QPSK	1	99	25.32	25.31	25.46	25.30	25.42		
20	QPSK	50	0	24.97	24.91	25.01	24.96	24.94	26	0.2
20	QPSK	50	24	24.93	24.83	24.98	24.84	24.90		
20	QPSK	50	50	24.85	24.85	24.93	24.91	24.90		
20	QPSK	100	0	25.05	25.01	25.09	24.97	25.03		
20	16QAM	1	0	25.25	25.17	25.34	25.26	25.28	26	0.2
20	16QAM	1	49	24.85	24.91	24.98	24.78	24.89		
20	16QAM	1	99	24.91	24.96	24.97	24.84	24.88		
20	16QAM	50	0	23.89	23.87	24.00	24.04	23.90	25	1.2
20	16QAM	50	24	23.77	23.80	23.88	23.81	23.74		
20	16QAM	50	50	23.74	23.81	23.91	23.73	23.79		
20	16QAM	100	0	23.93	23.93	23.91	23.87	23.93		
20	64QAM	1	0	24.43	24.30	24.42	24.40	24.34	25	1.2
20	64QAM	1	49	23.88	23.92	23.97	23.83	23.90		
20	64QAM	1	99	23.96	23.94	24.01	23.89	23.85		
20	64QAM	50	0	22.93	22.92	23.06	22.98	22.89	24	2.2
20	64QAM	50	24	22.85	22.98	22.96	22.93	22.81		
20	64QAM	50	50	22.86	22.77	22.94	22.84	22.83		
20	64QAM	100	0	22.85	22.92	23.01	22.94	22.85		
20	256QAM	1	0	21.09	21.04	21.20	21.08	21.17	22	4.2
20	256QAM	1	49	21.09	21.07	21.09	21.06	21.06		
20	256QAM	1	99	21.06	21.02	21.07	21.07	21.02		
20	256QAM	50	0	20.98	20.98	21.04	21.00	20.97	22	4.2
20	256QAM	50	24	21.06	20.98	21.09	21.08	21.00		
20	256QAM	50	50	21.11	21.06	21.13	21.08	21.09		
20	256QAM	100	0	21.07	21.04	21.11	20.99	21.06		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.27	25.20	25.44	25.16	25.09	26	0
15	QPSK	1	37	25.31	25.18	25.22	25.18	25.15		
15	QPSK	1	74	25.25	25.20	25.41	25.23	25.38		
15	QPSK	36	0	24.49	24.45	24.56	24.54	24.48	26	0.2
15	QPSK	36	20	24.44	24.41	24.54	24.44	24.56		
15	QPSK	36	39	24.40	24.44	24.44	24.52	24.50		
15	QPSK	75	0	24.58	24.59	24.59	24.55	24.55		
15	16QAM	1	0	24.83	24.70	24.84	24.81	24.86	26	0.2
15	16QAM	1	37	24.38	24.51	24.47	24.41	24.43		
15	16QAM	1	74	24.47	24.50	24.60	24.41	24.46		
15	16QAM	36	0	23.55	23.49	23.56	23.50	23.49	25	1.2
15	16QAM	36	20	23.36	23.37	23.42	23.34	23.31		
15	16QAM	36	39	23.37	23.34	23.45	23.31	23.41		
15	16QAM	75	0	23.47	23.51	23.58	23.44	23.48		
15	64QAM	1	0	24.00	23.88	24.02	23.96	23.88	25	1.2
15	64QAM	1	37	23.51	23.40	23.49	23.39	23.51		
15	64QAM	1	74	23.51	23.47	23.53	23.46	23.39		
15	64QAM	36	0	22.42	22.47	22.64	22.52	22.41	24	2.2
15	64QAM	36	20	22.41	22.51	22.61	22.45	22.41		
15	64QAM	36	39	22.39	22.29	22.51	22.48	22.46		
15	64QAM	75	0	22.47	22.44	22.56	22.56	22.41		
15	256QAM	1	0	20.62	20.64	20.73	20.64	20.70	22	4.2
15	256QAM	1	37	20.62	20.65	20.69	20.63	20.60		
15	256QAM	1	74	20.65	20.51	20.66	20.65	20.60		
15	256QAM	36	0	20.59	20.64	20.64	20.54	20.53	22	4.2
15	256QAM	36	20	20.65	20.57	20.74	20.62	20.56		
15	256QAM	36	39	20.67	20.66	20.67	20.59	20.65		
15	256QAM	75	0	20.59	20.61	20.58	20.48	20.60		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.28	25.22	25.45	25.11	25.11	26	0
10	QPSK	1	25	25.26	25.15	25.26	25.15	25.15		
10	QPSK	1	49	25.23	25.19	25.41	25.24	25.34		
10	QPSK	25	0	24.60	24.42	24.57	24.48	24.54	26	0.2
10	QPSK	25	12	24.50	24.46	24.58	24.47	24.52		
10	QPSK	25	25	24.37	24.41	24.47	24.41	24.48		
10	QPSK	50	0	24.60	24.60	24.59	24.51	24.58		
10	16QAM	1	0	24.84	24.73	24.88	24.85	24.83	26	0.2
10	16QAM	1	25	24.37	24.52	24.56	24.33	24.48		
10	16QAM	1	49	24.49	24.55	24.58	24.38	24.46		
10	16QAM	25	0	23.47	23.51	23.63	23.61	23.51	25	1.2
10	16QAM	25	12	23.36	23.28	23.47	23.36	23.40		
10	16QAM	25	25	23.40	23.37	23.43	23.34	23.42		
10	16QAM	50	0	23.41	23.47	23.52	23.48	23.52		
10	64QAM	1	0	23.95	23.94	23.99	23.95	23.96	25	1.2
10	64QAM	1	25	23.52	23.45	23.57	23.36	23.43		
10	64QAM	1	49	23.47	23.53	23.50	23.45	23.47		
10	64QAM	25	0	22.48	22.43	22.61	22.57	22.46	24	2.2
10	64QAM	25	12	22.39	22.48	22.52	22.44	22.44		
10	64QAM	25	25	22.39	22.34	22.53	22.38	22.43		
10	64QAM	50	0	22.46	22.49	22.61	22.51	22.44		
10	256QAM	1	0	20.57	20.70	20.75	20.60	20.72	22	4.2
10	256QAM	1	25	20.70	20.66	20.77	20.67	20.62		
10	256QAM	1	49	20.66	20.56	20.62	20.64	20.60		
10	256QAM	25	0	20.57	20.63	20.62	20.57	20.55	22	4.2
10	256QAM	25	12	20.66	20.61	20.70	20.56	20.63		
10	256QAM	25	25	20.63	20.66	20.73	20.61	20.64		
10	256QAM	50	0	20.56	20.55	20.67	20.56	20.65		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.28	25.16	25.40	25.10	25.09	26	0
5	QPSK	1	12	25.27	25.11	25.23	25.20	25.15		
5	QPSK	1	24	25.28	25.26	25.37	25.21	25.38		
5	QPSK	12	0	24.49	24.52	24.55	24.55	24.56	26	0.2
5	QPSK	12	7	24.52	24.41	24.50	24.46	24.51		
5	QPSK	12	13	24.36	24.38	24.53	24.48	24.51		
5	QPSK	25	0	24.62	24.60	24.63	24.46	24.61		
5	16QAM	1	0	24.83	24.71	24.86	24.89	24.80	26	0.2
5	16QAM	1	12	24.47	24.51	24.46	24.32	24.45		
5	16QAM	1	24	24.49	24.53	24.54	24.42	24.45		
5	16QAM	12	0	23.51	23.53	23.61	23.59	23.51	25	1.2
5	16QAM	12	7	23.32	23.31	23.43	23.32	23.37		
5	16QAM	12	13	23.40	23.44	23.49	23.32	23.34		
5	16QAM	25	0	23.49	23.44	23.58	23.45	23.47		
5	64QAM	1	0	24.02	23.96	23.99	24.01	23.88	25	1.2
5	64QAM	1	12	23.51	23.48	23.54	23.39	23.46		
5	64QAM	1	24	23.49	23.52	23.59	23.48	23.44		
5	64QAM	12	0	22.42	22.52	22.60	22.59	22.41	24	2.2
5	64QAM	12	7	22.39	22.52	22.50	22.47	22.41		
5	64QAM	12	13	22.44	22.37	22.47	22.47	22.46		
5	64QAM	25	0	22.41	22.41	22.62	22.49	22.43		
5	256QAM	1	0	20.65	20.61	20.75	20.59	20.76	22	4.2
5	256QAM	1	12	20.73	20.67	20.68	20.67	20.57		
5	256QAM	1	24	20.58	20.53	20.67	20.63	20.58		
5	256QAM	12	0	20.61	20.63	20.57	20.56	20.52	22	4.2
5	256QAM	12	7	20.59	20.57	20.71	20.60	20.52		
5	256QAM	12	13	20.60	20.61	20.75	20.69	20.65		
5	256QAM	25	0	20.57	20.64	20.61	20.51	20.60		

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BW [MHz]	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	20.23	20.38	20.29	22	0
20	QPSK	1	49	20.05	20.20	20.10		
20	QPSK	1	99	20.07	20.19	20.08		
20	QPSK	50	0	20.11	20.33	20.21	22	0
20	QPSK	50	24	20.14	20.32	20.17		
20	QPSK	50	50	20.16	20.30	20.26		
20	QPSK	100	0	20.19	20.25	20.20		
20	16QAM	1	0	20.19	20.34	20.22	22	0
20	16QAM	1	49	20.14	20.14	20.17		
20	16QAM	1	99	20.03	20.10	20.19		
20	16QAM	50	0	20.13	20.32	20.17	22	0
20	16QAM	50	24	20.18	20.12	20.03		
20	16QAM	50	50	20.20	20.16	20.01		
20	16QAM	100	0	20.19	20.30	20.25		
20	64QAM	1	0	20.15	20.25	20.18	22	0
20	64QAM	1	49	20.02	20.12	20.04		
20	64QAM	1	99	20.21	20.15	20.19		
20	64QAM	50	0	19.98	20.03	19.95	21	1
20	64QAM	50	24	19.85	19.95	19.92		
20	64QAM	50	50	19.78	19.91	19.83		
20	64QAM	100	0	19.83	19.94	19.90		
20	256QAM	1	0	17.92	18.05	17.93	19	3
20	256QAM	1	49	17.98	18.00	17.94		
20	256QAM	1	99	17.91	17.98	17.91		
20	256QAM	50	0	17.98	18.05	18.02	19	3
20	256QAM	50	24	17.84	17.97	17.91		
20	256QAM	50	50	17.89	17.95	17.85		
20	256QAM	100	0	17.78	17.91	17.84		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.10	20.34	20.18	22	0
15	QPSK	1	37	20.13	20.16	20.16		
15	QPSK	1	74	20.00	20.10	20.15		
15	QPSK	36	0	20.03	20.30	20.08	22	0
15	QPSK	36	20	20.05	20.26	20.08		
15	QPSK	36	39	20.06	20.23	20.21		
15	QPSK	75	0	20.10	20.17	20.12		
15	16QAM	1	0	20.14	20.26	20.16	22	0
15	16QAM	1	37	20.11	20.05	20.05		
15	16QAM	1	74	20.09	20.01	20.09		
15	16QAM	36	0	20.00	20.21	20.13	22	0
15	16QAM	36	20	20.07	20.04	20.05		
15	16QAM	36	39	20.05	20.04	20.11		
15	16QAM	75	0	20.09	20.19	20.17		
15	64QAM	1	0	20.11	20.18	20.13	22	0
15	64QAM	1	37	20.08	20.03	20.12		
15	64QAM	1	74	20.04	20.08	20.13		
15	64QAM	36	0	19.94	20.00	19.93	21	1
15	64QAM	36	20	19.75	19.86	19.79		
15	64QAM	36	39	19.75	19.89	19.77		
15	64QAM	75	0	19.76	19.83	19.85		
15	256QAM	1	0	17.87	18.02	17.88	19	3
15	256QAM	1	37	17.89	17.87	17.87		
15	256QAM	1	74	17.82	17.95	17.77		
15	256QAM	36	0	17.84	17.97	17.92	19	3
15	256QAM	36	20	17.73	17.92	17.84		
15	256QAM	36	39	17.82	17.91	17.78		
15	256QAM	75	0	17.70	17.78	17.80		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.17	20.27	20.24	22	0
10	QPSK	1	25	20.01	20.11	20.02		
10	QPSK	1	49	20.11	20.09	20.02		
10	QPSK	25	0	20.05	20.22	20.11	22	0
10	QPSK	25	12	20.08	20.20	20.14		
10	QPSK	25	25	20.11	20.19	20.15		
10	QPSK	50	0	20.12	20.21	20.08		
10	16QAM	1	0	20.14	20.26	20.10	22	0
10	16QAM	1	25	20.10	20.01	20.08		
10	16QAM	1	49	20.13	20.03	20.05		
10	16QAM	25	0	20.03	20.22	20.07	22	0
10	16QAM	25	12	20.07	20.07	20.12		
10	16QAM	25	25	20.12	20.06	20.05		
10	16QAM	50	0	20.13	20.17	20.14		
10	64QAM	1	0	20.06	20.22	20.09	22	0
10	64QAM	1	25	20.10	20.03	20.00		
10	64QAM	1	49	20.05	20.03	20.12		
10	64QAM	25	0	19.90	19.98	19.85	21	1
10	64QAM	25	12	19.76	19.92	19.86		
10	64QAM	25	25	19.69	19.77	19.80		
10	64QAM	50	0	19.80	19.84	19.80		
10	256QAM	1	0	17.82	17.93	17.89	19	3
10	256QAM	1	25	17.95	17.94	17.86		
10	256QAM	1	49	17.88	17.84	17.85		
10	256QAM	25	0	17.91	17.92	17.99	19	3
10	256QAM	25	12	17.81	17.85	17.86		
10	256QAM	25	25	17.87	17.88	17.77		
10	256QAM	50	0	17.71	17.89	17.72		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.12	20.31	20.24	22	0
5	QPSK	1	12	20.11	20.14	20.05		
5	QPSK	1	24	20.00	20.08	20.03		
5	QPSK	12	0	20.03	20.24	20.18	22	0
5	QPSK	12	7	20.04	20.28	20.09		
5	QPSK	12	13	20.10	20.23	20.21		
5	QPSK	25	0	20.07	20.21	20.07		
5	16QAM	1	0	20.11	20.24	20.10	22	0
5	16QAM	1	12	20.10	20.05	20.04		
5	16QAM	1	24	20.09	20.05	20.10		
5	16QAM	12	0	20.03	20.28	20.10	22	0
5	16QAM	12	7	20.08	20.00	20.11		
5	16QAM	12	13	20.10	20.10	20.12		
5	16QAM	25	0	20.08	20.23	20.13		
5	64QAM	1	0	20.04	20.21	20.11	22	0
5	64QAM	1	12	20.12	20.09	20.10		
5	64QAM	1	24	20.05	20.11	20.13		
5	64QAM	12	0	19.86	20.00	19.90	21	1
5	64QAM	12	7	19.75	19.90	19.82		
5	64QAM	12	13	19.69	19.82	19.71		
5	64QAM	25	0	19.75	19.90	19.82		
5	256QAM	1	0	17.83	17.93	17.84	19	3
5	256QAM	1	12	17.88	17.92	17.82		
5	256QAM	1	24	17.85	17.89	17.80		
5	256QAM	12	0	17.85	17.93	17.95	19	3
5	256QAM	12	7	17.79	17.91	17.88		
5	256QAM	12	13	17.81	17.88	17.79		
5	256QAM	25	0	17.65	17.80	17.75		

Band 2 Ant4 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.52	19.65	19.51	21	0
20	QPSK	1	49	19.40	19.45	19.35		
20	QPSK	1	99	19.55	19.61	19.48		
20	QPSK	50	0	19.43	19.59	19.44	21	0
20	QPSK	50	24	19.30	19.33	19.29		
20	QPSK	50	50	19.43	19.55	19.44		
20	QPSK	100	0	19.40	19.55	19.47		
20	16QAM	1	0	19.33	19.33	19.24	21	0
20	16QAM	1	49	19.50	19.56	19.41		
20	16QAM	1	99	19.41	19.59	19.41		
20	16QAM	50	0	19.29	19.36	19.23	20.5	0.5
20	16QAM	50	24	19.46	19.54	19.40		
20	16QAM	50	50	19.47	19.53	19.46		
20	16QAM	100	0	19.41	19.50	19.46		
20	64QAM	1	0	19.55	19.51	19.51	20.5	0.5
20	64QAM	1	49	19.37	19.50	19.44		
20	64QAM	1	99	19.37	19.47	19.34		
20	64QAM	50	0	18.42	18.53	18.39	19.5	1.5
20	64QAM	50	24	18.44	18.47	18.39		
20	64QAM	50	50	18.35	18.48	18.38		
20	64QAM	100	0	18.34	18.42	18.28		
20	256QAM	1	0	16.50	16.59	16.46	17.5	3.5
20	256QAM	1	49	16.40	16.45	16.38		
20	256QAM	1	99	16.37	16.46	16.35		
20	256QAM	50	0	16.52	16.65	16.59	17.5	3.5
20	256QAM	50	24	16.36	16.48	16.41		
20	256QAM	50	50	16.37	16.50	16.47		
20	256QAM	100	0	16.47	16.50	16.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.42	19.52	19.46	21	0
15	QPSK	1	37	19.32	19.36	19.28		
15	QPSK	1	74	19.50	19.57	19.40		
15	QPSK	36	0	19.36	19.49	19.36	21	0
15	QPSK	36	20	19.27	19.28	19.24		
15	QPSK	36	39	19.30	19.51	19.36		
15	QPSK	75	0	19.33	19.48	19.35		
15	16QAM	1	0	19.23	19.21	19.15	21	0
15	16QAM	1	37	19.44	19.51	19.37		
15	16QAM	1	74	19.33	19.48	19.31		
15	16QAM	36	0	19.45	19.46	19.42	20.5	0.5
15	16QAM	36	20	19.41	19.39	19.33		
15	16QAM	36	39	19.39	19.42	19.39		
15	16QAM	75	0	19.28	19.42	19.33		
15	64QAM	1	0	19.48	19.56	19.49	20.5	0.5
15	64QAM	1	37	19.23	19.39	19.36		
15	64QAM	1	74	19.30	19.36	19.28		
15	64QAM	36	0	18.36	18.50	18.35	19.5	1.5
15	64QAM	36	20	18.39	18.41	18.31		
15	64QAM	36	39	18.30	18.38	18.33		
15	64QAM	75	0	18.29	18.40	18.18		
15	256QAM	1	0	16.37	16.46	16.35	17.5	3.5
15	256QAM	1	37	16.36	16.38	16.28		
15	256QAM	1	74	16.27	16.34	16.33		
15	256QAM	36	0	16.40	16.52	16.45	17.5	3.5
15	256QAM	36	20	16.24	16.35	16.35		
15	256QAM	36	39	16.33	16.43	16.36		
15	256QAM	75	0	16.43	16.36	16.30		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.42	19.57	19.42	21	0
10	QPSK	1	25	19.30	19.33	19.32		
10	QPSK	1	49	19.50	19.54	19.43		
10	QPSK	25	0	19.37	19.50	19.35	21	0
10	QPSK	25	12	19.20	19.26	19.19		
10	QPSK	25	25	19.39	19.43	19.33		
10	QPSK	50	0	19.33	19.48	19.40		
10	16QAM	1	0	19.21	19.29	19.15	21	0
10	16QAM	1	25	19.46	19.52	19.31		
10	16QAM	1	49	19.29	19.56	19.29		
10	16QAM	25	0	19.46	19.48	19.39	20.5	0.5
10	16QAM	25	12	19.33	19.49	19.31		
10	16QAM	25	25	19.34	19.41	19.42		
10	16QAM	50	0	19.32	19.47	19.33		
10	64QAM	1	0	19.50	19.60	19.38	20.5	0.5
10	64QAM	1	25	19.28	19.47	19.39		
10	64QAM	1	49	19.27	19.33	19.24		
10	64QAM	25	0	18.32	18.47	18.32	19.5	1.5
10	64QAM	25	12	18.41	18.43	18.32		
10	64QAM	25	25	18.22	18.42	18.34		
10	64QAM	50	0	18.27	18.30	18.17		
10	256QAM	1	0	16.48	16.49	16.39	17.5	3.5
10	256QAM	1	25	16.32	16.37	16.31		
10	256QAM	1	49	16.27	16.37	16.28		
10	256QAM	25	0	16.48	16.57	16.54	17.5	3.5
10	256QAM	25	12	16.34	16.39	16.37		
10	256QAM	25	25	16.24	16.43	16.40		
10	256QAM	50	0	16.40	16.45	16.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.42	19.57	19.41	21	0
5	QPSK	1	12	19.31	19.41	19.24		
5	QPSK	1	24	19.46	19.50	19.44		
5	QPSK	12	0	19.39	19.50	19.39	21	0
5	QPSK	12	7	19.20	19.28	19.17		
5	QPSK	12	13	19.32	19.49	19.37		
5	QPSK	25	0	19.35	19.46	19.43		
5	16QAM	1	0	19.24	19.28	19.17	21	0
5	16QAM	1	12	19.40	19.45	19.37		
5	16QAM	1	24	19.35	19.48	19.32		
5	16QAM	12	0	19.47	19.44	19.38	20.5	0.5
5	16QAM	12	7	19.30	19.40	19.40		
5	16QAM	12	13	19.43	19.50	19.42		
5	16QAM	25	0	19.28	19.42	19.44		
5	64QAM	1	0	19.46	19.54	19.38	20.5	0.5
5	64QAM	1	12	19.25	19.38	19.30		
5	64QAM	1	24	19.30	19.33	19.21		
5	64QAM	12	0	18.39	18.44	18.25	19.5	1.5
5	64QAM	12	7	18.31	18.36	18.28		
5	64QAM	12	13	18.32	18.44	18.33		
5	64QAM	25	0	18.23	18.33	18.21		
5	256QAM	1	0	16.48	16.55	16.41	17.5	3.5
5	256QAM	1	12	16.37	16.38	16.33		
5	256QAM	1	24	16.29	16.34	16.26		
5	256QAM	12	0	16.44	16.55	16.48	17.5	3.5
5	256QAM	12	7	16.27	16.39	16.28		
5	256QAM	12	13	16.29	16.37	16.38		
5	256QAM	25	0	16.42	16.45	16.36		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.47	19.61	19.40	21	0
3	QPSK	1	8	19.27	19.39	19.32		
3	QPSK	1	14	19.46	19.55	19.44		
3	QPSK	8	0	19.33	19.54	19.37	21	0
3	QPSK	8	4	19.25	19.22	19.24		
3	QPSK	8	7	19.40	19.52	19.39		
3	QPSK	15	0	19.36	19.49	19.37		
3	16QAM	1	0	19.22	19.29	19.16	21	0
3	16QAM	1	8	19.46	19.51	19.36		
3	16QAM	1	14	19.28	19.51	19.31		
3	16QAM	8	0	19.46	19.49	19.33	20.5	0.5
3	16QAM	8	4	19.29	19.49	19.34		
3	16QAM	8	7	19.35	19.43	19.35		
3	16QAM	15	0	19.34	19.44	19.39		
3	64QAM	1	0	19.52	19.57	19.45	20.5	0.5
3	64QAM	1	8	19.28	19.41	19.35		
3	64QAM	1	14	19.27	19.40	19.21		
3	64QAM	8	0	18.39	18.50	18.36	19.5	1.5
3	64QAM	8	4	18.31	18.40	18.29		
3	64QAM	8	7	18.23	18.39	18.36		
3	64QAM	15	0	18.22	18.36	18.24		
3	256QAM	1	0	16.40	16.54	16.37	17.5	3.5
3	256QAM	1	8	16.33	16.42	16.26		
3	256QAM	1	14	16.29	16.36	16.27		
3	256QAM	8	0	16.43	16.58	16.51	17.5	3.5
3	256QAM	8	4	16.32	16.44	16.36		
3	256QAM	8	7	16.27	16.41	16.40		
3	256QAM	15	0	16.38	16.38	16.40		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.43	19.55	19.47	21	0
1.4	QPSK	1	3	19.32	19.32	19.27		
1.4	QPSK	1	5	19.45	19.53	19.37		
1.4	QPSK	3	0	19.43	19.55	19.48		
1.4	QPSK	3	1	19.33	19.40	19.23		
1.4	QPSK	3	3	19.46	19.54	19.41		
1.4	QPSK	6	0	19.39	19.50	19.35	21	0
1.4	16QAM	1	0	19.17	19.22	19.23	21	0
1.4	16QAM	1	3	19.39	19.46	19.41		
1.4	16QAM	1	5	19.33	19.48	19.37		
1.4	16QAM	3	0	19.29	19.25	19.21		
1.4	16QAM	3	1	19.45	19.47	19.31		
1.4	16QAM	3	3	19.34	19.55	19.29		
1.4	16QAM	6	0	19.44	19.52	19.34	20.5	0.5
1.4	64QAM	1	0	19.36	19.44	19.31	20.5	0.5
1.4	64QAM	1	3	19.45	19.49	19.43		
1.4	64QAM	1	5	19.32	19.47	19.43		
1.4	64QAM	3	0	19.46	19.56	19.44		
1.4	64QAM	3	1	19.28	19.44	19.41		
1.4	64QAM	3	3	19.28	19.33	19.20		
1.4	64QAM	6	0	18.32	18.50	18.35	19.5	1.5
1.4	256QAM	1	0	16.37	16.51	16.42	17.5	3.5
1.4	256QAM	1	3	16.36	16.37	16.25		
1.4	256QAM	1	5	16.33	16.33	16.32		
1.4	256QAM	3	0	16.41	16.61	16.49		
1.4	256QAM	3	1	16.32	16.45	16.30		
1.4	256QAM	3	3	16.29	16.41	16.44		
1.4	256QAM	6	0	16.43	16.43	16.30	17.5	3.5

Band 5 Ant4 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.14	21.15	21.10	22.5	0
10	QPSK	1	25	20.95	21.03	21.00		
10	QPSK	1	49	21.02	21.12	21.07		
10	QPSK	25	0	20.04	20.14	20.01	21.5	1
10	QPSK	25	12	19.94	20.05	19.98		
10	QPSK	25	25	19.98	20.12	19.99		
10	QPSK	50	0	19.96	20.07	20.02		
10	16QAM	1	0	20.29	20.36	20.25	21.5	1
10	16QAM	1	25	20.01	20.09	20.01		
10	16QAM	1	49	19.97	20.11	19.98		
10	16QAM	25	0	19.04	19.16	19.07	20.5	2
10	16QAM	25	12	19.00	19.13	19.07		
10	16QAM	25	25	18.94	19.05	18.93		
10	16QAM	50	0	19.02	19.09	18.96		
10	64QAM	1	0	19.09	19.20	19.11	20.5	2
10	64QAM	1	25	19.03	19.06	19.03		
10	64QAM	1	49	19.08	19.13	19.03		
10	64QAM	25	0	17.93	18.07	18.03	19.5	3
10	64QAM	25	12	17.84	17.97	17.94		
10	64QAM	25	25	17.84	17.93	17.85		
10	64QAM	50	0	17.87	17.96	17.90		
10	256QAM	1	0	16.09	16.18	16.15	17.5	5
10	256QAM	1	25	16.02	16.14	16.10		
10	256QAM	1	49	16.08	16.13	16.06		
10	256QAM	25	0	16.02	16.13	16.00	17.5	5
10	256QAM	25	12	15.97	16.10	16.03		
10	256QAM	25	25	16.07	16.15	16.12		
10	256QAM	50	0	16.04	16.08	16.04		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.98	21.06	20.96	22.5	0
5	QPSK	1	12	20.81	21.01	20.92		
5	QPSK	1	24	20.95	20.99	21.04		
5	QPSK	12	0	19.97	20.05	19.88	21.5	1
5	QPSK	12	7	19.84	19.93	19.93		
5	QPSK	12	13	19.94	20.08	19.86		
5	QPSK	25	0	19.94	20.02	19.93		
5	16QAM	1	0	20.25	20.29	20.13	21.5	1
5	16QAM	1	12	19.96	19.96	19.99		
5	16QAM	1	24	19.89	20.01	19.86		
5	16QAM	12	0	18.96	19.09	19.03	20.5	2
5	16QAM	12	7	18.97	19.03	18.93		
5	16QAM	12	13	18.80	18.93	18.83		
5	16QAM	25	0	18.88	18.99	18.88		
5	64QAM	1	0	18.96	19.06	19.02	20.5	2
5	64QAM	1	12	18.93	19.02	18.97		
5	64QAM	1	24	19.05	19.04	18.98		
5	64QAM	12	0	17.84	18.00	17.96	19.5	3
5	64QAM	12	7	17.76	17.90	17.81		
5	64QAM	12	13	17.72	17.88	17.76		
5	64QAM	25	0	17.77	17.90	17.86		
5	256QAM	1	0	16.04	16.10	16.02	17.5	5
5	256QAM	1	12	15.89	16.04	16.00		
5	256QAM	1	24	15.95	16.01	15.98		
5	256QAM	12	0	15.96	16.02	15.95	17.5	5
5	256QAM	12	7	15.90	15.97	15.99		
5	256QAM	12	13	16.04	16.08	16.06		
5	256QAM	25	0	16.01	15.96	15.96		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.02	21.03	20.96	22.5	0
3	QPSK	1	8	20.84	20.89	20.92		
3	QPSK	1	14	20.94	21.06	20.99		
3	QPSK	8	0	19.98	20.08	19.87	21.5	1
3	QPSK	8	4	19.84	19.92	19.93		
3	QPSK	8	7	19.89	19.98	19.94		
3	QPSK	15	0	19.91	19.97	19.89		
3	16QAM	1	0	20.17	20.33	20.21	21.5	1
3	16QAM	1	8	19.90	19.97	19.92		
3	16QAM	1	14	19.85	20.06	19.89		
3	16QAM	8	0	18.93	19.09	18.93	20.5	2
3	16QAM	8	4	18.98	19.04	19.00		
3	16QAM	8	7	18.89	19.03	18.85		
3	16QAM	15	0	18.95	19.05	18.86		
3	64QAM	1	0	19.03	19.07	19.03	20.5	2
3	64QAM	1	8	19.01	18.95	18.98		
3	64QAM	1	14	18.98	19.10	18.98		
3	64QAM	8	0	17.90	17.95	18.00	19.5	3
3	64QAM	8	4	17.72	17.87	17.80		
3	64QAM	8	7	17.71	17.82	17.73		
3	64QAM	15	0	17.78	17.84	17.85		
3	256QAM	1	0	16.05	16.07	16.03	17.5	5
3	256QAM	1	8	15.94	16.09	16.02		
3	256QAM	1	14	16.04	16.00	15.97		
3	256QAM	8	0	15.88	16.11	15.89	17.5	5
3	256QAM	8	4	15.92	16.05	16.00		
3	256QAM	8	7	16.01	16.05	16.02		
3	256QAM	15	0	15.92	15.98	15.90		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.90	21.10	21.02	22.5	0
1.4	QPSK	1	3	20.87	20.98	20.88		
1.4	QPSK	1	5	20.98	20.99	21.01		
1.4	QPSK	3	0	20.97	21.08	21.04		
1.4	QPSK	3	1	20.86	20.97	20.96		
1.4	QPSK	3	3	20.99	21.09	21.00		
1.4	QPSK	6	0	19.97	20.06	19.90	21.5	1
1.4	16QAM	1	0	19.82	19.92	19.86	21.5	1
1.4	16QAM	1	3	19.92	20.01	19.88		
1.4	16QAM	1	5	19.88	20.02	19.85		
1.4	16QAM	3	0	19.86	19.99	19.94		
1.4	16QAM	3	1	19.85	19.98	19.88		
1.4	16QAM	3	3	20.17	20.29	20.21		
1.4	16QAM	6	0	18.98	19.03	19.03	20.5	2
1.4	64QAM	1	0	18.94	19.04	19.05	20.5	2
1.4	64QAM	1	3	18.84	18.92	18.82		
1.4	64QAM	1	5	18.94	19.02	18.99		
1.4	64QAM	3	0	18.92	19.09	18.95		
1.4	64QAM	3	1	18.96	19.04	18.98		
1.4	64QAM	3	3	18.90	18.92	18.81		
1.4	64QAM	6	0	17.77	17.88	17.84	19.5	3
1.4	256QAM	1	0	16.06	16.07	16.08	17.5	5
1.4	256QAM	1	3	15.93	16.05	16.02		
1.4	256QAM	1	5	16.04	16.02	16.04		
1.4	256QAM	3	0	15.99	16.01	15.93		
1.4	256QAM	3	1	15.90	16.02	15.90		
1.4	256QAM	3	3	15.97	16.03	16.04		
1.4	256QAM	6	0	15.91	16.05	16.01	17.5	5

Band 7 For ENDC Ant4 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.28	19.30	19.11	20.2	0
20	QPSK	1	49	19.14	19.23	19.16		
20	QPSK	1	99	19.08	19.22	19.16		
20	QPSK	50	0	19.17	19.25	19.04	20.2	0
20	QPSK	50	24	19.05	19.17	19.09		
20	QPSK	50	50	18.97	19.13	19.10		
20	QPSK	100	0	19.17	19.21	19.01		
20	16QAM	1	0	19.08	19.17	19.04	20.2	0
20	16QAM	1	49	18.98	19.09	19.05		
20	16QAM	1	99	19.23	19.22	19.00		
20	16QAM	50	0	19.05	19.19	19.10	20.2	0
20	16QAM	50	24	18.97	19.16	19.12		
20	16QAM	50	50	19.19	19.27	19.01		
20	16QAM	100	0	19.05	19.17	19.09		
20	64QAM	1	0	19.18	19.23	19.04	20.2	0
20	64QAM	1	49	19.01	19.19	19.07		
20	64QAM	1	99	19.03	19.14	19.08		
20	64QAM	50	0	18.99	19.04	18.97	20.2	0
20	64QAM	50	24	19.09	19.12	19.01		
20	64QAM	50	50	18.97	19.16	18.99		
20	64QAM	100	0	18.92	19.01	19.04		
20	256QAM	1	0	17.81	17.88	17.84	19	1.2
20	256QAM	1	49	17.70	17.75	17.61		
20	256QAM	1	99	17.80	17.86	17.77		
20	256QAM	50	0	17.78	17.84	17.81	19	1.2
20	256QAM	50	24	17.75	17.79	17.66		
20	256QAM	50	50	17.68	17.78	17.68		
20	256QAM	100	0	17.69	17.81	17.69		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.16	19.19	19.06	20.2	0
15	QPSK	1	37	19.01	19.19	19.03		
15	QPSK	1	74	19.00	19.13	19.11		
15	QPSK	36	0	19.07	19.17	18.92	20.2	0
15	QPSK	36	20	18.97	19.08	19.01		
15	QPSK	36	39	18.86	19.00	18.99		
15	QPSK	75	0	19.06	19.15	18.97		
15	16QAM	1	0	19.04	19.12	18.91	20.2	0
15	16QAM	1	37	18.92	19.04	18.97		
15	16QAM	1	74	19.19	19.19	18.88		
15	16QAM	36	0	18.95	19.10	19.06	20.2	0
15	16QAM	36	20	18.94	19.04	19.04		
15	16QAM	36	39	19.11	19.22	18.89		
15	16QAM	75	0	18.99	19.14	18.96		
15	64QAM	1	0	19.07	19.10	18.92	20.2	0
15	64QAM	1	37	18.97	19.13	18.96		
15	64QAM	1	74	18.94	19.10	19.02		
15	64QAM	36	0	18.92	19.10	19.00	20.2	0
15	64QAM	36	20	19.15	19.15	18.92		
15	64QAM	36	39	18.92	19.13	18.99		
15	64QAM	75	0	18.91	19.05	19.03		
15	256QAM	1	0	17.74	17.79	17.79	19	1.2
15	256QAM	1	37	17.65	17.66	17.58		
15	256QAM	1	74	17.67	17.73	17.71		
15	256QAM	36	0	17.76	17.79	17.79	19	1.2
15	256QAM	36	20	17.67	17.70	17.61		
15	256QAM	36	39	17.65	17.75	17.60		
15	256QAM	75	0	17.65	17.67	17.64		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.20	19.22	19.08	20.2	0
10	QPSK	1	25	19.09	19.13	19.12		
10	QPSK	1	49	19.00	19.16	19.03		
10	QPSK	25	0	19.09	19.16	18.96	20.2	0
10	QPSK	25	12	18.98	19.12	18.99		
10	QPSK	25	25	18.89	19.10	19.01		
10	QPSK	50	0	19.12	19.13	18.91		
10	16QAM	1	0	19.00	19.14	18.98	20.2	0
10	16QAM	1	25	18.94	18.97	18.92		
10	16QAM	1	49	19.18	19.09	18.90		
10	16QAM	25	0	19.01	19.08	19.07	20.2	0
10	16QAM	25	12	18.88	19.09	19.01		
10	16QAM	25	25	19.14	19.23	18.97		
10	16QAM	50	0	19.00	19.11	18.98		
10	64QAM	1	0	19.14	19.13	18.92	20.2	0
10	64QAM	1	25	18.92	19.09	19.04		
10	64QAM	1	49	18.98	19.09	18.97		
10	64QAM	25	0	18.94	19.10	18.98	20.2	0
10	64QAM	25	12	19.07	19.17	18.94		
10	64QAM	25	25	18.94	19.06	18.98		
10	64QAM	50	0	18.91	19.02	18.96		
10	256QAM	1	0	17.77	17.84	17.80	19	1.2
10	256QAM	1	25	17.66	17.67	17.55		
10	256QAM	1	49	17.71	17.83	17.65		
10	256QAM	25	0	17.72	17.71	17.75	19	1.2
10	256QAM	25	12	17.65	17.75	17.57		
10	256QAM	25	25	17.63	17.75	17.63		
10	256QAM	50	0	17.56	17.73	17.63		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.21	19.21	19.07	20.2	0
5	QPSK	1	12	19.07	19.12	19.06		
5	QPSK	1	24	19.02	19.10	19.08		
5	QPSK	12	0	19.09	19.20	18.99	20.2	0
5	QPSK	12	7	18.96	19.09	18.97		
5	QPSK	12	13	18.90	19.01	19.02		
5	QPSK	25	0	19.07	19.09	18.94		
5	16QAM	1	0	18.97	19.07	18.94	20.2	0
5	16QAM	1	12	18.90	19.01	18.98		
5	16QAM	1	24	19.19	19.13	18.92		
5	16QAM	12	0	18.98	19.13	19.04	20.2	0
5	16QAM	12	7	18.85	19.11	19.04		
5	16QAM	12	13	19.15	19.15	18.88		
5	16QAM	25	0	19.02	19.11	19.00		
5	64QAM	1	0	19.10	19.12	19.01	20.2	0
5	64QAM	1	12	18.95	19.07	19.04		
5	64QAM	1	24	18.90	19.11	19.03		
5	64QAM	12	0	19.13	19.16	18.98	20.2	0
5	64QAM	12	7	19.10	19.15	19.00		
5	64QAM	12	13	18.96	19.07	19.00		
5	64QAM	25	0	18.93	19.07	19.00		
5	256QAM	1	0	17.73	17.81	17.79	19	1.2
5	256QAM	1	12	17.57	17.71	17.49		
5	256QAM	1	24	17.76	17.77	17.64		
5	256QAM	12	0	17.67	17.78	17.68	19	1.2
5	256QAM	12	7	17.68	17.71	17.57		
5	256QAM	12	13	17.64	17.72	17.61		
5	256QAM	25	0	17.59	17.76	17.58		

Band 26 Ant4 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.10	21.19	21.08	22.5	0
15	QPSK	1	37	21.04	21.08	21.01		
15	QPSK	1	74	21.01	21.04	20.94		
15	QPSK	36	0	19.81	19.95	19.86	21.5	1
15	QPSK	36	20	19.84	19.88	19.74		
15	QPSK	36	39	19.88	19.91	19.84		
15	QPSK	75	0	20.08	20.14	20.03		
15	16QAM	1	0	20.35	20.42	20.34	21.5	1
15	16QAM	1	37	20.17	20.30	20.22		
15	16QAM	1	74	20.21	20.28	20.15		
15	16QAM	36	0	18.99	19.03	19.00	20.5	2
15	16QAM	36	20	18.86	18.97	18.92		
15	16QAM	36	39	18.86	18.90	18.86		
15	16QAM	75	0	18.87	18.99	18.88		
15	64QAM	1	0	19.13	19.22	19.19	20.5	2
15	64QAM	1	37	19.06	19.18	19.09		
15	64QAM	1	74	18.97	19.09	18.95		
15	64QAM	36	0	18.03	18.05	17.92	19.5	3
15	64QAM	36	20	17.95	18.00	17.89		
15	64QAM	36	39	17.90	17.98	17.93		
15	64QAM	75	0	17.92	18.00	17.96		
15	256QAM	1	0	16.13	16.24	16.11	17.5	5
15	256QAM	1	37	16.13	16.21	16.17		
15	256QAM	1	74	16.02	16.15	16.08		
15	256QAM	36	0	16.04	16.09	16.07	17.5	5
15	256QAM	36	20	16.07	16.19	16.16		
15	256QAM	36	39	16.04	16.14	16.07		
15	256QAM	75	0	15.55	15.60	15.51		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.01	21.08	21.02	22.5	0
10	QPSK	1	25	21.01	21.02	20.94		
10	QPSK	1	49	20.93	20.98	20.80		
10	QPSK	25	0	19.75	19.90	19.84	21.5	1
10	QPSK	25	12	19.72	19.79	19.72		
10	QPSK	25	25	19.80	19.85	19.80		
10	QPSK	50	0	20.03	20.11	20.00		
10	16QAM	1	0	20.33	20.40	20.24	21.5	1
10	16QAM	1	25	20.07	20.22	20.14		
10	16QAM	1	49	20.12	20.17	20.04		
10	16QAM	25	0	18.87	18.94	18.90	20.5	2
10	16QAM	25	12	18.80	18.94	18.79		
10	16QAM	25	25	18.77	18.78	18.82		
10	16QAM	50	0	18.73	18.95	18.78		
10	64QAM	1	0	19.01	19.11	19.05	20.5	2
10	64QAM	1	25	19.02	19.12	18.98		
10	64QAM	1	49	18.85	18.98	18.84		
10	64QAM	25	0	17.97	17.97	17.82	19.5	3
10	64QAM	25	12	17.93	17.87	17.84		
10	64QAM	25	25	17.85	17.85	17.87		
10	64QAM	50	0	17.85	17.93	17.85		
10	256QAM	1	0	16.02	16.22	16.08	17.5	5
10	256QAM	1	25	16.02	16.12	16.09		
10	256QAM	1	49	15.95	16.11	16.04		
10	256QAM	25	0	15.91	16.03	16.04	17.5	5
10	256QAM	25	12	16.04	16.08	16.04		
10	256QAM	25	25	15.96	16.11	15.97		
10	256QAM	50	0	16.01	16.00	15.89		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.03	20.98	21.00	22.5	0
5	QPSK	1	12	20.92	21.01	20.88		
5	QPSK	1	24	20.95	20.96	20.88		
5	QPSK	12	0	19.78	19.90	19.76	21.5	1
5	QPSK	12	7	19.82	19.83	19.62		
5	QPSK	12	13	19.78	19.84	19.76		
5	QPSK	25	0	20.05	20.10	19.96		
5	16QAM	1	0	20.23	20.34	20.31	21.5	1
5	16QAM	1	12	20.09	20.19	20.19		
5	16QAM	1	24	20.19	20.16	20.08		
5	16QAM	12	0	18.97	18.90	18.96	20.5	2
5	16QAM	12	7	18.80	18.91	18.80		
5	16QAM	12	13	18.76	18.82	18.80		
5	16QAM	25	0	18.78	18.95	18.76		
5	64QAM	1	0	19.00	19.10	19.06	20.5	2
5	64QAM	1	12	18.95	19.07	18.99		
5	64QAM	1	24	18.91	18.99	18.93		
5	64QAM	12	0	18.00	18.00	17.83	19.5	3
5	64QAM	12	7	17.82	17.88	17.85		
5	64QAM	12	13	17.79	17.86	17.88		
5	64QAM	25	0	17.80	17.90	17.86		
5	256QAM	1	0	16.00	16.20	16.00	17.5	5
5	256QAM	1	12	16.08	16.15	16.13		
5	256QAM	1	24	15.92	16.11	16.01		
5	256QAM	12	0	15.91	16.00	16.04	17.5	5
5	256QAM	12	7	15.96	16.14	16.07		
5	256QAM	12	13	15.92	16.04	15.99		
5	256QAM	25	0	15.94	16.00	15.98		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.06	21.01	21.02	22.5	0
3	QPSK	1	8	20.91	20.97	20.95		
3	QPSK	1	14	20.90	20.94	20.81		
3	QPSK	8	0	19.68	19.85	19.75	21.5	1
3	QPSK	8	4	19.77	19.83	19.68		
3	QPSK	8	7	19.83	19.79	19.76		
3	QPSK	15	0	20.01	20.01	19.91		
3	16QAM	1	0	20.21	20.29	20.26	21.5	1
3	16QAM	1	8	20.11	20.26	20.08		
3	16QAM	1	14	20.10	20.14	20.10		
3	16QAM	8	0	18.93	18.95	18.86	20.5	2
3	16QAM	8	4	18.84	18.93	18.82		
3	16QAM	8	7	18.78	18.80	18.75		
3	16QAM	15	0	18.74	18.91	18.74		
3	64QAM	1	0	19.10	19.19	19.13	20.5	2
3	64QAM	1	8	18.95	19.16	19.01		
3	64QAM	1	14	18.91	19.02	18.90		
3	64QAM	8	0	17.95	17.95	17.85	19.5	3
3	64QAM	8	4	17.85	17.88	17.83		
3	64QAM	8	7	17.83	17.85	17.82		
3	64QAM	15	0	17.85	17.98	17.91		
3	256QAM	1	0	16.03	16.14	16.03	17.5	5
3	256QAM	1	8	16.05	16.11	16.11		
3	256QAM	1	14	15.92	16.07	16.03		
3	256QAM	8	0	15.97	15.96	16.03	17.5	5
3	256QAM	8	4	16.04	16.13	16.05		
3	256QAM	8	7	15.95	16.07	16.01		
3	256QAM	15	0	15.93	16.01	15.92		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.00	21.01	20.98	22.5	0
1.4	QPSK	1	3	20.98	20.95	20.88		
1.4	QPSK	1	5	20.88	20.99	20.84		
1.4	QPSK	3	0	20.96	21.04	20.95		
1.4	QPSK	3	1	20.93	20.95	20.97		
1.4	QPSK	3	3	20.91	20.92	20.80		
1.4	QPSK	6	0	19.72	19.91	19.84	21.5	1
1.4	16QAM	1	0	19.69	19.89	19.80	21.5	1
1.4	16QAM	1	3	19.70	19.91	19.80		
1.4	16QAM	1	5	19.73	19.89	19.82		
1.4	16QAM	3	0	19.70	19.88	19.83		
1.4	16QAM	3	1	19.70	19.83	19.81		
1.4	16QAM	3	3	19.69	19.90	19.76		
1.4	16QAM	6	0	18.88	18.93	18.96	20.5	2
1.4	64QAM	1	0	18.77	18.86	18.84	20.5	2
1.4	64QAM	1	3	18.97	18.91	18.89		
1.4	64QAM	1	5	18.86	18.91	18.89		
1.4	64QAM	3	0	18.78	18.94	18.79		
1.4	64QAM	3	1	18.78	18.80	18.79		
1.4	64QAM	3	3	18.74	18.91	18.83		
1.4	64QAM	6	0	17.92	18.02	17.88	19.5	3
1.4	256QAM	1	0	16.09	16.14	16.05	17.5	5
1.4	256QAM	1	3	16.06	16.11	16.06		
1.4	256QAM	1	5	15.96	16.01	15.96		
1.4	256QAM	3	0	16.01	16.03	16.02		
1.4	256QAM	3	1	16.00	16.07	16.10		
1.4	256QAM	3	3	15.90	16.02	15.94		
1.4	256QAM	6	0	15.99	16.05	15.90	17.5	5

Band 71 Ant4 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.72	21.82	21.66	23	0
20	QPSK	1	49	21.68	21.70	21.62		
20	QPSK	1	99	21.60	21.71	21.63		
20	QPSK	50	0	20.47	20.57	20.45	22	1
20	QPSK	50	24	20.40	20.50	20.45		
20	QPSK	50	50	20.36	20.46	20.33		
20	QPSK	100	0	20.49	20.54	20.49		
20	16QAM	1	0	20.91	20.95	20.81	22	1
20	16QAM	1	49	20.77	20.86	20.73		
20	16QAM	1	99	20.78	20.86	20.77		
20	16QAM	50	0	19.61	19.69	19.57	21	2
20	16QAM	50	24	19.50	19.62	19.55		
20	16QAM	50	50	19.57	19.63	19.61		
20	16QAM	100	0	19.64	19.66	19.58		
20	64QAM	1	0	19.60	19.74	19.62	21	2
20	64QAM	1	49	19.65	19.68	19.64		
20	64QAM	1	99	19.57	19.66	19.56		
20	64QAM	50	0	18.58	18.60	18.56	20	3
20	64QAM	50	24	18.54	18.57	18.51		
20	64QAM	50	50	18.50	18.53	18.42		
20	64QAM	100	0	18.40	18.48	18.34		
20	256QAM	1	0	16.82	16.89	16.75	18	5
20	256QAM	1	49	16.65	16.77	16.68		
20	256QAM	1	99	16.74	16.82	16.76		
20	256QAM	50	0	16.68	16.71	16.59	18	5
20	256QAM	50	24	16.70	16.84	16.81		
20	256QAM	50	50	16.77	16.87	16.76		
20	256QAM	100	0	16.65	16.79	16.76		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.68	21.69	21.63	23	0
15	QPSK	1	37	21.56	21.60	21.59		
15	QPSK	1	74	21.57	21.60	21.53		
15	QPSK	36	0	20.34	20.44	20.32	22	1
15	QPSK	36	20	20.36	20.45	20.34		
15	QPSK	36	39	20.23	20.35	20.21		
15	QPSK	75	0	20.42	20.47	20.47		
15	16QAM	1	0	20.87	20.81	20.75	22	1
15	16QAM	1	37	20.74	20.73	20.68		
15	16QAM	1	74	20.67	20.75	20.64		
15	16QAM	36	0	19.50	19.61	19.55	21	2
15	16QAM	36	20	19.42	19.57	19.46		
15	16QAM	36	39	19.52	19.59	19.58		
15	16QAM	75	0	19.61	19.61	19.53		
15	64QAM	1	0	19.48	19.63	19.49	21	2
15	64QAM	1	37	19.51	19.60	19.52		
15	64QAM	1	74	19.47	19.57	19.50		
15	64QAM	36	0	18.53	18.58	18.46	20	3
15	64QAM	36	20	18.45	18.53	18.45		
15	64QAM	36	39	18.37	18.51	18.32		
15	64QAM	75	0	18.34	18.40	18.20		
15	256QAM	1	0	16.70	16.85	16.72	18	5
15	256QAM	1	37	16.53	16.73	16.62		
15	256QAM	1	74	16.63	16.69	16.73		
15	256QAM	36	0	16.59	16.59	16.55	18	5
15	256QAM	36	20	16.61	16.74	16.70		
15	256QAM	36	39	16.69	16.79	16.67		
15	256QAM	75	0	16.56	16.65	16.71		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.58	21.75	21.52	23	0
10	QPSK	1	25	21.61	21.59	21.52		
10	QPSK	1	49	21.51	21.63	21.61		
10	QPSK	25	0	20.42	20.52	20.37	22	1
10	QPSK	25	12	20.31	20.45	20.38		
10	QPSK	25	25	20.25	20.41	20.26		
10	QPSK	50	0	20.44	20.45	20.42		
10	16QAM	1	0	20.78	20.90	20.75	22	1
10	16QAM	1	25	20.72	20.72	20.63		
10	16QAM	1	49	20.65	20.80	20.70		
10	16QAM	25	0	19.58	19.66	19.54	21	2
10	16QAM	25	12	19.42	19.56	19.44		
10	16QAM	25	25	19.53	19.52	19.58		
10	16QAM	50	0	19.60	19.52	19.51		
10	64QAM	1	0	19.53	19.61	19.52	21	2
10	64QAM	1	25	19.57	19.55	19.59		
10	64QAM	1	49	19.53	19.60	19.53		
10	64QAM	25	0	18.50	18.54	18.51	20	3
10	64QAM	25	12	18.47	18.46	18.40		
10	64QAM	25	25	18.40	18.41	18.36		
10	64QAM	50	0	18.33	18.38	18.31		
10	256QAM	1	0	16.71	16.84	16.70	18	5
10	256QAM	1	25	16.60	16.69	16.57		
10	256QAM	1	49	16.68	16.71	16.71		
10	256QAM	25	0	16.57	16.59	16.47	18	5
10	256QAM	25	12	16.57	16.74	16.75		
10	256QAM	25	25	16.67	16.83	16.68		
10	256QAM	50	0	16.59	16.72	16.65		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.63	21.79	21.61	23	0
5	QPSK	1	12	21.64	21.58	21.60		
5	QPSK	1	24	21.51	21.59	21.60		
5	QPSK	12	0	20.37	20.47	20.37	22	1
5	QPSK	12	7	20.29	20.42	20.31		
5	QPSK	12	13	20.28	20.36	20.30		
5	QPSK	25	0	20.43	20.47	20.45		
5	16QAM	1	0	20.86	20.92	20.67	22	1
5	16QAM	1	12	20.75	20.82	20.66		
5	16QAM	1	24	20.73	20.74	20.65		
5	16QAM	12	0	19.58	19.56	19.48	21	2
5	16QAM	12	7	19.38	19.49	19.50		
5	16QAM	12	13	19.44	19.59	19.54		
5	16QAM	25	0	19.52	19.54	19.53		
5	64QAM	1	0	19.56	19.69	19.48	21	2
5	64QAM	1	12	19.55	19.58	19.55		
5	64QAM	1	24	19.43	19.55	19.48		
5	64QAM	12	0	18.50	18.51	18.53	20	3
5	64QAM	12	7	18.44	18.52	18.41		
5	64QAM	12	13	18.43	18.49	18.40		
5	64QAM	25	0	18.30	18.39	18.25		
5	256QAM	1	0	16.79	16.78	16.72	18	5
5	256QAM	1	12	16.58	16.68	16.58		
5	256QAM	1	24	16.66	16.72	16.63		
5	256QAM	12	0	16.65	16.60	16.45	18	5
5	256QAM	12	7	16.58	16.75	16.70		
5	256QAM	12	13	16.73	16.76	16.68		
5	256QAM	25	0	16.59	16.76	16.66		

Band 38 For ENDC Ant4 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.76	22.87	22.75	24	0
20	QPSK	1	49	22.69	22.79	22.74		
20	QPSK	1	99	22.77	22.80	22.74		
20	QPSK	50	0	21.84	21.91	21.88	23	1
20	QPSK	50	24	21.66	21.77	21.65		
20	QPSK	50	50	21.75	21.82	21.69		
20	QPSK	100	0	21.73	21.82	21.73		
20	16QAM	1	0	21.71	21.75	21.67	23	1
20	16QAM	1	49	21.78	21.83	21.77		
20	16QAM	1	99	21.78	21.88	21.80		
20	16QAM	50	0	20.96	20.98	20.85	22	2
20	16QAM	50	24	20.79	20.92	20.89		
20	16QAM	50	50	20.91	20.94	20.81		
20	16QAM	100	0	20.84	20.92	20.80		
20	64QAM	1	0	20.46	20.59	20.53	22	2
20	64QAM	1	49	20.54	20.56	20.46		
20	64QAM	1	99	20.49	20.57	20.47		
20	64QAM	50	0	19.83	19.88	19.76	21	3
20	64QAM	50	24	19.73	19.81	19.69		
20	64QAM	50	50	19.73	19.84	19.75		
20	64QAM	100	0	19.75	19.78	19.69		
20	256QAM	1	0	18.00	18.04	17.95	19	5
20	256QAM	1	49	17.85	17.90	17.79		
20	256QAM	1	99	17.86	17.94	17.85		
20	256QAM	50	0	17.86	17.98	17.93	19	5
20	256QAM	50	24	17.82	17.93	17.84		
20	256QAM	50	50	17.80	17.94	17.90		
20	256QAM	100	0	17.82	17.91	17.84		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.69	22.79	22.63	24	0
15	QPSK	1	37	22.55	22.66	22.72		
15	QPSK	1	74	22.73	22.72	22.71		
15	QPSK	36	0	21.74	21.83	21.82	23	1
15	QPSK	36	20	21.57	21.70	21.51		
15	QPSK	36	39	21.61	21.77	21.59		
15	QPSK	75	0	21.68	21.69	21.67		
15	16QAM	1	0	21.58	21.69	21.57	23	1
15	16QAM	1	37	21.74	21.79	21.64		
15	16QAM	1	74	21.64	21.78	21.78		
15	16QAM	36	0	20.85	20.87	20.81	22	2
15	16QAM	36	20	20.76	20.85	20.87		
15	16QAM	36	39	20.82	20.82	20.73		
15	16QAM	75	0	20.73	20.82	20.69		
15	64QAM	1	0	20.32	20.46	20.48	22	2
15	64QAM	1	37	20.43	20.49	20.33		
15	64QAM	1	74	20.44	20.49	20.42		
15	64QAM	36	0	19.75	19.82	19.68	21	3
15	64QAM	36	20	19.60	19.77	19.55		
15	64QAM	36	39	19.65	19.77	19.72		
15	64QAM	75	0	19.62	19.64	19.65		
15	256QAM	1	0	17.92	18.01	17.84	19	5
15	256QAM	1	37	17.73	17.85	17.75		
15	256QAM	1	74	17.79	17.90	17.78		
15	256QAM	36	0	17.81	17.87	17.87	19	5
15	256QAM	36	20	17.78	17.89	17.70		
15	256QAM	36	39	17.78	17.88	17.80		
15	256QAM	75	0	17.69	17.81	17.79		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.64	22.80	22.68	24	0
10	QPSK	1	25	22.62	22.68	22.62		
10	QPSK	1	49	22.71	22.70	22.67		
10	QPSK	25	0	21.79	21.78	21.74	23	1
10	QPSK	25	12	21.54	21.64	21.56		
10	QPSK	25	25	21.63	21.77	21.58		
10	QPSK	50	0	21.62	21.80	21.68		
10	16QAM	1	0	21.68	21.67	21.57	23	1
10	16QAM	1	25	21.66	21.80	21.75		
10	16QAM	1	49	21.66	21.75	21.76		
10	16QAM	25	0	20.91	20.92	20.76	22	2
10	16QAM	25	12	20.70	20.82	20.86		
10	16QAM	25	25	20.88	20.81	20.73		
10	16QAM	50	0	20.79	20.86	20.74		
10	64QAM	1	0	20.42	20.56	20.50	22	2
10	64QAM	1	25	20.44	20.42	20.35		
10	64QAM	1	49	20.42	20.46	20.39		
10	64QAM	25	0	19.77	19.77	19.72	21	3
10	64QAM	25	12	19.66	19.72	19.66		
10	64QAM	25	25	19.69	19.72	19.63		
10	64QAM	50	0	19.64	19.75	19.58		
10	256QAM	1	0	17.97	18.00	17.82	19	5
10	256QAM	1	25	17.77	17.82	17.69		
10	256QAM	1	49	17.73	17.89	17.77		
10	256QAM	25	0	17.78	17.87	17.82	19	5
10	256QAM	25	12	17.70	17.86	17.71		
10	256QAM	25	25	17.69	17.88	17.85		
10	256QAM	50	0	17.69	17.81	17.75		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.74	22.77	22.68	24	0
5	QPSK	1	12	22.66	22.71	22.65		
5	QPSK	1	24	22.70	22.72	22.67		
5	QPSK	12	0	21.80	21.81	21.78	23	1
5	QPSK	12	7	21.60	21.64	21.53		
5	QPSK	12	13	21.62	21.74	21.67		
5	QPSK	25	0	21.66	21.70	21.62		
5	16QAM	1	0	21.62	21.71	21.58	23	1
5	16QAM	1	12	21.72	21.77	21.69		
5	16QAM	1	24	21.69	21.76	21.77		
5	16QAM	12	0	20.94	20.86	20.75	22	2
5	16QAM	12	7	20.69	20.84	20.75		
5	16QAM	12	13	20.89	20.82	20.69		
5	16QAM	25	0	20.72	20.81	20.78		
5	64QAM	1	0	20.33	20.52	20.45	22	2
5	64QAM	1	12	20.48	20.48	20.43		
5	64QAM	1	24	20.42	20.44	20.45		
5	64QAM	12	0	19.71	19.75	19.70	21	3
5	64QAM	12	7	19.63	19.71	19.58		
5	64QAM	12	13	19.71	19.73	19.72		
5	64QAM	25	0	19.71	19.71	19.61		
5	256QAM	1	0	17.89	17.93	17.87	19	5
5	256QAM	1	12	17.72	17.79	17.66		
5	256QAM	1	24	17.75	17.90	17.76		
5	256QAM	12	0	17.76	17.93	17.81	19	5
5	256QAM	12	7	17.79	17.88	17.81		
5	256QAM	12	13	17.73	17.85	17.77		
5	256QAM	25	0	17.73	17.79	17.81		

Band 41 For ENDC Ant4 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.84	22.98	22.99	22.93	22.88	24	0
20	QPSK	1	49	22.72	22.80	22.85	22.79	22.75		
20	QPSK	1	99	22.79	22.79	22.87	22.84	22.75		
20	QPSK	50	0	21.79	21.81	21.89	21.79	21.78	23	1
20	QPSK	50	24	21.72	21.71	21.79	21.76	21.69		
20	QPSK	50	50	21.69	21.71	21.77	21.66	21.66		
20	QPSK	100	0	21.71	21.73	21.77	21.72	21.69		
20	16QAM	1	0	21.73	21.79	21.86	21.82	21.79	23	1
20	16QAM	1	49	21.73	21.75	21.85	21.75	21.82		
20	16QAM	1	99	21.81	21.81	21.86	21.76	21.80		
20	16QAM	50	0	20.82	20.84	20.95	20.90	20.87	22	2
20	16QAM	50	24	20.84	20.79	20.92	20.85	20.82		
20	16QAM	50	50	20.87	20.89	20.92	20.80	20.83		
20	16QAM	100	0	20.72	20.72	20.85	20.78	20.82		
20	64QAM	1	0	20.63	20.56	20.66	20.58	20.55	22	2
20	64QAM	1	49	20.56	20.56	20.61	20.57	20.49		
20	64QAM	1	99	20.43	20.49	20.57	20.55	20.52		
20	64QAM	50	0	19.79	19.80	19.93	19.89	19.91	21	3
20	64QAM	50	24	19.76	19.68	19.81	19.75	19.73		
20	64QAM	50	50	19.72	19.80	19.84	19.73	19.78		
20	64QAM	100	0	19.70	19.76	19.84	19.79	19.70		
20	256QAM	1	0	18.03	17.96	18.09	18.05	18.01	19	5
20	256QAM	1	49	17.89	17.92	17.99	17.90	17.85		
20	256QAM	1	99	18.01	18.00	18.04	18.01	17.91		
20	256QAM	50	0	17.96	17.95	18.02	18.00	17.91	19	5
20	256QAM	50	24	17.99	17.98	18.05	17.93	17.98		
20	256QAM	50	50	17.99	17.98	18.03	17.98	17.98		
20	256QAM	100	0	17.97	17.99	18.06	18.01	17.99		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.82	22.91	22.94	22.88	22.84	24	0
15	QPSK	1	37	22.64	22.69	22.75	22.70	22.61		
15	QPSK	1	74	22.75	22.74	22.84	22.79	22.66		
15	QPSK	36	0	21.70	21.69	21.76	21.72	21.68	23	1
15	QPSK	36	20	21.60	21.59	21.67	21.71	21.59		
15	QPSK	36	39	21.62	21.64	21.64	21.61	21.54		
15	QPSK	75	0	21.64	21.70	21.66	21.65	21.60		
15	16QAM	1	0	21.66	21.69	21.83	21.76	21.76	23	1
15	16QAM	1	37	21.59	21.64	21.77	21.65	21.77		
15	16QAM	1	74	21.73	21.79	21.79	21.63	21.68		
15	16QAM	36	0	20.68	20.77	20.88	20.86	20.78	22	2
15	16QAM	36	20	20.77	20.69	20.89	20.76	20.79		
15	16QAM	36	39	20.79	20.83	20.80	20.72	20.69		
15	16QAM	75	0	20.69	20.67	20.80	20.66	20.77		
15	64QAM	1	0	20.54	20.50	20.55	20.49	20.48	22	2
15	64QAM	1	37	20.50	20.45	20.54	20.53	20.35		
15	64QAM	1	74	20.37	20.42	20.49	20.48	20.42		
15	64QAM	36	0	19.68	19.77	19.83	19.84	19.86	21	3
15	64QAM	36	20	19.70	19.62	19.77	19.63	19.71		
15	64QAM	36	39	19.66	19.69	19.78	19.63	19.65		
15	64QAM	75	0	19.61	19.71	19.76	19.68	19.68		
15	256QAM	1	0	17.95	17.85	18.07	18.02	17.93	19	5
15	256QAM	1	37	17.79	17.80	17.90	17.84	17.80		
15	256QAM	1	74	17.92	17.94	18.02	17.87	17.88		
15	256QAM	36	0	17.92	17.90	17.91	17.91	17.88	19	5
15	256QAM	36	20	17.95	17.91	18.00	17.83	17.85		
15	256QAM	36	39	17.88	17.84	17.92	17.85	17.94		
15	256QAM	75	0	17.90	17.92	17.95	17.97	17.89		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.77	22.95	22.95	22.83	22.83	24	0
10	QPSK	1	25	22.70	22.75	22.79	22.74	22.63		
10	QPSK	1	49	22.72	22.70	22.74	22.76	22.63		
10	QPSK	25	0	21.75	21.78	21.83	21.69	21.70	23	1
10	QPSK	25	12	21.58	21.66	21.73	21.74	21.55		
10	QPSK	25	25	21.59	21.66	21.73	21.57	21.60		
10	QPSK	50	0	21.59	21.61	21.71	21.61	21.60		
10	16QAM	1	0	21.60	21.68	21.82	21.73	21.73	23	1
10	16QAM	1	25	21.70	21.62	21.77	21.63	21.71		
10	16QAM	1	49	21.71	21.71	21.76	21.73	21.66		
10	16QAM	25	0	20.74	20.71	20.87	20.79	20.76	22	2
10	16QAM	25	12	20.81	20.67	20.89	20.74	20.70		
10	16QAM	25	25	20.75	20.85	20.78	20.69	20.77		
10	16QAM	50	0	20.69	20.60	20.81	20.75	20.73		
10	64QAM	1	0	20.52	20.51	20.62	20.55	20.44	22	2
10	64QAM	1	25	20.46	20.49	20.54	20.44	20.37		
10	64QAM	1	49	20.34	20.38	20.47	20.51	20.40		
10	64QAM	25	0	19.70	19.77	19.84	19.86	19.87	21	3
10	64QAM	25	12	19.66	19.64	19.67	19.65	19.61		
10	64QAM	25	25	19.69	19.77	19.72	19.64	19.72		
10	64QAM	50	0	19.56	19.73	19.82	19.66	19.57		
10	256QAM	1	0	17.96	17.91	18.06	17.91	17.95	19	5
10	256QAM	1	25	17.84	17.88	17.91	17.80	17.72		
10	256QAM	1	49	17.88	17.87	17.98	17.90	17.81		
10	256QAM	25	0	17.90	17.84	17.93	17.97	17.86	19	5
10	256QAM	25	12	17.94	17.85	18.02	17.82	17.96		
10	256QAM	25	25	17.87	17.86	17.97	17.85	17.93		
10	256QAM	50	0	17.91	17.90	17.98	17.94	17.87		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.76	22.94	22.90	22.80	22.81	24	0
5	QPSK	1	12	22.59	22.71	22.81	22.69	22.72		
5	QPSK	1	24	22.70	22.75	22.79	22.82	22.64		
5	QPSK	12	0	21.73	21.74	21.76	21.73	21.66	23	1
5	QPSK	12	7	21.68	21.66	21.72	21.64	21.63		
5	QPSK	12	13	21.65	21.61	21.67	21.59	21.55		
5	QPSK	25	0	21.63	21.70	21.63	21.62	21.67		
5	16QAM	1	0	21.62	21.75	21.82	21.72	21.71	23	1
5	16QAM	1	12	21.70	21.70	21.79	21.68	21.72		
5	16QAM	1	24	21.73	21.74	21.84	21.73	21.72		
5	16QAM	12	0	20.72	20.80	20.84	20.83	20.79	22	2
5	16QAM	12	7	20.78	20.67	20.83	20.77	20.72		
5	16QAM	12	13	20.83	20.82	20.83	20.74	20.81		
5	16QAM	25	0	20.66	20.66	20.81	20.66	20.78		
5	64QAM	1	0	20.50	20.44	20.57	20.50	20.53	22	2
5	64QAM	1	12	20.49	20.54	20.49	20.44	20.46		
5	64QAM	1	24	20.34	20.36	20.54	20.42	20.42		
5	64QAM	12	0	19.72	19.69	19.79	19.81	19.78	21	3
5	64QAM	12	7	19.70	19.65	19.71	19.70	19.70		
5	64QAM	12	13	19.65	19.75	19.82	19.70	19.64		
5	64QAM	25	0	19.59	19.69	19.76	19.71	19.57		
5	256QAM	1	0	17.91	17.94	18.01	17.94	17.90	19	5
5	256QAM	1	12	17.86	17.83	17.93	17.78	17.75		
5	256QAM	1	24	17.97	17.96	18.00	17.89	17.78		
5	256QAM	12	0	17.87	17.84	17.93	17.87	17.85	19	5
5	256QAM	12	7	17.93	17.92	17.98	17.90	17.94		
5	256QAM	12	13	17.87	17.87	17.95	17.96	17.86		
5	256QAM	25	0	17.90	17.88	18.04	17.95	17.93		

Band 41 HPUE For ENDC Ant4 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.30	24.43	24.46	24.38	24.36	25.6	0
20	QPSK	1	49	24.30	24.30	24.35	24.32	24.34		
20	QPSK	1	99	24.17	24.23	24.35	24.22	24.24		
20	QPSK	50	0	24.18	24.34	24.41	24.33	24.31	25	0.6
20	QPSK	50	24	24.19	24.24	24.31	24.27	24.23		
20	QPSK	50	50	24.10	24.19	24.25	24.15	24.13		
20	QPSK	100	0	24.26	24.32	24.38	24.29	24.25		
20	16QAM	1	0	24.22	24.33	24.38	24.27	24.29	25	0.6
20	16QAM	1	49	24.22	24.23	24.25	24.23	24.21		
20	16QAM	1	99	24.04	24.16	24.23	24.10	24.12		
20	16QAM	50	0	23.81	23.83	23.94	23.90	23.86	24	1.6
20	16QAM	50	24	23.71	23.81	23.84	23.80	23.82		
20	16QAM	50	50	23.75	23.80	23.85	23.74	23.72		
20	16QAM	100	0	23.75	23.74	23.81	23.75	23.78		
20	64QAM	1	0	23.70	23.77	23.79	23.67	23.73	24	1.6
20	64QAM	1	49	23.71	23.70	23.76	23.67	23.70		
20	64QAM	1	99	23.71	23.69	23.76	23.65	23.65		
20	64QAM	50	0	22.89	22.87	22.92	22.84	22.82	23	2.6
20	64QAM	50	24	22.78	22.78	22.85	22.82	22.76		
20	64QAM	50	50	22.76	22.72	22.80	22.72	22.75		
20	64QAM	100	0	22.77	22.75	22.85	22.74	22.75		
20	256QAM	1	0	20.58	20.53	20.61	20.56	20.56	21	4.6
20	256QAM	1	49	20.44	20.44	20.48	20.41	20.41		
20	256QAM	1	99	20.47	20.53	20.59	20.45	20.45		
20	256QAM	50	0	20.50	20.52	20.56	20.43	20.51	21	4.6
20	256QAM	50	24	20.44	20.39	20.50	20.43	20.40		
20	256QAM	50	50	20.51	20.42	20.53	20.46	20.40		
20	256QAM	100	0	20.51	20.46	20.54	20.46	20.46		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.18	24.30	24.43	24.32	24.25	26	0
15	QPSK	1	37	24.24	24.17	24.25	24.28	24.24		
15	QPSK	1	74	24.08	24.15	24.26	24.11	24.21		
15	QPSK	36	0	24.08	24.27	24.35	24.21	24.23	25	0.6
15	QPSK	36	20	24.08	24.17	24.18	24.17	24.12		
15	QPSK	36	39	24.01	24.12	24.21	24.09	24.09		
15	QPSK	75	0	24.14	24.20	24.33	24.26	24.16		
15	16QAM	1	0	24.15	24.27	24.25	24.22	24.18	25	0.6
15	16QAM	1	37	24.16	24.18	24.13	24.17	24.18		
15	16QAM	1	74	23.92	24.04	24.11	24.02	24.02		
15	16QAM	36	0	23.75	23.70	23.83	23.84	23.78	24	1.6
15	16QAM	36	20	23.58	23.78	23.75	23.68	23.76		
15	16QAM	36	39	23.69	23.71	23.80	23.72	23.69		
15	16QAM	75	0	23.61	23.66	23.76	23.68	23.72		
15	64QAM	1	0	23.64	23.69	23.68	23.62	23.59	24	1.6
15	64QAM	1	37	23.67	23.62	23.71	23.63	23.63		
15	64QAM	1	74	23.65	23.57	23.70	23.54	23.62		
15	64QAM	36	0	22.77	22.74	22.80	22.76	22.79	23	2.6
15	64QAM	36	20	22.73	22.73	22.75	22.71	22.74		
15	64QAM	36	39	22.73	22.69	22.75	22.64	22.67		
15	64QAM	75	0	22.72	22.66	22.80	22.65	22.65		
15	256QAM	1	0	20.48	20.50	20.54	20.49	20.52	21	4.6
15	256QAM	1	37	20.32	20.39	20.36	20.30	20.35		
15	256QAM	1	74	20.33	20.50	20.54	20.36	20.40		
15	256QAM	36	0	20.40	20.43	20.47	20.37	20.49	21	4.6
15	256QAM	36	20	20.35	20.35	20.48	20.36	20.26		
15	256QAM	36	39	20.40	20.30	20.48	20.38	20.29		
15	256QAM	75	0	20.42	20.38	20.49	20.44	20.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.24	24.32	24.39	24.29	24.32	26	0
10	QPSK	1	25	24.19	24.23	24.23	24.23	24.30		
10	QPSK	1	49	24.04	24.18	24.23	24.11	24.20		
10	QPSK	25	0	24.09	24.25	24.32	24.27	24.24	25	0.6
10	QPSK	25	12	24.13	24.15	24.28	24.16	24.19		
10	QPSK	25	25	24.06	24.15	24.14	24.11	24.07		
10	QPSK	50	0	24.13	24.21	24.32	24.22	24.14		
10	16QAM	1	0	24.16	24.30	24.27	24.20	24.24	25	0.6
10	16QAM	1	25	24.13	24.14	24.13	24.14	24.15		
10	16QAM	1	49	23.96	24.10	24.18	24.02	24.00		
10	16QAM	25	0	23.77	23.72	23.92	23.78	23.76	24	1.6
10	16QAM	25	12	23.61	23.76	23.77	23.66	23.72		
10	16QAM	25	25	23.71	23.71	23.72	23.61	23.66		
10	16QAM	50	0	23.64	23.70	23.68	23.66	23.74		
10	64QAM	1	0	23.64	23.68	23.67	23.62	23.62	24	1.6
10	64QAM	1	25	23.64	23.59	23.71	23.65	23.65		
10	64QAM	1	49	23.65	23.56	23.69	23.53	23.62		
10	64QAM	25	0	22.83	22.76	22.83	22.71	22.70	23	2.6
10	64QAM	25	12	22.67	22.65	22.76	22.74	22.64		
10	64QAM	25	25	22.65	22.59	22.76	22.70	22.72		
10	64QAM	50	0	22.70	22.62	22.73	22.65	22.65		
10	256QAM	1	0	20.52	20.51	20.56	20.52	20.47	21	4.6
10	256QAM	1	25	20.36	20.31	20.37	20.32	20.30		
10	256QAM	1	49	20.40	20.46	20.51	20.42	20.34		
10	256QAM	25	0	20.47	20.50	20.44	20.36	20.47	21	4.6
10	256QAM	25	12	20.41	20.34	20.37	20.35	20.29		
10	256QAM	25	25	20.40	20.32	20.40	20.34	20.31		
10	256QAM	50	0	20.40	20.40	20.42	20.42	20.32		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.21	24.34	24.36	24.27	24.31	26	0
5	QPSK	1	12	24.20	24.24	24.22	24.22	24.23		
5	QPSK	1	24	24.06	24.20	24.31	24.11	24.20		
5	QPSK	12	0	24.06	24.28	24.33	24.29	24.22	25	0.6
5	QPSK	12	7	24.15	24.16	24.20	24.17	24.13		
5	QPSK	12	13	24.04	24.12	24.16	24.09	24.09		
5	QPSK	25	0	24.20	24.28	24.30	24.20	24.16		
5	16QAM	1	0	24.13	24.23	24.28	24.21	24.21	25	0.6
5	16QAM	1	12	24.13	24.18	24.19	24.13	24.12		
5	16QAM	1	24	23.93	24.13	24.12	24.03	24.03		
5	16QAM	12	0	23.78	23.74	23.81	23.88	23.80	24	1.6
5	16QAM	12	7	23.59	23.79	23.72	23.74	23.73		
5	16QAM	12	13	23.65	23.73	23.79	23.72	23.63		
5	16QAM	25	0	23.64	23.62	23.77	23.71	23.76		
5	64QAM	1	0	23.61	23.68	23.72	23.54	23.64	24	1.6
5	64QAM	1	12	23.65	23.57	23.68	23.64	23.56		
5	64QAM	1	24	23.58	23.64	23.70	23.58	23.62		
5	64QAM	12	0	22.77	22.80	22.87	22.79	22.79	23	2.6
5	64QAM	12	7	22.69	22.70	22.80	22.70	22.64		
5	64QAM	12	13	22.63	22.61	22.69	22.66	22.70		
5	64QAM	25	0	22.65	22.64	22.73	22.61	22.61		
5	256QAM	1	0	20.49	20.51	20.50	20.47	20.47	21	4.6
5	256QAM	1	12	20.34	20.39	20.45	20.34	20.35		
5	256QAM	1	24	20.34	20.50	20.53	20.37	20.32		
5	256QAM	12	0	20.37	20.49	20.50	20.33	20.47	21	4.6
5	256QAM	12	7	20.33	20.25	20.44	20.34	20.32		
5	256QAM	12	13	20.37	20.40	20.42	20.32	20.37		
5	256QAM	25	0	20.49	20.34	20.41	20.42	20.36		

Reduced Power Mode for DSI7

GSM850 Ant 0 DSI 7

GSM850	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	31.55	31.66	33.50	22.75	22.55	22.66	24.50
GPRS 1 Tx slot	31.81	31.61	31.78	33.50	22.81	22.61	22.78	24.50
GPRS 2 Tx slots	30.56	30.14	30.51	31.50	24.56	24.14	24.51	25.50
GPRS 3 Tx slots	27.34	27.25	27.33	29.00	23.08	22.99	23.07	24.74
GPRS 4 Tx slots	25.09	25.11	25.05	27.00	22.09	22.11	22.05	24.00
EDGE 1 Tx slot	24.75	24.65	24.96	25.50	15.75	15.65	15.96	16.50
EDGE 2 Tx slots	22.84	22.90	22.99	24.00	16.84	16.90	16.99	18.00
EDGE 3 Tx slots	20.52	20.37	20.36	22.00	16.26	16.11	16.10	17.74
EDGE 4 Tx slots	18.42	18.44	18.76	20.00	15.42	15.44	15.76	17.00

WCDMA V Ant 0 DSI 7

Band		WCDMA V			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	22.24	22.38	22.26	24.00
3GPP Rel 99	RMC 12.2Kbps	22.39	22.43	22.29	24.00
3GPP Rel 6	HSDPA Subtest-1	21.22	21.33	21.18	23.00
3GPP Rel 6	HSDPA Subtest-2	22.13	22.22	22.22	23.00
3GPP Rel 6	HSDPA Subtest-3	21.84	21.81	21.68	22.50
3GPP Rel 6	HSDPA Subtest-4	21.78	21.80	21.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.30	21.32	21.20	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.26	22.18	22.14	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.82	21.90	21.67	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.79	21.74	21.69	22.50
3GPP Rel 6	HSUPA Subtest-1	22.08	22.14	22.06	23.00
3GPP Rel 6	HSUPA Subtest-2	20.30	20.32	20.23	21.00
3GPP Rel 6	HSUPA Subtest-3	21.30	21.34	21.23	22.00
3GPP Rel 6	HSUPA Subtest-4	20.28	20.24	20.19	21.00
3GPP Rel 6	HSUPA Subtest-5	21.31	21.24	21.20	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.76	19.68	19.72	20.50

Band 5 Ant0 DSI 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.61	22.70	22.58	24	0
10	QPSK	1	25	22.60	22.66	22.60		
10	QPSK	1	49	22.41	22.54	22.43		
10	QPSK	25	0	21.56	21.66	21.55	23	1
10	QPSK	25	12	21.57	21.63	21.57		
10	QPSK	25	25	21.59	21.65	21.59		
10	QPSK	50	0	21.41	21.51	21.44		
10	16QAM	1	0	21.78	21.85	21.79	23	1
10	16QAM	1	25	21.73	21.78	21.73		
10	16QAM	1	49	21.79	21.82	21.79		
10	16QAM	25	0	20.51	20.59	20.55	22	2
10	16QAM	25	12	20.54	20.61	20.49		
10	16QAM	25	25	20.57	20.61	20.58		
10	16QAM	50	0	20.56	20.59	20.50		
10	64QAM	1	0	20.66	20.75	20.68	22	2
10	64QAM	1	25	20.88	20.92	20.84		
10	64QAM	1	49	20.68	20.71	20.60		
10	64QAM	25	0	19.53	19.57	19.50	21	3
10	64QAM	25	12	19.57	19.60	19.56		
10	64QAM	25	25	19.62	19.67	19.58		
10	64QAM	50	0	19.52	19.57	19.47		
10	256QAM	1	0	17.75	17.81	17.78	19	5
10	256QAM	1	25	17.65	17.69	17.67		
10	256QAM	1	49	17.62	17.73	17.70		
10	256QAM	25	0	17.58	17.67	17.62	19	5
10	256QAM	25	12	17.58	17.61	17.61		
10	256QAM	25	25	17.59	17.55	17.56		
10	256QAM	50	0	17.59	17.61	17.57		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.50	22.59	22.54	24	0
5	QPSK	1	12	22.57	22.61	22.54		
5	QPSK	1	24	22.31	22.49	22.30		
5	QPSK	12	0	21.50	21.57	21.43	23	1
5	QPSK	12	7	21.55	21.57	21.49		
5	QPSK	12	13	21.53	21.56	21.55		
5	QPSK	25	0	21.29	21.49	21.32		
5	16QAM	1	0	21.76	21.79	21.77	23	1
5	16QAM	1	12	21.65	21.72	21.63		
5	16QAM	1	24	21.68	21.69	21.75		
5	16QAM	12	0	20.40	20.49	20.43	22	2
5	16QAM	12	7	20.48	20.53	20.46		
5	16QAM	12	13	20.52	20.53	20.45		
5	16QAM	25	0	20.48	20.46	20.38		
5	64QAM	1	0	20.57	20.65	20.63	22	2
5	64QAM	1	12	20.82	20.89	20.73		
5	64QAM	1	24	20.63	20.58	20.51		
5	64QAM	12	0	19.46	19.50	19.38	21	3
5	64QAM	12	7	19.54	19.56	19.47		
5	64QAM	12	13	19.49	19.53	19.47		
5	64QAM	25	0	19.39	19.49	19.35		
5	256QAM	1	0	17.70	17.67	17.74	19	5
5	256QAM	1	12	17.53	17.58	17.60		
5	256QAM	1	24	17.55	17.64	17.60		
5	256QAM	12	0	17.44	17.53	17.49	19	5
5	256QAM	12	7	17.50	17.53	17.55		
5	256QAM	12	13	17.56	17.53	17.53		
5	256QAM	25	0	17.56	17.50	17.50		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.50	22.61	22.48	24	0
3	QPSK	1	8	22.46	22.63	22.53		
3	QPSK	1	14	22.29	22.40	22.30		
3	QPSK	8	0	21.44	21.61	21.45	23	1
3	QPSK	8	4	21.48	21.60	21.46		
3	QPSK	8	7	21.47	21.59	21.47		
3	QPSK	15	0	21.37	21.41	21.31		
3	16QAM	1	0	21.76	21.72	21.68	23	1
3	16QAM	1	8	21.68	21.67	21.67		
3	16QAM	1	14	21.71	21.71	21.71		
3	16QAM	8	0	20.40	20.53	20.45	22	2
3	16QAM	8	4	20.48	20.48	20.46		
3	16QAM	8	7	20.48	20.48	20.47		
3	16QAM	15	0	20.50	20.47	20.47		
3	64QAM	1	0	20.55	20.72	20.61	22	2
3	64QAM	1	8	20.78	20.82	20.80		
3	64QAM	1	14	20.66	20.69	20.58		
3	64QAM	8	0	19.45	19.43	19.38	21	3
3	64QAM	8	4	19.46	19.57	19.50		
3	64QAM	8	7	19.52	19.59	19.48		
3	64QAM	15	0	19.39	19.45	19.39		
3	256QAM	1	0	17.65	17.76	17.75	19	5
3	256QAM	1	8	17.62	17.58	17.57		
3	256QAM	1	14	17.57	17.71	17.56		
3	256QAM	8	0	17.49	17.65	17.57	19	5
3	256QAM	8	4	17.55	17.54	17.57		
3	256QAM	8	7	17.56	17.44	17.50		
3	256QAM	15	0	17.52	17.53	17.46		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.53	22.64	22.45	24	0
1.4	QPSK	1	3	22.49	22.59	22.56		
1.4	QPSK	1	5	22.29	22.45	22.31		
1.4	QPSK	3	0	22.52	22.63	22.48		
1.4	QPSK	3	1	22.56	22.54	22.57		
1.4	QPSK	3	3	22.27	22.50	22.31		
1.4	QPSK	6	0	21.45	21.63	21.47	23	1
1.4	16QAM	1	0	21.52	21.49	21.49	23	1
1.4	16QAM	1	3	21.47	21.59	21.55		
1.4	16QAM	1	5	21.44	21.53	21.41		
1.4	16QAM	3	0	21.52	21.59	21.49		
1.4	16QAM	3	1	21.53	21.57	21.51		
1.4	16QAM	3	3	21.48	21.63	21.53		
1.4	16QAM	6	0	20.45	20.54	20.49	22	2
1.4	64QAM	1	0	20.46	20.53	20.39	22	2
1.4	64QAM	1	3	20.53	20.53	20.47		
1.4	64QAM	1	5	20.54	20.52	20.48		
1.4	64QAM	3	0	20.46	20.51	20.43		
1.4	64QAM	3	1	20.50	20.52	20.41		
1.4	64QAM	3	3	20.54	20.55	20.46		
1.4	64QAM	6	0	19.39	19.49	19.36	21	3
1.4	256QAM	1	0	17.65	17.77	17.72	19	5
1.4	256QAM	1	3	17.59	17.59	17.54		
1.4	256QAM	1	5	17.60	17.70	17.57		
1.4	256QAM	3	0	17.54	17.60	17.51		
1.4	256QAM	3	1	17.46	17.53	17.49		
1.4	256QAM	3	3	17.45	17.43	17.43		
1.4	256QAM	6	0	17.51	17.47	17.48	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	22.51	22.60	22.49	24	0
15	QPSK	1	37	22.44	22.55	22.40		
15	QPSK	1	74	22.48	22.51	22.40		
15	QPSK	36	0	21.38	21.48	21.42	23	1
15	QPSK	36	20	21.41	21.42	21.42		
15	QPSK	36	39	21.39	21.38	21.36		
15	QPSK	75	0	21.35	21.45	21.34		
15	16QAM	1	0	21.81	21.88	21.79	23	1
15	16QAM	1	37	21.83	21.84	21.78		
15	16QAM	1	74	21.81	21.76	21.82		
15	16QAM	36	0	20.38	20.49	20.36	22	2
15	16QAM	36	20	20.30	20.41	20.28		
15	16QAM	36	39	20.37	20.40	20.36		
15	16QAM	75	0	20.28	20.39	20.36		
15	64QAM	1	0	20.51	20.57	20.49	22	2
15	64QAM	1	37	20.48	20.57	20.53		
15	64QAM	1	74	20.34	20.38	20.31		
15	64QAM	36	0	19.52	19.59	19.54	21	3
15	64QAM	36	20	19.47	19.53	19.48		
15	64QAM	36	39	19.41	19.53	19.48		
15	64QAM	75	0	19.39	19.49	19.39		
15	256QAM	1	0	17.53	17.63	17.51	19	5
15	256QAM	1	37	17.51	17.58	17.50		
15	256QAM	1	74	17.50	17.56	17.45		
15	256QAM	36	0	17.53	17.57	17.49	19	5
15	256QAM	36	20	17.42	17.52	17.40		
15	256QAM	36	39	17.51	17.56	17.47		
15	256QAM	75	0	17.51	17.56	17.49		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.41	22.56	22.39	24	0
10	QPSK	1	25	22.33	22.47	22.30		
10	QPSK	1	49	22.42	22.42	22.28		
10	QPSK	25	0	21.25	21.43	21.34	23	1
10	QPSK	25	12	21.39	21.34	21.33		
10	QPSK	25	25	21.34	21.31	21.31		
10	QPSK	50	0	21.26	21.42	21.28		
10	16QAM	1	0	21.77	21.82	21.70	23	1
10	16QAM	1	25	21.81	21.81	21.72		
10	16QAM	1	49	21.76	21.71	21.69		
10	16QAM	25	0	20.29	20.40	20.32	22	2
10	16QAM	25	12	20.17	20.32	20.23		
10	16QAM	25	25	20.31	20.30	20.23		
10	16QAM	50	0	20.16	20.30	20.22		
10	64QAM	1	0	20.39	20.54	20.36	22	2
10	64QAM	1	25	20.35	20.46	20.42		
10	64QAM	1	49	20.26	20.26	20.26		
10	64QAM	25	0	19.44	19.50	19.49	21	3
10	64QAM	25	12	19.44	19.45	19.38		
10	64QAM	25	25	19.37	19.40	19.35		
10	64QAM	50	0	19.29	19.42	19.29		
10	256QAM	1	0	17.44	17.53	17.46	19	5
10	256QAM	1	25	17.44	17.55	17.38		
10	256QAM	1	49	17.38	17.53	17.34		
10	256QAM	25	0	17.45	17.49	17.44	19	5
10	256QAM	25	12	17.31	17.43	17.28		
10	256QAM	25	25	17.43	17.54	17.34		
10	256QAM	50	0	17.42	17.44	17.36		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.46	22.50	22.39	24	0
5	QPSK	1	12	22.42	22.48	22.36		
5	QPSK	1	24	22.40	22.42	22.35		
5	QPSK	12	0	21.28	21.40	21.38	23	1
5	QPSK	12	7	21.33	21.38	21.33		
5	QPSK	12	13	21.32	21.33	21.33		
5	QPSK	25	0	21.23	21.33	21.21		
5	16QAM	1	0	21.72	21.75	21.70	23	1
5	16QAM	1	12	21.77	21.74	21.66		
5	16QAM	1	24	21.72	21.71	21.78		
5	16QAM	12	0	20.34	20.41	20.25	22	2
5	16QAM	12	7	20.20	20.29	20.24		
5	16QAM	12	13	20.27	20.35	20.27		
5	16QAM	25	0	20.25	20.37	20.26		
5	64QAM	1	0	20.42	20.53	20.37	22	2
5	64QAM	1	12	20.44	20.48	20.40		
5	64QAM	1	24	20.24	20.25	20.21		
5	64QAM	12	0	19.47	19.55	19.51	21	3
5	64QAM	12	7	19.45	19.40	19.36		
5	64QAM	12	13	19.33	19.43	19.44		
5	64QAM	25	0	19.34	19.41	19.36		
5	256QAM	1	0	17.47	17.51	17.45	19	5
5	256QAM	1	12	17.49	17.48	17.42		
5	256QAM	1	24	17.40	17.48	17.35		
5	256QAM	12	0	17.45	17.46	17.35	19	5
5	256QAM	12	7	17.28	17.49	17.27		
5	256QAM	12	13	17.38	17.48	17.41		
5	256QAM	25	0	17.38	17.45	17.46		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.42	22.49	22.38	24	0
3	QPSK	1	8	22.37	22.53	22.35		
3	QPSK	1	14	22.41	22.45	22.29		
3	QPSK	8	0	21.35	21.37	21.30	23	1
3	QPSK	8	4	21.35	21.29	21.35		
3	QPSK	8	7	21.25	21.25	21.26		
3	QPSK	15	0	21.28	21.35	21.29		
3	16QAM	1	0	21.70	21.79	21.73	23	1
3	16QAM	1	8	21.70	21.79	21.71		
3	16QAM	1	14	21.68	21.70	21.79		
3	16QAM	8	0	20.34	20.42	20.22	22	2
3	16QAM	8	4	20.19	20.33	20.20		
3	16QAM	8	7	20.28	20.36	20.27		
3	16QAM	15	0	20.23	20.36	20.30		
3	64QAM	1	0	20.44	20.52	20.35	22	2
3	64QAM	1	8	20.37	20.43	20.50		
3	64QAM	1	14	20.25	20.25	20.20		
3	64QAM	8	0	19.41	19.55	19.41	21	3
3	64QAM	8	4	19.43	19.40	19.45		
3	64QAM	8	7	19.35	19.46	19.41		
3	64QAM	15	0	19.32	19.38	19.35		
3	256QAM	1	0	17.48	17.59	17.44	19	5
3	256QAM	1	8	17.48	17.46	17.42		
3	256QAM	1	14	17.40	17.45	17.42		
3	256QAM	8	0	17.49	17.50	17.38	19	5
3	256QAM	8	4	17.34	17.45	17.32		
3	256QAM	8	7	17.41	17.53	17.39		
3	256QAM	15	0	17.46	17.48	17.47		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.28	22.40	22.21	24	0
1.4	QPSK	1	3	22.23	22.40	22.38		
1.4	QPSK	1	5	22.13	22.29	22.13		
1.4	QPSK	3	0	22.34	22.47	22.23		
1.4	QPSK	3	1	22.41	22.33	22.34		
1.4	QPSK	3	3	22.03	22.25	22.07		
1.4	QPSK	6	0	21.31	21.39	21.32	23	1
1.4	16QAM	1	0	21.32	21.29	21.28	23	1
1.4	16QAM	1	3	21.27	21.42	21.32		
1.4	16QAM	1	5	21.27	21.30	21.21		
1.4	16QAM	3	0	21.36	21.40	21.34		
1.4	16QAM	3	1	21.32	21.40	21.34		
1.4	16QAM	3	3	21.22	21.40	21.38		
1.4	16QAM	6	0	20.31	20.32	20.34	22	2
1.4	64QAM	1	0	20.21	20.29	20.25	22	2
1.4	64QAM	1	3	20.29	20.29	20.23		
1.4	64QAM	1	5	20.37	20.31	20.26		
1.4	64QAM	3	0	20.23	20.26	20.27		
1.4	64QAM	3	1	20.33	20.27	20.21		
1.4	64QAM	3	3	20.31	20.36	20.26		
1.4	64QAM	6	0	19.15	19.27	19.11	21	3
1.4	256QAM	1	0	17.50	17.54	17.57	19	5
1.4	256QAM	1	3	17.39	17.40	17.29		
1.4	256QAM	1	5	17.45	17.52	17.36		
1.4	256QAM	3	0	17.32	17.44	17.37		
1.4	256QAM	3	1	17.23	17.33	17.31		
1.4	256QAM	3	3	17.28	17.25	17.26		
1.4	256QAM	6	0	17.26	17.25	17.32	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				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.44	22.47	22.43	24	0
20	QPSK	1	49	22.27	22.37	22.28		
20	QPSK	1	99	22.31	22.34	22.27		
20	QPSK	50	0	21.40	21.50	21.42	23	1
20	QPSK	50	24	21.31	21.42	21.38		
20	QPSK	50	50	21.34	21.44	21.38		
20	QPSK	100	0	21.34	21.43	21.38		
20	16QAM	1	0	21.65	21.72	21.62	23	1
20	16QAM	1	49	21.52	21.64	21.52		
20	16QAM	1	99	21.63	21.67	21.56		
20	16QAM	50	0	20.43	20.52	20.45	22	2
20	16QAM	50	24	20.37	20.44	20.34		
20	16QAM	50	50	20.41	20.45	20.35		
20	16QAM	100	0	20.36	20.42	20.34		
20	64QAM	1	0	20.45	20.51	20.45	22	2
20	64QAM	1	49	20.33	20.46	20.42		
20	64QAM	1	99	20.30	20.41	20.35		
20	64QAM	50	0	19.42	19.49	19.41	21	3
20	64QAM	50	24	19.28	19.39	19.36		
20	64QAM	50	50	19.31	19.41	19.29		
20	64QAM	100	0	19.38	19.46	19.40		
20	256QAM	1	0	17.54	17.59	17.51	19	5
20	256QAM	1	49	17.38	17.49	17.43		
20	256QAM	1	99	17.50	17.54	17.41		
20	256QAM	50	0	17.38	17.44	17.38	19	5
20	256QAM	50	24	17.45	17.51	17.46		
20	256QAM	50	50	17.47	17.52	17.41		
20	256QAM	100	0	17.50	17.54	17.47		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.32	22.34	22.30	24	0
15	QPSK	1	37	22.18	22.27	22.19		
15	QPSK	1	74	22.22	22.29	22.21		
15	QPSK	36	0	21.32	21.48	21.34	23	1
15	QPSK	36	20	21.28	21.31	21.25		
15	QPSK	36	39	21.30	21.36	21.27		
15	QPSK	75	0	21.25	21.36	21.25		
15	16QAM	1	0	21.57	21.61	21.50	23	1
15	16QAM	1	37	21.42	21.50	21.43		
15	16QAM	1	74	21.51	21.55	21.48		
15	16QAM	36	0	20.37	20.46	20.31	22	2
15	16QAM	36	20	20.23	20.38	20.22		
15	16QAM	36	39	20.32	20.37	20.28		
15	16QAM	75	0	20.23	20.28	20.20		
15	64QAM	1	0	20.37	20.38	20.36	22	2
15	64QAM	1	37	20.21	20.34	20.32		
15	64QAM	1	74	20.17	20.30	20.30		
15	64QAM	36	0	19.33	19.35	19.28	21	3
15	64QAM	36	20	19.14	19.36	19.26		
15	64QAM	36	39	19.19	19.33	19.17		
15	64QAM	75	0	19.30	19.44	19.35		
15	256QAM	1	0	17.52	17.47	17.39	19	5
15	256QAM	1	37	17.35	17.41	17.31		
15	256QAM	1	74	17.45	17.48	17.28		
15	256QAM	36	0	17.30	17.35	17.28	19	5
15	256QAM	36	20	17.35	17.40	17.35		
15	256QAM	36	39	17.34	17.43	17.34		
15	256QAM	75	0	17.36	17.47	17.39		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.38	22.33	22.40	24	0
10	QPSK	1	25	22.20	22.28	22.19		
10	QPSK	1	49	22.22	22.23	22.23		
10	QPSK	25	0	21.29	21.46	21.40	23	1
10	QPSK	25	12	21.22	21.31	21.27		
10	QPSK	25	25	21.23	21.32	21.30		
10	QPSK	50	0	21.28	21.38	21.24		
10	16QAM	1	0	21.54	21.61	21.57	23	1
10	16QAM	1	25	21.45	21.56	21.45		
10	16QAM	1	49	21.56	21.60	21.50		
10	16QAM	25	0	20.35	20.48	20.41	22	2
10	16QAM	25	12	20.34	20.42	20.26		
10	16QAM	25	25	20.37	20.38	20.25		
10	16QAM	50	0	20.33	20.30	20.22		
10	64QAM	1	0	20.37	20.38	20.37	22	2
10	64QAM	1	25	20.28	20.33	20.36		
10	64QAM	1	49	20.24	20.28	20.27		
10	64QAM	25	0	19.39	19.37	19.36	21	3
10	64QAM	25	12	19.26	19.35	19.24		
10	64QAM	25	25	19.17	19.37	19.20		
10	64QAM	50	0	19.27	19.44	19.36		
10	256QAM	1	0	17.49	17.47	17.49	19	5
10	256QAM	1	25	17.33	17.46	17.32		
10	256QAM	1	49	17.47	17.46	17.30		
10	256QAM	25	0	17.31	17.39	17.36	19	5
10	256QAM	25	12	17.33	17.42	17.35		
10	256QAM	25	25	17.34	17.48	17.30		
10	256QAM	50	0	17.45	17.40	17.36		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.37	22.35	22.36	24	0
5	QPSK	1	12	22.16	22.34	22.21		
5	QPSK	1	24	22.21	22.28	22.19		
5	QPSK	12	0	21.31	21.41	21.29	23	1
5	QPSK	12	7	21.18	21.34	21.28		
5	QPSK	12	13	21.27	21.41	21.29		
5	QPSK	25	0	21.22	21.30	21.33		
5	16QAM	1	0	21.53	21.61	21.49	23	1
5	16QAM	1	12	21.48	21.61	21.47		
5	16QAM	1	24	21.57	21.60	21.47		
5	16QAM	12	0	20.37	20.44	20.40	22	2
5	16QAM	12	7	20.31	20.34	20.25		
5	16QAM	12	13	20.29	20.31	20.30		
5	16QAM	25	0	20.26	20.33	20.28		
5	64QAM	1	0	20.38	20.38	20.38	22	2
5	64QAM	1	12	20.29	20.41	20.30		
5	64QAM	1	24	20.18	20.27	20.28		
5	64QAM	12	0	19.37	19.37	19.28	21	3
5	64QAM	12	7	19.17	19.26	19.26		
5	64QAM	12	13	19.18	19.30	19.23		
5	64QAM	25	0	19.27	19.36	19.28		
5	256QAM	1	0	17.52	17.45	17.39	19	5
5	256QAM	1	12	17.24	17.46	17.35		
5	256QAM	1	24	17.40	17.51	17.37		
5	256QAM	12	0	17.32	17.35	17.27	19	5
5	256QAM	12	7	17.40	17.48	17.41		
5	256QAM	12	13	17.44	17.39	17.28		
5	256QAM	25	0	17.44	17.51	17.45		

GSM1900 Ant 1 DSI 7

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.18	29.46	29.52	30.50	20.18	20.46	20.52	21.50
GPRS 1 Tx slot	29.27	29.41	29.30	30.50	20.27	20.41	20.30	21.50
GPRS 2 Tx slots	26.88	26.91	26.75	28.00	20.88	20.91	20.75	22.00
GPRS 3 Tx slots	24.28	24.58	24.53	26.20	20.02	20.32	20.27	21.94
GPRS 4 Tx slots	23.41	23.57	23.59	24.50	20.41	20.57	20.59	21.50
EDGE 1 Tx slot	25.02	25.34	25.52	26.50	16.02	16.34	16.52	17.50
EDGE 2 Tx slots	22.58	22.89	22.87	24.00	16.58	16.89	16.87	18.00
EDGE 3 Tx slots	21.23	21.32	21.16	22.50	16.97	17.06	16.90	18.24
EDGE 4 Tx slots	18.68	19.00	18.95	20.00	15.68	16.00	15.95	17.00

WCDMA II Ant 1 DSI 7

Band		WCDMA II			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Rx Channel		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.74	19.86	19.71	20.70
3GPP Rel 99	RMC 12.2Kbps	19.87	19.98	19.75	20.70
3GPP Rel 6	HSDPA Subtest-1	18.63	18.75	18.69	19.70
3GPP Rel 6	HSDPA Subtest-2	19.55	19.63	19.69	19.70
3GPP Rel 6	HSDPA Subtest-3	18.81	18.70	18.59	19.20
3GPP Rel 6	HSDPA Subtest-4	18.66	18.71	18.67	19.20
3GPP Rel 8	DC-HSDPA Subtest-1	18.30	18.20	18.02	19.70
3GPP Rel 8	DC-HSDPA Subtest-2	19.13	19.17	19.03	19.70
3GPP Rel 8	DC-HSDPA Subtest-3	18.68	18.78	18.59	19.20
3GPP Rel 8	DC-HSDPA Subtest-4	18.72	18.60	18.58	19.20
3GPP Rel 6	HSUPA Subtest-1	18.96	19.04	18.89	19.70
3GPP Rel 6	HSUPA Subtest-2	17.26	17.19	17.15	17.70
3GPP Rel 6	HSUPA Subtest-3	18.20	18.31	18.21	18.70
3GPP Rel 6	HSUPA Subtest-4	17.26	17.13	17.19	17.70
3GPP Rel 6	HSUPA Subtest-5	18.23	18.20	18.19	19.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.74	16.64	16.67	17.20

Band 2 Ant1 DSI 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.55	19.65	19.57	20.9	0
20	QPSK	1	49	19.29	19.29	19.26		
20	QPSK	1	99	19.24	19.36	19.31		
20	QPSK	50	0	19.43	19.59	19.53	20.9	0
20	QPSK	50	24	19.17	19.21	19.19		
20	QPSK	50	50	19.17	19.32	19.24		
20	QPSK	100	0	19.43	19.56	19.51		
20	16QAM	1	0	19.19	19.25	19.14	20.9	0
20	16QAM	1	49	19.14	19.26	19.26		
20	16QAM	1	99	19.43	19.56	19.46		
20	16QAM	50	0	19.20	19.17	19.19	20.9	0
20	16QAM	50	24	19.19	19.32	19.23		
20	16QAM	50	50	19.49	19.55	19.53		
20	16QAM	100	0	19.52	19.56	19.54		
20	64QAM	1	0	19.44	19.56	19.52	20.9	0
20	64QAM	1	49	19.25	19.25	19.16		
20	64QAM	1	99	19.12	19.32	19.20		
20	64QAM	50	0	19.36	19.48	19.39	20.9	0
20	64QAM	50	24	19.22	19.20	19.07		
20	64QAM	50	50	19.05	19.21	19.12		
20	64QAM	100	0	19.40	19.45	19.43		
20	256QAM	1	0	17.76	17.80	17.74	19	1.9
20	256QAM	1	49	17.70	17.76	17.70		
20	256QAM	1	99	17.64	17.70	17.66		
20	256QAM	50	0	17.76	17.84	17.74	19	1.9
20	256QAM	50	24	17.66	17.74	17.68		
20	256QAM	50	50	17.65	17.69	17.59		
20	256QAM	100	0	17.59	17.71	17.66		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.48	19.61	19.48	20.9	0
15	QPSK	1	37	19.19	19.25	19.14		
15	QPSK	1	74	19.11	19.23	19.19		
15	QPSK	36	0	19.32	19.48	19.46	20.9	0
15	QPSK	36	20	19.13	19.12	19.07		
15	QPSK	36	39	19.06	19.23	19.15		
15	QPSK	75	0	19.32	19.49	19.39		
15	16QAM	1	0	19.11	19.18	19.11	20.9	0
15	16QAM	1	37	19.08	19.22	19.18		
15	16QAM	1	74	19.38	19.49	19.36		
15	16QAM	36	0	19.14	19.10	19.11	20.9	0
15	16QAM	36	20	19.06	19.22	19.12		
15	16QAM	36	39	19.40	19.46	19.42		
15	16QAM	75	0	19.40	19.47	19.42		
15	64QAM	1	0	19.35	19.53	19.42	20.9	0
15	64QAM	1	37	19.16	19.19	19.09		
15	64QAM	1	74	19.02	19.26	19.07		
15	64QAM	36	0	19.16	19.11	19.15	20.9	0
15	64QAM	36	20	19.09	19.27	19.10		
15	64QAM	36	39	19.42	19.43	19.47		
15	64QAM	75	0	19.41	19.45	19.49		
15	256QAM	1	0	17.71	17.76	17.66	19	1.9
15	256QAM	1	37	17.64	17.73	17.57		
15	256QAM	1	74	17.56	17.56	17.57		
15	256QAM	36	0	17.73	17.75	17.63	19	1.9
15	256QAM	36	20	17.62	17.68	17.60		
15	256QAM	36	39	17.53	17.57	17.50		
15	256QAM	75	0	17.54	17.60	17.61		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.48	19.60	19.47	20.9	0
10	QPSK	1	25	19.22	19.24	19.19		
10	QPSK	1	49	19.19	19.28	19.27		
10	QPSK	25	0	19.36	19.46	19.49	20.9	0
10	QPSK	25	12	19.10	19.11	19.09		
10	QPSK	25	25	19.06	19.23	19.19		
10	QPSK	50	0	19.37	19.52	19.42		
10	16QAM	1	0	19.11	19.17	19.02	20.9	0
10	16QAM	1	25	19.09	19.15	19.13		
10	16QAM	1	49	19.31	19.49	19.34		
10	16QAM	25	0	19.15	19.06	19.09	20.9	0
10	16QAM	25	12	19.12	19.23	19.13		
10	16QAM	25	25	19.39	19.48	19.44		
10	16QAM	50	0	19.41	19.52	19.45		
10	64QAM	1	0	19.38	19.52	19.42	20.9	0
10	64QAM	1	25	19.13	19.19	19.10		
10	64QAM	1	49	19.09	19.24	19.17		
10	64QAM	25	0	19.17	19.07	19.09	20.9	0
10	64QAM	25	12	19.09	19.19	19.11		
10	64QAM	25	25	19.39	19.48	19.45		
10	64QAM	50	0	19.47	19.47	19.46		
10	256QAM	1	0	17.72	17.71	17.64	19	1.9
10	256QAM	1	25	17.61	17.64	17.59		
10	256QAM	1	49	17.51	17.58	17.63		
10	256QAM	25	0	17.68	17.79	17.69	19	1.9
10	256QAM	25	12	17.60	17.60	17.62		
10	256QAM	25	25	17.61	17.67	17.50		
10	256QAM	50	0	17.55	17.66	17.60		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.44	19.55	19.53	20.9	0
5	QPSK	1	12	19.26	19.18	19.22		
5	QPSK	1	24	19.18	19.29	19.20		
5	QPSK	12	0	19.38	19.49	19.48	20.9	0
5	QPSK	12	7	19.11	19.10	19.10		
5	QPSK	12	13	19.13	19.28	19.13		
5	QPSK	25	0	19.37	19.44	19.46		
5	16QAM	1	0	19.13	19.17	19.03	20.9	0
5	16QAM	1	12	19.05	19.20	19.15		
5	16QAM	1	24	19.33	19.47	19.39		
5	16QAM	12	0	19.08	19.08	19.14	20.9	0
5	16QAM	12	7	19.08	19.26	19.14		
5	16QAM	12	13	19.37	19.51	19.42		
5	16QAM	25	0	19.43	19.44	19.50		
5	64QAM	1	0	19.37	19.47	19.44	20.9	0
5	64QAM	1	12	19.13	19.18	19.07		
5	64QAM	1	24	19.07	19.19	19.14		
5	64QAM	12	0	19.14	19.11	19.12	20.9	0
5	64QAM	12	7	19.09	19.25	19.10		
5	64QAM	12	13	19.45	19.46	19.47		
5	64QAM	25	0	19.44	19.46	19.41		
5	256QAM	1	0	17.74	17.75	17.65	19	1.9
5	256QAM	1	12	17.63	17.66	17.63		
5	256QAM	1	24	17.61	17.68	17.59		
5	256QAM	12	0	17.62	17.80	17.66	19	1.9
5	256QAM	12	7	17.53	17.65	17.60		
5	256QAM	12	13	17.57	17.57	17.53		
5	256QAM	25	0	17.52	17.64	17.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.51	19.58	19.47	20.9	0
3	QPSK	1	8	19.18	19.20	19.22		
3	QPSK	1	14	19.20	19.29	19.26		
3	QPSK	8	0	19.35	19.54	19.47	20.9	0
3	QPSK	8	4	19.10	19.11	19.07		
3	QPSK	8	7	19.06	19.22	19.20		
3	QPSK	15	0	19.33	19.49	19.39		
3	16QAM	1	0	19.14	19.21	19.02	20.9	0
3	16QAM	1	8	19.09	19.22	19.19		
3	16QAM	1	14	19.34	19.51	19.41		
3	16QAM	8	0	19.11	19.13	19.15	20.9	0
3	16QAM	8	4	19.08	19.24	19.12		
3	16QAM	8	7	19.41	19.47	19.42		
3	16QAM	15	0	19.43	19.51	19.47		
3	64QAM	1	0	19.36	19.49	19.48	20.9	0
3	64QAM	1	8	19.20	19.14	19.12		
3	64QAM	1	14	19.05	19.27	19.08		
3	64QAM	8	0	19.14	19.04	19.11	20.9	0
3	64QAM	8	4	19.11	19.19	19.13		
3	64QAM	8	7	19.38	19.46	19.47		
3	64QAM	15	0	19.42	19.45	19.51		
3	256QAM	1	0	17.67	17.77	17.63	19	1.9
3	256QAM	1	8	17.65	17.71	17.63		
3	256QAM	1	14	17.61	17.63	17.63		
3	256QAM	8	0	17.71	17.81	17.68	19	1.9
3	256QAM	8	4	17.61	17.67	17.66		
3	256QAM	8	7	17.54	17.61	17.53		
3	256QAM	15	0	17.56	17.66	17.56		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.48	19.55	19.48	20.9	0
1.4	QPSK	1	3	19.16	19.26	19.23		
1.4	QPSK	1	5	19.17	19.33	19.25		
1.4	QPSK	3	0	19.35	19.47	19.47		
1.4	QPSK	3	1	19.06	19.15	19.09		
1.4	QPSK	3	3	19.06	19.29	19.14		
1.4	QPSK	6	0	19.30	19.49	19.46	20.9	0
1.4	16QAM	1	0	19.08	19.16	19.03	20.9	0
1.4	16QAM	1	3	19.04	19.15	19.16		
1.4	16QAM	1	5	19.36	19.44	19.34		
1.4	16QAM	3	0	19.14	19.08	19.07		
1.4	16QAM	3	1	19.14	19.20	19.17		
1.4	16QAM	3	3	19.41	19.47	19.46		
1.4	16QAM	6	0	19.49	19.48	19.42	20.9	0
1.4	64QAM	1	0	19.37	19.47	19.39	20.9	0
1.4	64QAM	1	3	19.18	19.21	19.09		
1.4	64QAM	1	5	19.07	19.20	19.09		
1.4	64QAM	3	0	19.32	19.45	19.42		
1.4	64QAM	3	1	19.13	19.19	19.09		
1.4	64QAM	3	3	19.06	19.26	19.10		
1.4	64QAM	6	0	19.15	19.25	19.15	20.9	0
1.4	256QAM	1	0	17.72	17.66	17.63	19	1.9
1.4	256QAM	1	3	17.59	17.71	17.61		
1.4	256QAM	1	5	17.52	17.58	17.60		
1.4	256QAM	3	0	17.65	17.82	17.65		
1.4	256QAM	3	1	17.64	17.67	17.58		
1.4	256QAM	3	3	17.59	17.57	17.52		
1.4	256QAM	6	0	17.51	17.64	17.57	19	1.9

Band 7 Ant1 DSI 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.56	20.71	20.63	21.8	0
20	QPSK	1	49	20.50	20.63	20.58		
20	QPSK	1	99	20.42	20.64	20.42		
20	QPSK	50	0	20.47	20.68	20.55	21.8	0
20	QPSK	50	24	20.44	20.52	20.51		
20	QPSK	50	50	20.33	20.55	20.38		
20	QPSK	100	0	20.52	20.60	20.56		
20	16QAM	1	0	20.42	20.52	20.45	21.8	0
20	16QAM	1	49	20.32	20.56	20.30		
20	16QAM	1	99	20.51	20.68	20.57		
20	16QAM	50	0	20.39	20.55	20.54	21.8	0
20	16QAM	50	24	20.37	20.57	20.33		
20	16QAM	50	50	20.60	20.66	20.60		
20	16QAM	100	0	20.55	20.67	20.57		
20	64QAM	1	0	20.52	20.63	20.53	21.8	0
20	64QAM	1	49	20.46	20.53	20.54		
20	64QAM	1	99	20.38	20.53	20.38		
20	64QAM	50	0	19.57	19.64	19.55	21	0.8
20	64QAM	50	24	19.44	19.52	19.44		
20	64QAM	50	50	19.43	19.53	19.45		
20	64QAM	100	0	19.42	19.54	19.45		
20	256QAM	1	0	17.62	17.70	17.61	19	2.8
20	256QAM	1	49	17.54	17.60	17.50		
20	256QAM	1	99	17.44	17.57	17.48		
20	256QAM	50	0	17.54	17.63	17.51	19	2.8
20	256QAM	50	24	17.43	17.48	17.43		
20	256QAM	50	50	17.41	17.54	17.49		
20	256QAM	100	0	17.41	17.54	17.48		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.52	20.68	20.51	21.8	0
15	QPSK	1	37	20.44	20.54	20.51		
15	QPSK	1	74	20.30	20.55	20.34		
15	QPSK	36	0	20.44	20.64	20.47	21.8	0
15	QPSK	36	20	20.36	20.40	20.42		
15	QPSK	36	39	20.21	20.45	20.34		
15	QPSK	75	0	20.43	20.54	20.44		
15	16QAM	1	0	20.39	20.43	20.38	21.8	0
15	16QAM	1	37	20.25	20.50	20.18		
15	16QAM	1	74	20.44	20.61	20.46		
15	16QAM	36	0	20.30	20.48	20.47	21.8	0
15	16QAM	36	20	20.34	20.53	20.21		
15	16QAM	36	39	20.51	20.58	20.55		
15	16QAM	75	0	20.49	20.55	20.53		
15	64QAM	1	0	20.42	20.60	20.44	21.8	0
15	64QAM	1	37	20.34	20.45	20.47		
15	64QAM	1	74	20.29	20.49	20.35		
15	64QAM	36	0	19.51	19.56	19.54	21	0.8
15	64QAM	36	20	19.40	19.54	19.46		
15	64QAM	36	39	19.36	19.47	19.36		
15	64QAM	75	0	19.41	19.47	19.38		
15	256QAM	1	0	17.44	17.56	17.47	19	2.8
15	256QAM	1	37	17.40	17.48	17.33		
15	256QAM	1	74	17.31	17.38	17.35		
15	256QAM	36	0	17.51	17.54	17.38	19	2.8
15	256QAM	36	20	17.40	17.46	17.35		
15	256QAM	36	39	17.38	17.51	17.42		
15	256QAM	75	0	17.34	17.40	17.43		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.44	20.60	20.51	21.8	0
10	QPSK	1	25	20.39	20.57	20.52		
10	QPSK	1	49	20.32	20.61	20.30		
10	QPSK	25	0	20.38	20.64	20.45	21.8	0
10	QPSK	25	12	20.36	20.48	20.43		
10	QPSK	25	25	20.29	20.51	20.27		
10	QPSK	50	0	20.43	20.48	20.45		
10	16QAM	1	0	20.36	20.47	20.40	21.8	0
10	16QAM	1	25	20.20	20.43	20.24		
10	16QAM	1	49	20.42	20.59	20.46		
10	16QAM	25	0	20.33	20.51	20.41	21.8	0
10	16QAM	25	12	20.25	20.44	20.21		
10	16QAM	25	25	20.50	20.61	20.53		
10	16QAM	50	0	20.51	20.56	20.51		
10	64QAM	1	0	20.46	20.54	20.40	21.8	0
10	64QAM	1	25	20.39	20.41	20.46		
10	64QAM	1	49	20.25	20.45	20.33		
10	64QAM	25	0	19.53	19.52	19.50	21	0.8
10	64QAM	25	12	19.31	19.45	19.40		
10	64QAM	25	25	19.36	19.44	19.33		
10	64QAM	50	0	19.38	19.42	19.32		
10	256QAM	1	0	17.54	17.58	17.53	19	2.8
10	256QAM	1	25	17.45	17.57	17.42		
10	256QAM	1	49	17.36	17.43	17.42		
10	256QAM	25	0	17.42	17.53	17.39	19	2.8
10	256QAM	25	12	17.31	17.36	17.31		
10	256QAM	25	25	17.34	17.45	17.46		
10	256QAM	50	0	17.39	17.48	17.34		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.44	20.67	20.51	21.8	0
5	QPSK	1	12	20.40	20.55	20.49		
5	QPSK	1	24	20.38	20.55	20.33		
5	QPSK	12	0	20.37	20.58	20.44	21.8	0
5	QPSK	12	7	20.37	20.43	20.39		
5	QPSK	12	13	20.24	20.52	20.35		
5	QPSK	25	0	20.42	20.50	20.47		
5	16QAM	1	0	20.32	20.44	20.37	21.8	0
5	16QAM	1	12	20.19	20.51	20.21		
5	16QAM	1	24	20.40	20.63	20.52		
5	16QAM	12	0	20.35	20.45	20.50	21.8	0
5	16QAM	12	7	20.28	20.54	20.21		
5	16QAM	12	13	20.50	20.53	20.49		
5	16QAM	25	0	20.48	20.56	20.45		
5	64QAM	1	0	20.41	20.58	20.45	21.8	0
5	64QAM	1	12	20.40	20.40	20.43		
5	64QAM	1	24	20.35	20.45	20.27		
5	64QAM	12	0	19.53	19.55	19.47	21	0.8
5	64QAM	12	7	19.31	19.40	19.40		
5	64QAM	12	13	19.39	19.42	19.34		
5	64QAM	25	0	19.33	19.49	19.38		
5	256QAM	1	0	17.59	17.65	17.54	19	2.8
5	256QAM	1	12	17.41	17.47	17.43		
5	256QAM	1	24	17.41	17.53	17.37		
5	256QAM	12	0	17.46	17.56	17.42	19	2.8
5	256QAM	12	7	17.30	17.41	17.35		
5	256QAM	12	13	17.38	17.42	17.43		
5	256QAM	25	0	17.34	17.51	17.43		

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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	21.10	21.37	21.16	22.4	0
20	QPSK	1	49	21.11	21.29	21.15		
20	QPSK	1	99	21.13	21.23	21.15		
20	QPSK	50	0	21.04	21.34	21.09	22.4	0
20	QPSK	50	24	21.11	21.19	21.06		
20	QPSK	50	50	21.08	21.10	21.04		
20	QPSK	100	0	21.00	21.31	21.10		
20	16QAM	1	0	21.14	21.20	21.07	22.4	0
20	16QAM	1	49	21.11	21.09	21.04		
20	16QAM	1	99	21.17	21.14	21.03		
20	16QAM	50	0	20.63	20.66	20.57	22	0.4
20	16QAM	50	24	20.48	20.55	20.43		
20	16QAM	50	50	20.44	20.54	20.46		
20	16QAM	100	0	20.56	20.59	20.51		
20	64QAM	1	0	20.66	20.74	20.61	22	0.4
20	64QAM	1	49	20.70	20.74	20.63		
20	64QAM	1	99	20.47	20.58	20.49		
20	64QAM	50	0	19.53	19.65	19.59	21	1.4
20	64QAM	50	24	19.57	19.59	19.55		
20	64QAM	50	50	19.51	19.61	19.49		
20	64QAM	100	0	19.53	19.56	19.43		
20	256QAM	1	0	17.56	17.68	17.64	19	3.4
20	256QAM	1	49	17.50	17.58	17.52		
20	256QAM	1	99	17.45	17.57	17.51		
20	256QAM	50	0	17.52	17.63	17.61	19	3.4
20	256QAM	50	24	17.46	17.60	17.48		
20	256QAM	50	50	17.45	17.58	17.49		
20	256QAM	100	0	17.40	17.53	17.46		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.00	21.29	21.12	22.4	0
15	QPSK	1	37	21.03	21.20	21.08		
15	QPSK	1	74	21.09	21.20	21.07		
15	QPSK	36	0	20.96	21.32	20.99	22.4	0
15	QPSK	36	20	21.04	21.11	21.04		
15	QPSK	36	39	21.00	21.09	20.99		
15	QPSK	75	0	20.95	21.27	21.06		
15	16QAM	1	0	21.12	21.12	21.04	22.4	0
15	16QAM	1	37	21.05	20.98	20.93		
15	16QAM	1	74	21.08	21.10	20.97		
15	16QAM	36	0	20.53	20.55	20.53	22	0.4
15	16QAM	36	20	20.37	20.49	20.39		
15	16QAM	36	39	20.32	20.52	20.33		
15	16QAM	75	0	20.43	20.49	20.41		
15	64QAM	1	0	20.59	20.64	20.55	22	0.4
15	64QAM	1	37	20.57	20.65	20.58		
15	64QAM	1	74	20.41	20.54	20.38		
15	64QAM	36	0	19.42	19.60	19.57	21	1.4
15	64QAM	36	20	19.47	19.53	19.49		
15	64QAM	36	39	19.46	19.51	19.36		
15	64QAM	75	0	19.50	19.54	19.34		
15	256QAM	1	0	17.45	17.62	17.53	19	3.4
15	256QAM	1	37	17.47	17.55	17.44		
15	256QAM	1	74	17.34	17.49	17.41		
15	256QAM	36	0	17.48	17.49	17.51	19	3.4
15	256QAM	36	20	17.43	17.53	17.43		
15	256QAM	36	39	17.40	17.44	17.45		
15	256QAM	75	0	17.34	17.41	17.38		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.07	21.35	21.06	22.4	0
10	QPSK	1	25	21.08	21.22	21.06		
10	QPSK	1	49	21.12	21.19	21.07		
10	QPSK	25	0	20.99	21.28	21.04	22.4	0
10	QPSK	25	12	21.02	21.13	20.96		
10	QPSK	25	25	21.04	21.05	20.98		
10	QPSK	50	0	20.96	21.28	21.01		
10	16QAM	1	0	21.12	21.19	21.06	22.4	0
10	16QAM	1	25	21.05	21.07	21.01		
10	16QAM	1	49	21.11	21.10	21.01		
10	16QAM	25	0	20.59	20.53	20.51	22	0.4
10	16QAM	25	12	20.44	20.50	20.34		
10	16QAM	25	25	20.37	20.52	20.33		
10	16QAM	50	0	20.53	20.50	20.43		
10	64QAM	1	0	20.56	20.65	20.57	22	0.4
10	64QAM	1	25	20.56	20.60	20.51		
10	64QAM	1	49	20.37	20.51	20.39		
10	64QAM	25	0	19.50	19.58	19.52	21	1.4
10	64QAM	25	12	19.50	19.47	19.45		
10	64QAM	25	25	19.37	19.55	19.45		
10	64QAM	50	0	19.48	19.50	19.38		
10	256QAM	1	0	17.45	17.58	17.61	19	3.4
10	256QAM	1	25	17.41	17.51	17.43		
10	256QAM	1	49	17.39	17.43	17.47		
10	256QAM	25	0	17.47	17.58	17.58	19	3.4
10	256QAM	25	12	17.38	17.55	17.45		
10	256QAM	25	25	17.42	17.50	17.43		
10	256QAM	50	0	17.37	17.42	17.40		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.09	21.30	21.11	22.4	0
5	QPSK	1	12	21.01	21.21	21.11		
5	QPSK	1	24	21.05	21.17	21.07		
5	QPSK	12	0	20.99	21.25	21.04	22.4	0
5	QPSK	12	7	21.08	21.15	21.04		
5	QPSK	12	13	21.06	21.03	20.95		
5	QPSK	25	0	20.96	21.21	21.02		
5	16QAM	1	0	21.11	21.12	20.98	22.4	0
5	16QAM	1	12	21.01	21.06	21.01		
5	16QAM	1	24	21.11	21.08	20.95		
5	16QAM	12	0	20.55	20.55	20.50	22	0.4
5	16QAM	12	7	20.35	20.49	20.32		
5	16QAM	12	13	20.32	20.43	20.43		
5	16QAM	25	0	20.53	20.49	20.38		
5	64QAM	1	0	20.53	20.63	20.48	22	0.4
5	64QAM	1	12	20.59	20.70	20.60		
5	64QAM	1	24	20.45	20.51	20.47		
5	64QAM	12	0	19.48	19.60	19.55	21	1.4
5	64QAM	12	7	19.49	19.56	19.41		
5	64QAM	12	13	19.41	19.54	19.45		
5	64QAM	25	0	19.50	19.44	19.37		
5	256QAM	1	0	17.46	17.60	17.51	19	3.4
5	256QAM	1	12	17.44	17.44	17.46		
5	256QAM	1	24	17.41	17.46	17.40		
5	256QAM	12	0	17.43	17.52	17.57	19	3.4
5	256QAM	12	7	17.37	17.56	17.45		
5	256QAM	12	13	17.41	17.46	17.39		
5	256QAM	25	0	17.35	17.40	17.41		

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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	21.14	21.40	21.18	21.25	22.4	0
20	QPSK	1	49	21.09	21.22	21.31	21.18	21.19		
20	QPSK	1	99	21.18	21.21	21.24	21.19	21.24		
20	QPSK	50	0	21.10	21.06	21.36	21.14	21.15	22.4	0
20	QPSK	50	24	21.06	21.17	21.22	21.10	21.18		
20	QPSK	50	50	21.10	21.12	21.17	21.09	21.20		
20	QPSK	100	0	21.09	21.07	21.34	21.13	21.19		
20	16QAM	1	0	21.05	21.17	21.26	21.10	21.10	22.4	0
20	16QAM	1	49	21.11	21.19	21.20	21.13	21.23		
20	16QAM	1	99	21.07	21.18	21.23	21.12	21.12		
20	16QAM	50	0	20.67	20.69	20.72	20.69	20.60	22	0.4
20	16QAM	50	24	20.52	20.53	20.65	20.53	20.55		
20	16QAM	50	50	20.58	20.51	20.65	20.55	20.55		
20	16QAM	100	0	20.53	20.61	20.65	20.55	20.58		
20	64QAM	1	0	20.84	20.87	20.90	20.85	20.84	22	0.4
20	64QAM	1	49	20.54	20.57	20.68	20.60	20.56		
20	64QAM	1	99	20.60	20.61	20.69	20.57	20.65		
20	64QAM	50	0	19.70	19.66	19.72	19.65	19.58	21	1.4
20	64QAM	50	24	19.49	19.56	19.59	19.57	19.45		
20	64QAM	50	50	19.61	19.59	19.67	19.55	19.54		
20	64QAM	100	0	19.50	19.50	19.64	19.52	19.53		
20	256QAM	1	0	17.55	17.55	17.66	17.57	17.62	19	3.4
20	256QAM	1	49	17.50	17.51	17.57	17.45	17.43		
20	256QAM	1	99	17.45	17.52	17.57	17.48	17.51		
20	256QAM	50	0	17.61	17.65	17.67	17.61	17.59	19	3.4
20	256QAM	50	24	17.45	17.43	17.55	17.42	17.43		
20	256QAM	50	50	17.49	17.43	17.53	17.39	17.51		
20	256QAM	100	0	17.54	17.50	17.61	17.48	17.49		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.15	21.04	21.31	21.13	21.23	22	0
15	QPSK	1	37	21.05	21.17	21.21	21.10	21.14		
15	QPSK	1	74	21.08	21.14	21.15	21.12	21.17		
15	QPSK	36	0	21.08	20.96	21.35	21.04	21.08	22.4	0
15	QPSK	36	20	20.96	21.15	21.13	21.05	21.16		
15	QPSK	36	39	21.05	21.09	21.09	20.99	21.17		
15	QPSK	75	0	21.04	20.96	21.31	21.03	21.11		
15	16QAM	1	0	21.03	21.11	21.23	21.09	21.03	22.4	0
15	16QAM	1	37	21.06	21.11	21.10	21.10	21.18		
15	16QAM	1	74	20.98	21.08	21.13	21.10	21.10		
15	16QAM	36	0	20.61	20.56	20.61	20.63	20.52	22	0.4
15	16QAM	36	20	20.46	20.41	20.52	20.43	20.50		
15	16QAM	36	39	20.56	20.42	20.57	20.52	20.48		
15	16QAM	75	0	20.40	20.58	20.60	20.44	20.51		
15	64QAM	1	0	20.73	20.76	20.77	20.77	20.80	22	0.4
15	64QAM	1	37	20.44	20.44	20.61	20.49	20.44		
15	64QAM	1	74	20.57	20.58	20.63	20.52	20.58		
15	64QAM	36	0	19.57	19.64	19.68	19.53	19.51	21	1.4
15	64QAM	36	20	19.42	19.47	19.55	19.49	19.39		
15	64QAM	36	39	19.49	19.51	19.56	19.50	19.40		
15	64QAM	75	0	19.40	19.41	19.58	19.42	19.46		
15	256QAM	1	0	17.43	17.42	17.54	17.43	17.54	19	3.4
15	256QAM	1	37	17.46	17.42	17.53	17.37	17.39		
15	256QAM	1	74	17.35	17.45	17.54	17.43	17.47		
15	256QAM	36	0	17.51	17.60	17.61	17.58	17.45	19	3.4
15	256QAM	36	20	17.34	17.32	17.49	17.37	17.32		
15	256QAM	36	39	17.38	17.31	17.40	17.26	17.44		
15	256QAM	75	0	17.48	17.37	17.50	17.36	17.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.17	21.08	21.36	21.08	21.20	22	0
10	QPSK	1	25	21.05	21.17	21.21	21.10	21.17		
10	QPSK	1	49	21.16	21.20	21.14	21.14	21.15		
10	QPSK	25	0	21.00	20.95	21.32	21.07	21.06	22.4	0
10	QPSK	25	12	21.05	21.07	21.12	21.07	21.12		
10	QPSK	25	25	20.99	21.09	21.12	21.03	21.13		
10	QPSK	50	0	21.03	21.01	21.24	21.09	21.11		
10	16QAM	1	0	21.03	21.15	21.19	21.05	21.03	22.4	0
10	16QAM	1	25	21.09	21.14	21.09	21.03	21.21		
10	16QAM	1	49	21.01	21.15	21.18	21.10	21.06		
10	16QAM	25	0	20.64	20.55	20.62	20.58	20.48	22	0.4
10	16QAM	25	12	20.46	20.41	20.59	20.40	20.52		
10	16QAM	25	25	20.47	20.37	20.53	20.47	20.46		
10	16QAM	50	0	20.39	20.50	20.54	20.49	20.49		
10	64QAM	1	0	20.76	20.79	20.83	20.77	20.77	22	0.4
10	64QAM	1	25	20.41	20.47	20.58	20.49	20.43		
10	64QAM	1	49	20.52	20.56	20.57	20.47	20.61		
10	64QAM	25	0	19.58	19.56	19.67	19.59	19.53	21	1.4
10	64QAM	25	12	19.45	19.47	19.46	19.45	19.32		
10	64QAM	25	25	19.51	19.49	19.58	19.45	19.45		
10	64QAM	50	0	19.43	19.43	19.53	19.38	19.40		
10	256QAM	1	0	17.50	17.46	17.55	17.51	17.56	19	3.4
10	256QAM	1	25	17.41	17.44	17.48	17.41	17.31		
10	256QAM	1	49	17.41	17.41	17.46	17.36	17.42		
10	256QAM	25	0	17.48	17.59	17.54	17.51	17.53	19	3.4
10	256QAM	25	12	17.40	17.35	17.47	17.29	17.40		
10	256QAM	25	25	17.40	17.38	17.41	17.35	17.38		
10	256QAM	50	0	17.49	17.38	17.53	17.41	17.41		
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	21.14	21.09	21.34	21.15	21.16	22	0
5	QPSK	1	12	21.01	21.14	21.22	21.14	21.10		
5	QPSK	1	24	21.15	21.18	21.19	21.10	21.20		
5	QPSK	12	0	21.07	21.05	21.31	21.06	21.05	22.4	0
5	QPSK	12	7	20.98	21.07	21.19	21.06	21.15		
5	QPSK	12	13	21.04	21.10	21.06	21.00	21.12		
5	QPSK	25	0	21.01	20.96	21.28	21.07	21.16		
5	16QAM	1	0	21.03	21.11	21.19	21.04	21.07	22.4	0
5	16QAM	1	12	21.00	21.12	21.14	21.11	21.19		
5	16QAM	1	24	21.06	21.12	21.19	21.09	21.02		
5	16QAM	12	0	20.59	20.62	20.64	20.63	20.52	22	0.4
5	16QAM	12	7	20.43	20.40	20.62	20.44	20.45		
5	16QAM	12	13	20.45	20.42	20.62	20.50	20.42		
5	16QAM	25	0	20.48	20.47	20.62	20.46	20.52		
5	64QAM	1	0	20.73	20.84	20.88	20.80	20.78	22	0.4
5	64QAM	1	12	20.50	20.52	20.55	20.47	20.53		
5	64QAM	1	24	20.57	20.48	20.63	20.47	20.61		
5	64QAM	12	0	19.66	19.62	19.64	19.54	19.53	21	1.4
5	64QAM	12	7	19.43	19.50	19.49	19.44	19.39		
5	64QAM	12	13	19.56	19.49	19.64	19.43	19.52		
5	64QAM	25	0	19.39	19.41	19.52	19.41	19.43		
5	256QAM	1	0	17.53	17.51	17.59	17.51	17.59	19	3.4
5	256QAM	1	12	17.45	17.44	17.47	17.35	17.38		
5	256QAM	1	24	17.33	17.41	17.45	17.39	17.39		
5	256QAM	12	0	17.55	17.52	17.59	17.55	17.54	19	3.4
5	256QAM	12	7	17.35	17.38	17.52	17.36	17.38		
5	256QAM	12	13	17.40	17.41	17.43	17.32	17.38		
5	256QAM	25	0	17.40	17.46	17.48	17.43	17.43		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.74	22.75	22.98	22.79	22.93	24	0
20	QPSK	1	49	22.71	22.84	22.94	22.74	22.83		
20	QPSK	1	99	22.81	22.82	22.86	22.79	22.79		
20	QPSK	50	0	22.72	22.70	22.95	22.75	22.80	24	0
20	QPSK	50	24	22.69	22.79	22.82	22.71	22.82		
20	QPSK	50	50	22.68	22.75	22.74	22.72	22.79		
20	QPSK	100	0	22.66	22.67	22.88	22.75	22.82		
20	16QAM	1	0	22.65	22.79	22.81	22.65	22.73	24	0
20	16QAM	1	49	22.76	22.84	22.82	22.76	22.87		
20	16QAM	1	99	22.67	22.74	22.82	22.71	22.71		
20	16QAM	50	0	22.65	22.61	22.89	22.74	22.70	24	0
20	16QAM	50	24	22.64	22.68	22.76	22.67	22.73		
20	16QAM	50	50	22.57	22.66	22.71	22.67	22.77		
20	16QAM	100	0	22.65	22.68	22.87	22.68	22.74		
20	64QAM	1	0	22.61	22.77	22.75	22.63	22.79	24	0
20	64QAM	1	49	22.66	22.66	22.68	22.62	22.75		
20	64QAM	1	99	22.66	22.71	22.65	22.70	22.70		
20	64QAM	50	0	22.54	22.56	22.68	22.65	22.54	24	0
20	64QAM	50	24	22.51	22.59	22.64	22.57	22.50		
20	64QAM	50	50	22.48	22.42	22.55	22.52	22.51		
20	64QAM	100	0	22.53	22.53	22.66	22.62	22.52		
20	256QAM	1	0	20.70	20.74	20.82	20.72	20.78	22	2
20	256QAM	1	49	20.75	20.72	20.79	20.73	20.68		
20	256QAM	1	99	20.71	20.65	20.75	20.69	20.65		
20	256QAM	50	0	20.67	20.66	20.69	20.64	20.58	22	2
20	256QAM	50	24	20.71	20.66	20.79	20.69	20.66		
20	256QAM	50	50	20.72	20.70	20.79	20.72	20.72		
20	256QAM	100	0	20.68	20.68	20.72	20.60	20.68		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.72	22.65	22.96	22.77	22.91	24	0
15	QPSK	1	37	22.64	22.75	22.88	22.64	22.73		
15	QPSK	1	74	22.80	22.76	22.77	22.76	22.69		
15	QPSK	36	0	22.66	22.62	22.86	22.74	22.72	24	0
15	QPSK	36	20	22.65	22.70	22.76	22.63	22.73		
15	QPSK	36	39	22.61	22.73	22.69	22.62	22.68		
15	QPSK	75	0	22.63	22.59	22.84	22.73	22.79		
15	16QAM	1	0	22.58	22.73	22.72	22.59	22.66	24	0
15	16QAM	1	37	22.68	22.75	22.79	22.72	22.82		
15	16QAM	1	74	22.57	22.68	22.75	22.68	22.64		
15	16QAM	36	0	22.64	22.61	22.93	22.72	22.77	24	0
15	16QAM	36	20	22.64	22.70	22.76	22.64	22.72		
15	16QAM	36	39	22.62	22.69	22.66	22.62	22.71		
15	16QAM	75	0	22.63	22.60	22.94	22.68	22.73		
15	64QAM	1	0	22.67	22.73	22.75	22.63	22.78	24	0
15	64QAM	1	37	22.63	22.69	22.69	22.65	22.71		
15	64QAM	1	74	22.59	22.72	22.68	22.64	22.73		
15	64QAM	36	0	22.42	22.47	22.64	22.52	22.41	24	0
15	64QAM	36	20	22.41	22.51	22.61	22.45	22.41		
15	64QAM	36	39	22.39	22.29	22.51	22.48	22.46		
15	64QAM	75	0	22.47	22.44	22.56	22.56	22.41		
15	256QAM	1	0	20.62	20.64	20.73	20.64	20.70	22	2
15	256QAM	1	37	20.62	20.65	20.69	20.63	20.60		
15	256QAM	1	74	20.65	20.51	20.66	20.65	20.60		
15	256QAM	36	0	20.59	20.64	20.64	20.54	20.53	22	2
15	256QAM	36	20	20.65	20.57	20.74	20.62	20.56		
15	256QAM	36	39	20.67	20.66	20.67	20.59	20.65		
15	256QAM	75	0	20.59	20.61	20.58	20.48	20.60		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.70	22.69	22.92	22.68	22.83	24	0
10	QPSK	1	25	22.63	22.78	22.85	22.69	22.76		
10	QPSK	1	49	22.71	22.81	22.85	22.75	22.77		
10	QPSK	25	0	22.65	22.59	22.88	22.74	22.69	24	0
10	QPSK	25	12	22.65	22.74	22.72	22.68	22.81		
10	QPSK	25	25	22.59	22.71	22.65	22.67	22.76		
10	QPSK	50	0	22.56	22.63	22.82	22.67	22.78		
10	16QAM	1	0	22.62	22.70	22.71	22.61	22.70	24	0
10	16QAM	1	25	22.75	22.80	22.80	22.67	22.78		
10	16QAM	1	49	22.61	22.70	22.75	22.65	22.67		
10	16QAM	25	0	22.71	22.66	22.91	22.71	22.72	24	0
10	16QAM	25	12	22.67	22.76	22.79	22.68	22.79		
10	16QAM	25	25	22.63	22.71	22.71	22.70	22.72		
10	16QAM	50	0	22.65	22.66	22.89	22.72	22.74		
10	64QAM	1	0	22.62	22.70	22.74	22.63	22.72	24	0
10	64QAM	1	25	22.60	22.68	22.73	22.64	22.72		
10	64QAM	1	49	22.64	22.64	22.69	22.71	22.70		
10	64QAM	25	0	22.48	22.43	22.61	22.57	22.46	24	0
10	64QAM	25	12	22.39	22.48	22.52	22.44	22.44		
10	64QAM	25	25	22.39	22.34	22.53	22.38	22.43		
10	64QAM	50	0	22.46	22.49	22.61	22.51	22.44		
10	256QAM	1	0	20.57	20.70	20.75	20.60	20.72	22	2
10	256QAM	1	25	20.70	20.66	20.77	20.67	20.62		
10	256QAM	1	49	20.66	20.56	20.62	20.64	20.60		
10	256QAM	25	0	20.57	20.63	20.62	20.57	20.55	22	2
10	256QAM	25	12	20.66	20.61	20.70	20.56	20.63		
10	256QAM	25	25	20.63	20.66	20.73	20.61	20.64		
10	256QAM	50	0	20.56	20.55	20.67	20.56	20.65		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.64	22.72	22.90	22.78	22.88	24	0
5	QPSK	1	12	22.68	22.76	22.88	22.66	22.77		
5	QPSK	1	24	22.72	22.76	22.80	22.71	22.71		
5	QPSK	12	0	22.69	22.68	22.85	22.68	22.73	24	0
5	QPSK	12	7	22.60	22.74	22.80	22.67	22.81		
5	QPSK	12	13	22.60	22.67	22.66	22.67	22.71		
5	QPSK	25	0	22.62	22.65	22.85	22.66	22.74		
5	16QAM	1	0	22.63	22.71	22.78	22.56	22.71	24	0
5	16QAM	1	12	22.69	22.80	22.73	22.73	22.83		
5	16QAM	1	24	22.59	22.66	22.73	22.61	22.69		
5	16QAM	12	0	22.69	22.63	22.88	22.66	22.76	24	0
5	16QAM	12	7	22.62	22.77	22.80	22.62	22.73		
5	16QAM	12	13	22.64	22.68	22.66	22.69	22.71		
5	16QAM	25	0	22.64	22.64	22.87	22.74	22.71		
5	64QAM	1	0	22.62	22.71	22.79	22.66	22.76	24	0
5	64QAM	1	12	22.59	22.74	22.71	22.66	22.70		
5	64QAM	1	24	22.59	22.71	22.66	22.71	22.69		
5	64QAM	12	0	22.42	22.52	22.60	22.59	22.41	24	0
5	64QAM	12	7	22.39	22.52	22.50	22.47	22.41		
5	64QAM	12	13	22.44	22.37	22.47	22.47	22.46		
5	64QAM	25	0	22.41	22.41	22.62	22.49	22.43		
5	256QAM	1	0	20.65	20.61	20.75	20.59	20.76	22	2
5	256QAM	1	12	20.73	20.67	20.68	20.67	20.57		
5	256QAM	1	24	20.58	20.53	20.67	20.63	20.58		
5	256QAM	12	0	20.61	20.63	20.57	20.56	20.52	22	2
5	256QAM	12	7	20.59	20.57	20.71	20.60	20.52		
5	256QAM	12	13	20.60	20.61	20.75	20.69	20.65		
5	256QAM	25	0	20.57	20.64	20.61	20.51	20.60		

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BW [MHz]	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	15.89	16.01	15.81	16.7	0
20	QPSK	1	49	15.91	15.95	15.94		
20	QPSK	1	99	15.91	16.00	15.88		
20	QPSK	50	0	15.84	15.95	15.69	16.7	0
20	QPSK	50	24	15.81	15.82	15.82		
20	QPSK	50	50	15.86	15.90	15.80		
20	QPSK	100	0	15.83	15.90	15.74		
20	16QAM	1	0	15.82	15.89	15.83	16.7	0
20	16QAM	1	49	15.83	15.88	15.79		
20	16QAM	1	99	15.80	15.91	15.70		
20	16QAM	50	0	15.86	15.91	15.86	16.7	0
20	16QAM	50	24	15.85	15.90	15.76		
20	16QAM	50	50	15.84	15.94	15.71		
20	16QAM	100	0	15.79	15.91	15.82		
20	64QAM	1	0	15.85	15.95	15.77	16.7	0
20	64QAM	1	49	15.80	15.89	15.74		
20	64QAM	1	99	15.83	15.88	15.81		
20	64QAM	50	0	15.80	15.90	15.81	16.7	0
20	64QAM	50	24	15.84	15.90	15.75		
20	64QAM	50	50	15.83	15.84	15.81		
20	64QAM	100	0	15.83	15.92	15.80		
20	256QAM	1	0	15.83	15.98	15.73	16.7	0
20	256QAM	1	49	15.81	15.91	15.87		
20	256QAM	1	99	15.79	15.93	15.77		
20	256QAM	50	0	15.82	15.93	15.68	16.7	0
20	256QAM	50	24	15.80	15.90	15.74		
20	256QAM	50	50	15.79	15.87	15.86		
20	256QAM	100	0	15.79	15.88	15.83		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	15.78	15.92	15.71	16.7	0
15	QPSK	1	37	15.85	15.91	15.90		
15	QPSK	1	74	15.83	15.91	15.77		
15	QPSK	36	0	15.78	15.86	15.58	16.7	0
15	QPSK	36	20	15.76	15.70	15.71		
15	QPSK	36	39	15.79	15.78	15.71		
15	QPSK	75	0	15.79	15.81	15.71		
15	16QAM	1	0	15.78	15.84	15.72	16.7	0
15	16QAM	1	37	15.73	15.75	15.71		
15	16QAM	1	74	15.76	15.78	15.57		
15	16QAM	36	0	15.77	15.85	15.75	16.7	0
15	16QAM	36	20	15.74	15.85	15.67		
15	16QAM	36	39	15.71	15.91	15.67		
15	16QAM	75	0	15.72	15.84	15.78		
15	64QAM	1	0	15.73	15.88	15.67	16.7	0
15	64QAM	1	37	15.75	15.83	15.70		
15	64QAM	1	74	15.77	15.81	15.69		
15	64QAM	36	0	15.73	15.80	15.74	16.7	0
15	64QAM	36	20	15.81	15.80	15.69		
15	64QAM	36	39	15.77	15.80	15.71		
15	64QAM	75	0	15.73	15.85	15.75		
15	256QAM	1	0	15.80	15.91	15.61	16.7	0
15	256QAM	1	37	15.75	15.85	15.75		
15	256QAM	1	74	15.67	15.81	15.71		
15	256QAM	36	0	15.75	15.87	15.61	16.7	0
15	256QAM	36	20	15.75	15.77	15.64		
15	256QAM	36	39	15.75	15.75	15.76		
15	256QAM	75	0	15.67	15.77	15.78		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	15.81	15.96	15.71	16.7	0
10	QPSK	1	25	15.81	15.91	15.88		
10	QPSK	1	49	15.85	15.97	15.76		
10	QPSK	25	0	15.75	15.83	15.57	16.7	0
10	QPSK	25	12	15.75	15.78	15.72		
10	QPSK	25	25	15.81	15.87	15.68		
10	QPSK	50	0	15.75	15.77	15.64		
10	16QAM	1	0	15.79	15.83	15.72	16.7	0
10	16QAM	1	25	15.71	15.77	15.69		
10	16QAM	1	49	15.73	15.88	15.65		
10	16QAM	25	0	15.76	15.82	15.76	16.7	0
10	16QAM	25	12	15.76	15.83	15.66		
10	16QAM	25	25	15.80	15.85	15.63		
10	16QAM	50	0	15.71	15.82	15.77		
10	64QAM	1	0	15.80	15.91	15.68	16.7	0
10	64QAM	1	25	15.69	15.80	15.63		
10	64QAM	1	49	15.76	15.80	15.69		
10	64QAM	25	0	15.67	15.82	15.74	16.7	0
10	64QAM	25	12	15.79	15.83	15.70		
10	64QAM	25	25	15.80	15.74	15.78		
10	64QAM	50	0	15.77	15.87	15.74		
10	256QAM	1	0	15.74	15.95	15.68	16.7	0
10	256QAM	1	25	15.75	15.82	15.74		
10	256QAM	1	49	15.73	15.85	15.73		
10	256QAM	25	0	15.74	15.87	15.58	16.7	0
10	256QAM	25	12	15.76	15.80	15.64		
10	256QAM	25	25	15.73	15.82	15.83		
10	256QAM	50	0	15.74	15.82	15.73		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	15.85	15.91	15.71	16.7	0
5	QPSK	1	12	15.81	15.84	15.86		
5	QPSK	1	24	15.87	15.89	15.83		
5	QPSK	12	0	15.79	15.90	15.66	16.7	0
5	QPSK	12	7	15.69	15.77	15.78		
5	QPSK	12	13	15.80	15.78	15.69		
5	QPSK	25	0	15.74	15.78	15.70		
5	16QAM	1	0	15.73	15.78	15.78	16.7	0
5	16QAM	1	12	15.71	15.81	15.69		
5	16QAM	1	24	15.75	15.80	15.63		
5	16QAM	12	0	15.75	15.85	15.83	16.7	0
5	16QAM	12	7	15.81	15.84	15.68		
5	16QAM	12	13	15.79	15.84	15.62		
5	16QAM	25	0	15.75	15.85	15.74		
5	64QAM	1	0	15.75	15.83	15.74	16.7	0
5	64QAM	1	12	15.73	15.79	15.64		
5	64QAM	1	24	15.74	15.76	15.69		
5	64QAM	12	0	15.70	15.78	15.74	16.7	0
5	64QAM	12	7	15.78	15.78	15.66		
5	64QAM	12	13	15.79	15.75	15.68		
5	64QAM	25	0	15.75	15.86	15.71		
5	256QAM	1	0	15.72	15.90	15.68	16.7	0
5	256QAM	1	12	15.70	15.82	15.76		
5	256QAM	1	24	15.68	15.88	15.70		
5	256QAM	12	0	15.71	15.85	15.56	16.7	0
5	256QAM	12	7	15.67	15.77	15.63		
5	256QAM	12	13	15.69	15.78	15.77		
5	256QAM	25	0	15.68	15.82	15.71		

Band 2 Ant4 DSI 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.49	15.65	15.59	17.4	0
20	QPSK	1	49	15.44	15.52	15.40		
20	QPSK	1	99	15.53	15.54	15.50		
20	QPSK	50	0	15.45	15.61	15.55	17.4	0
20	QPSK	50	24	15.48	15.48	15.40		
20	QPSK	50	50	15.41	15.43	15.41		
20	QPSK	100	0	15.40	15.59	15.52		
20	16QAM	1	0	15.40	15.41	15.40	17.4	0
20	16QAM	1	49	15.50	15.45	15.42		
20	16QAM	1	99	15.42	15.62	15.51		
20	16QAM	50	0	15.47	15.45	15.40	17.4	0
20	16QAM	50	24	15.50	15.48	15.40		
20	16QAM	50	50	15.41	15.53	15.54		
20	16QAM	100	0	15.42	15.47	15.42		
20	64QAM	1	0	15.42	15.47	15.42	17.4	0
20	64QAM	1	49	15.42	15.59	15.52		
20	64QAM	1	99	15.42	15.47	15.43		
20	64QAM	50	0	15.42	15.42	15.43	17.4	0
20	64QAM	50	24	15.44	15.52	15.55		
20	64QAM	50	50	15.49	15.40	15.44		
20	64QAM	100	0	15.43	15.42	15.41		
20	256QAM	1	0	15.41	15.55	15.53	17.4	0
20	256QAM	1	49	15.45	15.41	15.45		
20	256QAM	1	99	15.44	15.44	15.44		
20	256QAM	50	0	15.43	15.54	15.52	17.4	0
20	256QAM	50	24	15.40	15.55	15.51		
20	256QAM	50	50	15.41	15.43	15.42		
20	256QAM	100	0	15.41	15.44	15.41		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.42	15.60	15.48	17.4	0
15	QPSK	1	37	15.47	15.48	15.47		
15	QPSK	1	74	15.46	15.41	15.45		
15	QPSK	36	0	15.42	15.55	15.46	17.4	0
15	QPSK	36	20	15.48	15.44	15.44		
15	QPSK	36	39	15.44	15.43	15.46		
15	QPSK	75	0	15.43	15.48	15.46		
15	16QAM	1	0	15.41	15.49	15.46	17.4	0
15	16QAM	1	37	15.47	15.47	15.40		
15	16QAM	1	74	15.45	15.40	15.44		
15	16QAM	36	0	15.47	15.49	15.49	17.4	0
15	16QAM	36	20	15.41	15.46	15.43		
15	16QAM	36	39	15.42	15.41	15.45		
15	16QAM	75	0	15.43	15.41	15.44		
15	64QAM	1	0	15.42	15.43	15.40	17.4	0
15	64QAM	1	37	15.45	15.40	15.43		
15	64QAM	1	74	15.45	15.46	15.48		
15	64QAM	36	0	15.40	15.42	15.48	17.4	0
15	64QAM	36	20	15.46	15.40	15.45		
15	64QAM	36	39	15.44	15.40	15.47		
15	64QAM	75	0	15.45	15.43	15.47		
15	256QAM	1	0	15.48	15.48	15.40	17.4	0
15	256QAM	1	37	15.43	15.47	15.47		
15	256QAM	1	74	15.41	15.41	15.48		
15	256QAM	36	0	15.46	15.41	15.47	17.4	0
15	256QAM	36	20	15.48	15.43	15.46		
15	256QAM	36	39	15.49	15.48	15.43		
15	256QAM	75	0	15.49	15.42	15.42		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.44	15.48	15.47	17.4	0
10	QPSK	1	25	15.43	15.42	15.49		
10	QPSK	1	49	15.49	15.45	15.46		
10	QPSK	25	0	15.46	15.49	15.44	17.4	0
10	QPSK	25	12	15.45	15.41	15.42		
10	QPSK	25	25	15.42	15.43	15.41		
10	QPSK	50	0	15.43	15.45	15.44		
10	16QAM	1	0	15.44	15.46	15.44	17.4	0
10	16QAM	1	25	15.40	15.42	15.43		
10	16QAM	1	49	15.45	15.40	15.42		
10	16QAM	25	0	15.44	15.43	15.46	17.4	0
10	16QAM	25	12	15.48	15.48	15.44		
10	16QAM	25	25	15.43	15.45	15.47		
10	16QAM	50	0	15.42	15.40	15.45		
10	64QAM	1	0	15.42	15.47	15.42	17.4	0
10	64QAM	1	25	15.44	15.41	15.40		
10	64QAM	1	49	15.40	15.46	15.45		
10	64QAM	25	0	15.44	15.44	15.43	17.4	0
10	64QAM	25	12	15.48	15.42	15.45		
10	64QAM	25	25	15.45	15.43	15.42		
10	64QAM	50	0	15.43	15.40	15.49		
10	256QAM	1	0	15.47	15.44	15.47	17.4	0
10	256QAM	1	25	15.43	15.41	15.48		
10	256QAM	1	49	15.45	15.48	15.48		
10	256QAM	25	0	15.40	15.40	15.45	17.4	0
10	256QAM	25	12	15.48	15.40	15.42		
10	256QAM	25	25	15.47	15.43	15.45		
10	256QAM	50	0	15.48	15.45	15.46		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.42	15.40	15.44	17.4	0
5	QPSK	1	12	15.47	15.46	15.48		
5	QPSK	1	24	15.47	15.48	15.43		
5	QPSK	12	0	15.45	15.47	15.40	17.4	0
5	QPSK	12	7	15.49	15.42	15.43		
5	QPSK	12	13	15.46	15.41	15.48		
5	QPSK	25	0	15.42	15.42	15.42		
5	16QAM	1	0	15.40	15.46	15.47	17.4	0
5	16QAM	1	12	15.43	15.43	15.42		
5	16QAM	1	24	15.47	15.45	15.44		
5	16QAM	12	0	15.48	15.43	15.45	17.4	0
5	16QAM	12	7	15.44	15.48	15.42		
5	16QAM	12	13	15.42	15.42	15.44		
5	16QAM	25	0	15.49	15.47	15.48		
5	64QAM	1	0	15.48	15.45	15.41	17.4	0
5	64QAM	1	12	15.41	15.46	15.45		
5	64QAM	1	24	15.49	15.45	15.48		
5	64QAM	12	0	15.43	15.46	15.40	17.4	0
5	64QAM	12	7	15.43	15.42	15.46		
5	64QAM	12	13	15.43	15.47	15.40		
5	64QAM	25	0	15.43	15.48	15.41		
5	256QAM	1	0	15.44	15.40	15.40	17.4	0
5	256QAM	1	12	15.45	15.43	15.41		
5	256QAM	1	24	15.41	15.45	15.44		
5	256QAM	12	0	15.43	15.40	15.42	17.4	0
5	256QAM	12	7	15.48	15.42	15.42		
5	256QAM	12	13	15.48	15.49	15.41		
5	256QAM	25	0	15.41	15.43	15.41		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.46	15.47	15.44	17.4	0
3	QPSK	1	8	15.48	15.45	15.43		
3	QPSK	1	14	15.44	15.41	15.43		
3	QPSK	8	0	15.47	15.46	15.46	17.4	0
3	QPSK	8	4	15.42	15.45	15.42		
3	QPSK	8	7	15.49	15.43	15.40		
3	QPSK	15	0	15.42	15.48	15.47		
3	16QAM	1	0	15.43	15.47	15.42	17.4	0
3	16QAM	1	8	15.41	15.46	15.42		
3	16QAM	1	14	15.48	15.41	15.40		
3	16QAM	8	0	15.44	15.48	15.44	17.4	0
3	16QAM	8	4	15.48	15.45	15.46		
3	16QAM	8	7	15.48	15.40	15.43		
3	16QAM	15	0	15.45	15.44	15.42		
3	64QAM	1	0	15.42	15.45	15.47	17.4	0
3	64QAM	1	8	15.46	15.40	15.44		
3	64QAM	1	14	15.45	15.41	15.47		
3	64QAM	8	0	15.40	15.40	15.49	17.4	0
3	64QAM	8	4	15.45	15.48	15.47		
3	64QAM	8	7	15.47	15.43	15.45		
3	64QAM	15	0	15.46	15.47	15.44		
3	256QAM	1	0	15.43	15.41	15.41	17.4	0
3	256QAM	1	8	15.40	15.47	15.42		
3	256QAM	1	14	15.46	15.48	15.43		
3	256QAM	8	0	15.44	15.43	15.45	17.4	0
3	256QAM	8	4	15.42	15.42	15.42		
3	256QAM	8	7	15.47	15.42	15.40		
3	256QAM	15	0	15.43	15.46	15.48		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.43	15.47	15.46	17.4	0
1.4	QPSK	1	3	15.42	15.42	15.40		
1.4	QPSK	1	5	15.45	15.43	15.46		
1.4	QPSK	3	0	15.47	15.45	15.45		
1.4	QPSK	3	1	15.49	15.41	15.40		
1.4	QPSK	3	3	15.47	15.41	15.45		
1.4	QPSK	6	0	15.41	15.42	15.43	17.4	0
1.4	16QAM	1	0	15.43	15.43	15.47	17.4	0
1.4	16QAM	1	3	15.48	15.49	15.40		
1.4	16QAM	1	5	15.41	15.47	15.46		
1.4	16QAM	3	0	15.44	15.48	15.45		
1.4	16QAM	3	1	15.40	15.44	15.47		
1.4	16QAM	3	3	15.49	15.48	15.42		
1.4	16QAM	6	0	15.44	15.42	15.45	17.4	0
1.4	64QAM	1	0	15.44	15.46	15.43	17.4	0
1.4	64QAM	1	3	15.47	15.41	15.43		
1.4	64QAM	1	5	15.48	15.43	15.47		
1.4	64QAM	3	0	15.44	15.44	15.48		
1.4	64QAM	3	1	15.42	15.48	15.45		
1.4	64QAM	3	3	15.44	15.49	15.45		
1.4	64QAM	6	0	15.42	15.43	15.44	17.4	0
1.4	256QAM	1	0	15.49	15.40	15.41	17.4	0
1.4	256QAM	1	3	15.48	15.47	15.47		
1.4	256QAM	1	5	15.48	15.46	15.48		
1.4	256QAM	3	0	15.48	15.42	15.42		
1.4	256QAM	3	1	15.46	15.40	15.43		
1.4	256QAM	3	3	15.41	15.40	15.41		
1.4	256QAM	6	0	15.47	15.47	15.43	17.4	0

Band 5 Ant4 DSI 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.14	21.15	21.10	22.5	0
10	QPSK	1	25	20.95	21.03	21.00		
10	QPSK	1	49	21.02	21.12	21.07		
10	QPSK	25	0	20.04	20.14	20.01	21.5	1
10	QPSK	25	12	19.94	20.05	19.98		
10	QPSK	25	25	19.98	20.12	19.99		
10	QPSK	50	0	19.96	20.07	20.02		
10	16QAM	1	0	20.29	20.36	20.25	21.5	1
10	16QAM	1	25	20.01	20.09	20.01		
10	16QAM	1	49	19.97	20.11	19.98		
10	16QAM	25	0	19.04	19.16	19.07	20.5	2
10	16QAM	25	12	19.00	19.13	19.07		
10	16QAM	25	25	18.94	19.05	18.93		
10	16QAM	50	0	19.02	19.09	18.96		
10	64QAM	1	0	19.09	19.20	19.11	20.5	2
10	64QAM	1	25	19.03	19.06	19.03		
10	64QAM	1	49	19.08	19.13	19.03		
10	64QAM	25	0	17.93	18.07	18.03	19.5	3
10	64QAM	25	12	17.84	17.97	17.94		
10	64QAM	25	25	17.84	17.93	17.85		
10	64QAM	50	0	17.87	17.96	17.90		
10	256QAM	1	0	16.09	16.18	16.15	17.5	5
10	256QAM	1	25	16.02	16.14	16.10		
10	256QAM	1	49	16.08	16.13	16.06		
10	256QAM	25	0	16.02	16.13	16.00	17.5	5
10	256QAM	25	12	15.97	16.10	16.03		
10	256QAM	25	25	16.07	16.15	16.12		
10	256QAM	50	0	16.04	16.08	16.04		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.98	21.06	20.96	22.5	0
5	QPSK	1	12	20.81	21.01	20.92		
5	QPSK	1	24	20.95	20.99	21.04		
5	QPSK	12	0	19.97	20.05	19.88	21.5	1
5	QPSK	12	7	19.84	19.93	19.93		
5	QPSK	12	13	19.94	20.08	19.86		
5	QPSK	25	0	19.94	20.02	19.93		
5	16QAM	1	0	20.25	20.29	20.13	21.5	1
5	16QAM	1	12	19.96	19.96	19.99		
5	16QAM	1	24	19.89	20.01	19.86		
5	16QAM	12	0	18.96	19.09	19.03	20.5	2
5	16QAM	12	7	18.97	19.03	18.93		
5	16QAM	12	13	18.80	18.93	18.83		
5	16QAM	25	0	18.88	18.99	18.88		
5	64QAM	1	0	18.96	19.06	19.02	20.5	2
5	64QAM	1	12	18.93	19.02	18.97		
5	64QAM	1	24	19.05	19.04	18.98		
5	64QAM	12	0	17.84	18.00	17.96	19.5	3
5	64QAM	12	7	17.76	17.90	17.81		
5	64QAM	12	13	17.72	17.88	17.76		
5	64QAM	25	0	17.77	17.90	17.86		
5	256QAM	1	0	16.04	16.10	16.02	17.5	5
5	256QAM	1	12	15.89	16.04	16.00		
5	256QAM	1	24	15.95	16.01	15.98		
5	256QAM	12	0	15.96	16.02	15.95	17.5	5
5	256QAM	12	7	15.90	15.97	15.99		
5	256QAM	12	13	16.04	16.08	16.06		
5	256QAM	25	0	16.01	15.96	15.96		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.02	21.03	20.96	22.5	0
3	QPSK	1	8	20.84	20.89	20.92		
3	QPSK	1	14	20.94	21.06	20.99		
3	QPSK	8	0	19.98	20.08	19.87	21.5	1
3	QPSK	8	4	19.84	19.92	19.93		
3	QPSK	8	7	19.89	19.98	19.94		
3	QPSK	15	0	19.91	19.97	19.89		
3	16QAM	1	0	20.17	20.33	20.21	21.5	1
3	16QAM	1	8	19.90	19.97	19.92		
3	16QAM	1	14	19.85	20.06	19.89		
3	16QAM	8	0	18.93	19.09	18.93	20.5	2
3	16QAM	8	4	18.98	19.04	19.00		
3	16QAM	8	7	18.89	19.03	18.85		
3	16QAM	15	0	18.95	19.05	18.86		
3	64QAM	1	0	19.03	19.07	19.03	20.5	2
3	64QAM	1	8	19.01	18.95	18.98		
3	64QAM	1	14	18.98	19.10	18.98		
3	64QAM	8	0	17.90	17.95	18.00	19.5	3
3	64QAM	8	4	17.72	17.87	17.80		
3	64QAM	8	7	17.71	17.82	17.73		
3	64QAM	15	0	17.78	17.84	17.85		
3	256QAM	1	0	16.05	16.07	16.03	17.5	5
3	256QAM	1	8	15.94	16.09	16.02		
3	256QAM	1	14	16.04	16.00	15.97		
3	256QAM	8	0	15.88	16.11	15.89	17.5	5
3	256QAM	8	4	15.92	16.05	16.00		
3	256QAM	8	7	16.01	16.05	16.02		
3	256QAM	15	0	15.92	15.98	15.90		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.90	21.10	21.02	22.5	0
1.4	QPSK	1	3	20.87	20.98	20.88		
1.4	QPSK	1	5	20.98	20.99	21.01		
1.4	QPSK	3	0	20.97	21.08	21.04		
1.4	QPSK	3	1	20.86	20.97	20.96		
1.4	QPSK	3	3	20.99	21.09	21.00		
1.4	QPSK	6	0	19.97	20.06	19.90	21.5	1
1.4	16QAM	1	0	19.82	19.92	19.86	21.5	1
1.4	16QAM	1	3	19.92	20.01	19.88		
1.4	16QAM	1	5	19.88	20.02	19.85		
1.4	16QAM	3	0	19.86	19.99	19.94		
1.4	16QAM	3	1	19.85	19.98	19.88		
1.4	16QAM	3	3	20.17	20.29	20.21		
1.4	16QAM	6	0	18.98	19.03	19.03	20.5	2
1.4	64QAM	1	0	18.94	19.04	19.05	20.5	2
1.4	64QAM	1	3	18.84	18.92	18.82		
1.4	64QAM	1	5	18.94	19.02	18.99		
1.4	64QAM	3	0	18.92	19.09	18.95		
1.4	64QAM	3	1	18.96	19.04	18.98		
1.4	64QAM	3	3	18.90	18.92	18.81		
1.4	64QAM	6	0	17.77	17.88	17.84	19.5	3
1.4	256QAM	1	0	16.06	16.07	16.08	17.5	5
1.4	256QAM	1	3	15.93	16.05	16.02		
1.4	256QAM	1	5	16.04	16.02	16.04		
1.4	256QAM	3	0	15.99	16.01	15.93		
1.4	256QAM	3	1	15.90	16.02	15.90		
1.4	256QAM	3	3	15.97	16.03	16.04		
1.4	256QAM	6	0	15.91	16.05	16.01	17.5	5

Band 7 For ENDC Ant4 DSI 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.40	15.51	15.43	16.5	0
20	QPSK	1	49	15.30	15.37	15.27		
20	QPSK	1	99	15.20	15.29	15.26		
20	QPSK	50	0	15.31	15.48	15.38	16.5	0
20	QPSK	50	24	15.25	15.24	15.19		
20	QPSK	50	50	15.07	15.22	15.15		
20	QPSK	100	0	15.36	15.42	15.37		
20	16QAM	1	0	15.27	15.25	15.20	16.5	0
20	16QAM	1	49	15.16	15.21	15.21		
20	16QAM	1	99	15.33	15.41	15.35		
20	16QAM	50	0	15.17	15.30	15.24	16.5	0
20	16QAM	50	24	15.12	15.25	15.14		
20	16QAM	50	50	15.32	15.44	15.34		
20	16QAM	100	0	15.18	15.25	15.21		
20	64QAM	1	0	15.17	15.25	15.17	16.5	0
20	64QAM	1	49	15.35	15.44	15.35		
20	64QAM	1	99	15.25	15.30	15.15		
20	64QAM	50	0	15.09	15.23	15.23	16.5	0
20	64QAM	50	24	15.32	15.43	15.36		
20	64QAM	50	50	15.24	15.28	15.24		
20	64QAM	100	0	15.17	15.25	15.15		
20	256QAM	1	0	15.33	15.47	15.36	16.5	0
20	256QAM	1	49	15.24	15.29	15.16		
20	256QAM	1	99	15.09	15.22	15.23		
20	256QAM	50	0	15.35	15.46	15.37	16.5	0
20	256QAM	50	24	15.29	15.41	15.37		
20	256QAM	50	50	15.26	15.31	15.20		
20	256QAM	100	0	15.15	15.17	15.18		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.34	15.47	15.31	16.5	0
15	QPSK	1	37	15.26	15.28	15.22		
15	QPSK	1	74	15.13	15.24	15.18		
15	QPSK	36	0	15.20	15.36	15.34	16.5	0
15	QPSK	36	20	15.20	15.12	15.15		
15	QPSK	36	39	15.23	15.17	15.10		
15	QPSK	75	0	15.28	15.35	15.30		
15	16QAM	1	0	15.15	15.18	15.09	16.5	0
15	16QAM	1	37	15.08	15.15	15.14		
15	16QAM	1	74	15.25	15.31	15.23		
15	16QAM	36	0	15.07	15.20	15.18	16.5	0
15	16QAM	36	20	15.01	15.12	15.07		
15	16QAM	36	39	15.21	15.40	15.27		
15	16QAM	75	0	15.06	15.18	15.10		
15	64QAM	1	0	15.09	15.17	15.11	16.5	0
15	64QAM	1	37	15.29	15.35	15.25		
15	64QAM	1	74	15.32	15.26	15.11		
15	64QAM	36	0	15.31	15.12	15.16	16.5	0
15	64QAM	36	20	15.24	15.31	15.26		
15	64QAM	36	39	15.14	15.18	15.19		
15	64QAM	75	0	15.05	15.21	15.11		
15	256QAM	1	0	15.26	15.42	15.27	16.5	0
15	256QAM	1	37	15.19	15.17	15.08		
15	256QAM	1	74	15.05	15.17	15.18		
15	256QAM	36	0	15.30	15.43	15.28	16.5	0
15	256QAM	36	20	15.23	15.30	15.28		
15	256QAM	36	39	15.14	15.23	15.13		
15	256QAM	75	0	15.05	15.07	15.06		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.32	15.43	15.32	16.5	0
10	QPSK	1	25	15.20	15.27	15.19		
10	QPSK	1	49	15.15	15.18	15.23		
10	QPSK	25	0	15.20	15.40	15.33	16.5	0
10	QPSK	25	12	15.13	15.14	15.14		
10	QPSK	25	25	15.25	15.10	15.04		
10	QPSK	50	0	15.25	15.30	15.30		
10	16QAM	1	0	15.23	15.12	15.14	16.5	0
10	16QAM	1	25	15.06	15.16	15.17		
10	16QAM	1	49	15.28	15.35	15.27		
10	16QAM	25	0	15.05	15.24	15.15	16.5	0
10	16QAM	25	12	15.01	15.17	15.02		
10	16QAM	25	25	15.28	15.39	15.25		
10	16QAM	50	0	15.09	15.21	15.09		
10	64QAM	1	0	15.05	15.20	15.09	16.5	0
10	64QAM	1	25	15.23	15.34	15.28		
10	64QAM	1	49	15.14	15.27	15.11		
10	64QAM	25	0	15.05	15.15	15.18	16.5	0
10	64QAM	25	12	15.29	15.33	15.26		
10	64QAM	25	25	15.20	15.21	15.17		
10	64QAM	50	0	15.04	15.16	15.10		
10	256QAM	1	0	15.26	15.34	15.24	16.5	0
10	256QAM	1	25	15.17	15.24	15.05		
10	256QAM	1	49	15.30	15.16	15.11		
10	256QAM	25	0	15.31	15.33	15.25	16.5	0
10	256QAM	25	12	15.25	15.34	15.29		
10	256QAM	25	25	15.16	15.20	15.10		
10	256QAM	50	0	15.11	15.13	15.07		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.28	15.46	15.31	16.5	0
5	QPSK	1	12	15.20	15.33	15.17		
5	QPSK	1	24	15.12	15.19	15.15		
5	QPSK	12	0	15.21	15.42	15.34	16.5	0
5	QPSK	12	7	15.14	15.19	15.06		
5	QPSK	12	13	15.25	15.14	15.08		
5	QPSK	25	0	15.26	15.34	15.26		
5	16QAM	1	0	15.23	15.21	15.14	16.5	0
5	16QAM	1	12	15.13	15.10	15.10		
5	16QAM	1	24	15.28	15.35	15.30		
5	16QAM	12	0	15.07	15.25	15.18	16.5	0
5	16QAM	12	7	15.03	15.19	15.05		
5	16QAM	12	13	15.26	15.36	15.29		
5	16QAM	25	0	15.07	15.20	15.09		
5	64QAM	1	0	15.07	15.18	15.12	16.5	0
5	64QAM	1	12	15.22	15.41	15.28		
5	64QAM	1	24	15.18	15.22	15.11		
5	64QAM	12	0	15.04	15.14	15.11	16.5	0
5	64QAM	12	7	15.21	15.32	15.27		
5	64QAM	12	13	15.14	15.23	15.16		
5	64QAM	25	0	15.05	15.16	15.08		
5	256QAM	1	0	15.21	15.35	15.30	16.5	0
5	256QAM	1	12	15.14	15.21	15.05		
5	256QAM	1	24	15.04	15.11	15.19		
5	256QAM	12	0	15.32	15.36	15.28	16.5	0
5	256QAM	12	7	15.18	15.36	15.32		
5	256QAM	12	13	15.16	15.27	15.10		
5	256QAM	25	0	15.12	15.10	15.08		

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BW [MHz]	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	21.10	21.19	21.08	22.5	0
15	QPSK	1	37	21.04	21.08	21.01		
15	QPSK	1	74	21.01	21.04	20.94		
15	QPSK	36	0	19.81	19.95	19.86	21.5	1
15	QPSK	36	20	19.84	19.88	19.74		
15	QPSK	36	39	19.88	19.91	19.84		
15	QPSK	75	0	20.08	20.14	20.03		
15	16QAM	1	0	20.35	20.42	20.34	21.5	1
15	16QAM	1	37	20.17	20.30	20.22		
15	16QAM	1	74	20.21	20.28	20.15		
15	16QAM	36	0	18.99	19.03	19.00	20.5	2
15	16QAM	36	20	18.86	18.97	18.92		
15	16QAM	36	39	18.86	18.90	18.86		
15	16QAM	75	0	18.87	18.99	18.88		
15	64QAM	1	0	19.13	19.22	19.19	20.5	2
15	64QAM	1	37	19.06	19.18	19.09		
15	64QAM	1	74	18.97	19.09	18.95		
15	64QAM	36	0	18.03	18.05	17.92	19.5	3
15	64QAM	36	20	17.95	18.00	17.89		
15	64QAM	36	39	17.90	17.98	17.93		
15	64QAM	75	0	17.92	18.00	17.96		
15	256QAM	1	0	16.13	16.24	16.11	17.5	5
15	256QAM	1	37	16.13	16.21	16.17		
15	256QAM	1	74	16.02	16.15	16.08		
15	256QAM	36	0	16.04	16.09	16.07	17.5	5
15	256QAM	36	20	16.07	16.19	16.16		
15	256QAM	36	39	16.04	16.14	16.07		
15	256QAM	75	0	15.55	15.60	15.51		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.01	21.08	21.02	22.5	0
10	QPSK	1	25	21.01	21.02	20.94		
10	QPSK	1	49	20.93	20.98	20.80		
10	QPSK	25	0	19.75	19.90	19.84	21.5	1
10	QPSK	25	12	19.72	19.79	19.72		
10	QPSK	25	25	19.80	19.85	19.80		
10	QPSK	50	0	20.03	20.11	20.00		
10	16QAM	1	0	20.33	20.40	20.24	21.5	1
10	16QAM	1	25	20.07	20.22	20.14		
10	16QAM	1	49	20.12	20.17	20.04		
10	16QAM	25	0	18.87	18.94	18.90	20.5	2
10	16QAM	25	12	18.80	18.94	18.79		
10	16QAM	25	25	18.77	18.78	18.82		
10	16QAM	50	0	18.73	18.95	18.78		
10	64QAM	1	0	19.01	19.11	19.05	20.5	2
10	64QAM	1	25	19.02	19.12	18.98		
10	64QAM	1	49	18.85	18.98	18.84		
10	64QAM	25	0	17.97	17.97	17.82	19.5	3
10	64QAM	25	12	17.93	17.87	17.84		
10	64QAM	25	25	17.85	17.85	17.87		
10	64QAM	50	0	17.85	17.93	17.85		
10	256QAM	1	0	16.02	16.22	16.08	17.5	5
10	256QAM	1	25	16.02	16.12	16.09		
10	256QAM	1	49	15.95	16.11	16.04		
10	256QAM	25	0	15.91	16.03	16.04	17.5	5
10	256QAM	25	12	16.04	16.08	16.04		
10	256QAM	25	25	15.96	16.11	15.97		
10	256QAM	50	0	16.01	16.00	15.89		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.03	20.98	21.00	22.5	0
5	QPSK	1	12	20.92	21.01	20.88		
5	QPSK	1	24	20.95	20.96	20.88		
5	QPSK	12	0	19.78	19.90	19.76	21.5	1
5	QPSK	12	7	19.82	19.83	19.62		
5	QPSK	12	13	19.78	19.84	19.76		
5	QPSK	25	0	20.05	20.10	19.96		
5	16QAM	1	0	20.23	20.34	20.31	21.5	1
5	16QAM	1	12	20.09	20.19	20.19		
5	16QAM	1	24	20.19	20.16	20.08		
5	16QAM	12	0	18.97	18.90	18.96	20.5	2
5	16QAM	12	7	18.80	18.91	18.80		
5	16QAM	12	13	18.76	18.82	18.80		
5	16QAM	25	0	18.78	18.95	18.76		
5	64QAM	1	0	19.00	19.10	19.06	20.5	2
5	64QAM	1	12	18.95	19.07	18.99		
5	64QAM	1	24	18.91	18.99	18.93		
5	64QAM	12	0	18.00	18.00	17.83	19.5	3
5	64QAM	12	7	17.82	17.88	17.85		
5	64QAM	12	13	17.79	17.86	17.88		
5	64QAM	25	0	17.80	17.90	17.86		
5	256QAM	1	0	16.00	16.20	16.00	17.5	5
5	256QAM	1	12	16.08	16.15	16.13		
5	256QAM	1	24	15.92	16.11	16.01		
5	256QAM	12	0	15.91	16.00	16.04	17.5	5
5	256QAM	12	7	15.96	16.14	16.07		
5	256QAM	12	13	15.92	16.04	15.99		
5	256QAM	25	0	15.94	16.00	15.98		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.06	21.01	21.02	22.5	0
3	QPSK	1	8	20.91	20.97	20.95		
3	QPSK	1	14	20.90	20.94	20.81		
3	QPSK	8	0	19.68	19.85	19.75	21.5	1
3	QPSK	8	4	19.77	19.83	19.68		
3	QPSK	8	7	19.83	19.79	19.76		
3	QPSK	15	0	20.01	20.01	19.91		
3	16QAM	1	0	20.21	20.29	20.26	21.5	1
3	16QAM	1	8	20.11	20.26	20.08		
3	16QAM	1	14	20.10	20.14	20.10		
3	16QAM	8	0	18.93	18.95	18.86	20.5	2
3	16QAM	8	4	18.84	18.93	18.82		
3	16QAM	8	7	18.78	18.80	18.75		
3	16QAM	15	0	18.74	18.91	18.74		
3	64QAM	1	0	19.10	19.19	19.13	20.5	2
3	64QAM	1	8	18.95	19.16	19.01		
3	64QAM	1	14	18.91	19.02	18.90		
3	64QAM	8	0	17.95	17.95	17.85	19.5	3
3	64QAM	8	4	17.85	17.88	17.83		
3	64QAM	8	7	17.83	17.85	17.82		
3	64QAM	15	0	17.85	17.98	17.91		
3	256QAM	1	0	16.03	16.14	16.03	17.5	5
3	256QAM	1	8	16.05	16.11	16.11		
3	256QAM	1	14	15.92	16.07	16.03		
3	256QAM	8	0	15.97	15.96	16.03	17.5	5
3	256QAM	8	4	16.04	16.13	16.05		
3	256QAM	8	7	15.95	16.07	16.01		
3	256QAM	15	0	15.93	16.01	15.92		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.00	21.01	20.98	22.5	0
1.4	QPSK	1	3	20.98	20.95	20.88		
1.4	QPSK	1	5	20.88	20.99	20.84		
1.4	QPSK	3	0	20.96	21.04	20.95		
1.4	QPSK	3	1	20.93	20.95	20.97		
1.4	QPSK	3	3	20.91	20.92	20.80		
1.4	QPSK	6	0	19.72	19.91	19.84	21.5	1
1.4	16QAM	1	0	19.69	19.89	19.80	21.5	1
1.4	16QAM	1	3	19.70	19.91	19.80		
1.4	16QAM	1	5	19.73	19.89	19.82		
1.4	16QAM	3	0	19.70	19.88	19.83		
1.4	16QAM	3	1	19.70	19.83	19.81		
1.4	16QAM	3	3	19.69	19.90	19.76		
1.4	16QAM	6	0	18.88	18.93	18.96	20.5	2
1.4	64QAM	1	0	18.77	18.86	18.84	20.5	2
1.4	64QAM	1	3	18.97	18.91	18.89		
1.4	64QAM	1	5	18.86	18.91	18.89		
1.4	64QAM	3	0	18.78	18.94	18.79		
1.4	64QAM	3	1	18.78	18.80	18.79		
1.4	64QAM	3	3	18.74	18.91	18.83		
1.4	64QAM	6	0	17.92	18.02	17.88	19.5	3
1.4	256QAM	1	0	16.09	16.14	16.05	17.5	5
1.4	256QAM	1	3	16.06	16.11	16.06		
1.4	256QAM	1	5	15.96	16.01	15.96		
1.4	256QAM	3	0	16.01	16.03	16.02		
1.4	256QAM	3	1	16.00	16.07	16.10		
1.4	256QAM	3	3	15.90	16.02	15.94		
1.4	256QAM	6	0	15.99	16.05	15.90	17.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.72	21.82	21.66	23	0
20	QPSK	1	49	21.68	21.70	21.62		
20	QPSK	1	99	21.60	21.71	21.63		
20	QPSK	50	0	20.47	20.57	20.45	22	1
20	QPSK	50	24	20.40	20.50	20.45		
20	QPSK	50	50	20.36	20.46	20.33		
20	QPSK	100	0	20.49	20.54	20.49		
20	16QAM	1	0	20.91	20.95	20.81	22	1
20	16QAM	1	49	20.77	20.86	20.73		
20	16QAM	1	99	20.78	20.86	20.77		
20	16QAM	50	0	19.61	19.69	19.57	21	2
20	16QAM	50	24	19.50	19.62	19.55		
20	16QAM	50	50	19.57	19.63	19.61		
20	16QAM	100	0	19.64	19.66	19.58		
20	64QAM	1	0	19.60	19.74	19.62	21	2
20	64QAM	1	49	19.65	19.68	19.64		
20	64QAM	1	99	19.57	19.66	19.56		
20	64QAM	50	0	18.58	18.60	18.56	20	3
20	64QAM	50	24	18.54	18.57	18.51		
20	64QAM	50	50	18.50	18.53	18.42		
20	64QAM	100	0	18.40	18.48	18.34		
20	256QAM	1	0	16.82	16.89	16.75	18	5
20	256QAM	1	49	16.65	16.77	16.68		
20	256QAM	1	99	16.74	16.82	16.76		
20	256QAM	50	0	16.68	16.71	16.59	18	5
20	256QAM	50	24	16.70	16.84	16.81		
20	256QAM	50	50	16.77	16.87	16.76		
20	256QAM	100	0	16.65	16.79	16.76		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.68	21.69	21.63	23	0
15	QPSK	1	37	21.56	21.60	21.59		
15	QPSK	1	74	21.57	21.60	21.53		
15	QPSK	36	0	20.34	20.44	20.32	22	1
15	QPSK	36	20	20.36	20.45	20.34		
15	QPSK	36	39	20.23	20.35	20.21		
15	QPSK	75	0	20.42	20.47	20.47		
15	16QAM	1	0	20.87	20.81	20.75	22	1
15	16QAM	1	37	20.74	20.73	20.68		
15	16QAM	1	74	20.67	20.75	20.64		
15	16QAM	36	0	19.50	19.61	19.55	21	2
15	16QAM	36	20	19.42	19.57	19.46		
15	16QAM	36	39	19.52	19.59	19.58		
15	16QAM	75	0	19.61	19.61	19.53		
15	64QAM	1	0	19.48	19.63	19.49	21	2
15	64QAM	1	37	19.51	19.60	19.52		
15	64QAM	1	74	19.47	19.57	19.50		
15	64QAM	36	0	18.53	18.58	18.46	20	3
15	64QAM	36	20	18.45	18.53	18.45		
15	64QAM	36	39	18.37	18.51	18.32		
15	64QAM	75	0	18.34	18.40	18.20		
15	256QAM	1	0	16.70	16.85	16.72	18	5
15	256QAM	1	37	16.53	16.73	16.62		
15	256QAM	1	74	16.63	16.69	16.73		
15	256QAM	36	0	16.59	16.59	16.55	18	5
15	256QAM	36	20	16.61	16.74	16.70		
15	256QAM	36	39	16.69	16.79	16.67		
15	256QAM	75	0	16.56	16.65	16.71		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.58	21.75	21.52	23	0
10	QPSK	1	25	21.61	21.59	21.52		
10	QPSK	1	49	21.51	21.63	21.61		
10	QPSK	25	0	20.42	20.52	20.37	22	1
10	QPSK	25	12	20.31	20.45	20.38		
10	QPSK	25	25	20.25	20.41	20.26		
10	QPSK	50	0	20.44	20.45	20.42		
10	16QAM	1	0	20.78	20.90	20.75	22	1
10	16QAM	1	25	20.72	20.72	20.63		
10	16QAM	1	49	20.65	20.80	20.70		
10	16QAM	25	0	19.58	19.66	19.54	21	2
10	16QAM	25	12	19.42	19.56	19.44		
10	16QAM	25	25	19.53	19.52	19.58		
10	16QAM	50	0	19.60	19.52	19.51		
10	64QAM	1	0	19.53	19.61	19.52	21	2
10	64QAM	1	25	19.57	19.55	19.59		
10	64QAM	1	49	19.53	19.60	19.53		
10	64QAM	25	0	18.50	18.54	18.51	20	3
10	64QAM	25	12	18.47	18.46	18.40		
10	64QAM	25	25	18.40	18.41	18.36		
10	64QAM	50	0	18.33	18.38	18.31		
10	256QAM	1	0	16.71	16.84	16.70	18	5
10	256QAM	1	25	16.60	16.69	16.57		
10	256QAM	1	49	16.68	16.71	16.71		
10	256QAM	25	0	16.57	16.59	16.47	18	5
10	256QAM	25	12	16.57	16.74	16.75		
10	256QAM	25	25	16.67	16.83	16.68		
10	256QAM	50	0	16.59	16.72	16.65		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.63	21.79	21.61	23	0
5	QPSK	1	12	21.64	21.58	21.60		
5	QPSK	1	24	21.51	21.59	21.60		
5	QPSK	12	0	20.37	20.47	20.37	22	1
5	QPSK	12	7	20.29	20.42	20.31		
5	QPSK	12	13	20.28	20.36	20.30		
5	QPSK	25	0	20.43	20.47	20.45		
5	16QAM	1	0	20.86	20.92	20.67	22	1
5	16QAM	1	12	20.75	20.82	20.66		
5	16QAM	1	24	20.73	20.74	20.65		
5	16QAM	12	0	19.58	19.56	19.48	21	2
5	16QAM	12	7	19.38	19.49	19.50		
5	16QAM	12	13	19.44	19.59	19.54		
5	16QAM	25	0	19.52	19.54	19.53		
5	64QAM	1	0	19.56	19.69	19.48	21	2
5	64QAM	1	12	19.55	19.58	19.55		
5	64QAM	1	24	19.43	19.55	19.48		
5	64QAM	12	0	18.50	18.51	18.53	20	3
5	64QAM	12	7	18.44	18.52	18.41		
5	64QAM	12	13	18.43	18.49	18.40		
5	64QAM	25	0	18.30	18.39	18.25		
5	256QAM	1	0	16.79	16.78	16.72	18	5
5	256QAM	1	12	16.58	16.68	16.58		
5	256QAM	1	24	16.66	16.72	16.63		
5	256QAM	12	0	16.65	16.60	16.45	18	5
5	256QAM	12	7	16.58	16.75	16.70		
5	256QAM	12	13	16.73	16.76	16.68		
5	256QAM	25	0	16.59	16.76	16.66		

Band 38 For ENDC Ant4 DSI 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.75	17.92	17.82	19.3	0
20	QPSK	1	49	17.68	17.81	17.74		
20	QPSK	1	99	17.65	17.80	17.81		
20	QPSK	50	0	17.71	17.83	17.75	19.3	0
20	QPSK	50	24	17.59	17.78	17.64		
20	QPSK	50	50	17.58	17.68	17.68		
20	QPSK	100	0	17.74	17.81	17.69		
20	16QAM	1	0	17.61	17.73	17.62	19.3	0
20	16QAM	1	49	17.61	17.83	17.80		
20	16QAM	1	99	17.68	17.87	17.82		
20	16QAM	50	0	17.55	17.77	17.70	19.3	0
20	16QAM	50	24	17.60	17.76	17.66		
20	16QAM	50	50	17.73	17.75	17.83		
20	16QAM	100	0	17.62	17.74	17.62		
20	64QAM	1	0	17.62	17.82	17.69	19.3	0
20	64QAM	1	49	17.68	17.76	17.82		
20	64QAM	1	99	17.66	17.65	17.66		
20	64QAM	50	0	17.57	17.82	17.67	19.3	0
20	64QAM	50	24	17.76	17.80	17.74		
20	64QAM	50	50	17.54	17.71	17.63		
20	64QAM	100	0	17.71	17.74	17.70		
20	256QAM	1	0	17.70	17.74	17.75	19	0.3
20	256QAM	1	49	17.54	17.63	17.61		
20	256QAM	1	99	17.56	17.72	17.69		
20	256QAM	50	0	17.70	17.86	17.70	19	0.3
20	256QAM	50	24	17.74	17.71	17.71		
20	256QAM	50	50	17.59	17.68	17.62		
20	256QAM	100	0	17.68	17.74	17.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.63	17.79	17.77	19.3	0
15	QPSK	1	37	17.61	17.78	17.70		
15	QPSK	1	74	17.59	17.76	17.73		
15	QPSK	36	0	17.67	17.71	17.71	19.3	0
15	QPSK	36	20	17.47	17.73	17.53		
15	QPSK	36	39	17.52	17.62	17.62		
15	QPSK	75	0	17.68	17.73	17.58		
15	16QAM	1	0	17.50	17.65	17.51	19.3	0
15	16QAM	1	37	17.52	17.72	17.77		
15	16QAM	1	74	17.56	17.82	17.71		
15	16QAM	36	0	17.49	17.70	17.61	19.3	0
15	16QAM	36	20	17.52	17.63	17.54		
15	16QAM	36	39	17.64	17.63	17.78		
15	16QAM	75	0	17.51	17.65	17.55		
15	64QAM	1	0	17.56	17.76	17.63	19.3	0
15	64QAM	1	37	17.59	17.67	17.74		
15	64QAM	1	74	17.54	17.58	17.55		
15	64QAM	36	0	17.50	17.72	17.62	19.3	0
15	64QAM	36	20	17.69	17.74	17.70		
15	64QAM	36	39	17.44	17.66	17.53		
15	64QAM	75	0	17.61	17.68	17.65		
15	256QAM	1	0	17.59	17.63	17.63	19	0.3
15	256QAM	1	37	17.45	17.58	17.53		
15	256QAM	1	74	17.52	17.63	17.64		
15	256QAM	36	0	17.59	17.78	17.66	19	0.3
15	256QAM	36	20	17.65	17.62	17.66		
15	256QAM	36	39	17.51	17.60	17.54		
15	256QAM	75	0	17.63	17.68	17.65		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.68	17.84	17.69	19.3	0
10	QPSK	1	25	17.58	17.73	17.67		
10	QPSK	1	49	17.53	17.76	17.71		
10	QPSK	25	0	17.65	17.80	17.71	19.3	0
10	QPSK	25	12	17.47	17.75	17.54		
10	QPSK	25	25	17.53	17.64	17.59		
10	QPSK	50	0	17.67	17.73	17.60		
10	16QAM	1	0	17.55	17.66	17.58	19.3	0
10	16QAM	1	25	17.52	17.70	17.74		
10	16QAM	1	49	17.62	17.79	17.73		
10	16QAM	25	0	17.51	17.64	17.61	19.3	0
10	16QAM	25	12	17.56	17.69	17.56		
10	16QAM	25	25	17.66	17.67	17.79		
10	16QAM	50	0	17.55	17.66	17.59		
10	64QAM	1	0	17.52	17.76	17.59	19.3	0
10	64QAM	1	25	17.57	17.69	17.74		
10	64QAM	1	49	17.63	17.53	17.56		
10	64QAM	25	0	17.49	17.73	17.61	19.3	0
10	64QAM	25	12	17.71	17.67	17.65		
10	64QAM	25	25	17.46	17.62	17.58		
10	64QAM	50	0	17.67	17.68	17.65		
10	256QAM	1	0	17.59	17.66	17.69	19	0.3
10	256QAM	1	25	17.47	17.56	17.56		
10	256QAM	1	49	17.51	17.68	17.62		
10	256QAM	25	0	17.64	17.80	17.59	19	0.3
10	256QAM	25	12	17.62	17.58	17.60		
10	256QAM	25	25	17.54	17.61	17.50		
10	256QAM	50	0	17.55	17.67	17.65		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.63	17.85	17.69	19.3	0
5	QPSK	1	12	17.62	17.68	17.64		
5	QPSK	1	24	17.61	17.75	17.77		
5	QPSK	12	0	17.61	17.71	17.67	19.3	0
5	QPSK	12	7	17.53	17.73	17.54		
5	QPSK	12	13	17.50	17.61	17.56		
5	QPSK	25	0	17.63	17.78	17.64		
5	16QAM	1	0	17.49	17.69	17.53	19.3	0
5	16QAM	1	12	17.49	17.73	17.74		
5	16QAM	1	24	17.55	17.84	17.70		
5	16QAM	12	0	17.44	17.69	17.57	19.3	0
5	16QAM	12	7	17.57	17.69	17.58		
5	16QAM	12	13	17.64	17.62	17.75		
5	16QAM	25	0	17.54	17.64	17.59		
5	64QAM	1	0	17.57	17.76	17.56	19.3	0
5	64QAM	1	12	17.58	17.64	17.69		
5	64QAM	1	24	17.61	17.55	17.63		
5	64QAM	12	0	17.50	17.78	17.57	19.3	0
5	64QAM	12	7	17.68	17.75	17.66		
5	64QAM	12	13	17.45	17.68	17.59		
5	64QAM	25	0	17.67	17.63	17.66		
5	256QAM	1	0	17.60	17.64	17.68	19	0.3
5	256QAM	1	12	17.49	17.59	17.49		
5	256QAM	1	24	17.48	17.65	17.65		
5	256QAM	12	0	17.67	17.77	17.61	19	0.3
5	256QAM	12	7	17.62	17.63	17.58		
5	256QAM	12	13	17.55	17.56	17.50		
5	256QAM	25	0	17.65	17.70	17.61		

Band 41 For ENDC Ant4 DSI 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.81	17.88	17.95	17.91	17.92	19.3	0
20	QPSK	1	49	17.73	17.76	17.88	17.78	17.78		
20	QPSK	1	99	17.75	17.78	17.91	17.86	17.79		
20	QPSK	50	0	17.78	17.75	17.88	17.81	17.81	19.3	0
20	QPSK	50	24	17.62	17.68	17.83	17.73	17.73		
20	QPSK	50	50	17.65	17.69	17.80	17.74	17.76		
20	QPSK	100	0	17.74	17.81	17.86	17.82	17.83		
20	16QAM	1	0	17.61	17.72	17.76	17.71	17.69	19.3	0
20	16QAM	1	49	17.67	17.70	17.87	17.83	17.70		
20	16QAM	1	99	17.69	17.79	17.90	17.87	17.89		
20	16QAM	50	0	17.69	17.68	17.82	17.75	17.70	19.3	0
20	16QAM	50	24	17.67	17.69	17.86	17.73	17.73		
20	16QAM	50	50	17.73	17.77	17.88	17.87	17.82		
20	16QAM	100	0	17.69	17.71	17.84	17.73	17.73		
20	64QAM	1	0	17.70	17.72	17.87	17.75	17.73	19.3	0
20	64QAM	1	49	17.70	17.77	17.84	17.87	17.83		
20	64QAM	1	99	17.67	17.71	17.76	17.71	17.66		
20	64QAM	50	0	17.64	17.65	17.88	17.80	17.76	19.3	0
20	64QAM	50	24	17.73	17.81	17.87	17.79	17.81		
20	64QAM	50	50	17.68	17.64	17.77	17.70	17.70		
20	64QAM	100	0	17.65	17.75	17.80	17.77	17.74		
20	256QAM	1	0	17.71	17.82	17.87	17.82	17.89	19	0.3
20	256QAM	1	49	17.63	17.66	17.75	17.72	17.72		
20	256QAM	1	99	17.63	17.65	17.82	17.82	17.66		
20	256QAM	50	0	17.73	17.78	17.92	17.79	17.85	19	0.3
20	256QAM	50	24	17.75	17.81	17.82	17.82	17.89		
20	256QAM	50	50	17.64	17.64	17.78	17.67	17.74		
20	256QAM	100	0	17.71	17.71	17.79	17.80	17.67		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.76	17.84	17.90	17.88	17.85	19	0
15	QPSK	1	37	17.67	17.68	17.81	17.68	17.66		
15	QPSK	1	74	17.62	17.71	17.82	17.81	17.71		
15	QPSK	36	0	17.73	17.65	17.77	17.76	17.72	19.3	0
15	QPSK	36	20	17.57	17.60	17.78	17.62	17.62		
15	QPSK	36	39	17.53	17.56	17.68	17.63	17.65		
15	QPSK	75	0	17.62	17.73	17.79	17.71	17.75		
15	16QAM	1	0	17.49	17.59	17.70	17.65	17.61	19.3	0
15	16QAM	1	37	17.58	17.65	17.84	17.78	17.62		
15	16QAM	1	74	17.61	17.69	17.84	17.83	17.78		
15	16QAM	36	0	17.60	17.60	17.74	17.63	17.61	19.3	0
15	16QAM	36	20	17.56	17.58	17.74	17.69	17.65		
15	16QAM	36	39	17.67	17.73	17.77	17.83	17.73		
15	16QAM	75	0	17.56	17.63	17.74	17.67	17.61		
15	64QAM	1	0	17.64	17.64	17.80	17.66	17.63	19.3	0
15	64QAM	1	37	17.66	17.73	17.80	17.75	17.78		
15	64QAM	1	74	17.56	17.65	17.67	17.64	17.61		
15	64QAM	36	0	17.57	17.57	17.78	17.71	17.67	19.3	0
15	64QAM	36	20	17.67	17.72	17.78	17.70	17.75		
15	64QAM	36	39	17.59	17.53	17.68	17.66	17.65		
15	64QAM	75	0	17.61	17.68	17.68	17.68	17.63		
15	256QAM	1	0	17.63	17.71	17.81	17.78	17.86	19	0.3
15	256QAM	1	37	17.56	17.61	17.66	17.62	17.59		
15	256QAM	1	74	17.53	17.55	17.73	17.74	17.57		
15	256QAM	36	0	17.68	17.71	17.86	17.71	17.77	19	0.3
15	256QAM	36	20	17.65	17.76	17.73	17.75	17.79		
15	256QAM	36	39	17.57	17.51	17.73	17.59	17.70		
15	256QAM	75	0	17.60	17.65	17.75	17.68	17.57		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.74	17.81	17.88	17.88	17.82	19	0
10	QPSK	1	25	17.69	17.66	17.77	17.67	17.66		
10	QPSK	1	49	17.67	17.66	17.87	17.83	17.68		
10	QPSK	25	0	17.73	17.71	17.77	17.76	17.70	19.3	0
10	QPSK	25	12	17.57	17.55	17.74	17.65	17.70		
10	QPSK	25	25	17.62	17.63	17.71	17.70	17.68		
10	QPSK	50	0	17.63	17.72	17.82	17.73	17.71		
10	16QAM	1	0	17.51	17.63	17.73	17.65	17.61	19.3	0
10	16QAM	1	25	17.59	17.66	17.75	17.70	17.60		
10	16QAM	1	49	17.61	17.73	17.79	17.75	17.85		
10	16QAM	25	0	17.62	17.59	17.74	17.63	17.60	19.3	0
10	16QAM	25	12	17.55	17.63	17.74	17.64	17.62		
10	16QAM	25	25	17.68	17.65	17.81	17.79	17.74		
10	16QAM	50	0	17.63	17.65	17.72	17.70	17.66		
10	64QAM	1	0	17.65	17.60	17.76	17.62	17.67	19.3	0
10	64QAM	1	25	17.59	17.74	17.81	17.75	17.74		
10	64QAM	1	49	17.56	17.62	17.71	17.61	17.54		
10	64QAM	25	0	17.54	17.60	17.76	17.76	17.72	19.3	0
10	64QAM	25	12	17.69	17.76	17.74	17.68	17.71		
10	64QAM	25	25	17.58	17.60	17.72	17.65	17.64		
10	64QAM	50	0	17.54	17.63	17.70	17.65	17.68		
10	256QAM	1	0	17.62	17.70	17.84	17.73	17.84	19	0.3
10	256QAM	1	25	17.51	17.54	17.69	17.62	17.69		
10	256QAM	1	49	17.52	17.61	17.72	17.72	17.53		
10	256QAM	25	0	17.63	17.66	17.87	17.74	17.81	19	0.3
10	256QAM	25	12	17.67	17.70	17.74	17.75	17.78		
10	256QAM	25	25	17.55	17.53	17.68	17.61	17.67		
10	256QAM	50	0	17.67	17.62	17.69	17.77	17.58		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.71	17.80	17.89	17.82	17.81	19	0
5	QPSK	1	12	17.68	17.64	17.82	17.69	17.68		
5	QPSK	1	24	17.62	17.67	17.81	17.73	17.70		
5	QPSK	12	0	17.73	17.68	17.85	17.74	17.68	19.3	0
5	QPSK	12	7	17.58	17.63	17.73	17.67	17.64		
5	QPSK	12	13	17.59	17.62	17.70	17.71	17.68		
5	QPSK	25	0	17.70	17.71	17.78	17.70	17.75		
5	16QAM	1	0	17.54	17.61	17.68	17.63	17.64	19.3	0
5	16QAM	1	12	17.61	17.58	17.84	17.74	17.64		
5	16QAM	1	24	17.64	17.69	17.84	17.83	17.84		
5	16QAM	12	0	17.61	17.55	17.74	17.66	17.58	19.3	0
5	16QAM	12	7	17.62	17.62	17.83	17.70	17.67		
5	16QAM	12	13	17.68	17.70	17.78	17.79	17.73		
5	16QAM	25	0	17.64	17.59	17.72	17.67	17.61		
5	64QAM	1	0	17.65	17.66	17.76	17.67	17.65	19.3	0
5	64QAM	1	12	17.58	17.64	17.80	17.76	17.75		
5	64QAM	1	24	17.60	17.68	17.64	17.62	17.62		
5	64QAM	12	0	17.57	17.58	17.76	17.76	17.67	19.3	0
5	64QAM	12	7	17.65	17.72	17.79	17.70	17.73		
5	64QAM	12	13	17.62	17.60	17.68	17.62	17.61		
5	64QAM	25	0	17.57	17.66	17.68	17.64	17.67		
5	256QAM	1	0	17.61	17.73	17.83	17.77	17.77	19	0.3
5	256QAM	1	12	17.54	17.56	17.67	17.60	17.67		
5	256QAM	1	24	17.56	17.62	17.71	17.74	17.59		
5	256QAM	12	0	17.70	17.70	17.81	17.74	17.76	19	0.3
5	256QAM	12	7	17.67	17.69	17.74	17.76	17.78		
5	256QAM	12	13	17.55	17.52	17.73	17.60	17.66		
5	256QAM	25	0	17.59	17.64	17.75	17.75	17.63		

Band 41 HPUE For ENDC Ant4 DSI 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.43	19.44	19.55	19.49	19.53	20.9	0
20	QPSK	1	49	19.33	19.35	19.50	19.42	19.35		
20	QPSK	1	99	19.37	19.40	19.51	19.48	19.43		
20	QPSK	50	0	19.42	19.40	19.52	19.37	19.40	20.9	0
20	QPSK	50	24	19.21	19.32	19.39	19.34	19.35		
20	QPSK	50	50	19.24	19.33	19.41	19.34	19.40		
20	QPSK	100	0	19.39	19.43	19.50	19.37	19.45		
20	16QAM	1	0	19.23	19.35	19.38	19.31	19.27	20.9	0
20	16QAM	1	49	19.30	19.34	19.42	19.44	19.26		
20	16QAM	1	99	19.32	19.43	19.53	19.46	19.50		
20	16QAM	50	0	19.31	19.24	19.37	19.34	19.33	20.9	0
20	16QAM	50	24	19.26	19.31	19.42	19.35	19.37		
20	16QAM	50	50	19.34	19.35	19.43	19.50	19.46		
20	16QAM	100	0	19.34	19.31	19.42	19.30	19.34		
20	64QAM	1	0	19.31	19.34	19.46	19.37	19.29	20.9	0
20	64QAM	1	49	19.30	19.34	19.42	19.48	19.44		
20	64QAM	1	99	19.25	19.34	19.39	19.31	19.30		
20	64QAM	50	0	19.28	19.21	19.46	19.36	19.40	20.9	0
20	64QAM	50	24	19.33	19.42	19.44	19.40	19.43		
20	64QAM	50	50	19.26	19.23	19.39	19.27	19.31		
20	64QAM	100	0	19.30	19.32	19.42	19.39	19.36		
20	256QAM	1	0	19.33	19.46	19.45	19.47	19.49	20.9	0
20	256QAM	1	49	19.22	19.26	19.30	19.28	19.31		
20	256QAM	1	99	19.21	19.24	19.37	19.45	19.23		
20	256QAM	50	0	19.34	19.34	19.48	19.35	19.45	20.9	0
20	256QAM	50	24	19.32	19.40	19.40	19.38	19.53		
20	256QAM	50	50	19.23	19.24	19.35	19.30	19.39		
20	256QAM	100	0	19.35	19.35	19.43	19.39	19.23		
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	19.31	19.33	19.46	19.46	19.44	21	0
15	QPSK	1	37	19.22	19.30	19.40	19.38	19.24		
15	QPSK	1	74	19.26	19.36	19.47	19.37	19.39		
15	QPSK	36	0	19.29	19.37	19.41	19.31	19.35	20.9	0
15	QPSK	36	20	19.13	19.20	19.34	19.28	19.30		
15	QPSK	36	39	19.17	19.25	19.29	19.28	19.34		
15	QPSK	75	0	19.26	19.31	19.42	19.28	19.37		
15	16QAM	1	0	19.15	19.29	19.26	19.27	19.19	20.9	0
15	16QAM	1	37	19.20	19.24	19.38	19.37	19.20		
15	16QAM	1	74	19.25	19.39	19.41	19.42	19.40		
15	16QAM	36	0	19.19	19.20	19.28	19.29	19.25	20.9	0
15	16QAM	36	20	19.17	19.27	19.36	19.23	19.25		
15	16QAM	36	39	19.30	19.29	19.38	19.42	19.42		
15	16QAM	75	0	19.24	19.21	19.38	19.17	19.30		
15	64QAM	1	0	19.18	19.24	19.35	19.26	19.22	20.9	0
15	64QAM	1	37	19.27	19.26	19.31	19.43	19.35		
15	64QAM	1	74	19.17	19.29	19.28	19.19	19.25		
15	64QAM	36	0	19.19	19.14	19.38	19.28	19.28	20.9	0
15	64QAM	36	20	19.29	19.37	19.34	19.32	19.34		
15	64QAM	36	39	19.18	19.15	19.34	19.17	19.20		
15	64QAM	75	0	19.24	19.20	19.32	19.33	19.28		
15	256QAM	1	0	19.20	19.38	19.38	19.41	19.43	20.9	0
15	256QAM	1	37	19.16	19.20	19.25	19.20	19.21		
15	256QAM	1	74	19.18	19.21	19.33	19.32	19.14		
15	256QAM	36	0	19.27	19.26	19.38	19.24	19.40	20.9	0
15	256QAM	36	20	19.23	19.29	19.31	19.30	19.44		
15	256QAM	36	39	19.14	19.11	19.30	19.23	19.35		
15	256QAM	75	0	19.29	19.31	19.33	19.33	19.11		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.38	19.34	19.51	19.41	19.45	21	0
10	QPSK	1	25	19.26	19.30	19.38	19.38	19.29		
10	QPSK	1	49	19.28	19.30	19.47	19.41	19.40		
10	QPSK	25	0	19.34	19.29	19.44	19.34	19.36	20.9	0
10	QPSK	25	12	19.09	19.22	19.34	19.26	19.24		
10	QPSK	25	25	19.19	19.23	19.36	19.26	19.37		
10	QPSK	50	0	19.28	19.36	19.43	19.32	19.36		
10	16QAM	1	0	19.14	19.26	19.26	19.20	19.24	20.9	0
10	16QAM	1	25	19.23	19.25	19.32	19.39	19.16		
10	16QAM	1	49	19.20	19.38	19.43	19.34	19.37		
10	16QAM	25	0	19.26	19.13	19.30	19.22	19.24	20.9	0
10	16QAM	25	12	19.16	19.22	19.35	19.27	19.28		
10	16QAM	25	25	19.21	19.27	19.31	19.44	19.37		
10	16QAM	50	0	19.23	19.22	19.36	19.18	19.27		
10	64QAM	1	0	19.24	19.24	19.39	19.32	19.17	20.9	0
10	64QAM	1	25	19.18	19.30	19.37	19.36	19.35		
10	64QAM	1	49	19.12	19.30	19.26	19.19	19.18		
10	64QAM	25	0	19.19	19.15	19.43	19.30	19.31	20.9	0
10	64QAM	25	12	19.27	19.30	19.40	19.28	19.40		
10	64QAM	25	25	19.16	19.19	19.29	19.20	19.24		
10	64QAM	50	0	19.25	19.20	19.33	19.29	19.33		
10	256QAM	1	0	19.24	19.38	19.39	19.41	19.39	20.9	0
10	256QAM	1	25	19.14	19.22	19.22	19.21	19.28		
10	256QAM	1	49	19.08	19.18	19.33	19.33	19.16		
10	256QAM	25	0	19.30	19.30	19.39	19.23	19.32	20.9	0
10	256QAM	25	12	19.21	19.32	19.37	19.32	19.46		
10	256QAM	25	25	19.18	19.15	19.25	19.21	19.35		
10	256QAM	50	0	19.28	19.29	19.32	19.29	19.12		
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	19.37	19.34	19.49	19.43	19.45	21	0
5	QPSK	1	12	19.28	19.22	19.42	19.34	19.23		
5	QPSK	1	24	19.25	19.31	19.45	19.36	19.31		
5	QPSK	12	0	19.37	19.27	19.42	19.26	19.34	20.9	0
5	QPSK	12	7	19.14	19.23	19.34	19.22	19.24		
5	QPSK	12	13	19.11	19.29	19.37	19.23	19.37		
5	QPSK	25	0	19.35	19.34	19.42	19.26	19.41		
5	16QAM	1	0	19.12	19.27	19.34	19.21	19.14	20.9	0
5	16QAM	1	12	19.22	19.23	19.39	19.36	19.21		
5	16QAM	1	24	19.28	19.39	19.41	19.37	19.47		
5	16QAM	12	0	19.19	19.13	19.25	19.26	19.29	20.9	0
5	16QAM	12	7	19.22	19.25	19.32	19.32	19.25		
5	16QAM	12	13	19.30	19.30	19.40	19.39	19.36		
5	16QAM	25	0	19.27	19.24	19.34	19.24	19.25		
5	64QAM	1	0	19.19	19.27	19.36	19.26	19.19	20.9	0
5	64QAM	1	12	19.25	19.22	19.36	19.43	19.40		
5	64QAM	1	24	19.21	19.22	19.32	19.24	19.20		
5	64QAM	12	0	19.24	19.14	19.41	19.27	19.31	20.9	0
5	64QAM	12	7	19.24	19.30	19.40	19.27	19.36		
5	64QAM	12	13	19.13	19.12	19.28	19.17	19.20		
5	64QAM	25	0	19.18	19.21	19.33	19.28	19.30		
5	256QAM	1	0	19.22	19.41	19.38	19.40	19.38	20.9	0
5	256QAM	1	12	19.15	19.21	19.21	19.18	19.22		
5	256QAM	1	24	19.15	19.21	19.31	19.38	19.13		
5	256QAM	12	0	19.23	19.27	19.41	19.26	19.37	20.9	0
5	256QAM	12	7	19.26	19.28	19.35	19.35	19.49		
5	256QAM	12	13	19.12	19.21	19.29	19.26	19.28		
5	256QAM	25	0	19.23	19.25	19.36	19.27	19.13		

Downlink CA Power

2CA DL

CA List	PCC									SCC					Power	
	LTE Band	BW Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_38C	Band 38	Ant 1	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	23.07	23.12
CA_41A-42A	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	23.11	23.14
	Band 42	Ant 2	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	22.36	23.02
CA_5A-7A	Band 5	Ant 0	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	22.65	22.70
	Band 5	Ant 4	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	21.06	21.15
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.65	22.79
CA_7A-7A	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	22.71	22.79
CA_7B	Band 7	Ant 1	15M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2544.3	3193	4x4MIMO	22.69	22.79
CA_7C	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.67	22.79
CA_7A-26A	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 26	15M	8865	876.5		22.66	22.79
	Band 26	Ant 0	15M	831.5	26865	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	22.59	22.60
	Band 26	Ant 4	15M	831.5	26865	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	21.15	21.19

3CA DL

3CA List	PCC									SCC1					SCC2					Power	
	LTE Band	BW Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_41A-41A-41A	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	23.11	23.14
CA_41A-42C	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	23.09	23.14
	Band 42	Ant 2	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	22.35	23.02
CA_41C-42A	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	23.13	23.14
	Band 42	Ant 2	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	22.32	23.02

4CA DL

Configure	PCC									SCC1					SCC2					SCC3					Power	
	LTE Band	BW Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_41A-41A-41C	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	Band 41	20M	2525.8	39948	4x4MIMO	23.10	23.14
CA_41A-41D	Band 41	Ant 1	20M	2506	39750	QPSK	1	0	4x4MIMO	Band 41	20M	2640.4	41094	4x4MIMO	Band 41	20M	2660.2	41292	4x4MIMO	Band 41	20M	2680	41490	4x4MIMO	23.11	23.14
CA_41C-41C	Band 41	Ant 1	20M	2506	39750	QPSK	1	0	4x4MIMO	Band 41	20M	2525.8	39948	4x4MIMO	Band 41	20M	2660.2	41292	4x4MIMO	Band 41	20M	2680	41490	4x4MIMO	23.08	23.14
CA_41C-42C	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	23.05	23.14
	Band 42	Ant 2	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	22.31	23.02
CA_41E	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	20M	2652.4	41214	4x4MIMO	23.12	23.14

UL CA power

Full Power&DSI2

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	22.65	24.00
21100	21298	QPSK	1	99	1	0	22.68	24.00
21350	21152	QPSK	1	0	1	99	22.54	24.00

Full Power&DSI2&DSI6

CA_38C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.59	24.00
37901	38099	QPSK	1	99	1	0	22.7	24.00
38150	37952	QPSK	1	0	1	99	22.54	24.00

Full Power&DSI2&DSI3&DSI7&DSI6

CA_41C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	15.98	17.00
40185	40383	QPSK	1	99	1	0	15.89	17.00
40620	40818	QPSK	1	99	1	0	16.01	17.00
41055	41253	QPSK	1	99	1	0	15.95	17.00
41490	41292	QPSK	1	0	1	99	15.94	17.00

Full Power

CA_42C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	22.48	24.00
42590	42788	QPSK	1	99	1	0	22.51	24.00
42990	42792	QPSK	1	0	1	99	22.45	24.00

UL CA power

DSI 3

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	21.01	22.00
21100	21298	QPSK	1	99	1	0	21.08	22.00
21350	21152	QPSK	1	0	1	99	21.04	22.00

DSI 3

CA_38C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	21.94	23.00
37901	38099	QPSK	1	99	1	0	22.05	23.00
38150	37952	QPSK	1	0	1	99	21.88	23.00

DSI 7

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	20.48	21.80
21100	21298	QPSK	1	99	1	0	20.65	21.80
21350	21152	QPSK	1	0	1	99	20.52	21.80

DSI 7

CA_38C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	21.05	22.40
37901	38099	QPSK	1	99	1	0	21.12	22.40
38150	37952	QPSK	1	0	1	99	21.07	22.40

DSI 6

CA_7C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	21.01	22.00
21100	21298	QPSK	1	99	1	0	21.08	22.00
21350	21152	QPSK	1	0	1	99	21.04	22.00

DSI 2

CA_42C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	18.22	19.80
42590	42788	QPSK	1	99	1	0	18.41	19.80
42990	42792	QPSK	1	0	1	99	18.19	19.80

DSI 3

CA_42C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	17.51	19.40
42590	42788	QPSK	1	99	1	0	17.65	19.40
42990	42792	QPSK	1	0	1	99	17.48	19.40

DSI 7

CA_42C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	15.77	16.70
42590	42788	QPSK	1	99	1	0	15.82	16.70
42990	42792	QPSK	1	0	1	99	15.71	16.70

DSI 6

CA_42C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	20.17	22.00
42590	42788	QPSK	1	99	1	0	20.22	22.00
42990	42792	QPSK	1	0	1	99	20.15	22.00

Full&Default Power Mode

n5 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		23.14		24.0	0.0
25	PI/2 BPSK	1	67		22.93			
25	PI/2 BPSK	1	131		23.20			
25	PI/2 BPSK	64	0		22.44		23.5	0.5
25	PI/2 BPSK	64	35		22.87		24.0	0.0
25	PI/2 BPSK	64	69		22.45		23.5	0.5
25	PI/2 BPSK	128	0		22.46			
25	QPSK	1	1		23.24		24.0	0.0
25	QPSK	1	67		22.93			
25	QPSK	1	131		23.17			
25	QPSK	64	0		21.99		23.0	1.0
25	QPSK	64	35		22.98		24.0	0.0
25	QPSK	64	69		22.05		23.0	1.0
25	QPSK	128	0		22.00			
25	16QAM	1	1		22.42		23.0	1.0
25	64QAM	1	1		20.88		21.5	2.5
25	256QAM	1	1		18.87		19.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.18	23.13	23.17	0.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.12	23.11	23.15	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.15	23.15	23.19	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	23.13	23.20	23.13	24.0	0.0

n26 Ant0 Default

BW [MHz]	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	22.44	22.50	22.34	24.0	0.0
20	PI/2 BPSK	1	53	22.54	22.53	22.46		
20	PI/2 BPSK	1	104	22.46	22.54	22.45		
20	PI/2 BPSK	50	0	21.90	22.05	21.94	23.5	0.5
20	PI/2 BPSK	50	28	22.49	22.54	22.43	24.0	0.0
20	PI/2 BPSK	50	56	22.03	22.10	21.94	23.5	0.5
20	PI/2 BPSK	100	0	21.97	22.09	21.97		
20	QPSK	1	1	22.72	22.91	22.53	24.0	0.0
20	QPSK	1	53	22.49	22.55	22.49		
20	QPSK	1	104	22.47	22.53	22.40		
20	QPSK	50	0	21.30	21.52	21.36	23.0	1.0
20	QPSK	50	28	22.48	22.53	22.37	24.0	0.0
20	QPSK	50	56	21.45	21.53	21.55	23.0	1.0
20	QPSK	100	0	21.49	21.54	21.48		
20	16QAM	1	1	21.47	21.60	21.49	23.0	1.0
20	64QAM	1	1	20.02	20.10	19.95	21.5	2.5
20	256QAM	1	1	18.24	18.22	18.13	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.63	22.86	22.50	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.63	22.78	22.40	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	22.68	22.80	22.48	24.0	0.0

n71 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				135600	136100	136600		
Frequency (MHz)				678	680.5	683		
30	PI/2 BPSK	1	1	23.08	23.13	23.10	24.0	0.0
30	PI/2 BPSK	1	80	22.77	22.83	22.79		
30	PI/2 BPSK	1	158	22.81	22.87	22.86		
30	PI/2 BPSK	80	0	22.37	22.45	22.44	23.5	0.5
30	PI/2 BPSK	80	40	22.86	22.94	22.86	24.0	0.0
30	PI/2 BPSK	80	80	22.83	22.88	22.73	23.5	0.5
30	PI/2 BPSK	160	0	22.33	22.47	22.33		
30	QPSK	1	1	23.14	23.22	23.14	24.0	0.0
30	QPSK	1	80	22.84	22.92	22.77		
30	QPSK	1	158	22.87	22.91	22.85		
30	QPSK	80	0	21.89	21.95	21.95	23.0	1.0
30	QPSK	80	40	22.84	22.90	22.85	24.0	0.0
30	QPSK	80	80	21.89	21.85	21.82	23.0	1.0
30	QPSK	160	0	21.88	21.95	21.82		
30	16QAM	1	1	22.21	22.34	22.17	23.0	1.0
30	64QAM	1	1	20.73	20.86	20.83	21.5	2.5
30	256QAM	1	1	18.79	18.84	18.70	19.5	4.5
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	23.02	23.17	23.06	24.0	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	23.09	23.15	23.09	24.0	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.03	23.13	23.07	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.04	23.12	23.07	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.01	23.18	23.02	24.0	0.0

n7 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.08	23.21	23.13	24.0	0.0
40	PI/2 BPSK	1	108	23.07	23.19	23.16		
40	PI/2 BPSK	1	214	23.20	23.23	23.14		
40	PI/2 BPSK	108	0	22.58	22.67	22.58	23.5	0.5
40	PI/2 BPSK	108	54	23.04	23.10	23.01	24.0	0.0
40	PI/2 BPSK	108	108	22.57	22.63	22.61	23.5	0.5
40	PI/2 BPSK	216	0	22.60	22.67	22.65		
40	QPSK	1	1	23.19	23.24	23.20	24.0	0.0
40	QPSK	1	108	23.11	23.21	23.07		
40	QPSK	1	214	23.06	23.19	23.11		
40	QPSK	108	0	22.04	22.14	22.00	23.0	1.0
40	QPSK	108	54	23.06	23.16	23.05	24.0	0.0
40	QPSK	108	108	22.06	22.19	22.17	23.0	1.0
40	QPSK	216	0	22.11	22.17	22.09		
40	16QAM	1	1	22.24	22.35	22.25	23.0	1.0
40	64QAM	1	1	20.72	20.84	20.81	21.5	2.5
40	256QAM	1	1	18.75	18.87	18.84	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.08	23.21	23.11	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	23.10	23.16	23.07	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	23.09	23.17	23.12	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	23.15	23.20	23.10	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.15	23.12	23.17	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	23.12	23.14	23.07	24.0	0.0

n38 Ant1 Default

BW [MHz]	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	23.10	23.18	23.03	24.0	0.0
40	PI/2 BPSK	1	53	23.10	23.21	23.15		
40	PI/2 BPSK	1	104	23.17	23.21	23.12		
40	PI/2 BPSK	50	0	22.73	22.71	22.61	23.5	0.5
40	PI/2 BPSK	50	28	23.00	23.15	23.12	24.0	0.0
40	PI/2 BPSK	50	56	22.54	22.69	22.71	23.5	0.5
40	PI/2 BPSK	100	0	22.61	22.68	22.52		
40	QPSK	1	1	23.15	23.22	23.19	24.0	0.0
40	QPSK	1	53	23.04	23.18	23.05		
40	QPSK	1	104	23.01	23.17	23.07		
40	QPSK	50	0	21.93	22.15	22.08	23.0	1.0
40	QPSK	50	28	23.14	23.16	23.04	24.0	0.0
40	QPSK	50	56	22.12	22.22	22.03	23.0	1.0
40	QPSK	100	0	22.13	22.21	22.00		
40	16QAM	1	1	22.21	22.39	22.36	23.0	1.0
40	64QAM	1	1	20.91	20.91	20.82	21.5	2.5
40	256QAM	1	1	18.85	18.89	18.72	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.09	23.18	23.11	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.12	23.19	23.08	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	23.03	23.09	23.05	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	23.10	23.16	23.11	24.0	0.0

n41 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.00	23.18	23.16	24.0	0.0
100	PI/2 BPSK	1	137	22.95	23.08	23.09		
100	PI/2 BPSK	1	271	23.10	23.14	22.93		
100	PI/2 BPSK	135	0	22.46	22.55	22.36	23.5	0.5
100	PI/2 BPSK	135	69	22.88	23.03	22.96	24.0	0.0
100	PI/2 BPSK	135	138	22.45	22.54	22.45	23.5	0.5
100	PI/2 BPSK	270	0	22.51	22.57	22.38		
100	QPSK	1	1	23.14	23.25	23.12	24.0	0.0
100	QPSK	1	137	23.06	23.07	23.04		
100	QPSK	1	271	23.05	23.13	23.00		
100	QPSK	135	0	21.97	21.99	21.79	23.0	1.0
100	QPSK	135	69	23.07	23.16	23.03	24.0	0.0
100	QPSK	135	138	22.02	22.01	21.93	23.0	1.0
100	QPSK	270	0	21.98	22.10	21.98		
100	16QAM	1	1	22.09	22.21	22.11	23.0	1.0
100	64QAM	1	1	20.66	20.64	20.59	21.5	2.5
100	256QAM	1	1	18.67	18.69	18.59	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.06	23.19	23.02	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.03	23.20	22.98	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	23.01	23.15	23.07	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	23.06	23.18	23.07	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.07	23.18	23.00	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.02	23.21	23.04	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	23.06	23.21	23.02	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	23.11	23.12	23.02	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.05	23.15	23.00	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.04	23.15	23.03	24.0	0.0

Part27O n77 Ant2 Default

BW [MHz]	Modulation	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	22.76	22.90	22.90	24.0	0.0
100	PI/2 BPSK	1	137	22.79	22.97	22.77		
100	PI/2 BPSK	1	271	23.17	23.15	22.99		
100	PI/2 BPSK	135	0	22.82	22.87	22.87	24.0	0.0
100	PI/2 BPSK	135	69	22.76	22.86	22.86	24.0	0.0
100	PI/2 BPSK	135	138	22.82	22.94	22.75	24.0	0.0
100	PI/2 BPSK	270	0	22.73	22.88	22.79		
100	QPSK	1	1	22.77	23.26	23.24	24.0	0.0
100	QPSK	1	137	23.02	23.14	23.15		
100	QPSK	1	271	23.18	23.24	23.21		
100	QPSK	135	0	22.88	23.00	22.81	24.0	0.0
100	QPSK	135	69	22.90	23.01	22.80	24.0	0.0
100	QPSK	135	138	22.99	22.98	22.93	24.0	0.0
100	QPSK	270	0	22.96	22.98	22.88		
100	16QAM	1	1	22.98	23.05	22.83	24.0	0.0
100	64QAM	1	1	22.99	23.06	22.87	24.0	0.0
100	256QAM	1	1	21.32	21.51	21.37	22.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.65	23.17	23.10	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	22.63	23.17	23.18	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.70	23.21	23.12	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	22.70	23.18	23.18	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	22.66	23.19	23.22	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.65	23.23	23.13	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	22.67	23.16	23.12	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	22.73	23.14	23.13	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	22.74	23.16	23.18	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.71	23.22	23.16	24.0	0.0

Part27O n77 PC2 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.88	26.06	26.05	27.0	0.0
100	PI/2 BPSK	1	137	26.14	26.18	26.01		
100	PI/2 BPSK	1	271	26.15	26.22	26.10		
100	PI/2 BPSK	135	0	25.46	25.57	25.38	26.5	0.5
100	PI/2 BPSK	135	69	26.00	26.10	26.01	27.0	0.0
100	PI/2 BPSK	135	138	25.33	25.52	25.50	26.5	0.5
100	PI/2 BPSK	270	0	25.39	25.59	25.48		
100	QPSK	1	1	25.95	26.25	26.13	27.0	0.0
100	QPSK	1	137	25.98	26.01	25.99		
100	QPSK	1	271	25.84	25.87	25.83		
100	QPSK	135	0	24.91	25.06	24.92	26.0	1.0
100	QPSK	135	69	25.83	25.92	25.86	27.0	0.0
100	QPSK	135	138	24.79	24.90	24.78	26.0	1.0
100	QPSK	270	0	24.96	24.97	24.92		
100	16QAM	1	1	25.20	25.20	25.05	26.0	1.0
100	64QAM	1	1	23.52	23.71	23.58	24.5	2.5
100	256QAM	1	1	21.63	21.65	21.56	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.86	26.12	26.02	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.89	26.18	26.04	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.93	26.23	26.10	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.86	26.16	26.11	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.83	26.13	26.11	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.84	26.13	26.07	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.89	26.14	26.07	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.81	26.14	26.10	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.82	26.11	26.11	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.91	26.22	26.04	27.0	0.0

Part27O n78 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.99		24.0	0.0
100	PI/2 BPSK	1	137		22.96			
100	PI/2 BPSK	1	271		22.96			
100	PI/2 BPSK	135	0		22.90		24.0	0.0
100	PI/2 BPSK	135	69		22.87		24.0	0.0
100	PI/2 BPSK	135	138		22.89		24.0	0.0
100	PI/2 BPSK	270	0		22.90			
100	QPSK	1	1		23.07		24.0	0.0
100	QPSK	1	137		22.96			
100	QPSK	1	271		22.91			
100	QPSK	135	0		22.88		24.0	0.0
100	QPSK	135	69		22.91		24.0	0.0
100	QPSK	135	138		22.74		24.0	0.0
100	QPSK	270	0		22.89			
100	16QAM	1	1		23.05		24.0	0.0
100	64QAM	1	1		23.01		24.0	0.0
100	256QAM	1	1		21.51		22.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.01	23.00	22.95	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	23.01	23.01	22.95	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.01	22.99	23.03	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	22.95	22.97	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	23.01	22.93	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.05	22.97	22.96	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	22.96	23.05	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	23.05	22.99	23.00	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	22.94	22.99	23.04	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.02	23.00	23.05	24.0	0.0

Part27O n78 PC2 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.93		27.0	0.0
100	PI/2 BPSK	1	137		25.92			
100	PI/2 BPSK	1	271		25.89			
100	PI/2 BPSK	135	0		25.32		26.5	0.5
100	PI/2 BPSK	135	69		25.83		27.0	0.0
100	PI/2 BPSK	135	138		25.32		26.5	0.5
100	PI/2 BPSK	270	0		25.34			
100	QPSK	1	1		26.03		27.0	0.0
100	QPSK	1	137		26.02			
100	QPSK	1	271		25.97			
100	QPSK	135	0		24.90		26.0	1.0
100	QPSK	135	69		25.86		27.0	0.0
100	QPSK	135	138		24.80		26.0	1.0
100	QPSK	270	0		24.91			
100	16QAM	1	1		25.05		26.0	1.0
100	64QAM	1	1		23.53		24.5	2.5
100	256QAM	1	1		21.51		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.99	25.95	25.91	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.03		
80	QPSK	1	1	25.94	25.94	25.89	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.98	25.89	25.96	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.00	25.96	25.97	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.01	25.96	25.95	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.95	25.94	25.90	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.93	25.99	25.92	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.01	25.96	26.00	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.96	25.92	25.95	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.90	25.91	25.95	27.0	0.0

n5 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		22.24		24.0	0.0
25	PI/2 BPSK	1	67		22.22			
25	PI/2 BPSK	1	131		22.21			
25	PI/2 BPSK	64	0		21.81		23.5	0.5
25	PI/2 BPSK	64	35		22.15		24.0	0.0
25	PI/2 BPSK	64	69		21.86		23.5	0.5
25	PI/2 BPSK	128	0		21.90			
25	QPSK	1	1		22.46		24.0	0.0
25	QPSK	1	67		22.40			
25	QPSK	1	131		22.41			
25	QPSK	64	0		21.30		23.0	1.0
25	QPSK	64	35		22.15		24.0	0.0
25	QPSK	64	69		21.21		23.0	1.0
25	QPSK	128	0		21.16			
25	16QAM	1	1		21.44		23.0	1.0
25	64QAM	1	1		19.83		21.5	2.5
25	256QAM	1	1		17.75		19.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.34	22.27	22.30	0.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.28	22.30	22.29	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.31	22.28	22.30	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	22.36	22.27	22.26	24.0	0.0

n7 For ENDC Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.07	23.18	23.05	24.0	0.0
40	PI/2 BPSK	1	108	23.20	23.24	23.19		
40	PI/2 BPSK	1	214	23.09	23.14	23.03		
40	PI/2 BPSK	108	0	22.62	22.68	22.64	23.5	0.5
40	PI/2 BPSK	108	54	23.10	23.16	23.08	24.0	0.0
40	PI/2 BPSK	108	108	22.51	22.64	22.53	23.5	0.5
40	PI/2 BPSK	216	0	22.56	22.62	22.58		
40	QPSK	1	1	23.29	23.35	23.21	24.0	0.0
40	QPSK	1	108	23.15	23.24	23.14		
40	QPSK	1	214	23.18	23.21	23.17		
40	QPSK	108	0	22.12	22.18	22.06	23.0	1.0
40	QPSK	108	54	23.06	23.15	23.12	24.0	0.0
40	QPSK	108	108	21.95	22.09	22.01	23.0	1.0
40	QPSK	216	0	22.02	22.15	22.09		
40	16QAM	1	1	22.16	22.30	22.26	23.0	1.0
40	64QAM	1	1	20.66	20.78	20.71	21.5	2.5
40	256QAM	1	1	18.74	18.79	18.71	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.19	23.27	23.11	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	23.24	23.22	23.18	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	23.23	23.27	23.09	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	23.27	23.23	23.19	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.22	23.32	23.17	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	23.18	23.23	23.11	24.0	0.0

n26 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.36	21.50	21.45	23.0	0.0
20	PI/2 BPSK	1	53	21.28	21.42	21.31		
20	PI/2 BPSK	1	104	21.32	21.35	21.25		
20	PI/2 BPSK	50	0	20.83	20.87	20.77	22.5	0.5
20	PI/2 BPSK	50	28	21.16	21.29	21.22	23.0	0.0
20	PI/2 BPSK	50	56	20.89	20.95	20.84	22.5	0.5
20	PI/2 BPSK	100	0	20.87	20.93	20.79		
20	QPSK	1	1	21.55	21.59	21.49	23.0	0.0
20	QPSK	1	53	21.50	21.52	21.42		
20	QPSK	1	104	21.31	21.43	21.39		
20	QPSK	50	0	20.31	20.40	20.32	22.0	1.0
20	QPSK	50	28	21.26	21.34	21.32	23.0	0.0
20	QPSK	50	56	20.37	20.48	20.42	22.0	1.0
20	QPSK	100	0	20.41	20.46	20.42		
20	16QAM	1	1	20.51	20.62	20.51	22.0	1.0
20	64QAM	1	1	18.99	19.08	19.05	20.5	2.5
20	256QAM	1	1	17.22	17.25	17.16	18.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.51	21.56	21.44	23.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.53	21.51	21.40	23.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.46	21.53	21.35	23.0	0.0

n71 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				135600	136100	136600		
Frequency (MHz)				678	680.5	683		
30	PI/2 BPSK	1	1	22.94	23.01	22.96	24.0	0.0
30	PI/2 BPSK	1	80	22.72	22.93	22.80		
30	PI/2 BPSK	1	158	22.75	22.92	22.77		
30	PI/2 BPSK	80	0	22.35	22.41	22.29	23.5	0.5
30	PI/2 BPSK	80	40	22.80	22.85	22.77	24.0	0.0
30	PI/2 BPSK	80	80	22.76	22.80	22.71	23.5	0.5
30	PI/2 BPSK	160	0	22.36	22.31	22.37		
30	QPSK	1	1	22.95	23.09	23.04	24.0	0.0
30	QPSK	1	80	22.87	23.00	22.88		
30	QPSK	1	158	22.92	22.95	22.92		
30	QPSK	80	0	21.80	21.93	21.91	23.0	1.0
30	QPSK	80	40	22.80	22.88	22.74	24.0	0.0
30	QPSK	80	80	21.72	21.77	21.67	23.0	1.0
30	QPSK	160	0	21.84	21.86	21.81		
30	16QAM	1	1	22.20	22.32	22.17	23.0	1.0
30	64QAM	1	1	20.58	20.70	20.69	21.5	2.5
30	256QAM	1	1	18.76	18.91	18.87	19.5	4.5
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	22.80	22.96	22.88	24.0	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	22.80	23.02	22.97	24.0	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.88	22.96	22.99	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.85	23.00	22.99	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.87	22.94	22.98	24.0	0.0

Part27O n77 Ant5 Default

BW [MHz]	Modulation	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	18.21	18.28	18.23	19.0	0.0
100	PI/2 BPSK	1	137	18.24	18.27	18.23		
100	PI/2 BPSK	1	271	18.14	18.24	18.16		
100	PI/2 BPSK	135	0	18.12	18.22	18.20	19.0	0.0
100	PI/2 BPSK	135	69	18.15	18.17	18.04	19.0	0.0
100	PI/2 BPSK	135	138	17.99	18.09	18.04	19.0	0.0
100	PI/2 BPSK	270	0	18.11	18.14	18.03		
100	QPSK	1	1	18.24	18.35	18.28	19.0	0.0
100	QPSK	1	137	18.16	18.29	18.18		
100	QPSK	1	271	18.20	18.31	18.24		
100	QPSK	135	0	18.14	18.17	18.05	19.0	0.0
100	QPSK	135	69	18.07	18.19	18.11	19.0	0.0
100	QPSK	135	138	18.05	18.09	18.07	19.0	0.0
100	QPSK	270	0	18.12	18.18	18.07		
100	16QAM	1	1	18.01	18.11	18.06	19.0	0.0
100	64QAM	1	1	17.31	17.43	17.34	19.0	0.0
100	256QAM	1	1	15.93	15.98	15.90	17.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.19	18.32	18.24	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.13	18.31	18.25	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.12	18.29	18.22	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.16	18.25	18.14	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.17	18.26	18.23	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.11	18.32	18.24	19.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.20	18.26	18.19	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.20	18.31	18.23	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.13	18.24	18.15	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.14	18.23	18.21	19.0	0.0

Part27O n77 PC2 Ant5 Default

BW [MHz]	Modulation	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	21.13	21.17	21.17	22.0	0.0
100	PI/2 BPSK	1	137	20.96	21.11	21.04		
100	PI/2 BPSK	1	271	20.93	21.14	20.96		
100	PI/2 BPSK	135	0	20.59	20.62	20.54	21.5	0.5
100	PI/2 BPSK	135	69	20.98	20.99	20.98	22.0	0.0
100	PI/2 BPSK	135	138	20.92	21.00	20.94	21.5	0.5
100	PI/2 BPSK	270	0	20.55	20.52	20.55		
100	QPSK	1	1	21.16	21.33	21.26	22.0	0.0
100	QPSK	1	137	21.09	21.15	21.04		
100	QPSK	1	271	21.10	21.09	21.12		
100	QPSK	135	0	19.99	20.16	20.11	21.0	1.0
100	QPSK	135	69	21.01	21.05	20.92	22.0	0.0
100	QPSK	135	138	19.86	20.03	19.93	21.0	1.0
100	QPSK	270	0	20.03	20.07	20.02		
100	16QAM	1	1	20.37	20.49	20.33	21.0	1.0
100	64QAM	1	1	18.72	18.89	18.84	19.5	2.5
100	256QAM	1	1	16.95	17.13	17.13	17.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.08	21.17	21.16	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.06	21.22	21.17	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.02	21.28	21.22	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.00	21.23	21.22	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.01	21.26	21.16	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.03	21.23	21.20	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.06	21.28	21.12	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.10	21.20	21.18	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.02	21.27	21.18	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.07	21.25	21.14	22.0	0.0

Part27O n78 Ant5 Default

BW [MHz]	Modulation	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		18.22		19.0	0.0
100	PI/2 BPSK	1	137		18.29			
100	PI/2 BPSK	1	271		18.28			
100	PI/2 BPSK	135	0		18.24		19.0	0.0
100	PI/2 BPSK	135	69		18.17		19.0	0.0
100	PI/2 BPSK	135	138		18.21		19.0	0.0
100	PI/2 BPSK	270	0		18.17			
100	QPSK	1	1		18.38		19.0	0.0
100	QPSK	1	137		18.29			
100	QPSK	1	271		18.31			
100	QPSK	135	0		18.25		19.0	0.0
100	QPSK	135	69		18.28		19.0	0.0
100	QPSK	135	138		18.21		19.0	0.0
100	QPSK	270	0		18.15			
100	16QAM	1	1		18.36		19.0	0.0
100	64QAM	1	1		17.29		19.0	0.0
100	256QAM	1	1		15.85		17.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.24	18.35	18.25	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.28	18.30	18.24	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.35	18.32	18.31	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.24	18.34	18.31	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.32	18.34	18.34	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.27	18.35	18.31	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.24	18.36	18.30	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.25	18.25	18.32	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.31	18.34	18.25	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.33	18.27	18.33	19.0	0.0

Part27O n78 PC2 Ant5 Default

BW [MHz]	Modulation	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		21.15		22.0	0.0
100	PI/2 BPSK	1	137		21.20			
100	PI/2 BPSK	1	271		21.11			
100	PI/2 BPSK	135	0		20.61		21.5	0.5
100	PI/2 BPSK	135	69		21.08		22.0	0.0
100	PI/2 BPSK	135	138		20.73		21.5	0.5
100	PI/2 BPSK	270	0		20.55			
100	QPSK	1	1		21.31		22.0	0.0
100	QPSK	1	137		21.24			
100	QPSK	1	271		21.30			
100	QPSK	135	0		20.08		21.0	1.0
100	QPSK	135	69		21.29		22.0	0.0
100	QPSK	135	138		20.19		21.0	1.0
100	QPSK	270	0		20.15			
100	16QAM	1	1		20.26		21.0	1.0
100	64QAM	1	1		18.76		19.5	2.5
100	256QAM	1	1		16.66		17.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.02	21.27	21.15	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.12	21.20	21.14	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.08	21.29	21.13	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.10	21.28	21.17	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.05	21.19	21.21	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.05	21.22	21.21	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.07	21.28	21.17	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.11	21.19	21.18	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.06	21.28	21.20	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.10	21.28	21.13	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.17	19.23	19.09	20.0	0.0
100	PI/2 BPSK	1	137	19.22	19.33	19.24		
100	PI/2 BPSK	1	271	19.25	19.35	19.24		
100	PI/2 BPSK	135	0	19.12	19.23	19.14	20.0	0.0
100	PI/2 BPSK	135	69	19.17	19.23	19.18	20.0	0.0
100	PI/2 BPSK	135	138	19.12	19.16	19.05	20.0	0.0
100	PI/2 BPSK	270	0	19.17	19.22	19.10		
100	QPSK	1	1	19.30	19.49	19.27	20.0	0.0
100	QPSK	1	137	19.39	19.34	19.34		
100	QPSK	1	271	19.42	19.45	19.35		
100	QPSK	135	0	19.17	19.24	19.14	20.0	0.0
100	QPSK	135	69	19.24	19.32	19.28	20.0	0.0
100	QPSK	135	138	19.16	19.29	19.17	20.0	0.0
100	QPSK	270	0	19.14	19.19	19.08		
100	16QAM	1	1	19.26	19.39	19.28	20.0	0.0
100	64QAM	1	1	18.99	18.60	18.94	20.0	0.0
100	256QAM	1	1	17.09	17.14	17.09	18.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.26	19.47	19.31	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.29	19.37	19.22	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.25	19.35	19.26	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.25	19.43	19.29	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.27	19.38	19.25	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.27	19.43	19.20	20.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.33	19.45	19.27	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.36	19.37	19.27	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.34	19.37	19.29	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.37	19.41	19.31	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.47	22.46	22.27	23.0	0.0
100	PI/2 BPSK	1	137	22.32	22.47	22.32		
100	PI/2 BPSK	1	271	22.08	22.08	22.06		
100	PI/2 BPSK	135	0	22.00	22.12	22.11	22.5	0.5
100	PI/2 BPSK	135	69	22.30	22.40	22.25	23.0	0.0
100	PI/2 BPSK	135	138	21.76	21.87	21.77	22.5	0.5
100	PI/2 BPSK	270	0	21.95	21.92	21.93		
100	QPSK	1	1	22.49	22.62	22.45	23.0	0.0
100	QPSK	1	137	22.47	22.59	22.44		
100	QPSK	1	271	22.39	22.56	22.34		
100	QPSK	135	0	21.35	21.48	21.38	22.0	1.0
100	QPSK	135	69	22.18	22.37	22.15	23.0	0.0
100	QPSK	135	138	21.43	21.53	21.35	22.0	1.0
100	QPSK	270	0	21.22	21.29	21.11		
100	16QAM	1	1	21.43	21.55	21.30	22.0	1.0
100	64QAM	1	1	19.90	20.06	19.87	20.5	2.5
100	256QAM	1	1	17.94	18.04	17.83	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.39	22.58	22.31	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.37	22.55	22.31	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.38	22.49	22.35	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.42	22.48	22.34	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.36	22.53	22.30	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.38	22.57	22.37	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.37	22.55	22.34	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.40	22.50	22.31	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.43	22.51	22.37	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.43	22.47	22.36	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.32		20.0	0.0
100	PI/2 BPSK	1	137		19.27			
100	PI/2 BPSK	1	271		19.29			
100	PI/2 BPSK	135	0		19.22		20.0	0.0
100	PI/2 BPSK	135	69		19.19		20.0	0.0
100	PI/2 BPSK	135	138		19.16		20.0	0.0
100	PI/2 BPSK	270	0		19.18			
100	QPSK	1	1		19.42		20.0	0.0
100	QPSK	1	137		19.35			
100	QPSK	1	271		19.38			
100	QPSK	135	0		19.31		20.0	0.0
100	QPSK	135	69		19.39		20.0	0.0
100	QPSK	135	138		19.24		20.0	0.0
100	QPSK	270	0		19.17			
100	16QAM	1	1		19.40		20.0	0.0
100	64QAM	1	1		18.81		20.0	0.0
100	256QAM	1	1		17.37		18.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.37	19.29	19.30	20.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.31	19.33	19.36	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.37	19.36	19.39	20.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.37	19.33	19.37	20.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.30	19.38	19.38	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.37	19.29	19.31	20.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.30	19.32	19.30	20.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.38	19.34	19.39	20.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.30	19.34	19.38	20.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.37	19.32	19.39	20.0	0.0

Part27O n78 PC2 Ant7 Default

BW [MHz]	Modulation	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		22.26		23.0	0.0
100	PI/2 BPSK	1	137		22.30			
100	PI/2 BPSK	1	271		22.29			
100	PI/2 BPSK	135	0		21.87		22.5	0.5
100	PI/2 BPSK	135	69		22.28		23.0	0.0
100	PI/2 BPSK	135	138		21.76		22.5	0.5
100	PI/2 BPSK	270	0		21.74			
100	QPSK	1	1		22.27		23.0	0.0
100	QPSK	1	137		21.82			
100	QPSK	1	271		21.61			
100	QPSK	135	0		20.79		22.0	1.0
100	QPSK	135	69		21.97		23.0	0.0
100	QPSK	135	138		20.97		22.0	1.0
100	QPSK	270	0		20.66			
100	16QAM	1	1		20.91		22.0	1.0
100	64QAM	1	1		19.46		20.5	2.5
100	256QAM	1	1		18.07		18.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.00	22.10	22.07	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.03		
80	QPSK	1	1	22.08	22.06	22.01	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.04	22.09	22.00	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.01	22.13	22.09	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.01	22.06	22.02	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.01	22.13	22.07	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.05	22.11	22.09	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.00	22.08	22.09	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.03	22.09	22.11	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.07	22.17	22.08	23.0	0.0

Part27O n77 Ant11 Default

BW [MHz]	Modulation	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	22.53	22.60	22.57	24.0	0.0
100	PI/2 BPSK	1	137	22.78	22.81	22.67		
100	PI/2 BPSK	1	271	22.79	22.89	22.85		
100	PI/2 BPSK	135	0	22.54	22.59	22.48	24.0	0.0
100	PI/2 BPSK	135	69	22.59	22.72	22.61	24.0	0.0
100	PI/2 BPSK	135	138	22.60	22.70	22.59	24.0	0.0
100	PI/2 BPSK	270	0	22.70	22.74	22.69		
100	QPSK	1	1	22.79	22.91	22.79	24.0	0.0
100	QPSK	1	137	22.63	22.65	22.62		
100	QPSK	1	271	22.72	22.85	22.82		
100	QPSK	135	0	22.50	22.61	22.54	24.0	0.0
100	QPSK	135	69	22.66	22.77	22.70	24.0	0.0
100	QPSK	135	138	22.61	22.70	22.59	24.0	0.0
100	QPSK	270	0	22.63	22.72	22.69		
100	16QAM	1	1	22.68	22.73	22.67	24.0	0.0
100	64QAM	1	1	22.64	22.71	22.67	24.0	0.0
100	256QAM	1	1	21.10	21.14	21.08	22.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.74	22.78	22.76	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	22.75	22.87	22.70	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.70	22.80	22.71	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	22.77	22.86	22.73	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	22.67	22.78	22.69	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	22.81	22.68	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	22.71	22.80	22.68	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	22.79	22.69	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	22.75	22.82	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	22.67	22.86	22.74	24.0	0.0

Part27O n77 PC2 Ant11 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.59	25.65	25.54	27.0	0.0
100	PI/2 BPSK	1	137	25.69	25.75	25.67		
100	PI/2 BPSK	1	271	25.72	25.78	25.65		
100	PI/2 BPSK	135	0	25.03	25.13	25.10	26.5	0.5
100	PI/2 BPSK	135	69	25.54	25.63	25.58	27.0	0.0
100	PI/2 BPSK	135	138	25.07	25.18	25.07	26.5	0.5
100	PI/2 BPSK	270	0	25.00	25.09	25.01		
100	QPSK	1	1	25.74	25.81	25.70	27.0	0.0
100	QPSK	1	137	25.66	25.78	25.74		
100	QPSK	1	271	25.73	25.79	25.75		
100	QPSK	135	0	24.47	24.59	24.49	26.0	1.0
100	QPSK	135	69	25.51	25.62	25.49	27.0	0.0
100	QPSK	135	138	24.66	24.71	24.68	26.0	1.0
100	QPSK	270	0	24.58	24.62	24.54		
100	16QAM	1	1	24.66	24.76	24.68	26.0	1.0
100	64QAM	1	1	23.19	23.22	23.14	24.5	2.5
100	256QAM	1	1	21.08	21.20	21.10	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.60	25.74	25.58	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.68	25.69	25.64	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.62	25.70	25.57	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.62	25.77	25.62	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.66	25.67	25.60	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.68	25.78	25.63	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.64	25.70	25.68	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.62	25.74	25.67	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.72	25.78	25.59	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.64	25.68	25.63	27.0	0.0

Part27O n78 Ant11 Default

BW [MHz]	Modulation	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		22.66		24.0	0.0
100	PI/2 BPSK	1	137		22.52			
100	PI/2 BPSK	1	271		22.54			
100	PI/2 BPSK	135	0		22.51		24.0	0.0
100	PI/2 BPSK	135	69		22.46		24.0	0.0
100	PI/2 BPSK	135	138		22.48		24.0	0.0
100	PI/2 BPSK	270	0		22.46			
100	QPSK	1	1		22.76		24.0	0.0
100	QPSK	1	137		22.69			
100	QPSK	1	271		22.69			
100	QPSK	135	0		22.46		24.0	0.0
100	QPSK	135	69		22.56		24.0	0.0
100	QPSK	135	138		22.42		24.0	0.0
100	QPSK	270	0		22.47			
100	16QAM	1	1		22.11		24.0	0.0
100	64QAM	1	1		22.05		24.0	0.0
100	256QAM	1	1		21.12		22.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.66	22.67	22.69	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	22.71	22.65	22.70	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.73	22.63	22.74	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	22.71	22.65	22.65	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	22.70	22.73	22.65	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.63	22.62	22.64	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	22.64	22.69	22.74	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	22.73	22.70	22.65	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	22.68	22.71	22.63	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.68	22.70	22.69	24.0	0.0

Part27O n78 PC2 Ant11 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.65		27.0	0.0
100	PI/2 BPSK	1	137		25.51			
100	PI/2 BPSK	1	271		25.55			
100	PI/2 BPSK	135	0		25.01		26.5	0.5
100	PI/2 BPSK	135	69		25.49		27.0	0.0
100	PI/2 BPSK	135	138		24.95		26.5	0.5
100	PI/2 BPSK	270	0		24.98			
100	QPSK	1	1		25.76		27.0	0.0
100	QPSK	1	137		25.69			
100	QPSK	1	271		25.65			
100	QPSK	135	0		24.55		26.0	1.0
100	QPSK	135	69		25.55		27.0	0.0
100	QPSK	135	138		24.42		26.0	1.0
100	QPSK	270	0		24.52			
100	16QAM	1	1		24.78		26.0	1.0
100	64QAM	1	1		23.25		24.5	2.5
100	256QAM	1	1		21.22		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.69	25.73	25.68	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.03		
80	QPSK	1	1	25.65	25.68	25.72	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.70	25.67	25.66	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.65	25.65	25.70	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.62	25.71	25.70	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.70	25.69	25.73	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.63	25.70	25.64	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.67	25.71	25.64	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.73	25.65	25.71	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.73	25.73	25.71	27.0	0.0

Full&Default Power Mode Other PA

n5 Ant4 Other PA Default Sig Path 955

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		20.79		22.0	0.0
25	PI/2 BPSK	1	67		20.74			
25	PI/2 BPSK	1	131		20.74			
25	PI/2 BPSK	64	0		20.31		21.5	0.5
25	PI/2 BPSK	64	35		20.66		22.0	0.0
25	PI/2 BPSK	64	69		20.38		21.5	0.5
25	PI/2 BPSK	128	0		20.36			
25	QPSK	1	1		21.05		22.0	0.0
25	QPSK	1	67		20.87			
25	QPSK	1	131		20.93			
25	QPSK	64	0		19.76		21.0	1.0
25	QPSK	64	35		20.60		22.0	0.0
25	QPSK	64	69		19.68		21.0	1.0
25	QPSK	128	0		19.69			
25	16QAM	1	1		19.90		21.0	1.0
25	64QAM	1	1		18.36		19.5	2.5
25	256QAM	1	1		16.24		17.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	20.87	20.80	20.81	0.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.84	20.73	20.83	22.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.86	20.76	20.75	22.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.79	20.81	20.78	22.0	0.0

n5 Ant4 Other PA Default Sig Path 957

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		20.76		22.0	0.0
25	PI/2 BPSK	1	67		20.68			
25	PI/2 BPSK	1	131		20.68			
25	PI/2 BPSK	64	0		20.36		22.0	0.0
25	PI/2 BPSK	64	35		20.69		22.0	0.0
25	PI/2 BPSK	64	69		20.32		22.0	0.0
25	PI/2 BPSK	128	0		20.37			
25	QPSK	1	1		21.06		22.0	0.0
25	QPSK	1	67		20.94			
25	QPSK	1	131		20.88			
25	QPSK	64	0		19.84		22.0	0.0
25	QPSK	64	35		20.68		22.0	0.0
25	QPSK	64	69		19.72		22.0	0.0
25	QPSK	128	0		19.68			
25	16QAM	1	1		19.96		22.0	0.0
25	64QAM	1	1		18.38		22.0	0.0
25	256QAM	1	1		16.27		22.0	0.0
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	20.87	20.77	20.80	0.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.80	20.76	20.81	22.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.80	20.75	20.77	22.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.85	20.77	20.76	22.0	0.0

Reduced Power Mode for DSI2

n5 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		23.14		24.0	0.0
25	PI/2 BPSK	1	67		22.93			
25	PI/2 BPSK	1	131		23.20			
25	PI/2 BPSK	64	0		22.44		23.5	0.5
25	PI/2 BPSK	64	35		22.87		24.0	0.0
25	PI/2 BPSK	64	69		22.45		23.5	0.5
25	PI/2 BPSK	128	0		22.46			
25	QPSK	1	1		23.24		24.0	0.0
25	QPSK	1	67		22.93			
25	QPSK	1	131		23.17			
25	QPSK	64	0		21.99		23.0	1.0
25	QPSK	64	35		22.98		24.0	0.0
25	QPSK	64	69		22.05		23.0	1.0
25	QPSK	128	0		22.00			
25	16QAM	1	1		22.42		23.0	1.0
25	64QAM	1	1		20.88		21.5	2.5
25	256QAM	1	1		18.87		19.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.18	23.13	23.17	0.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.12	23.11	23.15	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.15	23.15	23.19	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	23.13	23.20	23.13	24.0	0.0

n26 Ant0 Default

BW [MHz]	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	22.44	22.50	22.34	24.0	0.0
20	PI/2 BPSK	1	53	22.54	22.53	22.46		
20	PI/2 BPSK	1	104	22.46	22.54	22.45		
20	PI/2 BPSK	50	0	21.90	22.05	21.94	23.5	0.5
20	PI/2 BPSK	50	28	22.49	22.54	22.43	24.0	0.0
20	PI/2 BPSK	50	56	22.03	22.10	21.94	23.5	0.5
20	PI/2 BPSK	100	0	21.97	22.09	21.97		
20	QPSK	1	1	22.72	22.91	22.53	24.0	0.0
20	QPSK	1	53	22.49	22.55	22.49		
20	QPSK	1	104	22.47	22.53	22.40		
20	QPSK	50	0	21.30	21.52	21.36	23.0	1.0
20	QPSK	50	28	22.48	22.53	22.37	24.0	0.0
20	QPSK	50	56	21.45	21.53	21.55	23.0	1.0
20	QPSK	100	0	21.49	21.54	21.48		
20	16QAM	1	1	21.47	21.60	21.49	23.0	1.0
20	64QAM	1	1	20.02	20.10	19.95	21.5	2.5
20	256QAM	1	1	18.24	18.22	18.13	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.63	22.86	22.50	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.63	22.78	22.40	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	22.68	22.80	22.48	24.0	0.0

n71 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				135600	136100	136600		
Frequency (MHz)				678	680.5	683		
30	PI/2 BPSK	1	1	23.08	23.13	23.10	24.0	0.0
30	PI/2 BPSK	1	80	22.77	22.83	22.79		
30	PI/2 BPSK	1	158	22.81	22.87	22.86		
30	PI/2 BPSK	80	0	22.37	22.45	22.44	23.5	0.5
30	PI/2 BPSK	80	40	22.86	22.94	22.86	24.0	0.0
30	PI/2 BPSK	80	80	22.83	22.88	22.73	23.5	0.5
30	PI/2 BPSK	160	0	22.33	22.47	22.33		
30	QPSK	1	1	23.14	23.22	23.14	24.0	0.0
30	QPSK	1	80	22.84	22.92	22.77		
30	QPSK	1	158	22.87	22.91	22.85		
30	QPSK	80	0	21.89	21.95	21.95	23.0	1.0
30	QPSK	80	40	22.84	22.90	22.85	24.0	0.0
30	QPSK	80	80	21.89	21.85	21.82	23.0	1.0
30	QPSK	160	0	21.88	21.95	21.82		
30	16QAM	1	1	22.21	22.34	22.17	23.0	1.0
30	64QAM	1	1	20.73	20.86	20.83	21.5	2.5
30	256QAM	1	1	18.79	18.84	18.70	19.5	4.5
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	23.02	23.17	23.06	24.0	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	23.09	23.15	23.09	24.0	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.03	23.13	23.07	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.04	23.12	23.07	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.01	23.18	23.02	24.0	0.0

n7 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.08	23.21	23.13	24.0	0.0
40	PI/2 BPSK	1	108	23.07	23.19	23.16		
40	PI/2 BPSK	1	214	23.20	23.23	23.14		
40	PI/2 BPSK	108	0	22.58	22.67	22.58	23.5	0.5
40	PI/2 BPSK	108	54	23.04	23.10	23.01	24.0	0.0
40	PI/2 BPSK	108	108	22.57	22.63	22.61	23.5	0.5
40	PI/2 BPSK	216	0	22.60	22.67	22.65		
40	QPSK	1	1	23.19	23.24	23.20	24.0	0.0
40	QPSK	1	108	23.11	23.21	23.07		
40	QPSK	1	214	23.06	23.19	23.11		
40	QPSK	108	0	22.04	22.14	22.00	23.0	1.0
40	QPSK	108	54	23.06	23.16	23.05	24.0	0.0
40	QPSK	108	108	22.06	22.19	22.17	23.0	1.0
40	QPSK	216	0	22.11	22.17	22.09		
40	16QAM	1	1	22.24	22.35	22.25	23.0	1.0
40	64QAM	1	1	20.72	20.84	20.81	21.5	2.5
40	256QAM	1	1	18.75	18.87	18.84	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.08	23.21	23.11	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	23.10	23.16	23.07	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	23.09	23.17	23.12	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	23.15	23.20	23.10	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.15	23.12	23.17	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	23.12	23.14	23.07	24.0	0.0

n38 Ant1 Default

BW [MHz]	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	23.10	23.18	23.03	24.0	0.0
40	PI/2 BPSK	1	53	23.10	23.21	23.15		
40	PI/2 BPSK	1	104	23.17	23.21	23.12		
40	PI/2 BPSK	50	0	22.73	22.71	22.61	23.5	0.5
40	PI/2 BPSK	50	28	23.00	23.15	23.12	24.0	0.0
40	PI/2 BPSK	50	56	22.54	22.69	22.71	23.5	0.5
40	PI/2 BPSK	100	0	22.61	22.68	22.52		
40	QPSK	1	1	23.15	23.22	23.19	24.0	0.0
40	QPSK	1	53	23.04	23.18	23.05		
40	QPSK	1	104	23.01	23.17	23.07		
40	QPSK	50	0	21.93	22.15	22.08	23.0	1.0
40	QPSK	50	28	23.14	23.16	23.04	24.0	0.0
40	QPSK	50	56	22.12	22.22	22.03	23.0	1.0
40	QPSK	100	0	22.13	22.21	22.00		
40	16QAM	1	1	22.21	22.39	22.36	23.0	1.0
40	64QAM	1	1	20.91	20.91	20.82	21.5	2.5
40	256QAM	1	1	18.85	18.89	18.72	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.09	23.18	23.11	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.12	23.19	23.08	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	23.03	23.09	23.05	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	23.10	23.16	23.11	24.0	0.0

n41 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.00	23.18	23.16	24.0	0.0
100	PI/2 BPSK	1	137	22.95	23.08	23.09		
100	PI/2 BPSK	1	271	23.10	23.14	22.93		
100	PI/2 BPSK	135	0	22.46	22.55	22.36	23.5	0.5
100	PI/2 BPSK	135	69	22.88	23.03	22.96	24.0	0.0
100	PI/2 BPSK	135	138	22.45	22.54	22.45	23.5	0.5
100	PI/2 BPSK	270	0	22.51	22.57	22.38		
100	QPSK	1	1	23.14	23.25	23.12	24.0	0.0
100	QPSK	1	137	23.06	23.07	23.04		
100	QPSK	1	271	23.05	23.13	23.00		
100	QPSK	135	0	21.97	21.99	21.79	23.0	1.0
100	QPSK	135	69	23.07	23.16	23.03	24.0	0.0
100	QPSK	135	138	22.02	22.01	21.93	23.0	1.0
100	QPSK	270	0	21.98	22.10	21.98		
100	16QAM	1	1	22.09	22.21	22.11	23.0	1.0
100	64QAM	1	1	20.66	20.64	20.59	21.5	2.5
100	256QAM	1	1	18.67	18.69	18.59	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.06	23.19	23.02	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.03	23.20	22.98	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	23.01	23.15	23.07	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	23.06	23.18	23.07	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.07	23.18	23.00	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.02	23.21	23.04	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	23.06	23.21	23.02	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	23.11	23.12	23.02	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.05	23.15	23.00	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.04	23.15	23.03	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.65	15.80	15.77	17.2	0.0
100	PI/2 BPSK	1	137	15.61	15.62	15.67		
100	PI/2 BPSK	1	271	15.68	15.76	15.69		
100	PI/2 BPSK	135	0	15.66	15.76	15.75	17.2	0.0
100	PI/2 BPSK	135	69	15.73	15.57	15.65	17.2	0.0
100	PI/2 BPSK	135	138	15.67	15.79	15.74	17.2	0.0
100	PI/2 BPSK	270	0	15.80	15.82	15.69		
100	QPSK	1	1	15.81	15.93	15.87	17.2	0.0
100	QPSK	1	137	15.72	15.71	15.70		
100	QPSK	1	271	15.77	15.86	15.83		
100	QPSK	135	0	15.82	15.72	15.84	17.2	0.0
100	QPSK	135	69	15.84	15.92	15.86	17.2	0.0
100	QPSK	135	138	15.74	15.73	15.76	17.2	0.0
100	QPSK	270	0	15.69	15.86	15.83		
100	16QAM	1	1	15.72	15.67	15.70	17.2	0.0
100	64QAM	1	1	15.61	15.68	15.68	17.2	0.0
100	256QAM	1	1	15.71	15.79	15.85	17.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.71	15.85	15.71	17.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.60	15.79	15.65	17.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.65	15.83	15.72	17.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.69	15.83	15.72	17.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.73	15.91	15.85	17.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.78	15.80	15.73	17.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.75	15.81	15.77	17.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.71	15.80	15.82	17.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.77	15.85	15.68	17.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.81	15.88	15.75	17.2	0.0

Part27O n77 PC2 Ant2 DSI 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.80	18.93	18.82	20.2	0.0
100	PI/2 BPSK	1	137	18.83	18.78	18.87		
100	PI/2 BPSK	1	271	18.72	18.83	18.75		
100	PI/2 BPSK	135	0	18.67	18.86	18.90	20.2	0.0
100	PI/2 BPSK	135	69	18.60	18.91	18.80	20.2	0.0
100	PI/2 BPSK	135	138	18.68	18.80	18.71	20.2	0.0
100	PI/2 BPSK	270	0	18.67	18.77	18.87		
100	QPSK	1	1	18.81	19.03	18.93	20.2	0.0
100	QPSK	1	137	18.75	18.83	18.90		
100	QPSK	1	271	18.76	18.88	18.75		
100	QPSK	135	0	18.78	18.94	18.78	20.2	0.0
100	QPSK	135	69	18.81	18.99	18.79	20.2	0.0
100	QPSK	135	138	18.64	18.83	18.85	20.2	0.0
100	QPSK	270	0	18.59	18.82	18.81		
100	16QAM	1	1	18.82	18.82	18.78	20.2	0.0
100	64QAM	1	1	18.77	18.98	18.80	20.2	0.0
100	256QAM	1	1	18.74	18.84	18.74	20.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.76	18.85	18.65	20.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.66	18.75	18.61	20.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.71	18.82	18.73	20.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.79	18.88	18.81	20.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.77	18.93	18.63	20.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.77	18.73	18.69	20.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.64	18.87	18.77	20.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.81	18.83	18.67	20.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.78	18.95	18.68	20.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.66	18.94	18.81	20.2	0.0

Part27O n78 Ant2 DSI 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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.61		17.2	0.0
100	PI/2 BPSK	1	137		15.45			
100	PI/2 BPSK	1	271		15.67			
100	PI/2 BPSK	135	0		15.75		17.2	0.0
100	PI/2 BPSK	135	69		15.46		17.2	0.0
100	PI/2 BPSK	135	138		15.76		17.2	0.0
100	PI/2 BPSK	270	0		15.60			
100	QPSK	1	1		15.90		17.2	0.0
100	QPSK	1	137		15.70			
100	QPSK	1	271		15.73			
100	QPSK	135	0		15.73		17.2	0.0
100	QPSK	135	69		15.80		17.2	0.0
100	QPSK	135	138		15.68		17.2	0.0
100	QPSK	270	0		15.74			
100	16QAM	1	1		15.46		17.2	0.0
100	64QAM	1	1		15.63		17.2	0.0
100	256QAM	1	1		15.76		17.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.82	15.86	15.74	17.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.77	15.74	15.70	17.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.74	15.85	15.82	17.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.69	15.86	15.86	17.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.62	15.70	15.73	17.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.67	15.78	15.78	17.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.81	15.80	15.71	17.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.80	15.74	15.87	17.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.76	15.72	15.75	17.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.69	15.85	15.68	17.2	0.0

Part27O n78 PC2 Ant2 DSI 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.75		20.2	0.0
100	PI/2 BPSK	1	137		18.71			
100	PI/2 BPSK	1	271		18.81			
100	PI/2 BPSK	135	0		18.67		20.2	0.0
100	PI/2 BPSK	135	69		18.85		20.2	0.0
100	PI/2 BPSK	135	138		18.78		20.2	0.0
100	PI/2 BPSK	270	0		18.69			
100	QPSK	1	1		18.95		20.2	0.0
100	QPSK	1	137		18.77			
100	QPSK	1	271		18.90			
100	QPSK	135	0		18.77		20.2	0.0
100	QPSK	135	69		18.80		20.2	0.0
100	QPSK	135	138		18.66		20.2	0.0
100	QPSK	270	0		18.65			
100	16QAM	1	1		18.79		20.2	0.0
100	64QAM	1	1		18.77		20.2	0.0
100	256QAM	1	1		18.71		20.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.73	18.78	18.79	20.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.68	18.87	18.93	20.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.63	18.94	18.83	20.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.83	18.89	18.74	20.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.72	18.80	18.83	20.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.72	18.89	18.75	20.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.76	18.83	18.88	20.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.72	18.78	18.82	20.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.81	18.80	18.74	20.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.66	18.85	18.77	20.2	0.0

n5 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		22.24		24.0	0.0
25	PI/2 BPSK	1	67		22.22			
25	PI/2 BPSK	1	131		22.21			
25	PI/2 BPSK	64	0		21.81		23.5	0.5
25	PI/2 BPSK	64	35		22.15		24.0	0.0
25	PI/2 BPSK	64	69		21.86		23.5	0.5
25	PI/2 BPSK	128	0		21.90			
25	QPSK	1	1		22.46		24.0	0.0
25	QPSK	1	67		22.40			
25	QPSK	1	131		22.41			
25	QPSK	64	0		21.30		23.0	1.0
25	QPSK	64	35		22.15		24.0	0.0
25	QPSK	64	69		21.21		23.0	1.0
25	QPSK	128	0		21.16			
25	16QAM	1	1		21.44		23.0	1.0
25	64QAM	1	1		19.83		21.5	2.5
25	256QAM	1	1		17.75		19.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.34	22.27	22.30	0.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.28	22.30	22.29	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.31	22.28	22.30	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	22.36	22.27	22.26	24.0	0.0

n7 For ENDC Ant4 DSI 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	17.46	17.65	17.44	18.8	0.0
40	PI/2 BPSK	1	108	17.68	17.66	17.71		
40	PI/2 BPSK	1	214	17.71	17.61	17.50		
40	PI/2 BPSK	108	0	17.29	17.67	17.33	18.8	0.0
40	PI/2 BPSK	108	54	17.64	17.64	17.62	18.8	0.0
40	PI/2 BPSK	108	108	17.73	17.55	17.31	18.8	0.0
40	PI/2 BPSK	216	0	17.25	17.74	17.34		
40	QPSK	1	1	17.48	17.75	17.62	18.8	0.0
40	QPSK	1	108	17.72	17.53	17.51		
40	QPSK	1	214	17.43	17.54	17.26		
40	QPSK	108	0	17.48	17.57	17.62	18.8	0.0
40	QPSK	108	54	17.53	17.69	17.52	18.8	0.0
40	QPSK	108	108	17.25	17.59	17.34	18.8	0.0
40	QPSK	216	0	17.55	17.57	17.53		
40	16QAM	1	1	17.54	17.59	17.50	18.8	0.0
40	64QAM	1	1	17.57	17.49	17.51	18.8	0.0
40	256QAM	1	1	17.52	17.60	17.49	18.8	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.38	17.60	17.57	18.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.45	17.73	17.57	18.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.43	17.58	17.42	18.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.30	17.54	17.46	18.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.47	17.64	17.54	18.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.35	17.61	17.45	18.8	0.0

n26 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.36	21.50	21.45	23.0	0.0
20	PI/2 BPSK	1	53	21.28	21.42	21.31		
20	PI/2 BPSK	1	104	21.32	21.35	21.25		
20	PI/2 BPSK	50	0	20.83	20.87	20.77	22.5	0.5
20	PI/2 BPSK	50	28	21.16	21.29	21.22	23.0	0.0
20	PI/2 BPSK	50	56	20.89	20.95	20.84	22.5	0.5
20	PI/2 BPSK	100	0	20.87	20.93	20.79		
20	QPSK	1	1	21.55	21.59	21.49	23.0	0.0
20	QPSK	1	53	21.50	21.52	21.42		
20	QPSK	1	104	21.31	21.43	21.39		
20	QPSK	50	0	20.31	20.40	20.32	22.0	1.0
20	QPSK	50	28	21.26	21.34	21.32	23.0	0.0
20	QPSK	50	56	20.37	20.48	20.42	22.0	1.0
20	QPSK	100	0	20.41	20.46	20.42		
20	16QAM	1	1	20.51	20.62	20.51	22.0	1.0
20	64QAM	1	1	18.99	19.08	19.05	20.5	2.5
20	256QAM	1	1	17.22	17.25	17.16	18.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.51	21.56	21.44	23.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.53	21.51	21.40	23.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.46	21.53	21.35	23.0	0.0

n71 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				135600	136100	136600		
Frequency (MHz)				678	680.5	683		
30	PI/2 BPSK	1	1	22.94	23.01	22.96	24.0	0.0
30	PI/2 BPSK	1	80	22.72	22.93	22.80		
30	PI/2 BPSK	1	158	22.75	22.92	22.77		
30	PI/2 BPSK	80	0	22.35	22.41	22.29	23.5	0.5
30	PI/2 BPSK	80	40	22.80	22.85	22.77	24.0	0.0
30	PI/2 BPSK	80	80	22.76	22.80	22.71	23.5	0.5
30	PI/2 BPSK	160	0	22.36	22.31	22.37		
30	QPSK	1	1	22.95	23.09	23.04	24.0	0.0
30	QPSK	1	80	22.87	23.00	22.88		
30	QPSK	1	158	22.92	22.95	22.92		
30	QPSK	80	0	21.80	21.93	21.91	23.0	1.0
30	QPSK	80	40	22.80	22.88	22.74	24.0	0.0
30	QPSK	80	80	21.72	21.77	21.67	23.0	1.0
30	QPSK	160	0	21.84	21.86	21.81		
30	16QAM	1	1	22.20	22.32	22.17	23.0	1.0
30	64QAM	1	1	20.58	20.70	20.69	21.5	2.5
30	256QAM	1	1	18.76	18.91	18.87	19.5	4.5
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	22.80	22.96	22.88	24.0	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	22.80	23.02	22.97	24.0	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.88	22.96	22.99	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.85	23.00	22.99	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.87	22.94	22.98	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	16.23	16.24	16.27	16.9	0.0
100	PI/2 BPSK	1	137	16.22	16.25	16.21		
100	PI/2 BPSK	1	271	16.14	16.26	16.17		
100	PI/2 BPSK	135	0	16.11	16.20	16.23	16.9	0.0
100	PI/2 BPSK	135	69	16.13	16.12	16.05	16.9	0.0
100	PI/2 BPSK	135	138	15.95	16.11	16.03	16.9	0.0
100	PI/2 BPSK	270	0	16.09	16.12	16.01		
100	QPSK	1	1	16.23	16.34	16.30	16.9	0.0
100	QPSK	1	137	16.16	16.29	16.13		
100	QPSK	1	271	16.25	16.31	16.23		
100	QPSK	135	0	16.18	16.14	16.05	16.9	0.0
100	QPSK	135	69	16.03	16.19	16.11	16.9	0.0
100	QPSK	135	138	16.07	16.04	16.03	16.9	0.0
100	QPSK	270	0	16.14	16.15	16.07		
100	16QAM	1	1	15.97	16.08	16.10	16.9	0.0
100	64QAM	1	1	15.34	15.40	15.30	16.9	0.0
100	256QAM	1	1	15.93	15.98	15.90	16.9	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.13	16.23	16.19	16.9	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.18	16.28	16.19	16.9	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.10	16.24	16.26	16.9	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.14	16.27	16.26	16.9	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.11	16.28	16.21	16.9	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.20	16.30	16.23	16.9	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.13	16.23	16.26	16.9	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.10	16.25	16.19	16.9	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.13	16.25	16.21	16.9	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.14	16.22	16.19	16.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.21	19.22	19.29	19.9	0.0
100	PI/2 BPSK	1	137	19.19	19.24	19.17		
100	PI/2 BPSK	1	271	19.13	19.27	19.13		
100	PI/2 BPSK	135	0	19.14	19.24	19.22	19.9	0.0
100	PI/2 BPSK	135	69	19.14	19.16	19.08	19.9	0.0
100	PI/2 BPSK	135	138	18.94	19.12	18.99	19.9	0.0
100	PI/2 BPSK	270	0	19.09	19.09	19.02		
100	QPSK	1	1	19.27	19.34	19.33	19.9	0.0
100	QPSK	1	137	19.14	19.30	19.12		
100	QPSK	1	271	19.29	19.28	19.18		
100	QPSK	135	0	19.12	19.12	19.07	19.9	0.0
100	QPSK	135	69	19.08	19.16	19.07	19.9	0.0
100	QPSK	135	138	19.04	19.08	19.02	19.9	0.0
100	QPSK	270	0	19.10	19.14	19.11		
100	16QAM	1	1	19.00	19.06	19.14	19.9	0.0
100	64QAM	1	1	18.72	18.89	18.84	19.5	0.4
100	256QAM	1	1	16.95	17.13	17.13	17.5	2.4
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.21	19.24	19.29	19.9	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	19.25	19.21	19.9	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.20	19.25	19.25	19.9	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.18	19.29	19.22	19.9	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.24	19.26	19.23	19.9	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.15	19.24	19.28	19.9	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.22	19.30	19.27	19.9	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.20	19.27	19.28	19.9	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.17	19.28	19.29	19.9	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.23	19.23	19.28	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.19		16.9	0.0
100	PI/2 BPSK	1	137		16.15			
100	PI/2 BPSK	1	271		16.15			
100	PI/2 BPSK	135	0		16.10		16.9	0.0
100	PI/2 BPSK	135	69		16.04		16.9	0.0
100	PI/2 BPSK	135	138		16.04		16.9	0.0
100	PI/2 BPSK	270	0		16.04			
100	QPSK	1	1		16.30		16.9	0.0
100	QPSK	1	137		16.21			
100	QPSK	1	271		16.26			
100	QPSK	135	0		16.05		16.9	0.0
100	QPSK	135	69		16.11		16.9	0.0
100	QPSK	135	138		15.93		16.9	0.0
100	QPSK	270	0		16.06			
100	16QAM	1	1		16.02		16.9	0.0
100	64QAM	1	1		16.01		16.9	0.0
100	256QAM	1	1		15.85		16.9	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.01	16.18	16.10	16.9	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.08	16.19	16.12	16.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.04	16.19	16.15	16.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.03	16.15	16.13	16.9	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.06	16.15	16.12	16.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.03	16.15	16.13	16.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.03	16.12	16.16	16.9	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.05	16.18	16.11	16.9	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.03	16.13	16.11	16.9	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.07	16.17	16.07	16.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.13		19.9	0.0
100	PI/2 BPSK	1	137		19.18			
100	PI/2 BPSK	1	271		19.16			
100	PI/2 BPSK	135	0		19.20		19.9	0.0
100	PI/2 BPSK	135	69		19.10		19.9	0.0
100	PI/2 BPSK	135	138		19.00		19.9	0.0
100	PI/2 BPSK	270	0		19.00			
100	QPSK	1	1		19.29		19.9	0.0
100	QPSK	1	137		19.21			
100	QPSK	1	271		19.25			
100	QPSK	135	0		19.04		19.9	0.0
100	QPSK	135	69		19.13		19.9	0.0
100	QPSK	135	138		18.99		19.9	0.0
100	QPSK	270	0		19.12			
100	16QAM	1	1		18.99		19.9	0.0
100	64QAM	1	1		18.76		19.5	0.4
100	256QAM	1	1		16.66		17.5	2.4
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.18	19.16	19.25	19.9	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.09	19.20	19.23	19.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.16	19.14	19.19	19.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.09	19.13	19.19	19.9	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.08	19.18	19.21	19.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.12	19.18	19.18	19.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.14	19.20	19.25	19.9	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.16	19.15	19.25	19.9	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.16	19.20	19.18	19.9	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.14	19.20	19.16	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.85	16.93	17.00	18.3	0.0
100	PI/2 BPSK	1	137	17.03	17.05	17.07		
100	PI/2 BPSK	1	271	16.85	16.98	16.99		
100	PI/2 BPSK	135	0	16.92	16.91	17.07	18.3	0.0
100	PI/2 BPSK	135	69	16.93	16.90	16.97	18.3	0.0
100	PI/2 BPSK	135	138	16.82	16.87	17.01	18.3	0.0
100	PI/2 BPSK	270	0	17.00	17.01	17.03		
100	QPSK	1	1	17.03	17.11	17.07	18.3	0.0
100	QPSK	1	137	16.89	17.03	16.87		
100	QPSK	1	271	17.03	16.99	16.87		
100	QPSK	135	0	17.00	17.00	17.02	18.3	0.0
100	QPSK	135	69	16.97	17.09	17.01	18.3	0.0
100	QPSK	135	138	16.82	16.98	17.02	18.3	0.0
100	QPSK	270	0	16.92	17.03	16.92		
100	16QAM	1	1	16.88	16.92	16.90	18.3	0.0
100	64QAM	1	1	16.89	16.93	17.03	18.3	0.0
100	256QAM	1	1	16.93	17.03	16.89	18.3	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.04	16.89	17.02	18.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.99	17.06	17.08	18.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.00	17.08	16.89	18.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.86	16.87	16.87	18.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.96	16.93	16.98	18.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.97	17.03	16.86	18.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.86	16.98	17.03	18.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.89	17.08	16.97	18.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.84	17.00	16.91	18.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.98	16.90	16.89	18.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.97	20.11	19.96	21.3	0.0
100	PI/2 BPSK	1	137	20.00	20.05	20.12		
100	PI/2 BPSK	1	271	20.10	20.00	20.16		
100	PI/2 BPSK	135	0	20.02	20.07	20.13	21.3	0.0
100	PI/2 BPSK	135	69	20.12	19.98	19.97	21.3	0.0
100	PI/2 BPSK	135	138	20.08	20.05	20.05	21.3	0.0
100	PI/2 BPSK	270	0	20.10	19.97	20.02		
100	QPSK	1	1	20.11	20.22	20.15	21.3	0.0
100	QPSK	1	137	19.94	20.02	20.12		
100	QPSK	1	271	20.04	20.16	19.99		
100	QPSK	135	0	19.98	20.12	19.99	21.3	0.0
100	QPSK	135	69	19.95	20.19	20.11	21.3	0.0
100	QPSK	135	138	20.12	20.15	19.94	21.3	0.0
100	QPSK	270	0	20.07	20.11	20.09		
100	16QAM	1	1	20.00	20.11	20.14	21.3	0.0
100	64QAM	1	1	19.46	19.57	19.48	20.5	0.8
100	256QAM	1	1	18.04	18.11	18.03	18.5	2.8
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.80	19.93	19.82	21.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.98	20.04	19.97	21.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.87	20.10	19.87	21.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.81	20.07	19.78	21.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.90	19.92	19.75	21.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.94	19.98	19.82	21.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.80	20.02	19.83	21.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.80	20.03	19.86	21.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.96	20.12	19.91	21.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.83	20.10	19.98	21.3	0.0

Part27O n78 Ant7 DSI 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.93		18.3	0.0
100	PI/2 BPSK	1	137		16.90			
100	PI/2 BPSK	1	271		16.77			
100	PI/2 BPSK	135	0		16.82		18.3	0.0
100	PI/2 BPSK	135	69		16.89		18.3	0.0
100	PI/2 BPSK	135	138		16.76		18.3	0.0
100	PI/2 BPSK	270	0		16.92			
100	QPSK	1	1		17.07		18.3	0.0
100	QPSK	1	137		17.03			
100	QPSK	1	271		16.86			
100	QPSK	135	0		16.84		18.3	0.0
100	QPSK	135	69		16.89		18.3	0.0
100	QPSK	135	138		16.81		18.3	0.0
100	QPSK	270	0		16.99			
100	16QAM	1	1		16.75		18.3	0.0
100	64QAM	1	1		16.92		18.3	0.0
100	256QAM	1	1		17.01		18.3	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.81	16.91	16.99	18.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.71	16.89	16.92	18.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.83	16.85	16.98	18.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.68	16.87	16.99	18.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.85	16.81	16.94	18.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.79	16.89	16.89	18.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.66	16.81	16.84	18.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.78	16.88	16.97	18.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.63	16.92	16.87	18.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.74	16.73	16.92	18.3	0.0

Part27O n78 PC2 Ant7 DSI 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.94		21.3	0.0
100	PI/2 BPSK	1	137		20.06			
100	PI/2 BPSK	1	271		19.93			
100	PI/2 BPSK	135	0		20.04		21.3	0.0
100	PI/2 BPSK	135	69		19.83		21.3	0.0
100	PI/2 BPSK	135	138		19.96		21.3	0.0
100	PI/2 BPSK	270	0		19.90			
100	QPSK	1	1		20.12		21.3	0.0
100	QPSK	1	137		19.87			
100	QPSK	1	271		20.05			
100	QPSK	135	0		20.05		21.3	0.0
100	QPSK	135	69		20.07		21.3	0.0
100	QPSK	135	138		20.04		21.3	0.0
100	QPSK	270	0		19.93			
100	16QAM	1	1		19.96		21.3	0.0
100	64QAM	1	1		19.46		20.5	0.8
100	256QAM	1	1		18.07		18.5	2.8
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.96	19.85	19.96	21.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.00	19.82	19.84	21.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.93	19.82	19.91	21.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.04	19.97	19.83	21.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.12	19.84	19.76	21.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.94	19.82	19.92	21.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.96	19.77	19.79	21.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.12	19.81	19.78	21.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.95	19.99	19.98	21.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.96	19.79	19.82	21.3	0.0

Part27O n77 Ant11 Default

BW [MHz]	Modulation	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	22.53	22.60	22.57	24.0	0.0
100	PI/2 BPSK	1	137	22.78	22.81	22.67		
100	PI/2 BPSK	1	271	22.79	22.89	22.85		
100	PI/2 BPSK	135	0	22.54	22.59	22.48	24.0	0.0
100	PI/2 BPSK	135	69	22.59	22.72	22.61	24.0	0.0
100	PI/2 BPSK	135	138	22.60	22.70	22.59	24.0	0.0
100	PI/2 BPSK	270	0	22.70	22.74	22.69		
100	QPSK	1	1	22.79	22.91	22.79	24.0	0.0
100	QPSK	1	137	22.63	22.65	22.62		
100	QPSK	1	271	22.72	22.85	22.82		
100	QPSK	135	0	22.50	22.61	22.54	24.0	0.0
100	QPSK	135	69	22.66	22.77	22.70	24.0	0.0
100	QPSK	135	138	22.61	22.70	22.59	24.0	0.0
100	QPSK	270	0	22.63	22.72	22.69		
100	16QAM	1	1	22.68	22.73	22.67	24.0	0.0
100	64QAM	1	1	22.64	22.71	22.67	24.0	0.0
100	256QAM	1	1	21.10	21.14	21.08	22.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.74	22.78	22.76	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	22.75	22.87	22.70	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.70	22.80	22.71	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	22.77	22.86	22.73	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	22.67	22.78	22.69	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	22.81	22.68	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	22.71	22.80	22.68	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	22.79	22.69	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	22.75	22.82	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	22.67	22.86	22.74	24.0	0.0

Part27O n77 PC2 Ant11 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.59	25.65	25.54	27.0	0.0
100	PI/2 BPSK	1	137	25.69	25.75	25.67		
100	PI/2 BPSK	1	271	25.72	25.78	25.65		
100	PI/2 BPSK	135	0	25.03	25.13	25.10	26.5	0.5
100	PI/2 BPSK	135	69	25.54	25.63	25.58	27.0	0.0
100	PI/2 BPSK	135	138	25.07	25.18	25.07	26.5	0.5
100	PI/2 BPSK	270	0	25.00	25.09	25.01		
100	QPSK	1	1	25.74	25.81	25.70	27.0	0.0
100	QPSK	1	137	25.66	25.78	25.74		
100	QPSK	1	271	25.73	25.79	25.75		
100	QPSK	135	0	24.47	24.59	24.49	26.0	1.0
100	QPSK	135	69	25.51	25.62	25.49	27.0	0.0
100	QPSK	135	138	24.66	24.71	24.68	26.0	1.0
100	QPSK	270	0	24.58	24.62	24.54		
100	16QAM	1	1	24.66	24.76	24.68	26.0	1.0
100	64QAM	1	1	23.19	23.22	23.14	24.5	2.5
100	256QAM	1	1	21.08	21.20	21.10	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.60	25.74	25.58	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.68	25.69	25.64	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.62	25.70	25.57	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.62	25.77	25.62	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.66	25.67	25.60	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.68	25.78	25.63	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.64	25.70	25.68	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.62	25.74	25.67	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.72	25.78	25.59	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.64	25.68	25.63	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.66		24.0	0.0
100	PI/2 BPSK	1	137		22.52			
100	PI/2 BPSK	1	271		22.54			
100	PI/2 BPSK	135	0		22.51		24.0	0.0
100	PI/2 BPSK	135	69		22.46		24.0	0.0
100	PI/2 BPSK	135	138		22.48		24.0	0.0
100	PI/2 BPSK	270	0		22.46			
100	QPSK	1	1		22.76		24.0	0.0
100	QPSK	1	137		22.69			
100	QPSK	1	271		22.69			
100	QPSK	135	0		22.46		24.0	0.0
100	QPSK	135	69		22.56		24.0	0.0
100	QPSK	135	138		22.42		24.0	0.0
100	QPSK	270	0		22.47			
100	16QAM	1	1		22.11		24.0	0.0
100	64QAM	1	1		22.05		24.0	0.0
100	256QAM	1	1		21.12		22.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.66	22.67	22.69	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	22.71	22.65	22.70	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.73	22.63	22.74	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	22.71	22.65	22.65	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	22.70	22.73	22.65	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.63	22.62	22.64	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	22.64	22.69	22.74	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	22.73	22.70	22.65	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	22.68	22.71	22.63	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.68	22.70	22.69	24.0	0.0

Part27O n78 PC2 Ant11 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.65		27.0	0.0
100	PI/2 BPSK	1	137		25.51			
100	PI/2 BPSK	1	271		25.55			
100	PI/2 BPSK	135	0		25.01		26.5	0.5
100	PI/2 BPSK	135	69		25.49		27.0	0.0
100	PI/2 BPSK	135	138		24.95		26.5	0.5
100	PI/2 BPSK	270	0		24.98			
100	QPSK	1	1		25.76		27.0	0.0
100	QPSK	1	137		25.69			
100	QPSK	1	271		25.65			
100	QPSK	135	0		24.55		26.0	1.0
100	QPSK	135	69		25.55		27.0	0.0
100	QPSK	135	138		24.42		26.0	1.0
100	QPSK	270	0		24.52			
100	16QAM	1	1		24.78		26.0	1.0
100	64QAM	1	1		23.25		24.5	2.5
100	256QAM	1	1		21.22		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.69	25.73	25.68	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.03		
80	QPSK	1	1	25.65	25.68	25.72	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.70	25.67	25.66	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.65	25.65	25.70	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.62	25.71	25.70	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.70	25.69	25.73	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.63	25.70	25.64	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.67	25.71	25.64	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.73	25.65	25.71	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.73	25.73	25.71	27.0	0.0

Reduced Power Mode for DSI3

n5 Ant0 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		23.14		24.0	0.0
25	PI/2 BPSK	1	67		22.93			
25	PI/2 BPSK	1	131		23.20			
25	PI/2 BPSK	64	0		22.44		23.5	0.5
25	PI/2 BPSK	64	35		22.87		24.0	0.0
25	PI/2 BPSK	64	69		22.45		23.5	0.5
25	PI/2 BPSK	128	0		22.46			
25	QPSK	1	1		23.24		24.0	0.0
25	QPSK	1	67		22.93			
25	QPSK	1	131		23.17			
25	QPSK	64	0		21.99		23.0	1.0
25	QPSK	64	35		22.98		24.0	0.0
25	QPSK	64	69		22.05		23.0	1.0
25	QPSK	128	0		22.00			
25	16QAM	1	1		22.42		23.0	1.0
25	64QAM	1	1		20.88		21.5	2.5
25	256QAM	1	1		18.87		19.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.18	23.13	23.17	0.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.12	23.11	23.15	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.15	23.15	23.19	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	23.13	23.20	23.13	24.0	0.0

n26 Ant0 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.44	22.50	22.34	24.0	0.0
20	PI/2 BPSK	1	53	22.54	22.53	22.46		
20	PI/2 BPSK	1	104	22.46	22.54	22.45		
20	PI/2 BPSK	50	0	21.90	22.05	21.94	23.5	0.5
20	PI/2 BPSK	50	28	22.49	22.54	22.43	24.0	0.0
20	PI/2 BPSK	50	56	22.03	22.10	21.94	23.5	0.5
20	PI/2 BPSK	100	0	21.97	22.09	21.97		
20	QPSK	1	1	22.72	22.91	22.53	24.0	0.0
20	QPSK	1	53	22.49	22.55	22.49		
20	QPSK	1	104	22.47	22.53	22.40		
20	QPSK	50	0	21.30	21.52	21.36	23.0	1.0
20	QPSK	50	28	22.48	22.53	22.37	24.0	0.0
20	QPSK	50	56	21.45	21.53	21.55	23.0	1.0
20	QPSK	100	0	21.49	21.54	21.48		
20	16QAM	1	1	21.47	21.60	21.49	23.0	1.0
20	64QAM	1	1	20.02	20.10	19.95	21.5	2.5
20	256QAM	1	1	18.24	18.22	18.13	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.63	22.86	22.50	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.63	22.78	22.40	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	22.68	22.80	22.48	24.0	0.0

n71 Ant0 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				135600	136100	136600		
Frequency (MHz)				678	680.5	683		
30	PI/2 BPSK	1	1	23.08	23.13	23.10	24.0	0.0
30	PI/2 BPSK	1	80	22.77	22.83	22.79		
30	PI/2 BPSK	1	158	22.81	22.87	22.86		
30	PI/2 BPSK	80	0	22.37	22.45	22.44	23.5	0.5
30	PI/2 BPSK	80	40	22.86	22.94	22.86	24.0	0.0
30	PI/2 BPSK	80	80	22.83	22.88	22.73	23.5	0.5
30	PI/2 BPSK	160	0	22.33	22.47	22.33		
30	QPSK	1	1	23.14	23.22	23.14	24.0	0.0
30	QPSK	1	80	22.84	22.92	22.77		
30	QPSK	1	158	22.87	22.91	22.85		
30	QPSK	80	0	21.89	21.95	21.95	23.0	1.0
30	QPSK	80	40	22.84	22.90	22.85	24.0	0.0
30	QPSK	80	80	21.89	21.85	21.82	23.0	1.0
30	QPSK	160	0	21.88	21.95	21.82		
30	16QAM	1	1	22.21	22.34	22.17	23.0	1.0
30	64QAM	1	1	20.73	20.86	20.83	21.5	2.5
30	256QAM	1	1	18.79	18.84	18.70	19.5	4.5
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	23.02	23.17	23.06	24.0	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	23.09	23.15	23.09	24.0	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.03	23.13	23.07	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.04	23.12	23.07	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.01	23.18	23.02	24.0	0.0

n7 Ant1 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.47	22.56	22.50	23.5	0.0
40	PI/2 BPSK	1	108	22.51	22.63	22.51		
40	PI/2 BPSK	1	214	22.42	22.62	22.53		
40	PI/2 BPSK	108	0	22.46	22.57	22.47	23.5	0.0
40	PI/2 BPSK	108	54	22.45	22.60	22.48	23.5	0.0
40	PI/2 BPSK	108	108	22.57	22.63	22.61	23.5	0.0
40	PI/2 BPSK	216	0	22.60	22.67	22.65		
40	QPSK	1	1	22.57	22.69	22.59	23.5	0.0
40	QPSK	1	108	22.51	22.64	22.49		
40	QPSK	1	214	22.42	22.62	22.54		
40	QPSK	108	0	22.04	22.14	22.00	23.0	0.5
40	QPSK	108	54	22.47	22.62	22.51	23.5	0.0
40	QPSK	108	108	22.06	22.19	22.17	23.0	0.5
40	QPSK	216	0	22.11	22.17	22.09		
40	16QAM	1	1	22.24	22.35	22.25	23.0	0.5
40	64QAM	1	1	20.72	20.84	20.81	21.5	2.0
40	256QAM	1	1	18.75	18.87	18.84	19.5	4.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.48	22.61	22.52	23.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.42	22.62	22.47	23.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.48	22.64	22.51	23.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.46	22.64	22.45	23.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.48	22.61	22.45	23.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.43	22.63	22.51	23.5	0.0

n38 Ant1 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.75	20.87	20.81	21.8	0.0
40	PI/2 BPSK	1	53	20.72	20.79	20.83		
40	PI/2 BPSK	1	104	20.67	20.84	20.83		
40	PI/2 BPSK	50	0	20.68	20.83	20.86	21.8	0.0
40	PI/2 BPSK	50	28	20.75	20.84	20.79	21.8	0.0
40	PI/2 BPSK	50	56	20.66	20.79	20.78	21.8	0.0
40	PI/2 BPSK	100	0	20.74	20.79	20.87		
40	QPSK	1	1	20.81	20.93	20.92	21.8	0.0
40	QPSK	1	53	20.72	20.86	20.78		
40	QPSK	1	104	20.74	20.89	20.75		
40	QPSK	50	0	20.66	20.80	20.81	21.8	0.0
40	QPSK	50	28	20.74	20.86	20.83	21.8	0.0
40	QPSK	50	56	20.72	20.84	20.84	21.8	0.0
40	QPSK	100	0	20.75	20.85	20.82		
40	16QAM	1	1	20.73	20.84	20.79	21.8	0.0
40	64QAM	1	1	20.76	20.87	20.80	21.5	0.3
40	256QAM	1	1	18.85	18.89	18.72	19.5	2.3
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.75	20.78	20.83	21.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.73	20.88	20.83	21.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.74	20.81	20.81	21.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.71	20.83	20.78	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.67	20.86	20.76	21.8	0.0
100	PI/2 BPSK	1	137	20.71	20.92	20.76		
100	PI/2 BPSK	1	271	20.68	20.84	20.75		
100	PI/2 BPSK	135	0	20.72	20.89	20.74	21.8	0.0
100	PI/2 BPSK	135	69	20.66	20.89	20.75	21.8	0.0
100	PI/2 BPSK	135	138	20.74	20.87	20.75	21.8	0.0
100	PI/2 BPSK	270	0	20.67	20.82	20.70		
100	QPSK	1	1	20.80	20.97	20.83	21.8	0.0
100	QPSK	1	137	20.75	20.82	20.79		
100	QPSK	1	271	20.75	20.80	20.66		
100	QPSK	135	0	20.71	20.88	20.70	21.8	0.0
100	QPSK	135	69	20.74	20.91	20.74	21.8	0.0
100	QPSK	135	138	20.68	20.86	20.70	21.8	0.0
100	QPSK	270	0	20.71	20.87	20.75		
100	16QAM	1	1	20.71	20.91	20.71	21.8	0.0
100	64QAM	1	1	20.66	20.64	20.59	21.5	0.3
100	256QAM	1	1	18.67	18.69	18.59	19.5	2.3
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.65	20.90	20.74	21.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.67	20.83	20.76	21.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.67	20.88	20.76	21.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.69	20.87	20.74	21.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.69	20.86	20.76	21.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.69	20.89	20.72	21.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.69	20.87	20.75	21.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.72	20.86	20.77	21.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.66	20.92	20.77	21.8	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.75	20.83	20.72	21.8	0.0

Part27O n77 Ant2 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.65	15.80	15.77	17.2	0.0
100	PI/2 BPSK	1	137	15.61	15.62	15.67		
100	PI/2 BPSK	1	271	15.68	15.76	15.69		
100	PI/2 BPSK	135	0	15.66	15.76	15.75	17.2	0.0
100	PI/2 BPSK	135	69	15.73	15.57	15.65	17.2	0.0
100	PI/2 BPSK	135	138	15.67	15.79	15.74	17.2	0.0
100	PI/2 BPSK	270	0	15.80	15.82	15.69		
100	QPSK	1	1	15.81	15.93	15.87	17.2	0.0
100	QPSK	1	137	15.72	15.71	15.70		
100	QPSK	1	271	15.77	15.86	15.83		
100	QPSK	135	0	15.82	15.72	15.84	17.2	0.0
100	QPSK	135	69	15.84	15.92	15.86	17.2	0.0
100	QPSK	135	138	15.74	15.73	15.76	17.2	0.0
100	QPSK	270	0	15.69	15.86	15.83		
100	16QAM	1	1	15.72	15.67	15.70	17.2	0.0
100	64QAM	1	1	15.61	15.68	15.68	17.2	0.0
100	256QAM	1	1	15.71	15.79	15.85	17.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.71	15.85	15.71	17.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.60	15.79	15.65	17.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.65	15.83	15.72	17.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.69	15.83	15.72	17.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.73	15.91	15.85	17.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.78	15.80	15.73	17.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.75	15.81	15.77	17.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.71	15.80	15.82	17.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.77	15.85	15.68	17.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.81	15.88	15.75	17.2	0.0

Part27O n77 PC2 Ant2 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.80	18.93	18.82	20.2	0.0
100	PI/2 BPSK	1	137	18.83	18.78	18.87		
100	PI/2 BPSK	1	271	18.72	18.83	18.75		
100	PI/2 BPSK	135	0	18.67	18.86	18.90	20.2	0.0
100	PI/2 BPSK	135	69	18.60	18.91	18.80	20.2	0.0
100	PI/2 BPSK	135	138	18.68	18.80	18.71	20.2	0.0
100	PI/2 BPSK	270	0	18.67	18.77	18.87		
100	QPSK	1	1	18.81	19.03	18.93	20.2	0.0
100	QPSK	1	137	18.75	18.83	18.90		
100	QPSK	1	271	18.76	18.88	18.75		
100	QPSK	135	0	18.78	18.94	18.78	20.2	0.0
100	QPSK	135	69	18.81	18.99	18.79	20.2	0.0
100	QPSK	135	138	18.64	18.83	18.85	20.2	0.0
100	QPSK	270	0	18.59	18.82	18.81		
100	16QAM	1	1	18.82	18.82	18.78	20.2	0.0
100	64QAM	1	1	18.77	18.98	18.80	20.2	0.0
100	256QAM	1	1	18.74	18.84	18.74	20.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.76	18.85	18.65	20.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.66	18.75	18.61	20.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.71	18.82	18.73	20.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.79	18.88	18.81	20.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.77	18.93	18.63	20.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.77	18.73	18.69	20.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.64	18.87	18.77	20.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.81	18.83	18.67	20.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.78	18.95	18.68	20.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.66	18.94	18.81	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.61		17.2	0.0
100	PI/2 BPSK	1	137		15.45			
100	PI/2 BPSK	1	271		15.67			
100	PI/2 BPSK	135	0		15.75		17.2	0.0
100	PI/2 BPSK	135	69		15.46		17.2	0.0
100	PI/2 BPSK	135	138		15.76		17.2	0.0
100	PI/2 BPSK	270	0		15.60			
100	QPSK	1	1		15.90		17.2	0.0
100	QPSK	1	137		15.70			
100	QPSK	1	271		15.73			
100	QPSK	135	0		15.73		17.2	0.0
100	QPSK	135	69		15.80		17.2	0.0
100	QPSK	135	138		15.68		17.2	0.0
100	QPSK	270	0		15.74			
100	16QAM	1	1		15.46		17.2	0.0
100	64QAM	1	1		15.63		17.2	0.0
100	256QAM	1	1		15.76		17.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.82	15.86	15.74	17.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.77	15.74	15.70	17.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.74	15.85	15.82	17.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.69	15.86	15.86	17.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.62	15.70	15.73	17.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.67	15.78	15.78	17.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.81	15.80	15.71	17.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.80	15.74	15.87	17.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.76	15.72	15.75	17.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.69	15.85	15.68	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.75		20.2	0.0
100	PI/2 BPSK	1	137		18.71			
100	PI/2 BPSK	1	271		18.81			
100	PI/2 BPSK	135	0		18.67		20.2	0.0
100	PI/2 BPSK	135	69		18.85		20.2	0.0
100	PI/2 BPSK	135	138		18.78		20.2	0.0
100	PI/2 BPSK	270	0		18.69			
100	QPSK	1	1		18.95		20.2	0.0
100	QPSK	1	137		18.77			
100	QPSK	1	271		18.90			
100	QPSK	135	0		18.77		20.2	0.0
100	QPSK	135	69		18.80		20.2	0.0
100	QPSK	135	138		18.66		20.2	0.0
100	QPSK	270	0		18.65			
100	16QAM	1	1		18.79		20.2	0.0
100	64QAM	1	1		18.77		20.2	0.0
100	256QAM	1	1		18.71		20.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.73	18.78	18.79	20.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.68	18.87	18.93	20.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.63	18.94	18.83	20.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.83	18.89	18.74	20.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.72	18.80	18.83	20.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.72	18.89	18.75	20.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.76	18.83	18.88	20.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.72	18.78	18.82	20.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.81	18.80	18.74	20.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.66	18.85	18.77	20.2	0.0

n5 Ant4 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		22.24		24.0	0.0
25	PI/2 BPSK	1	67		22.22			
25	PI/2 BPSK	1	131		22.21			
25	PI/2 BPSK	64	0		21.81		23.5	0.5
25	PI/2 BPSK	64	35		22.15		24.0	0.0
25	PI/2 BPSK	64	69		21.86		23.5	0.5
25	PI/2 BPSK	128	0		21.90			
25	QPSK	1	1		22.46		24.0	0.0
25	QPSK	1	67		22.40			
25	QPSK	1	131		22.41			
25	QPSK	64	0		21.30		23.0	1.0
25	QPSK	64	35		22.15		24.0	0.0
25	QPSK	64	69		21.21		23.0	1.0
25	QPSK	128	0		21.16			
25	16QAM	1	1		21.44		23.0	1.0
25	64QAM	1	1		19.83		21.5	2.5
25	256QAM	1	1		17.75		19.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.34	22.27	22.30	0.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.28	22.30	22.29	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.31	22.28	22.30	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	22.36	22.27	22.26	24.0	0.0

n7 For ENDC Ant4 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	17.46	17.65	17.44	18.8	0.0
40	PI/2 BPSK	1	108	17.68	17.66	17.71		
40	PI/2 BPSK	1	214	17.71	17.61	17.50		
40	PI/2 BPSK	108	0	17.29	17.67	17.33	18.8	0.0
40	PI/2 BPSK	108	54	17.64	17.64	17.62	18.8	0.0
40	PI/2 BPSK	108	108	17.73	17.55	17.31	18.8	0.0
40	PI/2 BPSK	216	0	17.25	17.74	17.34		
40	QPSK	1	1	17.48	17.75	17.62	18.8	0.0
40	QPSK	1	108	17.72	17.53	17.51		
40	QPSK	1	214	17.43	17.54	17.26		
40	QPSK	108	0	17.48	17.57	17.62	18.8	0.0
40	QPSK	108	54	17.53	17.69	17.52	18.8	0.0
40	QPSK	108	108	17.25	17.59	17.34	18.8	0.0
40	QPSK	216	0	17.55	17.57	17.53		
40	16QAM	1	1	17.54	17.59	17.50	18.8	0.0
40	64QAM	1	1	17.57	17.49	17.51	18.8	0.0
40	256QAM	1	1	17.52	17.60	17.49	18.8	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.38	17.60	17.57	18.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.45	17.73	17.57	18.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.43	17.58	17.42	18.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.30	17.54	17.46	18.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.47	17.64	17.54	18.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.35	17.61	17.45	18.8	0.0

n26 Ant4 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.36	21.50	21.45	23.0	0.0
20	PI/2 BPSK	1	53	21.28	21.42	21.31		
20	PI/2 BPSK	1	104	21.32	21.35	21.25		
20	PI/2 BPSK	50	0	20.83	20.87	20.77	22.5	0.5
20	PI/2 BPSK	50	28	21.16	21.29	21.22	23.0	0.0
20	PI/2 BPSK	50	56	20.89	20.95	20.84	22.5	0.5
20	PI/2 BPSK	100	0	20.87	20.93	20.79		
20	QPSK	1	1	21.55	21.59	21.49	23.0	0.0
20	QPSK	1	53	21.50	21.52	21.42		
20	QPSK	1	104	21.31	21.43	21.39		
20	QPSK	50	0	20.31	20.40	20.32	22.0	1.0
20	QPSK	50	28	21.26	21.34	21.32	23.0	0.0
20	QPSK	50	56	20.37	20.48	20.42	22.0	1.0
20	QPSK	100	0	20.41	20.46	20.42		
20	16QAM	1	1	20.51	20.62	20.51	22.0	1.0
20	64QAM	1	1	18.99	19.08	19.05	20.5	2.5
20	256QAM	1	1	17.22	17.25	17.16	18.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.51	21.56	21.44	23.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.53	21.51	21.40	23.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.46	21.53	21.35	23.0	0.0

n71 Ant4 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				135600	136100	136600		
Frequency (MHz)				678	680.5	683		
30	PI/2 BPSK	1	1	22.94	23.01	22.96	24.0	0.0
30	PI/2 BPSK	1	80	22.72	22.93	22.80		
30	PI/2 BPSK	1	158	22.75	22.92	22.77		
30	PI/2 BPSK	80	0	22.35	22.41	22.29	23.5	0.5
30	PI/2 BPSK	80	40	22.80	22.85	22.77	24.0	0.0
30	PI/2 BPSK	80	80	22.76	22.80	22.71	23.5	0.5
30	PI/2 BPSK	160	0	22.36	22.31	22.37		
30	QPSK	1	1	22.95	23.09	23.04	24.0	0.0
30	QPSK	1	80	22.87	23.00	22.88		
30	QPSK	1	158	22.92	22.95	22.92		
30	QPSK	80	0	21.80	21.93	21.91	23.0	1.0
30	QPSK	80	40	22.80	22.88	22.74	24.0	0.0
30	QPSK	80	80	21.72	21.77	21.67	23.0	1.0
30	QPSK	160	0	21.84	21.86	21.81		
30	16QAM	1	1	22.20	22.32	22.17	23.0	1.0
30	64QAM	1	1	20.58	20.70	20.69	21.5	2.5
30	256QAM	1	1	18.76	18.91	18.87	19.5	4.5
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	22.80	22.96	22.88	24.0	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	22.80	23.02	22.97	24.0	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.88	22.96	22.99	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.85	23.00	22.99	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.87	22.94	22.98	24.0	0.0

Part27O n77 Ant5 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.23	16.24	16.27	16.9	0.0
100	PI/2 BPSK	1	137	16.22	16.25	16.21		
100	PI/2 BPSK	1	271	16.14	16.26	16.17		
100	PI/2 BPSK	135	0	16.11	16.20	16.23	16.9	0.0
100	PI/2 BPSK	135	69	16.13	16.12	16.05	16.9	0.0
100	PI/2 BPSK	135	138	15.95	16.11	16.03	16.9	0.0
100	PI/2 BPSK	270	0	16.09	16.12	16.01		
100	QPSK	1	1	16.23	16.34	16.30	16.9	0.0
100	QPSK	1	137	16.16	16.29	16.13		
100	QPSK	1	271	16.25	16.31	16.23		
100	QPSK	135	0	16.18	16.14	16.05	16.9	0.0
100	QPSK	135	69	16.03	16.19	16.11	16.9	0.0
100	QPSK	135	138	16.07	16.04	16.03	16.9	0.0
100	QPSK	270	0	16.14	16.15	16.07		
100	16QAM	1	1	15.97	16.08	16.10	16.9	0.0
100	64QAM	1	1	15.34	15.40	15.30	16.9	0.0
100	256QAM	1	1	15.93	15.98	15.90	16.9	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.13	16.23	16.19	16.9	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.18	16.28	16.19	16.9	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.10	16.24	16.26	16.9	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.14	16.27	16.26	16.9	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.11	16.28	16.21	16.9	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.20	16.30	16.23	16.9	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.13	16.23	16.26	16.9	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.10	16.25	16.19	16.9	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.13	16.25	16.21	16.9	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.14	16.22	16.19	16.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.21	19.22	19.29	19.9	0.0
100	PI/2 BPSK	1	137	19.19	19.24	19.17		
100	PI/2 BPSK	1	271	19.13	19.27	19.13		
100	PI/2 BPSK	135	0	19.14	19.24	19.22	19.9	0.0
100	PI/2 BPSK	135	69	19.14	19.16	19.08	19.9	0.0
100	PI/2 BPSK	135	138	18.94	19.12	18.99	19.9	0.0
100	PI/2 BPSK	270	0	19.09	19.09	19.02		
100	QPSK	1	1	19.27	19.34	19.33	19.9	0.0
100	QPSK	1	137	19.14	19.30	19.12		
100	QPSK	1	271	19.29	19.28	19.18		
100	QPSK	135	0	19.12	19.12	19.07	19.9	0.0
100	QPSK	135	69	19.08	19.16	19.07	19.9	0.0
100	QPSK	135	138	19.04	19.08	19.02	19.9	0.0
100	QPSK	270	0	19.10	19.14	19.11		
100	16QAM	1	1	19.00	19.06	19.14	19.9	0.0
100	64QAM	1	1	18.72	18.89	18.84	19.5	0.4
100	256QAM	1	1	16.95	17.13	17.13	17.5	2.4
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.21	19.24	19.29	19.9	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	19.25	19.21	19.9	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.20	19.25	19.25	19.9	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.18	19.29	19.22	19.9	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.24	19.26	19.23	19.9	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.15	19.24	19.28	19.9	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.22	19.30	19.27	19.9	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.20	19.27	19.28	19.9	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.17	19.28	19.29	19.9	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.23	19.23	19.28	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.19		16.9	0.0
100	PI/2 BPSK	1	137		16.15			
100	PI/2 BPSK	1	271		16.15			
100	PI/2 BPSK	135	0		16.10		16.9	0.0
100	PI/2 BPSK	135	69		16.04		16.9	0.0
100	PI/2 BPSK	135	138		16.04		16.9	0.0
100	PI/2 BPSK	270	0		16.04			
100	QPSK	1	1		16.30		16.9	0.0
100	QPSK	1	137		16.21			
100	QPSK	1	271		16.26			
100	QPSK	135	0		16.05		16.9	0.0
100	QPSK	135	69		16.11		16.9	0.0
100	QPSK	135	138		15.93		16.9	0.0
100	QPSK	270	0		16.06			
100	16QAM	1	1		16.02		16.9	0.0
100	64QAM	1	1		16.01		16.9	0.0
100	256QAM	1	1		15.85		16.9	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.01	16.18	16.10	16.9	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.08	16.19	16.12	16.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.04	16.19	16.15	16.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.03	16.15	16.13	16.9	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.06	16.15	16.12	16.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.03	16.15	16.13	16.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.03	16.12	16.16	16.9	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.05	16.18	16.11	16.9	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.03	16.13	16.11	16.9	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.07	16.17	16.07	16.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.13		19.9	0.0
100	PI/2 BPSK	1	137		19.18			
100	PI/2 BPSK	1	271		19.16			
100	PI/2 BPSK	135	0		19.20		19.9	0.0
100	PI/2 BPSK	135	69		19.10		19.9	0.0
100	PI/2 BPSK	135	138		19.00		19.9	0.0
100	PI/2 BPSK	270	0		19.00			
100	QPSK	1	1		19.29		19.9	0.0
100	QPSK	1	137		19.21			
100	QPSK	1	271		19.25			
100	QPSK	135	0		19.04		19.9	0.0
100	QPSK	135	69		19.13		19.9	0.0
100	QPSK	135	138		18.99		19.9	0.0
100	QPSK	270	0		19.12			
100	16QAM	1	1		18.99		19.9	0.0
100	64QAM	1	1		18.76		19.5	0.4
100	256QAM	1	1		16.66		17.5	2.4
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.18	19.16	19.25	19.9	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.03		
80	QPSK	1	1	19.09	19.20	19.23	19.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.16	19.14	19.19	19.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.09	19.13	19.19	19.9	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.08	19.18	19.21	19.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.12	19.18	19.18	19.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.14	19.20	19.25	19.9	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.16	19.15	19.25	19.9	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.16	19.20	19.18	19.9	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.14	19.20	19.16	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.20	16.28	16.20	17.3	0.0
100	PI/2 BPSK	1	137	16.14	16.29	16.12		
100	PI/2 BPSK	1	271	16.20	16.30	16.15		
100	PI/2 BPSK	135	0	16.12	16.33	16.15	17.3	0.0
100	PI/2 BPSK	135	69	16.18	16.26	16.18	17.3	0.0
100	PI/2 BPSK	135	138	16.15	16.34	16.18	17.3	0.0
100	PI/2 BPSK	270	0	16.12	16.30	16.16		
100	QPSK	1	1	16.25	16.38	16.23	17.3	0.0
100	QPSK	1	137	16.33	16.26	16.25		
100	QPSK	1	271	16.31	16.33	16.29		
100	QPSK	135	0	16.20	16.32	16.10	17.3	0.0
100	QPSK	135	69	16.13	16.33	16.15	17.3	0.0
100	QPSK	135	138	16.15	16.31	16.19	17.3	0.0
100	QPSK	270	0	16.13	16.32	16.20		
100	16QAM	1	1	16.17	16.33	16.12	17.3	0.0
100	64QAM	1	1	16.21	16.32	16.16	17.3	0.0
100	256QAM	1	1	16.22	16.30	16.19	17.3	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.20	16.29	16.16	17.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.13	16.28	16.13	17.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.21	16.32	16.14	17.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.15	16.32	16.18	17.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.15	16.33	16.16	17.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.21	16.28	16.18	17.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.15	16.27	16.11	17.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.16	16.35	16.13	17.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.21	16.32	16.20	17.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.18	16.34	16.14	17.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.23	19.36	19.17	20.3	0.0
100	PI/2 BPSK	1	137	19.26	19.37	19.16		
100	PI/2 BPSK	1	271	19.22	19.42	19.20		
100	PI/2 BPSK	135	0	19.23	19.40	19.20	20.3	0.0
100	PI/2 BPSK	135	69	19.20	19.33	19.19	20.3	0.0
100	PI/2 BPSK	135	138	19.26	19.36	19.18	20.3	0.0
100	PI/2 BPSK	270	0	19.26	19.37	19.20		
100	QPSK	1	1	19.33	19.45	19.27	20.3	0.0
100	QPSK	1	137	19.28	19.35	19.25		
100	QPSK	1	271	19.16	19.34	19.12		
100	QPSK	135	0	19.23	19.36	19.18	20.3	0.0
100	QPSK	135	69	19.23	19.42	19.24	20.3	0.0
100	QPSK	135	138	19.25	19.35	19.20	20.3	0.0
100	QPSK	270	0	19.25	19.38	19.20		
100	16QAM	1	1	19.22	19.40	19.17	20.3	0.0
100	64QAM	1	1	19.28	19.36	19.16	20.3	0.0
100	256QAM	1	1	17.94	18.04	17.83	18.5	1.8
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.28	19.35	19.20	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	19.21	19.42	19.23	20.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.27	19.35	19.17	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	19.26	19.38	19.18	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	19.23	19.36	19.17	20.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.26	19.35	19.17	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	19.27	19.41	19.19	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	19.23	19.32	19.23	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	19.27	19.33	19.24	20.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.22	19.36	19.18	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.19		17.3	0.0
100	PI/2 BPSK	1	137		16.26			
100	PI/2 BPSK	1	271		16.25			
100	PI/2 BPSK	135	0		16.26		17.3	0.0
100	PI/2 BPSK	135	69		16.16		17.3	0.0
100	PI/2 BPSK	135	138		16.22		17.3	0.0
100	PI/2 BPSK	270	0		16.18			
100	QPSK	1	1		16.28		17.3	0.0
100	QPSK	1	137		16.15			
100	QPSK	1	271		16.22			
100	QPSK	135	0		16.26		17.3	0.0
100	QPSK	135	69		16.27		17.3	0.0
100	QPSK	135	138		16.25		17.3	0.0
100	QPSK	270	0		16.19			
100	16QAM	1	1		16.12		17.3	0.0
100	64QAM	1	1		16.21		17.3	0.0
100	256QAM	1	1		16.26		17.3	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.16	16.25	16.07	17.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.15	16.21	16.07	17.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.07	16.24	16.03	17.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.10	16.20	16.06	17.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.10	16.24	16.07	17.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.11	16.22	16.12	17.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.08	16.18	16.13	17.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.07	16.20	16.13	17.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.08	16.24	16.08	17.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.10	16.21	16.07	17.3	0.0

Part27O n78 PC2 Ant7 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.26		20.3	0.0
100	PI/2 BPSK	1	137		19.26			
100	PI/2 BPSK	1	271		19.33			
100	PI/2 BPSK	135	0		19.32		20.3	0.0
100	PI/2 BPSK	135	69		19.23		20.3	0.0
100	PI/2 BPSK	135	138		19.32		20.3	0.0
100	PI/2 BPSK	270	0		19.30			
100	QPSK	1	1		19.41		20.3	0.0
100	QPSK	1	137		19.23			
100	QPSK	1	271		19.22			
100	QPSK	135	0		19.29		20.3	0.0
100	QPSK	135	69		19.36		20.3	0.0
100	QPSK	135	138		19.26		20.3	0.0
100	QPSK	270	0		19.29			
100	16QAM	1	1		19.33		20.3	0.0
100	64QAM	1	1		19.30		20.3	0.0
100	256QAM	1	1		18.07		18.5	1.8
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.18	19.25	19.13	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	19.15	19.32	19.12	20.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.23	19.25	19.10	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	19.23	19.25	19.17	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	19.19	19.25	19.16	20.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.18	19.27	19.14	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	19.25	19.28	19.11	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	19.19	19.26	19.15	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	19.17	19.26	19.09	20.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.16	19.31	19.11	20.3	0.0

Part27O n77 Ant11 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.16	20.22	20.08	21.1	0.0
100	PI/2 BPSK	1	137	20.07	20.25	20.05		
100	PI/2 BPSK	1	271	20.15	20.23	20.03		
100	PI/2 BPSK	135	0	20.15	20.18	20.07	21.1	0.0
100	PI/2 BPSK	135	69	20.15	20.25	20.01	21.1	0.0
100	PI/2 BPSK	135	138	20.12	20.20	20.00	21.1	0.0
100	PI/2 BPSK	270	0	20.10	20.24	20.08		
100	QPSK	1	1	20.19	20.28	20.12	21.1	0.0
100	QPSK	1	137	19.97	19.93	19.93		
100	QPSK	1	271	20.04	20.16	20.11		
100	QPSK	135	0	20.08	20.20	20.03	21.1	0.0
100	QPSK	135	69	20.09	20.24	20.09	21.1	0.0
100	QPSK	135	138	20.12	20.18	20.06	21.1	0.0
100	QPSK	270	0	20.14	20.23	20.00		
100	16QAM	1	1	20.09	20.17	20.06	21.1	0.0
100	64QAM	1	1	20.07	20.23	19.99	21.1	0.0
100	256QAM	1	1	20.06	20.20	20.08	21.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.12	20.16	20.05	21.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.08	20.16	20.08	21.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.11	20.21	19.99	21.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.14	20.15	20.05	21.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.08	20.17	19.99	21.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.13	20.20	20.00	21.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.13	20.17	20.07	21.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.16	20.23	20.07	21.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.13	20.18	19.99	21.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.08	20.18	20.03	21.1	0.0

Part27O n77 PC2 Ant11 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.13	23.14	23.07	24.1	0.0
100	PI/2 BPSK	1	137	23.09	23.15	23.05		
100	PI/2 BPSK	1	271	23.12	23.16	23.04		
100	PI/2 BPSK	135	0	23.08	23.16	23.08	24.1	0.0
100	PI/2 BPSK	135	69	23.15	23.17	23.09	24.1	0.0
100	PI/2 BPSK	135	138	23.10	23.15	23.11	24.1	0.0
100	PI/2 BPSK	270	0	23.13	23.15	23.10		
100	QPSK	1	1	23.18	23.26	23.17	24.1	0.0
100	QPSK	1	137	23.02	23.19	23.13		
100	QPSK	1	271	23.16	23.23	23.14		
100	QPSK	135	0	23.14	23.20	23.09	24.1	0.0
100	QPSK	135	69	23.15	23.24	23.07	24.1	0.0
100	QPSK	135	138	23.09	23.22	23.06	24.1	0.0
100	QPSK	270	0	23.13	23.18	23.13		
100	16QAM	1	1	23.06	23.13	23.10	24.1	0.0
100	64QAM	1	1	23.19	23.22	23.14	24.1	0.0
100	256QAM	1	1	21.08	21.20	21.10	22.5	1.6
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.11	23.17	23.10	24.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.06	23.23	23.13	24.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.14	23.16	23.04	24.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.13	23.13	23.10	24.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.09	23.13	23.06	24.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.09	23.21	23.12	24.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.05	23.13	23.13	24.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.10	23.20	23.05	24.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.10	23.17	23.09	24.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.14	23.19	23.10	24.1	0.0

Part27O n78 Ant11 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.16		21.1	0.0
100	PI/2 BPSK	1	137		20.19			
100	PI/2 BPSK	1	271		20.16			
100	PI/2 BPSK	135	0		20.14		21.1	0.0
100	PI/2 BPSK	135	69		20.18		21.1	0.0
100	PI/2 BPSK	135	138		20.14		21.1	0.0
100	PI/2 BPSK	270	0		20.13			
100	QPSK	1	1		20.23		21.1	0.0
100	QPSK	1	137		19.81			
100	QPSK	1	271		20.06			
100	QPSK	135	0		20.11		21.1	0.0
100	QPSK	135	69		20.21		21.1	0.0
100	QPSK	135	138		20.12		21.1	0.0
100	QPSK	270	0		20.14			
100	16QAM	1	1		20.05		21.1	0.0
100	64QAM	1	1		20.17		21.1	0.0
100	256QAM	1	1		20.14		21.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.08	20.09	19.96	21.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.01	20.08	19.94	21.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.04	20.10	19.95	21.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.99	20.10	19.98	21.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.08	20.06	19.98	21.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.01	20.04	19.92	21.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.08	20.10	19.93	21.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.07	20.07	19.97	21.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.00	20.04	19.98	21.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.05	20.03	19.99	21.1	0.0

Part27O n78 PC2 Ant11 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.06		24.1	0.0
100	PI/2 BPSK	1	137		23.06			
100	PI/2 BPSK	1	271		23.05			
100	PI/2 BPSK	135	0		23.07		24.1	0.0
100	PI/2 BPSK	135	69		23.13		24.1	0.0
100	PI/2 BPSK	135	138		23.07		24.1	0.0
100	PI/2 BPSK	270	0		23.11			
100	QPSK	1	1		23.18		24.1	0.0
100	QPSK	1	137		23.08			
100	QPSK	1	271		23.00			
100	QPSK	135	0		23.11		24.1	0.0
100	QPSK	135	69		23.17		24.1	0.0
100	QPSK	135	138		23.16		24.1	0.0
100	QPSK	270	0		23.12			
100	16QAM	1	1		23.08		24.1	0.0
100	64QAM	1	1		23.16		24.1	0.0
100	256QAM	1	1		21.22		22.5	1.6
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.08	23.10	23.04	24.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.03		
80	QPSK	1	1	23.05	23.07	22.99	24.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.99	23.10	23.03	24.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.06	23.08	22.99	24.1	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	23.06	23.05	24.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.00	23.07	23.03	24.1	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	23.14	23.03	24.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.04	23.08	23.06	24.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.04	23.14	23.06	24.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.07	23.13	22.98	24.1	0.0

Reduced Power Mode for DSI4 sensor off

Part27O n77 Ant11 DSI 4 Sensor Off

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.68	20.74	20.73	22.1	0.0
100	PI/2 BPSK	1	137	20.67	20.82	20.70		
100	PI/2 BPSK	1	271	20.68	20.80	20.73		
100	PI/2 BPSK	135	0	20.67	20.78	20.68	22.1	0.0
100	PI/2 BPSK	135	69	20.70	20.80	20.75	22.1	0.0
100	PI/2 BPSK	135	138	20.68	20.79	20.71	22.1	0.0
100	PI/2 BPSK	270	0	20.71	20.82	20.68		
100	QPSK	1	1	20.83	21.06	20.92	22.1	0.0
100	QPSK	1	137	20.66	20.66	20.59		
100	QPSK	1	271	20.77	20.86	20.80		
100	QPSK	135	0	20.68	20.83	20.72	22.1	0.0
100	QPSK	135	69	20.72	20.99	20.80	22.1	0.0
100	QPSK	135	138	20.56	20.59	20.52	22.1	0.0
100	QPSK	270	0	20.65	20.83	20.73		
100	16QAM	1	1	20.66	20.80	20.72	22.1	0.0
100	64QAM	1	1	20.66	20.81	20.74	22.1	0.0
100	256QAM	1	1	20.66	20.73	20.69	22.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.72	20.81	20.74	22.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.68	20.80	20.69	22.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.66	20.80	20.71	22.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.72	20.74	20.72	22.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.67	20.77	20.74	22.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.67	20.75	20.74	22.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.65	20.81	20.72	22.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.72	20.74	20.69	22.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.74	20.76	20.73	22.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.65	20.77	20.70	22.1	0.0

Part27O n77 PC2 Ant11 DSI 4 Sensor Off

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.77	23.88	23.83	25.1	0.0
100	PI/2 BPSK	1	137	23.77	23.87	23.78		
100	PI/2 BPSK	1	271	23.73	23.93	23.85		
100	PI/2 BPSK	135	0	23.80	23.87	23.80	25.1	0.0
100	PI/2 BPSK	135	69	23.82	23.92	23.84	25.1	0.0
100	PI/2 BPSK	135	138	23.75	23.91	23.84	25.1	0.0
100	PI/2 BPSK	270	0	23.81	23.87	23.82		
100	QPSK	1	1	23.96	24.21	24.02	25.1	0.0
100	QPSK	1	137	23.71	23.72	23.68		
100	QPSK	1	271	23.88	23.96	23.89		
100	QPSK	135	0	23.81	23.96	23.85	25.1	0.0
100	QPSK	135	69	23.87	24.07	23.89	25.1	0.0
100	QPSK	135	138	23.63	23.65	23.65	25.1	0.0
100	QPSK	270	0	23.76	23.95	23.86		
100	16QAM	1	1	23.79	23.87	23.85	25.1	0.0
100	64QAM	1	1	23.19	23.22	23.14	24.5	0.6
100	256QAM	1	1	21.08	21.20	21.10	22.5	2.6
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.89	24.10	24.01	25.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.91	24.19	23.99	25.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.91	24.13	23.99	25.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.95	24.19	23.96	25.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.89	24.17	23.99	25.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.88	24.12	24.01	25.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.89	24.13	23.96	25.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.88	24.17	23.91	25.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.89	24.17	23.91	25.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.86	24.15	23.95	25.1	0.0

Part27O n78 Ant11 DSI 4 Sensor Off

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.69		22.1	0.0
100	PI/2 BPSK	1	137		20.76			
100	PI/2 BPSK	1	271		20.79			
100	PI/2 BPSK	135	0		20.70		22.1	0.0
100	PI/2 BPSK	135	69		20.74		22.1	0.0
100	PI/2 BPSK	135	138		20.76		22.1	0.0
100	PI/2 BPSK	270	0		20.74			
100	QPSK	1	1		21.00		22.1	0.0
100	QPSK	1	137		20.57			
100	QPSK	1	271		20.83			
100	QPSK	135	0		20.78		22.1	0.0
100	QPSK	135	69		20.93		22.1	0.0
100	QPSK	135	138		20.54		22.1	0.0
100	QPSK	270	0		20.72			
100	16QAM	1	1		20.70		22.1	0.0
100	64QAM	1	1		20.19		22.1	0.0
100	256QAM	1	1		20.19		22.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.64	20.78	20.71	22.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.69	20.73	20.64	22.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.67	20.78	20.66	22.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.66	20.76	20.65	22.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.70	20.78	20.72	22.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.67	20.71	20.66	22.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.68	20.77	20.67	22.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.69	20.75	20.65	22.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.63	20.79	20.65	22.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.65	20.79	20.73	22.1	0.0

Part27O n78 PC2 Ant11 DSI 4 Sensor Off

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.82		25.1	0.0
100	PI/2 BPSK	1	137		23.79			
100	PI/2 BPSK	1	271		23.85			
100	PI/2 BPSK	135	0		23.78		25.1	0.0
100	PI/2 BPSK	135	69		23.84		25.1	0.0
100	PI/2 BPSK	135	138		23.88		25.1	0.0
100	PI/2 BPSK	270	0		23.78			
100	QPSK	1	1		24.19		25.1	0.0
100	QPSK	1	137		23.61			
100	QPSK	1	271		23.92			
100	QPSK	135	0		23.90		25.1	0.0
100	QPSK	135	69		23.98		25.1	0.0
100	QPSK	135	138		23.57		25.1	0.0
100	QPSK	270	0		23.89			
100	16QAM	1	1		23.78		25.1	0.0
100	64QAM	1	1		23.25		24.5	0.6
100	256QAM	1	1		21.22		22.5	2.6
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.83	24.00	23.99	25.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.84	24.02	23.98	25.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.79	24.02	23.97	25.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.80	24.07	23.90	25.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.80	24.05	23.94	25.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.80	24.01	23.91	25.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.83	24.01	23.92	25.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.81	24.07	23.93	25.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.83	24.07	23.93	25.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.79	24.09	23.99	25.1	0.0

Reduced Power Mode for DSI6

n5 Ant0 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		23.14		24.0	0.0
25	PI/2 BPSK	1	67		22.93			
25	PI/2 BPSK	1	131		23.20			
25	PI/2 BPSK	64	0		22.44		23.5	0.5
25	PI/2 BPSK	64	35		22.87		24.0	0.0
25	PI/2 BPSK	64	69		22.45		23.5	0.5
25	PI/2 BPSK	128	0		22.46			
25	QPSK	1	1		23.24		24.0	0.0
25	QPSK	1	67		22.93			
25	QPSK	1	131		23.17			
25	QPSK	64	0		21.99		23.0	1.0
25	QPSK	64	35		22.98		24.0	0.0
25	QPSK	64	69		22.05		23.0	1.0
25	QPSK	128	0		22.00			
25	16QAM	1	1		22.42		23.0	1.0
25	64QAM	1	1		20.88		21.5	2.5
25	256QAM	1	1		18.87		19.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.18	23.13	23.17	0.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.12	23.11	23.15	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.15	23.15	23.19	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	23.13	23.20	23.13	24.0	0.0

n26 Ant0 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.44	22.50	22.34	24.0	0.0
20	PI/2 BPSK	1	53	22.54	22.53	22.46		
20	PI/2 BPSK	1	104	22.46	22.54	22.45		
20	PI/2 BPSK	50	0	21.90	22.05	21.94	23.5	0.5
20	PI/2 BPSK	50	28	22.49	22.54	22.43	24.0	0.0
20	PI/2 BPSK	50	56	22.03	22.10	21.94	23.5	0.5
20	PI/2 BPSK	100	0	21.97	22.09	21.97		
20	QPSK	1	1	22.72	22.91	22.53	24.0	0.0
20	QPSK	1	53	22.49	22.55	22.49		
20	QPSK	1	104	22.47	22.53	22.40		
20	QPSK	50	0	21.30	21.52	21.36	23.0	1.0
20	QPSK	50	28	22.48	22.53	22.37	24.0	0.0
20	QPSK	50	56	21.45	21.53	21.55	23.0	1.0
20	QPSK	100	0	21.49	21.54	21.48		
20	16QAM	1	1	21.47	21.60	21.49	23.0	1.0
20	64QAM	1	1	20.02	20.10	19.95	21.5	2.5
20	256QAM	1	1	18.24	18.22	18.13	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.63	22.86	22.50	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.63	22.78	22.40	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	22.68	22.80	22.48	24.0	0.0

n71 Ant0 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				135600	136100	136600		
Frequency (MHz)				678	680.5	683		
30	PI/2 BPSK	1	1	23.08	23.13	23.10	24.0	0.0
30	PI/2 BPSK	1	80	22.77	22.83	22.79		
30	PI/2 BPSK	1	158	22.81	22.87	22.86		
30	PI/2 BPSK	80	0	22.37	22.45	22.44	23.5	0.5
30	PI/2 BPSK	80	40	22.86	22.94	22.86	24.0	0.0
30	PI/2 BPSK	80	80	22.83	22.88	22.73	23.5	0.5
30	PI/2 BPSK	160	0	22.33	22.47	22.33		
30	QPSK	1	1	23.14	23.22	23.14	24.0	0.0
30	QPSK	1	80	22.84	22.92	22.77		
30	QPSK	1	158	22.87	22.91	22.85		
30	QPSK	80	0	21.89	21.95	21.95	23.0	1.0
30	QPSK	80	40	22.84	22.90	22.85	24.0	0.0
30	QPSK	80	80	21.89	21.85	21.82	23.0	1.0
30	QPSK	160	0	21.88	21.95	21.82		
30	16QAM	1	1	22.21	22.34	22.17	23.0	1.0
30	64QAM	1	1	20.73	20.86	20.83	21.5	2.5
30	256QAM	1	1	18.79	18.84	18.70	19.5	4.5
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	23.02	23.17	23.06	24.0	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	23.09	23.15	23.09	24.0	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.03	23.13	23.07	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.04	23.12	23.07	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.01	23.18	23.02	24.0	0.0

n7 Ant1 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	20.94	21.08	21.04	22.2	0.0
40	PI/2 BPSK	1	108	20.93	21.02	21.00		
40	PI/2 BPSK	1	214	20.98	21.06	21.03		
40	PI/2 BPSK	108	0	20.97	21.01	21.01	22.2	0.0
40	PI/2 BPSK	108	54	20.99	21.00	21.01	22.2	0.0
40	PI/2 BPSK	108	108	21.01	21.05	20.97	22.2	0.0
40	PI/2 BPSK	216	0	20.96	21.01	21.00		
40	QPSK	1	1	21.14	21.19	21.09	22.2	0.0
40	QPSK	1	108	21.02	21.07	20.92		
40	QPSK	1	214	20.92	21.04	20.99		
40	QPSK	108	0	21.01	21.03	21.03	22.2	0.0
40	QPSK	108	54	21.04	21.11	21.06	22.2	0.0
40	QPSK	108	108	20.98	20.99	20.88	22.2	0.0
40	QPSK	216	0	20.84	21.03	20.93		
40	16QAM	1	1	21.03	21.07	20.98	22.2	0.0
40	64QAM	1	1	20.72	20.84	20.81	21.5	0.7
40	256QAM	1	1	18.75	18.87	18.84	19.5	2.7
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.97	21.09	21.05	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	21.02	21.07	21.00	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	21.01	21.00	20.97	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	20.94	21.05	20.95	22.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.94	21.06	21.04	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	21.01	21.10	21.04	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.36	21.45	21.36	22.7	0.0
40	PI/2 BPSK	1	53	21.29	21.45	21.35		
40	PI/2 BPSK	1	104	21.38	21.45	21.36		
40	PI/2 BPSK	50	0	21.32	21.45	21.33	22.7	0.0
40	PI/2 BPSK	50	28	21.38	21.44	21.42	22.7	0.0
40	PI/2 BPSK	50	56	21.33	21.46	21.40	22.7	0.0
40	PI/2 BPSK	100	0	21.31	21.43	21.34		
40	QPSK	1	1	21.42	21.50	21.46	22.7	0.0
40	QPSK	1	53	21.36	21.49	21.32		
40	QPSK	1	104	21.35	21.45	21.35		
40	QPSK	50	0	21.34	21.40	21.42	22.7	0.0
40	QPSK	50	28	21.38	21.46	21.38	22.7	0.0
40	QPSK	50	56	21.24	21.41	21.23	22.7	0.0
40	QPSK	100	0	21.26	21.42	21.27		
40	16QAM	1	1	21.33	21.46	21.38	22.7	0.0
40	64QAM	1	1	20.91	20.91	20.82	21.5	1.2
40	256QAM	1	1	18.85	18.89	18.72	19.5	3.2
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.38	21.47	21.43	22.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.32	21.47	21.37	22.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.30	21.46	21.35	22.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.34	21.44	21.43	22.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.44	21.49	21.44	22.7	0.0
100	PI/2 BPSK	1	137	21.34	21.46	21.42		
100	PI/2 BPSK	1	271	21.44	21.51	21.38		
100	PI/2 BPSK	135	0	21.38	21.49	21.42	22.7	0.0
100	PI/2 BPSK	135	69	21.45	21.50	21.48	22.7	0.0
100	PI/2 BPSK	135	138	21.39	21.47	21.46	22.7	0.0
100	PI/2 BPSK	270	0	21.33	21.50	21.41		
100	QPSK	1	1	21.51	21.52	21.49	22.7	0.0
100	QPSK	1	137	21.38	21.50	21.34		
100	QPSK	1	271	21.41	21.48	21.44		
100	QPSK	135	0	21.36	21.45	21.41	22.7	0.0
100	QPSK	135	69	21.46	21.47	21.44	22.7	0.0
100	QPSK	135	138	21.28	21.45	21.33	22.7	0.0
100	QPSK	270	0	21.27	21.46	21.37		
100	16QAM	1	1	21.36	21.51	21.42	22.7	0.0
100	64QAM	1	1	20.66	20.64	20.59	21.5	1.2
100	256QAM	1	1	18.67	18.69	18.59	19.5	3.2
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.49	21.50	21.39	22.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.46	21.42	21.43	22.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.40	21.43	21.45	22.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.41	21.46	21.43	22.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.45	21.44	21.45	22.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.47	21.49	21.47	22.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.43	21.44	21.42	22.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.50	21.42	21.46	22.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.48	21.46	21.46	22.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.45	21.42	21.46	22.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.33	17.49	17.48	19.1	0.0
100	PI/2 BPSK	1	137	17.36	17.51	17.46		
100	PI/2 BPSK	1	271	17.39	17.52	17.42		
100	PI/2 BPSK	135	0	17.34	17.50	17.45	19.1	0.0
100	PI/2 BPSK	135	69	17.39	17.53	17.47	19.1	0.0
100	PI/2 BPSK	135	138	17.35	17.53	17.48	19.1	0.0
100	PI/2 BPSK	270	0	17.29	17.45	17.51		
100	QPSK	1	1	17.52	17.64	17.59	19.1	0.0
100	QPSK	1	137	17.42	17.58	17.54		
100	QPSK	1	271	17.62	17.61	17.61		
100	QPSK	135	0	17.34	17.47	17.45	19.1	0.0
100	QPSK	135	69	17.41	17.60	17.49	19.1	0.0
100	QPSK	135	138	17.38	17.46	17.43	19.1	0.0
100	QPSK	270	0	17.51	17.58	17.51		
100	16QAM	1	1	17.39	17.51	17.43	19.1	0.0
100	64QAM	1	1	17.33	17.55	17.50	19.1	0.0
100	256QAM	1	1	17.34	17.54	17.41	19.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.36	17.53	17.51	19.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.32	17.47	17.46	19.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.39	17.49	17.45	19.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.30	17.50	17.49	19.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.31	17.52	17.48	19.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.31	17.47	17.51	19.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.37	17.53	17.48	19.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.37	17.54	17.49	19.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.34	17.46	17.50	19.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.39	17.54	17.51	19.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.33	20.52	20.47	22.1	0.0
100	PI/2 BPSK	1	137	20.39	20.55	20.45		
100	PI/2 BPSK	1	271	20.37	20.50	20.43		
100	PI/2 BPSK	135	0	20.36	20.51	20.47	22.1	0.0
100	PI/2 BPSK	135	69	20.36	20.58	20.51	22.1	0.0
100	PI/2 BPSK	135	138	20.37	20.56	20.44	22.1	0.0
100	PI/2 BPSK	270	0	20.29	20.41	20.48		
100	QPSK	1	1	20.55	20.67	20.54	22.1	0.0
100	QPSK	1	137	20.41	20.53	20.58		
100	QPSK	1	271	20.64	20.61	20.59		
100	QPSK	135	0	20.36	20.51	20.45	22.1	0.0
100	QPSK	135	69	20.40	20.64	20.48	22.1	0.0
100	QPSK	135	138	20.37	20.42	20.44	22.1	0.0
100	QPSK	270	0	20.54	20.58	20.50		
100	16QAM	1	1	20.34	20.55	20.46	22.1	0.0
100	64QAM	1	1	20.30	20.54	20.52	22.1	0.0
100	256QAM	1	1	20.31	20.53	20.40	22.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.46	20.56	20.50	22.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.51	20.54	20.42	22.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.47	20.64	20.51	22.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.48	20.55	20.43	22.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.47	20.56	20.48	22.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.44	20.62	20.42	22.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.45	20.55	20.46	22.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.52	20.59	20.47	22.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.51	20.62	20.49	22.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.46	20.58	20.51	22.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.43		19.1	0.0
100	PI/2 BPSK	1	137		17.46			
100	PI/2 BPSK	1	271		17.49			
100	PI/2 BPSK	135	0		17.43		19.1	0.0
100	PI/2 BPSK	135	69		17.47		19.1	0.0
100	PI/2 BPSK	135	138		17.41		19.1	0.0
100	PI/2 BPSK	270	0		17.41			
100	QPSK	1	1		17.59		19.1	0.0
100	QPSK	1	137		17.52			
100	QPSK	1	271		17.57			
100	QPSK	135	0		17.36		19.1	0.0
100	QPSK	135	69		17.52		19.1	0.0
100	QPSK	135	138		17.36		19.1	0.0
100	QPSK	270	0		17.48			
100	16QAM	1	1		17.42		19.1	0.0
100	64QAM	1	1		17.49		19.1	0.0
100	256QAM	1	1		17.47		19.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.26	17.46	17.41	19.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.31	17.45	17.38	19.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.32	17.45	17.48	19.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.27	17.44	17.42	19.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.27	17.46	17.48	19.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.25	17.43	17.46	19.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.25	17.44	17.48	19.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.33	17.46	17.42	19.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.28	17.49	17.41	19.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.30	17.45	17.43	19.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.47		22.1	0.0
100	PI/2 BPSK	1	137		20.49			
100	PI/2 BPSK	1	271		20.44			
100	PI/2 BPSK	135	0		20.43		22.1	0.0
100	PI/2 BPSK	135	69		20.54		22.1	0.0
100	PI/2 BPSK	135	138		20.53		22.1	0.0
100	PI/2 BPSK	270	0		20.28			
100	QPSK	1	1		20.58		22.1	0.0
100	QPSK	1	137		20.48			
100	QPSK	1	271		20.54			
100	QPSK	135	0		20.40		22.1	0.0
100	QPSK	135	69		20.58		22.1	0.0
100	QPSK	135	138		20.35		22.1	0.0
100	QPSK	270	0		20.48			
100	16QAM	1	1		20.45		22.1	0.0
100	64QAM	1	1		20.46		22.1	0.0
100	256QAM	1	1		20.41		22.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.40	20.50	20.40	22.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.03		
80	QPSK	1	1	20.39	20.50	20.37	22.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.43	20.46	20.44	22.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.40	20.51	20.45	22.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.34	20.47	20.45	22.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.39	20.45	20.37	22.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.36	20.48	20.43	22.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.39	20.52	20.38	22.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.33	20.49	20.44	22.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.40	20.44	20.40	22.1	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					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		22.24		24.0	0.0
25	PI/2 BPSK	1	67		22.22			
25	PI/2 BPSK	1	131		22.21			
25	PI/2 BPSK	64	0		21.81		23.5	0.5
25	PI/2 BPSK	64	35		22.15		24.0	0.0
25	PI/2 BPSK	64	69		21.86		23.5	0.5
25	PI/2 BPSK	128	0		21.90			
25	QPSK	1	1		22.46		24.0	0.0
25	QPSK	1	67		22.40			
25	QPSK	1	131		22.41			
25	QPSK	64	0		21.30		23.0	1.0
25	QPSK	64	35		22.15		24.0	0.0
25	QPSK	64	69		21.21		23.0	1.0
25	QPSK	128	0		21.16			
25	16QAM	1	1		21.44		23.0	1.0
25	64QAM	1	1		19.83		21.5	2.5
25	256QAM	1	1		17.75		19.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.34	22.27	22.30	0.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.28	22.30	22.29	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.31	22.28	22.30	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	22.36	22.27	22.26	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.92	18.99	18.93	20.2	0.0
40	PI/2 BPSK	1	108	18.94	18.95	18.95		
40	PI/2 BPSK	1	214	18.95	19.02	18.95		
40	PI/2 BPSK	108	0	18.91	18.96	18.88	20.2	0.0
40	PI/2 BPSK	108	54	18.95	19.01	18.93	20.2	0.0
40	PI/2 BPSK	108	108	18.89	18.99	18.87	20.2	0.0
40	PI/2 BPSK	216	0	18.93	18.97	18.91		
40	QPSK	1	1	19.13	19.22	19.07	20.2	0.0
40	QPSK	1	108	19.02	19.06	19.00		
40	QPSK	1	214	19.05	19.10	19.04		
40	QPSK	108	0	18.98	19.00	18.94	20.2	0.0
40	QPSK	108	54	19.08	19.12	18.94	20.2	0.0
40	QPSK	108	108	18.91	18.99	18.96	20.2	0.0
40	QPSK	216	0	19.00	19.07	18.96		
40	16QAM	1	1	18.94	19.03	18.96	20.2	0.0
40	64QAM	1	1	18.91	18.94	18.94	20.2	0.0
40	256QAM	1	1	18.74	18.79	18.71	19.5	0.7
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.96	18.94	18.89	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	18.92	18.99	18.87	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	18.95	18.98	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	18.97	18.95	18.90	20.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.95	18.95	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	18.99	19.01	18.90	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.36	21.50	21.45	23.0	0.0
20	PI/2 BPSK	1	53	21.28	21.42	21.31		
20	PI/2 BPSK	1	104	21.32	21.35	21.25		
20	PI/2 BPSK	50	0	20.83	20.87	20.77	22.5	0.5
20	PI/2 BPSK	50	28	21.16	21.29	21.22	23.0	0.0
20	PI/2 BPSK	50	56	20.89	20.95	20.84	22.5	0.5
20	PI/2 BPSK	100	0	20.87	20.93	20.79		
20	QPSK	1	1	21.55	21.59	21.49	23.0	0.0
20	QPSK	1	53	21.50	21.52	21.42		
20	QPSK	1	104	21.31	21.43	21.39		
20	QPSK	50	0	20.31	20.40	20.32	22.0	1.0
20	QPSK	50	28	21.26	21.34	21.32	23.0	0.0
20	QPSK	50	56	20.37	20.48	20.42	22.0	1.0
20	QPSK	100	0	20.41	20.46	20.42		
20	16QAM	1	1	20.51	20.62	20.51	22.0	1.0
20	64QAM	1	1	18.99	19.08	19.05	20.5	2.5
20	256QAM	1	1	17.22	17.25	17.16	18.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.51	21.56	21.44	23.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.53	21.51	21.40	23.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.46	21.53	21.35	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				135600	136100	136600		
Frequency (MHz)				678	680.5	683		
30	PI/2 BPSK	1	1	22.94	23.01	22.96	24.0	0.0
30	PI/2 BPSK	1	80	22.72	22.93	22.80		
30	PI/2 BPSK	1	158	22.75	22.92	22.77		
30	PI/2 BPSK	80	0	22.35	22.41	22.29	23.5	0.5
30	PI/2 BPSK	80	40	22.80	22.85	22.77	24.0	0.0
30	PI/2 BPSK	80	80	22.76	22.80	22.71	23.5	0.5
30	PI/2 BPSK	160	0	22.36	22.31	22.37		
30	QPSK	1	1	22.95	23.09	23.04	24.0	0.0
30	QPSK	1	80	22.87	23.00	22.88		
30	QPSK	1	158	22.92	22.95	22.92		
30	QPSK	80	0	21.80	21.93	21.91	23.0	1.0
30	QPSK	80	40	22.80	22.88	22.74	24.0	0.0
30	QPSK	80	80	21.72	21.77	21.67	23.0	1.0
30	QPSK	160	0	21.84	21.86	21.81		
30	16QAM	1	1	22.20	22.32	22.17	23.0	1.0
30	64QAM	1	1	20.58	20.70	20.69	21.5	2.5
30	256QAM	1	1	18.76	18.91	18.87	19.5	4.5
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	22.80	22.96	22.88	24.0	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	22.80	23.02	22.97	24.0	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.88	22.96	22.99	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.85	23.00	22.99	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.87	22.94	22.98	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	17.07	17.24	17.14	18.5	0.0
100	PI/2 BPSK	1	137	17.09	17.20	17.12		
100	PI/2 BPSK	1	271	17.07	17.22	17.12		
100	PI/2 BPSK	135	0	17.07	17.19	17.14	18.5	0.0
100	PI/2 BPSK	135	69	17.05	17.28	17.21	18.5	0.0
100	PI/2 BPSK	135	138	17.11	17.19	17.19	18.5	0.0
100	PI/2 BPSK	270	0	17.13	17.27	17.14		
100	QPSK	1	1	17.27	17.34	17.28	18.5	0.0
100	QPSK	1	137	17.14	17.29	17.22		
100	QPSK	1	271	17.19	17.30	17.28		
100	QPSK	135	0	17.08	17.22	17.20	18.5	0.0
100	QPSK	135	69	17.19	17.30	17.18	18.5	0.0
100	QPSK	135	138	17.11	17.26	17.13	18.5	0.0
100	QPSK	270	0	17.17	17.26	17.20		
100	16QAM	1	1	17.08	17.24	17.13	18.5	0.0
100	64QAM	1	1	17.03	17.20	17.12	18.5	0.0
100	256QAM	1	1	15.93	15.98	15.90	17.5	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.10	17.24	17.11	18.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.11	17.28	17.19	18.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.10	17.25	17.20	18.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.06	17.27	17.14	18.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.07	17.21	17.20	18.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.05	17.24	17.21	18.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.06	17.27	17.18	18.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.13	17.26	17.13	18.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.06	17.20	17.15	18.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.12	17.24	17.14	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.09	20.26	20.15	21.5	0.0
100	PI/2 BPSK	1	137	20.10	20.18	20.07		
100	PI/2 BPSK	1	271	20.04	20.22	20.08		
100	PI/2 BPSK	135	0	20.07	20.22	20.14	21.5	0.0
100	PI/2 BPSK	135	69	20.04	20.25	20.23	21.5	0.0
100	PI/2 BPSK	135	138	20.10	20.22	20.23	21.5	0.0
100	PI/2 BPSK	270	0	20.15	20.30	20.18		
100	QPSK	1	1	20.28	20.45	20.29	21.5	0.0
100	QPSK	1	137	20.16	20.28	20.17		
100	QPSK	1	271	20.23	20.32	20.24		
100	QPSK	135	0	20.11	20.23	20.24	21.5	0.0
100	QPSK	135	69	20.21	20.26	20.20	21.5	0.0
100	QPSK	135	138	20.10	20.25	20.10	21.5	0.0
100	QPSK	270	0	20.12	20.31	20.19		
100	16QAM	1	1	20.08	20.21	20.14	21.5	0.0
100	64QAM	1	1	18.72	18.89	18.84	19.5	2.0
100	256QAM	1	1	16.95	17.13	17.13	17.5	4.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.16	20.17	20.12	21.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.14	20.25	20.15	21.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.19	20.23	20.12	21.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.18	20.19	20.18	21.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.19	20.25	20.10	21.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.18	20.23	20.12	21.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.15	20.22	20.19	21.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.16	20.17	20.10	21.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.14	20.16	20.15	21.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.13	20.18	20.19	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.16		18.5	0.0
100	PI/2 BPSK	1	137		17.14			
100	PI/2 BPSK	1	271		17.17			
100	PI/2 BPSK	135	0		17.14		18.5	0.0
100	PI/2 BPSK	135	69		17.27		18.5	0.0
100	PI/2 BPSK	135	138		17.14		18.5	0.0
100	PI/2 BPSK	270	0		17.16			
100	QPSK	1	1		17.29		18.5	0.0
100	QPSK	1	137		17.27			
100	QPSK	1	271		17.28			
100	QPSK	135	0		17.14		18.5	0.0
100	QPSK	135	69		17.25		18.5	0.0
100	QPSK	135	138		17.24		18.5	0.0
100	QPSK	270	0		17.22			
100	16QAM	1	1		17.20		18.5	0.0
100	64QAM	1	1		17.12		18.5	0.0
100	256QAM	1	1		15.85		17.5	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.06	17.16	17.03	18.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.06	17.21	17.04	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.03	17.15	17.01	18.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.06	17.17	17.03	18.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.05	17.21	17.01	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.05	17.21	17.05	18.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.05	17.13	17.06	18.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.06	17.23	17.05	18.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.01	17.19	17.08	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.03	17.20	17.09	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.20		21.5	0.0
100	PI/2 BPSK	1	137		20.17			
100	PI/2 BPSK	1	271		20.20			
100	PI/2 BPSK	135	0		20.17		21.5	0.0
100	PI/2 BPSK	135	69		20.19		21.5	0.0
100	PI/2 BPSK	135	138		20.12		21.5	0.0
100	PI/2 BPSK	270	0		20.24			
100	QPSK	1	1		20.42		21.5	0.0
100	QPSK	1	137		20.23			
100	QPSK	1	271		20.24			
100	QPSK	135	0		20.14		21.5	0.0
100	QPSK	135	69		20.24		21.5	0.0
100	QPSK	135	138		20.20		21.5	0.0
100	QPSK	270	0		20.26			
100	16QAM	1	1		20.13		21.5	0.0
100	64QAM	1	1		18.82		19.5	2.0
100	256QAM	1	1		16.66		17.5	4.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.09	20.08	20.08	21.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.03		
80	QPSK	1	1	20.10	20.13	20.03	21.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.13	20.16	20.10	21.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.07	20.12	20.04	21.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.08	20.11	20.09	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.11	20.12	20.11	21.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.13	20.10	20.09	21.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.08	20.11	20.10	21.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.09	20.15	20.08	21.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.12	20.11	20.09	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.65	18.71	18.54	19.5	0.0
100	PI/2 BPSK	1	137	18.71	18.82	18.75		
100	PI/2 BPSK	1	271	18.73	18.82	18.69		
100	PI/2 BPSK	135	0	18.58	18.74	18.65	19.5	0.0
100	PI/2 BPSK	135	69	18.69	18.72	18.64	19.5	0.0
100	PI/2 BPSK	135	138	18.63	18.63	18.57	19.5	0.0
100	PI/2 BPSK	270	0	18.70	18.75	18.58		
100	QPSK	1	1	19.01	19.09	18.91	19.5	0.0
100	QPSK	1	137	18.88	18.81	18.80		
100	QPSK	1	271	18.87	18.98	18.82		
100	QPSK	135	0	18.69	18.75	18.60	19.5	0.0
100	QPSK	135	69	18.75	18.81	18.80	19.5	0.0
100	QPSK	135	138	18.63	18.79	18.64	19.5	0.0
100	QPSK	270	0	18.68	18.69	18.60		
100	16QAM	1	1	18.75	18.91	18.75	19.5	0.0
100	64QAM	1	1	18.52	18.10	18.48	19.5	0.0
100	256QAM	1	1	17.09	17.14	17.09	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	18.96	19.04	18.86	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	18.95	18.99	18.87	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.89	18.97	18.80	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	18.98	19.00	18.87	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	18.90	19.04	18.83	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.88	19.06	18.86	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	18.95	18.97	18.88	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	18.93	19.03	18.78	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	18.97	19.01	18.86	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.89	18.97	18.79	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.89	22.00	21.93	22.5	0.0
100	PI/2 BPSK	1	137	21.93	22.00	21.94		
100	PI/2 BPSK	1	271	21.89	21.99	21.93		
100	PI/2 BPSK	135	0	21.95	22.04	21.93	22.5	0.0
100	PI/2 BPSK	135	69	21.91	22.01	21.91	22.5	0.0
100	PI/2 BPSK	135	138	21.76	21.87	21.77	22.5	0.0
100	PI/2 BPSK	270	0	21.95	21.92	21.93		
100	QPSK	1	1	21.97	22.09	21.97	22.5	0.0
100	QPSK	1	137	22.00	22.05	21.94		
100	QPSK	1	271	21.91	22.07	21.79		
100	QPSK	135	0	21.35	21.48	21.38	22.0	0.5
100	QPSK	135	69	21.89	22.00	21.90	22.5	0.0
100	QPSK	135	138	21.43	21.53	21.35	22.0	0.5
100	QPSK	270	0	21.22	21.29	21.11		
100	16QAM	1	1	21.43	21.55	21.30	22.0	0.5
100	64QAM	1	1	19.90	20.06	19.87	20.5	2.0
100	256QAM	1	1	17.94	18.04	17.83	18.5	4.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.93	22.02	21.87	22.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.95	21.98	21.88	22.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.91	22.07	21.87	22.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.96	22.04	21.88	22.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.90	22.08	21.89	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.90	21.99	21.90	22.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.88	22.03	21.94	22.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.91	22.03	21.95	22.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.95	22.01	21.87	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.86	21.99	21.93	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.64		19.5	0.0
100	PI/2 BPSK	1	137		18.72			
100	PI/2 BPSK	1	271		18.77			
100	PI/2 BPSK	135	0		18.63		19.5	0.0
100	PI/2 BPSK	135	69		18.61		19.5	0.0
100	PI/2 BPSK	135	138		18.59		19.5	0.0
100	PI/2 BPSK	270	0		18.71			
100	QPSK	1	1		19.03		19.5	0.0
100	QPSK	1	137		18.72			
100	QPSK	1	271		18.95			
100	QPSK	135	0		18.68		19.5	0.0
100	QPSK	135	69		18.78		19.5	0.0
100	QPSK	135	138		18.67		19.5	0.0
100	QPSK	270	0		18.65			
100	16QAM	1	1		18.88		19.5	0.0
100	64QAM	1	1		18.00		19.5	0.0
100	256QAM	1	1		17.37		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	18.86	18.99	18.81	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	18.92	18.96	18.76	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.83	18.97	18.81	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	18.89	18.99	18.78	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	18.88	18.97	18.80	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.86	18.97	18.80	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	18.93	19.01	18.82	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	18.86	18.95	18.82	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	18.91	18.99	18.79	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.85	18.96	18.76	19.5	0.0

Part27O n78 PC2 Ant7 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.50		22.5	0.0
100	PI/2 BPSK	1	137		21.55			
100	PI/2 BPSK	1	271		21.53			
100	PI/2 BPSK	135	0		21.58		22.5	0.0
100	PI/2 BPSK	135	69		21.53		22.5	0.0
100	PI/2 BPSK	135	138		21.54		22.5	0.0
100	PI/2 BPSK	270	0		21.54			
100	QPSK	1	1		21.62		22.5	0.0
100	QPSK	1	137		21.57			
100	QPSK	1	271		21.63			
100	QPSK	135	0		21.50		22.0	0.5
100	QPSK	135	69		21.54		22.5	0.0
100	QPSK	135	138		20.97		22.0	0.5
100	QPSK	270	0		20.66			
100	16QAM	1	1		20.91		22.0	0.5
100	64QAM	1	1		19.46		20.5	2.0
100	256QAM	1	1		18.07		18.5	4.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.48	21.45	21.39	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.46	21.46	21.40	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.45	21.48	21.37	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.49	21.43	21.37	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.43	21.43	21.41	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.47	21.51	21.39	22.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.43	21.45	21.42	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.43	21.44	21.43	22.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.44	21.51	21.39	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.47	21.45	21.44	22.5	0.0

Part27O n77 Ant11 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.68	20.74	20.73	22.1	0.0
100	PI/2 BPSK	1	137	20.67	20.82	20.70		
100	PI/2 BPSK	1	271	20.68	20.80	20.73		
100	PI/2 BPSK	135	0	20.67	20.78	20.68	22.1	0.0
100	PI/2 BPSK	135	69	20.70	20.80	20.75	22.1	0.0
100	PI/2 BPSK	135	138	20.68	20.79	20.71	22.1	0.0
100	PI/2 BPSK	270	0	20.71	20.82	20.68		
100	QPSK	1	1	20.83	21.06	20.92	22.1	0.0
100	QPSK	1	137	20.66	20.66	20.59		
100	QPSK	1	271	20.77	20.86	20.80		
100	QPSK	135	0	20.68	20.83	20.72	22.1	0.0
100	QPSK	135	69	20.72	20.99	20.80	22.1	0.0
100	QPSK	135	138	20.56	20.59	20.52	22.1	0.0
100	QPSK	270	0	20.65	20.83	20.73		
100	16QAM	1	1	20.68	20.80	20.72	22.1	0.0
100	64QAM	1	1	20.66	20.81	20.74	22.1	0.0
100	256QAM	1	1	20.66	20.73	20.69	22.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.72	20.81	20.74	22.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.68	20.80	20.69	22.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.66	20.80	20.71	22.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.72	20.74	20.72	22.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.67	20.77	20.74	22.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.67	20.75	20.74	22.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.65	20.81	20.72	22.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.72	20.74	20.69	22.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.74	20.76	20.73	22.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.65	20.77	20.70	22.1	0.0

Part27O n77 PC2 Ant11 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.77	23.88	23.83	25.1	0.0
100	PI/2 BPSK	1	137	23.77	23.87	23.78		
100	PI/2 BPSK	1	271	23.73	23.93	23.85		
100	PI/2 BPSK	135	0	23.80	23.87	23.80	25.1	0.0
100	PI/2 BPSK	135	69	23.82	23.92	23.84	25.1	0.0
100	PI/2 BPSK	135	138	23.75	23.91	23.84	25.1	0.0
100	PI/2 BPSK	270	0	23.81	23.87	23.82		
100	QPSK	1	1	23.96	24.21	24.02	25.1	0.0
100	QPSK	1	137	23.71	23.72	23.68		
100	QPSK	1	271	23.88	23.96	23.89		
100	QPSK	135	0	23.81	23.96	23.85	25.1	0.0
100	QPSK	135	69	23.87	24.07	23.89	25.1	0.0
100	QPSK	135	138	23.63	23.65	23.65	25.1	0.0
100	QPSK	270	0	23.76	23.95	23.86		
100	16QAM	1	1	23.79	23.87	23.85	25.1	0.0
100	64QAM	1	1	23.19	23.22	23.14	24.5	0.6
100	256QAM	1	1	21.08	21.20	21.10	22.5	2.6
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.89	24.10	24.01	25.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.91	24.19	23.99	25.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.91	24.13	23.99	25.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.95	24.19	23.96	25.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.89	24.17	23.99	25.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.88	24.12	24.01	25.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.89	24.13	23.96	25.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.88	24.17	23.91	25.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.89	24.17	23.91	25.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.86	24.15	23.95	25.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.69		22.1	0.0
100	PI/2 BPSK	1	137		20.76			
100	PI/2 BPSK	1	271		20.79			
100	PI/2 BPSK	135	0		20.70		22.1	0.0
100	PI/2 BPSK	135	69		20.74		22.1	0.0
100	PI/2 BPSK	135	138		20.76		22.1	0.0
100	PI/2 BPSK	270	0		20.74			
100	QPSK	1	1		21.00		22.1	0.0
100	QPSK	1	137		20.57			
100	QPSK	1	271		20.83			
100	QPSK	135	0		20.78		22.1	0.0
100	QPSK	135	69		20.93		22.1	0.0
100	QPSK	135	138		20.54		22.1	0.0
100	QPSK	270	0		20.72			
100	16QAM	1	1		20.70		22.1	0.0
100	64QAM	1	1		20.19		22.1	0.0
100	256QAM	1	1		20.19		22.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.64	20.78	20.71	22.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.69	20.73	20.64	22.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.67	20.78	20.66	22.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.66	20.76	20.65	22.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.70	20.78	20.72	22.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.67	20.71	20.66	22.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.68	20.77	20.67	22.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.69	20.75	20.65	22.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.63	20.79	20.65	22.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.65	20.79	20.73	22.1	0.0

Part27O n78 PC2 Ant11 DSI 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.82		25.1	0.0
100	PI/2 BPSK	1	137		23.79			
100	PI/2 BPSK	1	271		23.85			
100	PI/2 BPSK	135	0		23.78		25.1	0.0
100	PI/2 BPSK	135	69		23.84		25.1	0.0
100	PI/2 BPSK	135	138		23.88		25.1	0.0
100	PI/2 BPSK	270	0		23.78			
100	QPSK	1	1		24.19		25.1	0.0
100	QPSK	1	137		23.61			
100	QPSK	1	271		23.92			
100	QPSK	135	0		23.90		25.1	0.0
100	QPSK	135	69		23.98		25.1	0.0
100	QPSK	135	138		23.57		25.1	0.0
100	QPSK	270	0		23.89			
100	16QAM	1	1		23.78		25.1	0.0
100	64QAM	1	1		23.25		24.5	0.6
100	256QAM	1	1		21.22		22.5	2.6
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.83	24.00	23.99	25.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.84	24.02	23.98	25.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.79	24.02	23.97	25.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.80	24.07	23.90	25.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.80	24.05	23.94	25.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.80	24.01	23.91	25.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.83	24.01	23.92	25.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.81	24.07	23.93	25.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.83	24.07	23.93	25.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.79	24.09	23.99	25.1	0.0

Reduced Power Mode for DSI7

n5 Ant0 DSI 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		23.14		24.0	0.0
25	PI/2 BPSK	1	67		22.93			
25	PI/2 BPSK	1	131		23.20			
25	PI/2 BPSK	64	0		22.44		23.5	0.5
25	PI/2 BPSK	64	35		22.87		24.0	0.0
25	PI/2 BPSK	64	69		22.45		23.5	0.5
25	PI/2 BPSK	128	0		22.46			
25	QPSK	1	1		23.24		24.0	0.0
25	QPSK	1	67		22.93			
25	QPSK	1	131		23.17			
25	QPSK	64	0		21.99		23.0	1.0
25	QPSK	64	35		22.98		24.0	0.0
25	QPSK	64	69		22.05		23.0	1.0
25	QPSK	128	0		22.00			
25	16QAM	1	1		22.42		23.0	1.0
25	64QAM	1	1		20.88		21.5	2.5
25	256QAM	1	1		18.87		19.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.18	23.13	23.17	0.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.12	23.11	23.15	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.15	23.15	23.19	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	23.13	23.20	23.13	24.0	0.0

n26 Ant0 DSI 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	22.44	22.50	22.34	24.0	0.0
20	PI/2 BPSK	1	53	22.54	22.53	22.46		
20	PI/2 BPSK	1	104	22.46	22.54	22.45		
20	PI/2 BPSK	50	0	21.90	22.05	21.94	23.5	0.5
20	PI/2 BPSK	50	28	22.49	22.54	22.43	24.0	0.0
20	PI/2 BPSK	50	56	22.03	22.10	21.94	23.5	0.5
20	PI/2 BPSK	100	0	21.97	22.09	21.97		
20	QPSK	1	1	22.72	22.91	22.53	24.0	0.0
20	QPSK	1	53	22.49	22.55	22.49		
20	QPSK	1	104	22.47	22.53	22.40		
20	QPSK	50	0	21.30	21.52	21.36	23.0	1.0
20	QPSK	50	28	22.48	22.53	22.37	24.0	0.0
20	QPSK	50	56	21.45	21.53	21.55	23.0	1.0
20	QPSK	100	0	21.49	21.54	21.48		
20	16QAM	1	1	21.47	21.60	21.49	23.0	1.0
20	64QAM	1	1	20.02	20.10	19.95	21.5	2.5
20	256QAM	1	1	18.24	18.22	18.13	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.63	22.86	22.50	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.63	22.78	22.40	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	22.68	22.80	22.48	24.0	0.0

n71 Ant0 DSI 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				135600	136100	136600		
Frequency (MHz)				678	680.5	683		
30	PI/2 BPSK	1	1	23.08	23.13	23.10	24.0	0.0
30	PI/2 BPSK	1	80	22.77	22.83	22.79		
30	PI/2 BPSK	1	158	22.81	22.87	22.86		
30	PI/2 BPSK	80	0	22.37	22.45	22.44	23.5	0.5
30	PI/2 BPSK	80	40	22.86	22.94	22.86	24.0	0.0
30	PI/2 BPSK	80	80	22.83	22.88	22.73	23.5	0.5
30	PI/2 BPSK	160	0	22.33	22.47	22.33		
30	QPSK	1	1	23.14	23.22	23.14	24.0	0.0
30	QPSK	1	80	22.84	22.92	22.77		
30	QPSK	1	158	22.87	22.91	22.85		
30	QPSK	80	0	21.89	21.95	21.95	23.0	1.0
30	QPSK	80	40	22.84	22.90	22.85	24.0	0.0
30	QPSK	80	80	21.89	21.85	21.82	23.0	1.0
30	QPSK	160	0	21.88	21.95	21.82		
30	16QAM	1	1	22.21	22.34	22.17	23.0	1.0
30	64QAM	1	1	20.73	20.86	20.83	21.5	2.5
30	256QAM	1	1	18.79	18.84	18.70	19.5	4.5
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	23.02	23.17	23.06	24.0	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	23.09	23.15	23.09	24.0	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.03	23.13	23.07	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.04	23.12	23.07	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.01	23.18	23.02	24.0	0.0

n7 Ant1 DSI 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.63	21.65	21.57	23.1	0.0
40	PI/2 BPSK	1	108	21.50	21.66	21.46		
40	PI/2 BPSK	1	214	21.56	21.53	21.55		
40	PI/2 BPSK	108	0	21.56	21.71	21.61	23.1	0.0
40	PI/2 BPSK	108	54	21.62	21.65	21.62	23.1	0.0
40	PI/2 BPSK	108	108	21.52	21.59	21.43	23.1	0.0
40	PI/2 BPSK	216	0	21.54	21.55	21.58		
40	QPSK	1	1	21.69	21.75	21.69	23.1	0.0
40	QPSK	1	108	21.61	21.71	21.55		
40	QPSK	1	214	21.60	21.64	21.61		
40	QPSK	108	0	21.59	21.59	21.61	23.0	0.1
40	QPSK	108	54	21.51	21.65	21.51	23.1	0.0
40	QPSK	108	108	21.59	21.58	21.62	23.0	0.1
40	QPSK	216	0	21.53	21.59	21.47		
40	16QAM	1	1	21.51	21.61	21.56	23.0	0.1
40	64QAM	1	1	20.72	20.84	20.81	21.5	1.6
40	256QAM	1	1	18.75	18.87	18.84	19.5	3.6
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.63	21.66	21.64	23.1	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.65	21.64	21.60	23.1	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.63	21.68	21.62	23.1	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.63	21.64	21.60	23.1	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.64	21.71	21.62	23.1	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.63	21.70	21.60	23.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.34	20.49	20.40	21.4	0.0
40	PI/2 BPSK	1	53	20.26	20.43	20.31		
40	PI/2 BPSK	1	104	20.32	20.48	20.35		
40	PI/2 BPSK	50	0	20.29	20.49	20.37	21.4	0.0
40	PI/2 BPSK	50	28	20.38	20.51	20.33	21.4	0.0
40	PI/2 BPSK	50	56	20.33	20.46	20.33	21.4	0.0
40	PI/2 BPSK	100	0	20.27	20.49	20.43		
40	QPSK	1	1	20.41	20.59	20.48	21.4	0.0
40	QPSK	1	53	20.43	20.40	20.46		
40	QPSK	1	104	20.40	20.47	20.39		
40	QPSK	50	0	20.35	20.29	20.37	21.4	0.0
40	QPSK	50	28	20.37	20.50	20.28	21.4	0.0
40	QPSK	50	56	20.31	20.30	20.34	21.4	0.0
40	QPSK	100	0	20.38	20.52	20.38		
40	16QAM	1	1	20.30	20.47	20.30	21.4	0.0
40	64QAM	1	1	20.35	20.49	20.32	21.4	0.0
40	256QAM	1	1	18.63	18.63	18.53	19.5	1.9
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.29	20.47	20.41	21.4	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.37	20.52	20.37	21.4	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.35	20.48	20.45	21.4	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.33	20.50	20.38	21.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.42	20.61	20.45	21.4	0.0
100	PI/2 BPSK	1	137	20.38	20.54	20.43		
100	PI/2 BPSK	1	271	20.43	20.59	20.41		
100	PI/2 BPSK	135	0	20.37	20.61	20.41	21.4	0.0
100	PI/2 BPSK	135	69	20.45	20.59	20.41	21.4	0.0
100	PI/2 BPSK	135	138	20.41	20.57	20.41	21.4	0.0
100	PI/2 BPSK	270	0	20.39	20.53	20.47		
100	QPSK	1	1	20.49	20.65	20.52	21.4	0.0
100	QPSK	1	137	20.49	20.47	20.49		
100	QPSK	1	271	20.48	20.56	20.44		
100	QPSK	135	0	20.40	20.34	20.41	21.4	0.0
100	QPSK	135	69	20.41	20.61	20.40	21.4	0.0
100	QPSK	135	138	20.37	20.35	20.44	21.4	0.0
100	QPSK	270	0	20.41	20.59	20.46		
100	16QAM	1	1	20.41	20.58	20.40	21.4	0.0
100	64QAM	1	1	20.42	20.61	20.45	21.4	0.0
100	256QAM	1	1	18.67	18.69	18.59	19.5	1.9
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.33	20.55	20.38	21.4	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.29	20.49	20.36	21.4	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.37	20.51	20.32	21.4	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.35	20.56	20.38	21.4	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.37	20.57	20.41	21.4	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.39	20.55	20.33	21.4	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.37	20.50	20.42	21.4	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.33	20.54	20.36	21.4	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.38	20.51	20.41	21.4	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.33	20.56	20.35	21.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.46	13.56	13.56	14.1	0.0
100	PI/2 BPSK	1	137	13.50	13.51	13.55		
100	PI/2 BPSK	1	271	13.44	13.58	13.58		
100	PI/2 BPSK	135	0	13.45	13.56	13.59	14.1	0.0
100	PI/2 BPSK	135	69	13.46	13.53	13.60	14.1	0.0
100	PI/2 BPSK	135	138	13.54	13.50	13.53	14.1	0.0
100	PI/2 BPSK	270	0	13.45	13.56	13.61		
100	QPSK	1	1	13.57	13.62	13.52	14.1	0.0
100	QPSK	1	137	13.40	13.53	13.57		
100	QPSK	1	271	13.58	13.60	13.61		
100	QPSK	135	0	13.50	13.57	13.52	14.1	0.0
100	QPSK	135	69	13.51	13.59	13.54	14.1	0.0
100	QPSK	135	138	13.52	13.51	13.58	14.1	0.0
100	QPSK	270	0	13.50	13.53	13.49		
100	16QAM	1	1	13.44	13.58	13.53	14.1	0.0
100	64QAM	1	1	13.54	13.51	13.60	14.1	0.0
100	256QAM	1	1	13.47	13.58	13.56	14.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	13.45	13.50	13.60	14.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	13.44	13.52	13.55	14.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.52	13.59	13.53	14.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	13.49	13.56	13.57	14.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	13.50	13.52	13.57	14.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.47	13.53	13.61	14.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	13.48	13.51	13.54	14.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	13.49	13.59	13.59	14.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	13.49	13.57	13.58	14.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	13.47	13.53	13.54	14.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.42	16.56	16.47	17.1	0.0
100	PI/2 BPSK	1	137	16.42	16.55	16.48		
100	PI/2 BPSK	1	271	16.47	16.59	16.46		
100	PI/2 BPSK	135	0	16.43	16.56	16.46	17.1	0.0
100	PI/2 BPSK	135	69	16.40	16.58	16.48	17.1	0.0
100	PI/2 BPSK	135	138	16.47	16.52	16.46	17.1	0.0
100	PI/2 BPSK	270	0	16.47	16.57	16.50		
100	QPSK	1	1	16.51	16.63	16.54	17.1	0.0
100	QPSK	1	137	16.43	16.38	16.41		
100	QPSK	1	271	16.22	16.29	16.23		
100	QPSK	135	0	16.41	16.52	16.50	17.1	0.0
100	QPSK	135	69	16.43	16.58	16.45	17.1	0.0
100	QPSK	135	138	16.46	16.55	16.48	17.1	0.0
100	QPSK	270	0	16.47	16.55	16.43		
100	16QAM	1	1	16.44	16.51	16.45	17.1	0.0
100	64QAM	1	1	16.46	16.53	16.46	17.1	0.0
100	256QAM	1	1	16.42	16.53	16.47	17.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.39	16.56	16.46	17.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.42	16.52	16.50	17.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.46	16.55	16.41	17.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.39	16.54	16.49	17.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.45	16.51	16.43	17.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.44	16.52	16.42	17.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.41	16.56	16.49	17.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.40	16.59	16.42	17.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.45	16.53	16.51	17.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.47	16.52	16.49	17.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.46		14.1	0.0
100	PI/2 BPSK	1	137		13.44			
100	PI/2 BPSK	1	271		13.46			
100	PI/2 BPSK	135	0		13.52		14.1	0.0
100	PI/2 BPSK	135	69		13.49		14.1	0.0
100	PI/2 BPSK	135	138		13.43		14.1	0.0
100	PI/2 BPSK	270	0		13.46			
100	QPSK	1	1		13.56		14.1	0.0
100	QPSK	1	137		13.48			
100	QPSK	1	271		13.48			
100	QPSK	135	0		13.43		14.1	0.0
100	QPSK	135	69		13.47		14.1	0.0
100	QPSK	135	138		13.39		14.1	0.0
100	QPSK	270	0		13.43			
100	16QAM	1	1		13.49		14.1	0.0
100	64QAM	1	1		13.44		14.1	0.0
100	256QAM	1	1		13.55		14.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.35	13.45	13.47	14.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.38	13.45	13.51	14.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.36	13.42	13.48	14.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.34	13.46	13.52	14.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.35	13.43	13.54	14.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.40	13.40	13.48	14.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.34	13.40	13.48	14.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.40	13.47	13.54	14.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.38	13.38	13.54	14.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.40	13.45	13.52	14.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.45		17.1	0.0
100	PI/2 BPSK	1	137		16.42			
100	PI/2 BPSK	1	271		16.49			
100	PI/2 BPSK	135	0		16.51		17.1	0.0
100	PI/2 BPSK	135	69		16.52		17.1	0.0
100	PI/2 BPSK	135	138		16.41		17.1	0.0
100	PI/2 BPSK	270	0		16.47			
100	QPSK	1	1		16.54		17.1	0.0
100	QPSK	1	137		16.30			
100	QPSK	1	271		16.24			
100	QPSK	135	0		16.41		17.1	0.0
100	QPSK	135	69		16.46		17.1	0.0
100	QPSK	135	138		16.45		17.1	0.0
100	QPSK	270	0		16.42			
100	16QAM	1	1		16.39		17.1	0.0
100	64QAM	1	1		16.47		17.1	0.0
100	256QAM	1	1		16.40		17.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.27	16.44	16.34	17.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.30	16.44	16.42	17.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.34	16.49	16.36	17.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.36	16.53	16.35	17.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.30	16.47	16.38	17.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.30	16.46	16.35	17.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.36	16.47	16.42	17.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.30	16.47	16.35	17.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.27	16.49	16.43	17.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.33	16.45	16.42	17.1	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					167300			
Frequency (MHz)					836.5			
25	PI/2 BPSK	1	1		22.24		24.0	0.0
25	PI/2 BPSK	1	67		22.22			
25	PI/2 BPSK	1	131		22.21			
25	PI/2 BPSK	64	0		21.81		23.5	0.5
25	PI/2 BPSK	64	35		22.15		24.0	0.0
25	PI/2 BPSK	64	69		21.86		23.5	0.5
25	PI/2 BPSK	128	0		21.90			
25	QPSK	1	1		22.46		24.0	0.0
25	QPSK	1	67		22.40			
25	QPSK	1	131		22.41			
25	QPSK	64	0		21.30		23.0	1.0
25	QPSK	64	35		22.15		24.0	0.0
25	QPSK	64	69		21.21		23.0	1.0
25	QPSK	128	0		21.16			
25	16QAM	1	1		21.44		23.0	1.0
25	64QAM	1	1		19.83		21.5	2.5
25	256QAM	1	1		17.75		19.5	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.34	22.27	22.30	0.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.28	22.30	22.29	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.31	22.28	22.30	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	22.36	22.27	22.26	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	15.63	15.63	15.56	16.5	0.0
40	PI/2 BPSK	1	108	15.50	15.55	15.45		
40	PI/2 BPSK	1	214	15.51	15.62	15.47		
40	PI/2 BPSK	108	0	15.50	15.54	15.52	16.5	0.0
40	PI/2 BPSK	108	54	15.64	15.67	15.48	16.5	0.0
40	PI/2 BPSK	108	108	15.50	15.53	15.46	16.5	0.0
40	PI/2 BPSK	216	0	15.48	15.55	15.48		
40	QPSK	1	1	15.67	15.71	15.60	16.5	0.0
40	QPSK	1	108	15.59	15.61	15.51		
40	QPSK	1	214	15.58	15.65	15.55		
40	QPSK	108	0	15.52	15.55	15.44	16.5	0.0
40	QPSK	108	54	15.62	15.63	15.54	16.5	0.0
40	QPSK	108	108	15.55	15.55	15.43	16.5	0.0
40	QPSK	216	0	15.49	15.60	15.50		
40	16QAM	1	1	15.61	15.60	15.51	16.5	0.0
40	64QAM	1	1	15.50	15.51	15.42	16.5	0.0
40	256QAM	1	1	15.48	15.54	15.44	16.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.47	15.55	15.47	16.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.53	15.55	15.44	16.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.45	15.56	15.47	16.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.54	15.61	15.48	16.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.51	15.57	15.48	16.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.53	15.57	15.43	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.36	21.50	21.45	23.0	0.0
20	PI/2 BPSK	1	53	21.28	21.42	21.31		
20	PI/2 BPSK	1	104	21.32	21.35	21.25		
20	PI/2 BPSK	50	0	20.83	20.87	20.77	22.5	0.5
20	PI/2 BPSK	50	28	21.16	21.29	21.22	23.0	0.0
20	PI/2 BPSK	50	56	20.89	20.95	20.84	22.5	0.5
20	PI/2 BPSK	100	0	20.87	20.93	20.79		
20	QPSK	1	1	21.55	21.59	21.49	23.0	0.0
20	QPSK	1	53	21.50	21.52	21.42		
20	QPSK	1	104	21.31	21.43	21.39		
20	QPSK	50	0	20.31	20.40	20.32	22.0	1.0
20	QPSK	50	28	21.26	21.34	21.32	23.0	0.0
20	QPSK	50	56	20.37	20.48	20.42	22.0	1.0
20	QPSK	100	0	20.41	20.46	20.42		
20	16QAM	1	1	20.51	20.62	20.51	22.0	1.0
20	64QAM	1	1	18.99	19.08	19.05	20.5	2.5
20	256QAM	1	1	17.22	17.25	17.16	18.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.51	21.56	21.44	23.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.53	21.51	21.40	23.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.46	21.53	21.35	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				135600	136100	136600		
Frequency (MHz)				678	680.5	683		
30	PI/2 BPSK	1	1	22.94	23.01	22.96	24.0	0.0
30	PI/2 BPSK	1	80	22.72	22.93	22.80		
30	PI/2 BPSK	1	158	22.75	22.92	22.77		
30	PI/2 BPSK	80	0	22.35	22.41	22.29	23.5	0.5
30	PI/2 BPSK	80	40	22.80	22.85	22.77	24.0	0.0
30	PI/2 BPSK	80	80	22.76	22.80	22.71	23.5	0.5
30	PI/2 BPSK	160	0	22.36	22.31	22.37		
30	QPSK	1	1	22.95	23.09	23.04	24.0	0.0
30	QPSK	1	80	22.87	23.00	22.88		
30	QPSK	1	158	22.92	22.95	22.92		
30	QPSK	80	0	21.80	21.93	21.91	23.0	1.0
30	QPSK	80	40	22.80	22.88	22.74	24.0	0.0
30	QPSK	80	80	21.72	21.77	21.67	23.0	1.0
30	QPSK	160	0	21.84	21.86	21.81		
30	16QAM	1	1	22.20	22.32	22.17	23.0	1.0
30	64QAM	1	1	20.58	20.70	20.69	21.5	2.5
30	256QAM	1	1	18.76	18.91	18.87	19.5	4.5
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	22.80	22.96	22.88	24.0	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	22.80	23.02	22.97	24.0	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.88	22.96	22.99	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.85	23.00	22.99	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.87	22.94	22.98	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	13.25	13.29	13.19	15.1	0.0
100	PI/2 BPSK	1	137	13.21	13.24	13.25		
100	PI/2 BPSK	1	271	13.18	13.27	13.20		
100	PI/2 BPSK	135	0	13.19	13.19	13.21	15.1	0.0
100	PI/2 BPSK	135	69	13.18	13.16	13.12	15.1	0.0
100	PI/2 BPSK	135	138	13.20	13.16	13.13	15.1	0.0
100	PI/2 BPSK	270	0	13.13	13.12	13.14		
100	QPSK	1	1	13.27	13.35	13.32	15.1	0.0
100	QPSK	1	137	13.16	13.31	13.13		
100	QPSK	1	271	13.18	13.30	13.21		
100	QPSK	135	0	13.17	13.13	13.17	15.1	0.0
100	QPSK	135	69	13.11	13.22	13.14	15.1	0.0
100	QPSK	135	138	13.19	13.19	13.16	15.1	0.0
100	QPSK	270	0	13.12	13.15	13.14		
100	16QAM	1	1	13.12	13.11	13.12	15.1	0.0
100	64QAM	1	1	13.14	13.21	13.12	15.1	0.0
100	256QAM	1	1	13.12	13.20	13.14	15.1	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	13.22	13.20	15.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	13.14	13.14	13.20	15.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.13	13.21	13.12	15.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	13.19	13.22	13.11	15.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	13.13	13.22	13.11	15.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.19	13.21	13.11	15.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	13.19	13.23	13.13	15.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	13.16	13.17	13.14	15.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	13.14	13.19	13.11	15.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	13.13	13.20	13.11	15.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.14	16.29	16.24	18.1	0.0
100	PI/2 BPSK	1	137	16.25	16.22	16.20		
100	PI/2 BPSK	1	271	16.21	16.13	16.19		
100	PI/2 BPSK	135	0	16.18	16.31	16.21	18.1	0.0
100	PI/2 BPSK	135	69	16.25	16.23	16.14	18.1	0.0
100	PI/2 BPSK	135	138	16.26	16.17	16.18	18.1	0.0
100	PI/2 BPSK	270	0	16.26	16.21	16.22		
100	QPSK	1	1	16.21	16.40	16.29	18.1	0.0
100	QPSK	1	137	16.18	16.21	16.12		
100	QPSK	1	271	16.24	16.26	16.12		
100	QPSK	135	0	16.19	16.14	16.20	18.1	0.0
100	QPSK	135	69	16.28	16.33	16.23	18.1	0.0
100	QPSK	135	138	16.20	16.26	16.24	18.1	0.0
100	QPSK	270	0	16.19	16.25	16.23		
100	16QAM	1	1	16.28	16.28	16.19	18.1	0.0
100	64QAM	1	1	16.25	16.21	16.22	18.1	0.0
100	256QAM	1	1	16.20	16.15	16.21	18.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.22	16.26	16.28	18.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.24	16.24	16.23	18.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.18	16.21	16.27	18.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.19	16.27	16.21	18.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.15	16.23	16.24	18.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.21	16.19	16.18	18.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.23	16.20	16.23	18.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.21	16.20	16.24	18.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.25	16.20	16.25	18.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.24	16.24	16.26	18.1	0.0

Part27O n78 Ant5 DSI 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		13.21		15.1	0.0
100	PI/2 BPSK	1	137		13.11			
100	PI/2 BPSK	1	271		13.22			
100	PI/2 BPSK	135	0		13.15		15.1	0.0
100	PI/2 BPSK	135	69		13.12		15.1	0.0
100	PI/2 BPSK	135	138		13.11		15.1	0.0
100	PI/2 BPSK	270	0		13.16			
100	QPSK	1	1		13.27		15.1	0.0
100	QPSK	1	137		13.24			
100	QPSK	1	271		13.21			
100	QPSK	135	0		13.16		15.1	0.0
100	QPSK	135	69		13.19		15.1	0.0
100	QPSK	135	138		13.12		15.1	0.0
100	QPSK	270	0		13.11			
100	16QAM	1	1		13.19		15.1	0.0
100	64QAM	1	1		13.14		15.1	0.0
100	256QAM	1	1		13.16		15.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.14	13.18	13.12	15.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.18	13.14	13.11	15.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.15	13.19	13.16	15.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.11	13.12	13.14	15.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.21	13.19	13.17	15.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.14	13.15	13.12	15.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.11	13.19	13.15	15.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.17	13.13	13.17	15.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.19	13.14	13.16	15.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.18	13.17	13.19	15.1	0.0

Part27O n78 PC2 Ant5 DSI 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.25		18.1	0.0
100	PI/2 BPSK	1	137		16.17			
100	PI/2 BPSK	1	271		16.25			
100	PI/2 BPSK	135	0		16.27		18.1	0.0
100	PI/2 BPSK	135	69		16.13		18.1	0.0
100	PI/2 BPSK	135	138		16.18		18.1	0.0
100	PI/2 BPSK	270	0		16.11			
100	QPSK	1	1		16.28		18.1	0.0
100	QPSK	1	137		16.13			
100	QPSK	1	271		16.13			
100	QPSK	135	0		16.16		18.1	0.0
100	QPSK	135	69		16.25		18.1	0.0
100	QPSK	135	138		16.19		18.1	0.0
100	QPSK	270	0		16.16			
100	16QAM	1	1		16.18		18.1	0.0
100	64QAM	1	1		16.16		18.1	0.0
100	256QAM	1	1		16.18		18.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.12	16.22	16.18	18.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.14	16.22	16.16	18.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.11	16.20	16.16	18.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.22	16.17	16.19	18.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.11	16.20	16.17	18.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.16	16.13	16.18	18.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.18	16.18	16.23	18.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.13	16.18	16.19	18.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.17	16.19	16.24	18.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.14	16.19	16.20	18.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.77	12.84	12.75	14.2	0.0
100	PI/2 BPSK	1	137	12.78	12.80	12.82		
100	PI/2 BPSK	1	271	12.80	12.86	12.80		
100	PI/2 BPSK	135	0	12.71	12.89	12.70	14.2	0.0
100	PI/2 BPSK	135	69	12.77	12.83	12.80	14.2	0.0
100	PI/2 BPSK	135	138	12.77	12.83	12.82	14.2	0.0
100	PI/2 BPSK	270	0	12.81	12.77	12.81		
100	QPSK	1	1	12.82	12.95	12.79	14.2	0.0
100	QPSK	1	137	12.88	12.89	12.87		
100	QPSK	1	271	12.89	12.92	12.86		
100	QPSK	135	0	12.84	12.88	12.80	14.2	0.0
100	QPSK	135	69	12.72	12.89	12.75	14.2	0.0
100	QPSK	135	138	12.77	12.79	12.78	14.2	0.0
100	QPSK	270	0	12.82	12.87	12.78		
100	16QAM	1	1	12.82	12.86	12.76	14.2	0.0
100	64QAM	1	1	12.81	12.77	12.80	14.2	0.0
100	256QAM	1	1	12.83	12.79	12.84	14.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	12.78	12.79	12.81	14.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	12.83	12.82	12.82	14.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.80	12.82	12.75	14.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	12.77	12.77	12.78	14.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	12.82	12.83	12.75	14.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.84	12.78	12.81	14.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	12.76	12.80	12.80	14.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	12.80	12.77	12.79	14.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	12.79	12.78	12.81	14.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	12.75	12.78	12.79	14.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.73	15.81	15.73	17.2	0.0
100	PI/2 BPSK	1	137	15.75	15.84	15.79		
100	PI/2 BPSK	1	271	15.82	15.87	15.81		
100	PI/2 BPSK	135	0	15.72	15.93	15.66	17.2	0.0
100	PI/2 BPSK	135	69	15.76	15.87	15.75	17.2	0.0
100	PI/2 BPSK	135	138	15.81	15.79	15.80	17.2	0.0
100	PI/2 BPSK	270	0	15.84	15.81	15.84		
100	QPSK	1	1	15.79	15.99	15.77	17.2	0.0
100	QPSK	1	137	15.86	15.89	15.84		
100	QPSK	1	271	15.84	15.92	15.89		
100	QPSK	135	0	15.84	15.81	15.82	17.2	0.0
100	QPSK	135	69	15.70	15.85	15.72	17.2	0.0
100	QPSK	135	138	15.74	15.81	15.76	17.2	0.0
100	QPSK	270	0	15.78	15.84	15.81		
100	16QAM	1	1	15.81	15.85	15.80	17.2	0.0
100	64QAM	1	1	15.84	15.81	15.79	17.2	0.0
100	256QAM	1	1	15.87	15.79	15.83	17.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.67	15.95	15.65	17.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.72	15.93	15.64	17.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.66	15.93	15.69	17.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.74	15.92	15.65	17.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.69	15.94	15.69	17.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.72	15.89	15.72	17.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.72	15.92	15.72	17.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.76	15.96	15.65	17.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.73	15.91	15.65	17.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.67	15.90	15.65	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		12.71		14.2	0.0
100	PI/2 BPSK	1	137		12.71			
100	PI/2 BPSK	1	271		12.76			
100	PI/2 BPSK	135	0		12.81		14.2	0.0
100	PI/2 BPSK	135	69		12.77		14.2	0.0
100	PI/2 BPSK	135	138		12.71		14.2	0.0
100	PI/2 BPSK	270	0		12.67			
100	QPSK	1	1		12.91		14.2	0.0
100	QPSK	1	137		12.81			
100	QPSK	1	271		12.81			
100	QPSK	135	0		12.75		14.2	0.0
100	QPSK	135	69		12.78		14.2	0.0
100	QPSK	135	138		12.68		14.2	0.0
100	QPSK	270	0		12.79			
100	16QAM	1	1		12.76		14.2	0.0
100	64QAM	1	1		12.70		14.2	0.0
100	256QAM	1	1		12.69		14.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	12.66	12.72	12.69	14.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	12.71	12.75	12.71	14.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	12.73	12.68	12.77	14.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	12.74	12.68	12.76	14.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	12.73	12.75	12.75	14.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	12.72	12.75	12.72	14.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	12.66	12.68	12.78	14.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	12.72	12.75	12.69	14.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	12.74	12.73	12.68	14.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	12.69	12.67	12.70	14.2	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		15.70		17.2	0.0
100	PI/2 BPSK	1	137		15.73			
100	PI/2 BPSK	1	271		15.75			
100	PI/2 BPSK	135	0		15.81		17.2	0.0
100	PI/2 BPSK	135	69		15.76		17.2	0.0
100	PI/2 BPSK	135	138		15.75		17.2	0.0
100	PI/2 BPSK	270	0		15.71			
100	QPSK	1	1		15.94		17.2	0.0
100	QPSK	1	137		15.82			
100	QPSK	1	271		15.81			
100	QPSK	135	0		15.74		17.2	0.0
100	QPSK	135	69		15.80		17.2	0.0
100	QPSK	135	138		15.72		17.2	0.0
100	QPSK	270	0		15.79			
100	16QAM	1	1		15.77		17.2	0.0
100	64QAM	1	1		15.71		17.2	0.0
100	256QAM	1	1		15.72		17.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.62	15.86	15.55	17.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.03		
80	QPSK	1	1	15.59	15.88	15.52	17.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.61	15.84	15.60	17.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.60	15.86	15.58	17.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.58	15.83	15.59	17.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.58	15.88	15.58	17.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.56	15.87	15.59	17.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.63	15.92	15.54	17.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.61	15.83	15.60	17.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.55	15.88	15.58	17.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.34	18.42	18.35	19.5	0.0
100	PI/2 BPSK	1	137	18.53	18.59	18.43		
100	PI/2 BPSK	1	271	18.59	18.59	18.58		
100	PI/2 BPSK	135	0	18.34	18.36	18.32	19.5	0.0
100	PI/2 BPSK	135	69	18.36	18.48	18.41	19.5	0.0
100	PI/2 BPSK	135	138	18.40	18.50	18.37	19.5	0.0
100	PI/2 BPSK	270	0	18.46	18.56	18.48		
100	QPSK	1	1	18.58	18.61	18.55	19.5	0.0
100	QPSK	1	137	18.38	18.45	18.43		
100	QPSK	1	271	18.48	18.52	18.58		
100	QPSK	135	0	18.31	18.39	18.31	19.5	0.0
100	QPSK	135	69	18.43	18.53	18.45	19.5	0.0
100	QPSK	135	138	18.38	18.52	18.43	19.5	0.0
100	QPSK	270	0	18.47	18.54	18.50		
100	16QAM	1	1	18.46	18.57	18.45	19.5	0.0
100	64QAM	1	1	18.44	18.49	18.45	19.5	0.0
100	256QAM	1	1	18.46	18.55	18.44	19.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.46	18.50	18.49	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	18.48	18.49	18.44	19.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.49	18.56	18.42	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	18.47	18.50	18.45	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	18.53	18.51	19.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.50	18.56	18.45	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	18.50	18.54	18.47	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	18.45	18.49	18.47	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	18.54	18.58	18.44	19.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.46	18.55	18.51	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.41	21.57	21.44	22.5	0.0
100	PI/2 BPSK	1	137	21.59	21.64	21.51		
100	PI/2 BPSK	1	271	21.68	21.73	21.64		
100	PI/2 BPSK	135	0	21.47	21.47	21.45	22.5	0.0
100	PI/2 BPSK	135	69	21.42	21.55	21.56	22.5	0.0
100	PI/2 BPSK	135	138	21.52	21.63	21.44	22.5	0.0
100	PI/2 BPSK	270	0	21.57	21.66	21.54		
100	QPSK	1	1	21.72	21.79	21.68	22.5	0.0
100	QPSK	1	137	21.49	21.60	21.50		
100	QPSK	1	271	21.61	21.59	21.73		
100	QPSK	135	0	21.40	21.46	21.44	22.5	0.0
100	QPSK	135	69	21.49	21.71	21.55	22.5	0.0
100	QPSK	135	138	21.52	21.66	21.51	22.5	0.0
100	QPSK	270	0	21.52	21.68	21.60		
100	16QAM	1	1	21.52	21.69	21.60	22.5	0.0
100	64QAM	1	1	21.49	21.56	21.53	22.5	0.0
100	256QAM	1	1	21.52	21.62	21.56	22.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.63	21.70	21.64	22.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.59	21.72	21.56	22.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.62	21.73	21.56	22.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.62	21.75	21.64	22.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.66	21.71	21.60	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.63	21.74	21.58	22.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.63	21.67	21.58	22.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.67	21.66	21.61	22.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.61	21.72	21.61	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.67	21.66	21.58	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.32		19.5	0.0
100	PI/2 BPSK	1	137		18.50			
100	PI/2 BPSK	1	271		18.50			
100	PI/2 BPSK	135	0		18.29		19.5	0.0
100	PI/2 BPSK	135	69		18.37		19.5	0.0
100	PI/2 BPSK	135	138		18.39		19.5	0.0
100	PI/2 BPSK	270	0		18.47			
100	QPSK	1	1		18.53		19.5	0.0
100	QPSK	1	137		18.40			
100	QPSK	1	271		18.49			
100	QPSK	135	0		18.29		19.5	0.0
100	QPSK	135	69		18.49		19.5	0.0
100	QPSK	135	138		18.45		19.5	0.0
100	QPSK	270	0		18.48			
100	16QAM	1	1		18.51		19.5	0.0
100	64QAM	1	1		18.44		19.5	0.0
100	256QAM	1	1		18.47		19.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.40	18.47	18.45	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	18.34	18.46	18.45	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.40	18.40	18.36	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	18.36	18.41	18.38	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	18.34	18.40	18.40	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.34	18.45	18.37	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	18.39	18.47	18.38	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	18.37	18.39	18.43	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	18.41	18.39	18.41	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.35	18.38	18.39	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		21.46		22.5	0.0
100	PI/2 BPSK	1	137		21.56			
100	PI/2 BPSK	1	271		21.62			
100	PI/2 BPSK	135	0		21.40		22.5	0.0
100	PI/2 BPSK	135	69		21.47		22.5	0.0
100	PI/2 BPSK	135	138		21.57		22.5	0.0
100	PI/2 BPSK	270	0		21.57			
100	QPSK	1	1		21.67		22.5	0.0
100	QPSK	1	137		21.56			
100	QPSK	1	271		21.47			
100	QPSK	135	0		21.34		22.5	0.0
100	QPSK	135	69		21.62		22.5	0.0
100	QPSK	135	138		21.60		22.5	0.0
100	QPSK	270	0		21.58			
100	16QAM	1	1		21.59		22.5	0.0
100	64QAM	1	1		21.45		22.5	0.0
100	256QAM	1	1		21.49		22.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.50	21.58	21.52	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.03		
80	QPSK	1	1	21.56	21.63	21.57	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.56	21.63	21.59	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.51	21.64	21.54	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.56	21.61	21.60	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.53	21.61	21.60	22.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.54	21.57	21.55	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.51	21.63	21.53	22.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.52	21.67	21.61	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.53	21.61	21.54	22.5	0.0

WLAN&Bluetooth Power

<2.4GHz WLAN>

Ant 6				Full Power&Extremity Standalone		Head Standalone		Head Simultaneous		Bodyworn Standalone		Bodyworn Simultaneous		Hotspot 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 %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.36	19.00	16.33	18.00	13.34	15.00	17.36	19.00	14.35	16.00	15.27	17.00	98.62
		6	2437	19.44	21.00	16.43	18.00	13.41	15.00	17.41	19.00	14.40	16.00	15.31	17.00	
		11	2462	18.97	20.50	16.38	18.00	13.35	15.00	17.39	19.00	14.36	16.00	15.26	17.00	
	802.11g 6Mbps	1	2412	15.51	17.00	Not Required	17.00	Not Required	15.00	Not Required	17.00	Not Required	16.00	Not Required	17.00	99.03
		2	2417	17.53	19.50		18.00		15.00		19.00		16.00		17.00	
		6	2437	18.76	20.50		18.00		15.00		19.00		16.00		17.00	
		11	2462	17.07	18.50		18.00		15.00		18.50		16.00		17.00	
	802.11n-HT20 MCS0	1	2412	16.00	17.50		17.50		15.00		17.50		16.00		17.00	98.15
		6	2437	18.57	20.00		18.00		15.00		19.00		16.00		17.00	
		11	2462	16.41	18.00		18.00		15.00		18.00		16.00		17.00	
	802.11n-HT40 MCS0	3	2422	12.62	14.00	12.62	14.00		14.00	12.62	14.00		14.00		14.00	94.91
		4	2427	15.64	17.00	15.64	17.00		15.00	15.64	17.00		16.00		17.00	
		6	2437	17.28	19.00	16.31	18.00		15.00	17.28	19.00		16.00		17.00	
		9	2452	15.90	17.50	15.90	17.50		15.00	15.90	17.50		16.00		17.00	

<5.2GHz WLAN>

Ant 5				Full Power&Extremity Standalone		Head Standalone		Head Simultaneous		Bodyworn Standalone&Extremity Simultaneous		Bodyworn 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	17.50	19.50	16.51	18.50	Not Required	16.00	Not Required	17.00	Not Required	15.00	Not Required	16.50	98.62
		40	5200	17.54	19.50	16.52	18.50		16.00		17.00		15.00		16.50	
		44	5220	17.60	19.50	16.59	18.50		16.00		17.00		15.00		16.50	
		48	5240	17.84	19.50	16.82	18.50		16.00		17.00		15.00		16.50	
	802.11n-HT20 MCS0	36	5180	16.35	18.00	Not Required	18.00		16.00		17.00		15.00		16.50	97.79
		40	5200	17.82	19.50		18.50		16.00		17.00		15.00		16.50	
		44	5220	17.96	19.50		18.50		16.00		17.00		15.00		16.50	
		48	5240	18.07	20.00		18.50		16.00		17.00		15.00		16.50	
	802.11n-HT40 MCS0	38	5190	11.43	13.00		13.00	11.43	13.00	11.43	13.00	11.43	13.00	11.43	13.00	96.32
		46	5230	16.14	17.50		17.50	14.65	16.00	15.63	17.00	13.15	15.00	15.11	16.50	
	802.11ac-VHT20 MCS0	36	5180	16.53	18.00		18.00	Not Required	16.00	Not Required	17.00	Not Required	15.00	Not Required	16.50	98.52
		40	5200	17.88	19.50		18.50		16.00		17.00		15.00		16.50	
		44	5220	18.01	20.00		18.50		16.00		17.00		15.00		16.50	
		48	5240	18.13	20.00		18.50		16.00		17.00		15.00		16.50	
	802.11ac-VHT40 MCS0	38	5190	11.66	13.50		13.50		13.50		13.50		13.50		13.50	96.35
		46	5230	16.21	17.50		17.50		16.00		17.00		15.00		16.50	
	802.11ac-VHT80 MCS0	42	5210	10.61	12.00		12.00		12.00		12.00		12.00		12.00	93.06

<5.3GHz WLAN>

Ant 5				Full Power&Extremity Standalone		Head Standalone		Head Simultaneous		Bodyworn Standalone		Bodyworn Simultaneous		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 %
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.57	19.50	16.56	18.50	Not Required	16.50	Not Required	17.00	Not Required	15.00	Not Required	17.50	98.62
		56	5280	17.66	19.50	16.68	18.50		16.50		17.00		15.00		17.50	
		60	5300	17.54	19.50	16.51	18.50		16.50		17.00		15.00		17.50	
		64	5320	17.22	19.00	16.25	18.00		16.50		17.00		15.00		17.50	
	802.11n-HT20 MCS0	52	5260	18.03	20.00	Not Required	18.50		16.50		17.00		15.00		17.50	97.79
		56	5280	17.96	19.50		18.50		16.50		17.00		15.00		17.50	
		60	5300	17.90	19.50		18.50		16.50		17.00		15.00		17.50	
		64	5320	17.72	19.50		18.50		16.50		17.00		15.00		17.50	
	802.11n-HT40 MCS0	54	5270	16.20	17.50		17.50	14.65	16.50	15.61	17.00	13.32	15.00	16.20	17.50	96.32
		62	5310	14.62	16.50		16.50	14.62	16.50	14.62	16.50	13.26	15.00	14.62	16.50	
	802.11ac-VHT20 MCS0	52	5260	18.06	19.50		18.50	Not Required	16.50	Not Required	17.00	Not Required	15.00	Not Required	17.50	98.52
		56	5280	18.00	19.50		18.50		16.50		17.00		15.00		17.50	
		60	5300	17.91	19.50		18.50		16.50		17.00		15.00		17.50	
		64	5320	17.73	19.00		18.50		16.50		17.00		15.00		17.50	
	802.11ac-VHT40 MCS0	54	5270	16.27	18.00		18.00		16.50		17.00		15.00		17.50	96.35
		62	5310	14.73	16.50		16.50		16.50		16.50		15.00		16.50	
	802.11ac-VHT80 MCS0	58	5290	12.97	14.50		14.50		14.50		14.50		14.50		14.50	93.06

<5.5GHz WLAN>

Ant 5				Full Power		Head Standalone		Head Simultaneous		Bodyworn Standalone		Bodyworn 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	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	17.94	19.50	Not Required	15.00	Not Required	13.00	Not Required	14.50	Not Required	12.00	Not Required	17.00	Not Required	13.50	98.62
		116	5580	17.51	19.50		15.00		13.00		14.50		12.00		17.00		13.50	
		124	5620	17.23	19.00		15.00		13.00		14.50		12.00		17.00		13.50	
		132	5660	17.04	19.00		15.00		13.00		14.50		12.00		17.00		13.50	
		140	5700	15.76	17.50		15.00		13.00		14.50		12.00		17.00		13.50	
		144	5720	17.71	19.50		15.00		13.00		14.50		12.00		17.00		13.50	
	802.11n-HT20 MCS0	100	5500	18.64	20.00		15.00		13.00		14.50		12.00		17.00		13.50	97.79
		116	5580	17.91	19.50		15.00		13.00		14.50		12.00		17.00		13.50	
		124	5620	17.49	19.00		15.00		13.00		14.50		12.00		17.00		13.50	
		132	5660	17.31	19.00		15.00		13.00		14.50		12.00		17.00		13.50	
		140	5700	15.15	16.50		15.00		13.00		14.50		12.00		17.00		13.50	
		144	5720	17.42	19.00		15.00		13.00		14.50		12.00		16.50		13.50	
	802.11n-HT40 MCS0	102	5510	14.03	15.50		15.00		13.00		14.50		12.00	14.03	15.50		13.50	96.32
		110	5550	15.95	17.50		15.00		13.00		14.50		12.00	15.95	17.50		13.50	
		126	5630	15.44	17.00		15.00		13.00		14.50		12.00	15.44	17.00		13.50	
		134	5670	15.51	17.00		15.00		13.00		14.50		12.00	15.51	17.00		13.50	
		142	5710	15.72	17.50		15.00		13.00		14.50		12.00	15.72	17.50		13.50	
	802.11ac-VHT20 MCS0	100	5500	18.70	20.00		15.00		13.00		14.50		12.00	Not Required	17.00		13.50	98.52
		116	5580	18.11	19.50		15.00		13.00		14.50		12.00		17.00		13.50	
		124	5620	17.58	19.00		15.00		13.00		14.50		12.00		17.00		13.50	
		132	5660	17.33	19.00		15.00		13.00		14.50		12.00		17.00		13.50	
		140	5700	15.21	17.00		15.00		13.00		14.50		12.00		17.00		13.50	
		144	5720	17.46	19.00		15.00		13.00		14.50		12.00		17.00		13.50	
	802.11ac-VHT40 MCS0	102	5510	14.11	15.50		15.00		13.00		14.50		12.00		15.50		13.50	96.35
		110	5550	15.97	17.50		15.00		13.00		14.50		12.00		17.00		13.50	
		126	5630	15.51	17.00		15.00		13.00		14.50		12.00		17.00		13.50	
		134	5670	15.58	17.00		15.00		13.00		14.50		12.00		17.00		13.50	
		142	5710	15.78	17.50		15.00		13.00		14.50		12.00		17.00		13.50	
	802.11ac-VHT80 MCS0	106	5530	11.45	13.00	11.45	13.00	11.45	13.00	11.45	13.00	10.56	12.00		13.00	11.45	13.00	93.06
		122	5610	15.53	17.50	13.55	15.00	11.49	13.00	12.76	14.50	10.62	12.00		17.00	11.81	13.50	
		138	5690	15.33	17.00	13.49	15.00	11.48	13.00	12.71	14.50	10.59	12.00		17.00	11.75	13.50	

Ant 5				Full Power&Extremity Standalone		Head Standalone		Head Simultaneous		Bodyworn Standalone		Bodyworn Simultaneous&Hotspot		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 %
5.8GHz WLAN	802.11a 6Mbps	149	5745	17.63	19.50	16.11	18.00	Not Required	16.00	Not Required	16.50	Not Required	14.00	Not Required	17.50	98.62
		157	5785	17.77	19.50	16.27	18.00		16.00		16.50		14.00		17.50	
		165	5825	17.94	19.50	16.46	18.00		16.00		16.50		14.00		17.50	
	802.11n-HT20 MCS0	149	5745	17.28	19.00	Not Required	17.50		16.00		16.50		14.00		17.50	97.79
		157	5785	17.53	19.00		17.50		16.00		16.50		14.00		17.50	
		165	5825	17.61	19.00		17.50		16.00		16.50		14.00		17.50	
	802.11n-HT40 MCS0	151	5755	15.56	17.50		17.00		16.00		16.50		14.00	15.56	17.50	96.32
		159	5795	15.73	17.50		17.00		16.00		16.50		14.00	15.73	17.50	
	802.11ac-VHT20 MCS0	149	5745	17.34	19.00		17.50		16.00		16.50		14.00	Not Required	17.50	98.52
		157	5785	17.60	19.00		17.50		16.00		16.50		14.00		17.50	
		165	5825	17.73	19.00		17.50		16.00		16.50		14.00		17.50	
	802.11ac-VHT40 MCS0	151	5755	15.62	17.50		17.50		16.00		16.50		14.00		17.50	96.35
		159	5795	15.81	17.50		17.50		16.00		16.50		14.00		17.50	
	802.11ac-VHT80 MCS0	155	5775	15.47	17.00		17.00	14.48	16.00	14.95	16.50	12.49	14.00		17.00	93.06

Ant 8				Full Power&Extremity Standalone		Head Standalone		Head Simultaneous		Bodyworn Standalone		Bodyworn Simultaneous		Hotspot 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 %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.18	19.00	16.12	18.00	13.11	15.00	17.18	19.00	14.19	16.00	15.22	17.00	98.62
		6	2437	19.18	21.00	16.22	18.00	13.23	15.00	17.23	19.00	14.22	16.00	15.27	17.00	
		11	2462	18.79	20.50	16.15	18.00	13.12	15.00	17.21	19.00	14.21	16.00	15.25	17.00	
	802.11g 6Mbps	1	2412	15.56	17.00	Not Required	17.00	Not Required	15.00	Not Required	17.00	Not Required	16.00	Not Required	17.00	99.03
		2	2417	17.94	19.50		18.00		15.00		19.00		16.00		17.00	
		6	2437	18.68	20.50		18.00		15.00		19.00		16.00		17.00	
		11	2462	16.82	18.50		18.00		15.00		18.50		16.00		17.00	
	802.11n-HT20 MCS0	1	2412	16.03	17.50		17.50		15.00		17.50		16.00		17.00	98.15
		6	2437	18.62	20.00		18.00		15.00		19.00		16.00		17.00	
		11	2462	16.29	18.00		18.00		15.00		18.00		16.00		17.00	
	802.11n-HT40 MCS0	3	2422	12.55	14.00	12.55	14.00		14.00	12.55	14.00		14.00		14.00	94.91
		4	2427	15.34	17.00	15.34	17.00		15.00	15.34	17.00		16.00		17.00	
		6	2437	17.21	19.00	16.25	18.00		15.00	17.21	19.00		16.00		17.00	
		9	2452	15.95	17.50	15.95	17.50		15.00	15.95	17.50		16.00		17.00	

Ant 8				Full Power&Extremity Standalone		Head Standalone		Head Simultaneous		Bodyworn Standalone&Extremity Simultaneous		Bodyworn 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	17.86	19.50	16.79	18.50	Not Required	16.00	Not Required	17.00	Not Required	15.00	Not Required	16.50	98.62
		40	5200	17.67	19.50	16.62	18.50		16.00		17.00		15.00		16.50	
		44	5220	17.78	19.50	16.75	18.50		16.00		17.00		15.00		16.50	
		48	5240	17.70	19.50	16.66	18.50		16.00		17.00		15.00		16.50	
	802.11n-HT20 MCS0	36	5180	16.50	18.00	Not Required	18.00		16.00		17.00		15.00		16.50	97.79
		40	5200	18.09	20.00		18.50		16.00		17.00		15.00		16.50	
		44	5220	18.11	20.00		18.50		16.00		17.00		15.00		16.50	
		48	5240	18.03	20.00		18.50		16.00		17.00		15.00		16.50	
	802.11n-HT40 MCS0	38	5190	11.54	13.00		13.00	11.54	13.00	11.54	13.00	11.54	13.00	11.54	13.00	96.32
		46	5230	15.95	17.50		17.50	14.47	16.00	15.49	17.00	13.11	15.00	15.05	16.50	
	802.11ac-VHT20 MCS0	36	5180	16.72	18.00		18.00	Not Required	16.00	Not Required	17.00	Not Required	15.00	Not Required	16.50	98.52
		40	5200	18.07	20.00		18.50		16.00		17.00		15.00		16.50	
		44	5220	18.09	20.00		18.50		16.00		17.00		15.00		16.50	
		48	5240	18.04	20.00		18.50		16.00		17.00		15.00		16.50	
	802.11ac-VHT40 MCS0	38	5190	11.61	13.50		13.50		13.50		13.50		13.50		13.50	96.35
		46	5230	16.04	17.50		17.50		16.00		17.00		15.00		16.50	
	802.11ac-VHT80 MCS0	42	5210	10.33	12.00		12.00		12.00		12.00		12.00		12.00	93.06

Ant 8				Full Power&Extremity Standalone		Head Standalone		Head Simultaneous		Bodyworn Standalone		Bodyworn Simultaneous		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 %
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.69	19.50	16.68	18.50	Not Required	16.50	Not Required	17.00	Not Required	15.00	Not Required	17.50	98.62
		56	5280	17.91	19.50	16.88	18.50		16.50		17.00		15.00		17.50	
		60	5300	18.07	19.50	17.05	18.50		16.50		17.00		15.00		17.50	
		64	5320	17.87	19.50	16.84	18.50		16.50		17.00		15.00		17.50	
	802.11n-HT20 MCS0	52	5260	18.20	20.00	Not Required	18.50		16.50		17.00		15.00		17.50	97.79
		56	5280	18.31	20.00		18.50		16.50		17.00		15.00		17.50	
		60	5300	18.40	20.00		18.50		16.50		17.00		15.00		17.50	
		64	5320	18.14	20.00		18.50		16.50		17.00		15.00		17.50	
	802.11n-HT40 MCS0	54	5270	16.06	17.50		17.50	14.72	16.50	15.63	17.00	13.18	15.00	16.06	17.50	96.32
		62	5310	14.70	16.50		16.50	14.70	16.50	14.70	16.50	13.16	15.00	14.70	16.50	
	802.11ac-VHT20 MCS0	52	5260	18.19	19.50		18.50	Not Required	16.50	Not Required	17.00	Not Required	15.00	Not Required	17.50	98.52
		56	5280	18.31	20.00		18.50		16.50		17.00		15.00		17.50	
		60	5300	18.41	20.00		18.50		16.50		17.00		15.00		17.50	
		64	5320	18.13	19.50		18.50		16.50		17.00		15.00		17.50	
	802.11ac-VHT40 MCS0	54	5270	16.18	17.50		17.50		16.50		17.00		15.00		17.50	96.35
		62	5310	14.87	16.50		16.50		16.50		16.50		15.00		16.50	
	802.11ac-VHT80 MCS0	58	5290	12.95	14.50		14.50		14.50		14.50		14.50		14.50	93.06

Ant 8				Full Power		Head Standalone		Head Simultaneous		Bodyworn Standalone		Bodyworn 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	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	17.51	19.50	Not Required	15.50	Not Required	13.00	Not Required	14.50	Not Required	12.00	Not Required	18.00	Not Required	13.50	98.62
		116	5580	18.19	20.00		15.50		13.00		14.50		12.00		18.00		13.50	
		124	5620	18.17	20.00		15.50		13.00		14.50		12.00		18.00		13.50	
		132	5660	17.92	19.50		15.50		13.00		14.50		12.00		18.00		13.50	
		140	5700	16.24	18.00		15.50		13.00		14.50		12.00		18.00		13.50	
		144	5720	18.22	20.00		15.50		13.00		14.50		12.00		18.00		13.50	
	802.11n-HT20 MCS0	100	5500	18.38	20.00		15.50		13.00		14.50		12.00		18.00		13.50	97.79
		116	5580	18.53	20.00		15.50		13.00		14.50		12.00		18.00		13.50	
		124	5620	18.54	20.00		15.50		13.00		14.50		12.00		18.00		13.50	
		132	5660	18.45	20.00		15.50		13.00		14.50		12.00		18.00		13.50	
		140	5700	15.76	17.50		15.50		13.00		14.50		12.00		17.50		13.50	
		144	5720	18.04	19.50		15.50		13.00		14.50		12.00		18.00		13.50	
	802.11n-HT40 MCS0	102	5510	14.06	15.50		15.50		13.00		14.50		12.00	14.06	15.50		13.50	96.32
		110	5550	16.42	18.00		15.50		13.00		14.50		12.00	16.42	18.00		13.50	
		126	5630	16.48	18.00		15.50		13.00		14.50		12.00	16.48	18.00		13.50	
		134	5670	16.34	18.00		15.50		13.00		14.50		12.00	16.34	18.00		13.50	
		142	5710	16.13	18.00		15.50		13.00		14.50		12.00	16.13	18.00		13.50	
	802.11ac-VHT20 MCS0	100	5500	18.39	20.00		15.50		13.00		14.50		12.00	Not Required	18.00		13.50	98.52
		116	5580	18.57	20.00		15.50		13.00		14.50		12.00		18.00		13.50	
		124	5620	18.60	20.00		15.50		13.00		14.50		12.00		18.00		13.50	
		132	5660	18.44	20.00		15.50		13.00		14.50		12.00		18.00		13.50	
		140	5700	15.87	17.50		15.50		13.00		14.50		12.00		17.50		13.50	
		144	5720	18.06	19.50		15.50		13.00		14.50		12.00		18.00		13.50	
	802.11ac-VHT40 MCS0	102	5510	14.17	15.50		15.50		13.00		14.50		12.00		15.50		13.50	96.35
		110	5550	16.49	18.00		15.50		13.00		14.50		12.00		18.00		13.50	
		126	5630	16.52	18.00		15.50		13.00		14.50		12.00		18.00		13.50	
		134	5670	16.42	18.00		15.50		13.00		14.50		12.00		18.00		13.50	
		142	5710	16.21	17.50		15.50		13.00		14.50		12.00		17.50		13.50	
	802.11ac-VHT80 MCS0	106	5530	11.51	13.00	11.51	13.00	11.51	13.00	11.51	13.00	10.58	12.00		13.00	11.51	13.00	93.06
		122	5610	16.37	18.00	14.45	15.50	11.71	13.00	13.26	14.50	10.68	12.00		18.00	12.18	13.50	
		138	5690	16.08	17.50	14.22	15.50	11.58	13.00	13.11	14.50	10.64	12.00		17.50	12.15	13.50	

Ant 8				Full Power&Extremity Standalone		Head Standalone		Head Simultaneous		Bodyworn Standalone		Bodyworn Simultaneous&Hotspot		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 %
5.8GHz WLAN	802.11a 6Mbps	149	5745	18.04	19.50	16.51	18.00	Not Required	16.00	Not Required	16.50	Not Required	14.00	Not Required	17.50	98.62
		157	5785	17.97	19.50	16.45	18.00		16.00		16.50		14.00		17.50	
		165	5825	18.06	19.50	16.58	18.00		16.00		16.50		14.00		17.50	
	802.11n-HT20 MCS0	149	5745	18.03	19.50	Not Required	18.00		16.00		16.50		14.00		17.50	97.79
		157	5785	17.87	19.50		18.00		16.00		16.50		14.00		17.50	
		165	5825	17.85	19.50		18.00		16.00		16.50		14.00		17.50	
	802.11n-HT40 MCS0	151	5755	15.82	17.50		17.50		16.00		16.50		14.00	15.82	17.50	96.32
		159	5795	15.74	17.50		17.50		16.00		16.50		14.00	15.74	17.50	
	802.11ac-VHT20 MCS0	149	5745	18.04	19.50		18.00		16.00		16.50		14.00	Not Required	17.50	98.52
		157	5785	17.84	19.50		18.00		16.00		16.50		14.00		17.50	
		165	5825	17.91	19.50		18.00		16.00		16.50		14.00		17.50	
	802.11ac-VHT40 MCS0	151	5755	15.91	17.50		17.50		16.00		16.50		14.00		17.50	96.35
		159	5795	15.81	17.50		17.50		16.00		16.50		14.00		17.50	
	802.11ac-VHT80 MCS0	155	5775	15.55	17.00		17.00	14.55	16.00	15.01	16.50	12.55	14.00		17.00	93.06

Ant 6+8				Full Power&Extremity Standalone		Head Standalone		Head Simultaneous		Bodyworn Standalone		Bodyworn Simultaneous		Hotspot 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 %
2.4GHz WLAN	802.11b 1Mbps	1	2412	20.28	22.00	19.23	21.00	16.23	18.00	20.28	22.00	17.27	19.00	18.25	20.00	98.62
		6	2437	22.32	24.00	19.33	21.00	16.32	18.00	20.32	22.00	17.31	19.00	18.29	20.00	
		11	2462	21.89	23.50	19.27	21.00	16.24	18.00	20.30	22.00	17.29	19.00	18.26	20.00	
	802.11g 6Mbps	1	2412	18.55	20.00	Not Required	20.00	Not Required	18.00	Not Required	20.00	Not Required	19.00	Not Required	20.00	99.03
		2	2417	20.75	22.50		21.00		18.00		22.00		19.00		20.00	
		6	2437	21.73	23.50		21.00		18.00		22.00		19.00		20.00	
		11	2462	19.96	21.50		21.00		18.00		21.50		19.00		20.00	
	802.11n-HT20 MCS0	1	2412	19.03	20.50		20.50		18.00		20.50		19.00		20.00	98.15
		6	2437	21.61	23.00		21.00		18.00		22.00		19.00		20.00	
		11	2462	19.36	21.00		21.00		18.00		21.00		19.00		20.00	
	802.11n-HT40 MCS0	3	2422	15.60	17.00	15.60	17.00		17.00	15.60	17.00		17.00		17.00	94.91
		4	2427	18.50	20.00	18.50	20.00		18.00	18.50	20.00		19.00		20.00	
		6	2437	20.26	22.00	19.28	21.00		18.00	20.26	22.00		19.00		20.00	
		9	2452	18.94	20.50	18.94	20.50		18.00	18.94	20.50		19.00		20.00	

Ant 5+8				Full Power&Extremity Standalone		Head Standalone		Head Simultaneous		Bodyworn Standalone&Extremity Simultaneous		Bodyworn 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	20.69	22.50	19.65	21.50	Not Required	19.00	Not Required	20.00	Not Required	18.00	Not Required	19.50	98.62
		40	5200	20.62	22.50	19.57	21.50		19.00		20.00		18.00		19.50	
		44	5220	20.70	22.50	19.67	21.50		19.00		20.00		18.00		19.50	
		48	5240	20.78	22.50	19.74	21.50		19.00		20.00		18.00		19.50	
	802.11n-HT20 MCS0	36	5180	19.43	21.00	Not Required	21.00		19.00		20.00		18.00		19.50	97.79
		40	5200	20.96	22.50		21.50		19.00		20.00		18.00		19.50	
		44	5220	21.04	23.00		21.50		19.00		20.00		18.00		19.50	
		48	5240	21.06	23.00		21.50		19.00		20.00		18.00		19.50	
	802.11n-HT40 MCS0	38	5190	14.50	16.00		16.00	14.50	16.00	14.50	16.00	14.50	16.00	14.50	16.00	96.32
		46	5230	19.06	20.50		20.50	17.56	19.00	18.56	20.00	16.14	18.00	18.08	19.50	
	802.11ac-VHT20 MCS0	36	5180	19.64	21.00		21.00	Not Required	19.00	Not Required	20.00	Not Required	18.00	Not Required	19.50	98.52
		40	5200	20.99	22.50		21.50		19.00		20.00		18.00		19.50	
		44	5220	21.07	23.00		21.50		19.00		20.00		18.00		19.50	
		48	5240	21.10	23.00		21.50		19.00		20.00		18.00		19.50	
	802.11ac-VHT40 MCS0	38	5190	14.65	16.50		16.50		16.50		16.50		16.50		16.50	96.35
		46	5230	19.14	20.50		20.50		19.00		20.00		18.00		19.50	
	802.11ac-VHT80 MCS0	42	5210	13.48	15.00		15.00		15.00		15.00		15.00		15.00	93.06

Ant 5+8				Full Power&Extremity Standalone		Head Standalone		Head Simultaneous		Bodyworn Standalone		Bodyworn Simultaneous		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 %
5.3GHz WLAN	802.11a 6Mbps	52	5260	20.64	22.50	19.62	21.50	Not Required	19.50	Not Required	20.00	Not Required	18.00	Not Required	20.50	98.62
		56	5280	20.80	22.50	19.78	21.50		19.50		20.00		18.00		20.50	
		60	5300	20.82	22.50	19.79	21.50		19.50		20.00		18.00		20.50	
		64	5320	20.57	22.50	19.56	21.50		19.50		20.00		18.00		20.50	
	802.11n-HT20 MCS0	52	5260	21.12	23.00	Not Required	21.50		19.50		20.00		18.00		20.50	97.79
		56	5280	21.15	23.00		21.50		19.50		20.00		18.00		20.50	
		60	5300	21.16	23.00		21.50		19.50		20.00		18.00		20.50	
		64	5320	20.94	22.50		21.50		19.50		20.00		18.00		20.50	
	802.11n-HT40 MCS0	54	5270	19.14	20.50		20.50	17.69	19.50	18.62	20.00	16.25	18.00	19.14	20.50	96.32
		62	5310	17.67	19.50		19.50	17.67	19.50	17.67	19.50	16.21	18.00	17.67	19.50	
	802.11ac-VHT20 MCS0	52	5260	21.14	22.50		21.50	Not Required	19.50	Not Required	20.00	Not Required	18.00	Not Required	20.50	98.52
		56	5280	21.17	23.00		21.50		19.50		20.00		18.00		20.50	
		60	5300	21.18	23.00		21.50		19.50		20.00		18.00		20.50	
		64	5320	20.95	22.50		21.50		19.50		20.00		18.00		20.50	
	802.11ac-VHT40 MCS0	54	5270	19.24	21.00		21.00		19.50		20.00		18.00		20.50	96.35
		62	5310	17.81	19.50		19.50		19.50		19.50		18.00		19.50	
	802.11ac-VHT80 MCS0	58	5290	15.97	17.50		17.50		17.50		17.50		17.50		17.50	93.06

Ant 5+8				Full Power		Head Standalone		Head Simultaneous		Bodyworn Standalone		Bodyworn 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	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	20.74	22.50	Not Required	18.50	Not Required	16.00	Not Required	17.50	Not Required	15.00	Not Required	20.50	Not Required	16.50	98.62
		116	5580	20.87	22.50		18.50		16.00		17.50		15.00		20.50		16.50	
		124	5620	20.74	22.50		18.50		16.00		17.50		15.00		20.50		16.50	
		132	5660	20.51	22.50		18.50		16.00		17.50		15.00		20.50		16.50	
		140	5700	19.02	21.00		18.50		16.00		17.50		15.00		20.50		16.50	
		144	5720	20.98	22.50		18.50		16.00		17.50		15.00		20.50		16.50	
	802.11n-HT20 MCS0	100	5500	21.52	23.00		18.50		16.00		17.50		15.00		20.50		16.50	97.79
		116	5580	21.24	23.00		18.50		16.00		17.50		15.00		20.50		16.50	
		124	5620	21.05	22.50		18.50		16.00		17.50		15.00		20.50		16.50	
		132	5660	20.92	22.50		18.50		16.00		17.50		15.00		20.50		16.50	
		140	5700	18.47	20.00		18.50		16.00		17.50		15.00		20.00		16.50	
		144	5720	20.75	22.50		18.50		16.00		17.50		15.00		20.50		16.50	
	802.11n-HT40 MCS0	102	5510	17.06	18.50		18.50		16.00		17.50		15.00	17.06	18.50		16.50	96.32
		110	5550	19.20	21.00		18.50		16.00		17.50		15.00	19.20	21.00		16.50	
		126	5630	19.00	20.50		18.50		16.00		17.50		15.00	19.00	20.50		16.50	
		134	5670	18.96	20.50		18.50		16.00		17.50		15.00	18.96	20.50		16.50	
		142	5710	18.94	20.50		18.50		16.00		17.50		15.00	18.94	20.50		16.50	
	802.11ac-VHT20 MCS0	100	5500	21.56	23.00		18.50		16.00		17.50		15.00	Not Required	20.50		16.50	98.52
		116	5580	21.36	23.00		18.50		16.00		17.50		15.00		20.50		16.50	
		124	5620	21.13	22.50		18.50		16.00		17.50		15.00		20.50		16.50	
		132	5660	20.94	22.50		18.50		16.00		17.50		15.00		20.50		16.50	
		140	5700	18.57	20.50		18.50		16.00		17.50		15.00		20.50		16.50	
		144	5720	20.79	22.50		18.50		16.00		17.50		15.00		20.50		16.50	
	802.11ac-VHT40 MCS0	102	5510	17.15	18.50		18.50		16.00		17.50		15.00		18.50		16.50	96.35
		110	5550	19.25	21.00		18.50		16.00		17.50		15.00		20.50		16.50	
		126	5630	19.06	20.50		18.50		16.00		17.50		15.00		20.50		16.50	
		134	5670	19.03	20.50		18.50		16.00		17.50		15.00		20.50		16.50	
		142	5710	19.01	20.50		18.50		16.00		17.50		15.00		20.50		16.50	
	802.11ac-VHT80 MCS0	106	5530	14.49	16.00	14.49	16.00	14.49	16.00	14.49	16.00	13.57	15.00		16.00	14.49	16.00	93.06
		122	5610	18.98	20.50	17.02	18.50	14.60	16.00	16.02	17.50	13.65	15.00		20.50	15.00	16.50	
		138	5690	18.73	20.50	16.87	18.50	14.53	16.00	15.91	17.50	13.62	15.00		20.50	14.95	16.50	

Ant 5+8				Full Power&Extremity Standalone		Head Standalone		Head Simultaneous		Bodyworn Standalone		Bodyworn Simultaneous&Hotspot		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 %
5.8GHz WLAN	802.11a 6Mbps	149	5745	20.85	22.50	19.31	21.00	Not Required	19.00	Not Required	19.50	Not Required	17.00	Not Required	20.50	98.62
		157	5785	20.88	22.50	19.36	21.00		19.00		19.50		17.00		20.50	
		165	5825	21.01	22.50	19.52	21.00		19.00		19.50		17.00		20.50	
	802.11n-HT20 MCS0	149	5745	20.68	22.50		21.00		19.00		19.50		17.00		20.50	97.79
		157	5785	20.71	22.50		21.00		19.00		19.50		17.00		20.50	
		165	5825	20.74	22.50		21.00		19.00		19.50		17.00		20.50	
	802.11n-HT40 MCS0	151	5755	18.71	20.50		20.50		19.00		19.50		17.00	18.71	20.50	96.32
		159	5795	18.75	20.50		20.50		19.00		19.50		17.00	18.75	20.50	
	802.11ac-VHT20 MCS0	149	5745	20.72	22.50		21.00		19.00		19.50		17.00		20.50	98.52
		157	5785	20.74	22.50		21.00		19.00		19.50		17.00		20.50	
		165	5825	20.84	22.50		21.00		19.00		19.50		17.00		20.50	
	802.11ac-VHT40 MCS0	151	5755	18.78	20.50		20.50		19.00		19.50		17.00		20.50	96.35
		159	5795	18.82	20.50		20.50		19.00		19.50		17.00		20.50	
	802.11ac-VHT80 MCS0	155	5775	18.52	20.00		20.00	17.52	19.00	17.98	19.50	15.52	17.00		20.00	93.06

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	10.71	10.63	10.56	12.50
	CH 39	2441	11.93	11.88	11.86	13.50
	CH 78	2480	11.09	11.33	11.19	12.50

Mode	Channel	Frequency (MHz)	Full Power
			Average power (dBm)
			GFSK
LE	CH 00	2402	5.69
	CH 19	2440	6.91
	CH 39	2480	6.09
Tune-up Limit			7.5

Mode	Channel	Frequency (MHz)	Full Power
			Average power (dBm)
			2Mbps
LE	CH 01	2404	5.77
	CH 19	2440	6.88
	CH 38	2478	6.32
Tune-up Limit			7.5