Full Power Mode for WWAN

GSM850 Ant0 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	32.41	32.52	32.47	33.50	23.41	23.52	23.47	24.50
GPRS 1 Tx slot	32.33	32.49	32.44	33.50	23.33	23.49	23.44	24.50
GPRS 2 Tx slots	29.28	29.37	29.41	30.50	23.28	23.37	23.41	24.50
GPRS 3 Tx slots	27.47	27.51	27.58	28.50	23.21	23.25	23.32	24.24
GPRS 4 Tx slots	26.41	26.08	26.35	27.50	23.41	23.08	23.35	24.50
EDGE 1 Tx slot	26.25	26.09	26.30	27.50	17.25	17.09	17.30	18.50
EDGE 2 Tx slots	23.32	23.22	23.34	24.50	17.32	17.22	17.34	18.50
EDGE 3 Tx slots	21.62	21.56	21.45	22.50	17.36	17.30	17.19	18.24
EDGE 4 Tx slots	20.77	20.53	20.65	21.50	17.77	17.53	17.65	18.50

WCDMA V Ant0 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	24.78	24.86	24.75	25.50
3GPP Rel 99	RMC 12.2Kbps	24.90	24.93	24.88	25.50
3GPP Rel 6	HSDPA Subtest-1	23.69	24.01	23.90	24.50
3GPP Rel 6	HSDPA Subtest-2	23.81	23.93	23.86	24.50
3GPP Rel 6	HSDPA Subtest-3	23.20	23.50	23.34	24.00
3GPP Rel 6	HSDPA Subtest-4	23.29	23.50	23.33	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.76	23.98	23.92	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.81	23.92	23.76	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	23.22	23.43	23.37	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	23.30	23.45	23.41	24.00
3GPP Rel 6	HSUPA Subtest-1	23.76	23.89	23.90	24.50
3GPP Rel 6	HSUPA Subtest-2	21.72	21.91	21.88	22.50
3GPP Rel 6	HSUPA Subtest-3	22.73	23.01	22.83	23.50
3GPP Rel 6	HSUPA Subtest-4	21.73	21.93	21.88	22.50
3GPP Rel 6	HSUPA Subtest-5	23.76	23.89	23.68	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.20	21.34	21.25	22.00

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.82	23.00	22.97	24	0
20	QPSK	1	49	22.87	22.96	22.82		
20	QPSK	1	99	20.72	20.86	20.82		
20	QPSK	50	0	21.97	22.05	21.91	23	1
20	QPSK	50	24	21.90	21.94	21.86		
20	QPSK	50	50	21.79	21.90	21.83		
20	QPSK	100	0	21.92	21.97	21.92		
20	16QAM	1	0	21.88	22.02	21.93	23	1
20	16QAM	1	49	21.90	21.93	21.80		
20	16QAM	1	99	21.84	21.88	21.77		
20	16QAM	50	0	20.72	20.86	20.78	22	2
20	16QAM	50	24	20.77	20.83	20.70		
20	16QAM	50	50	20.87	20.91	20.86		
20	16QAM	100	0	20.84	20.94	20.85		
20	64QAM	1	0	20.91	20.98	20.89	22	2
20	64QAM	1	49	20.86	20.90	20.86		
20	64QAM	1	99	20.76	20.88	20.83		
20	64QAM	50	0	19.83	19.96	19.90	21	3
20	64QAM	50	24	19.85	19.89	19.83		
20	64QAM	50	50	19.71	19.85	19.79		
20	64QAM	100	0	19.88	19.91	19.80		
20	256QAM	1	0	17.81	17.94	17.88	19	5
20	256QAM	1	49	17.86	17.89	17.84		
20	256QAM	1	99	17.81	17.88	17.73		
20	256QAM	50	0	17.84	17.93	17.83	19	5
20	256QAM	50	24	17.76	17.88	17.78		
20	256QAM	50	50	17.81	17.92	17.82		
20	256QAM	100	0	17.78	17.92	17.73		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.83	22.98	22.78	24	0
15	QPSK	1	37	22.74	22.86	22.71		
15	QPSK	1	74	22.64	22.74	22.73		
15	QPSK	36	0	21.91	21.91	21.85	23	1
15	QPSK	36	20	21.84	21.86	21.74		
15	QPSK	36	39	21.68	21.75	21.77		
15	QPSK	75	0	21.81	21.92	21.81		
15	16QAM	1	0	21.74	21.87	21.82	23	1
15	16QAM	1	37	21.81	21.88	21.67		
15	16QAM	1	74	21.75	21.83	21.65		
15	16QAM	36	0	20.66	20.75	20.71	22	2
15	16QAM	36	20	20.72	20.71	20.57		
15	16QAM	36	39	20.72	20.82	20.77		
15	16QAM	75	0	20.73	20.87	20.72		
15	64QAM	1	0	20.77	20.84	20.77	22	2
15	64QAM	1	37	20.71	20.76	20.79		
15	64QAM	1	74	20.61	20.83	20.75		
15	64QAM	36	0	19.71	19.89	19.76	21	3
15	64QAM	36	20	19.78	19.81	19.79		
15	64QAM	36	39	19.59	19.75	19.66		
15	64QAM	75	0	19.82	19.82	19.74		
15	256QAM	1	0	17.71	17.88	17.78	19	5
15	256QAM	1	37	17.71	17.76	17.72		
15	256QAM	1	74	17.78	17.76	17.65		
15	256QAM	36	0	17.73	17.86	17.78	19	5
15	256QAM	36	20	17.67	17.77	17.74		
15	256QAM	36	39	17.75	17.75	17.70		
15	256QAM	75	0	17.66	17.85	17.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.83	22.88	22.77	24	0
10	QPSK	1	25	22.79	22.88	22.72		
10	QPSK	1	49	22.67	22.77	22.77		
10	QPSK	25	0	21.91	21.96	21.81	23	1
10	QPSK	25	12	21.78	21.79	21.72		
10	QPSK	25	25	21.71	21.86	21.72		
10	QPSK	50	0	21.87	21.86	21.88		
10	16QAM	1	0	21.84	21.89	21.85	23	1
10	16QAM	1	25	21.80	21.81	21.74		
10	16QAM	1	49	21.72	21.83	21.71		
10	16QAM	25	0	20.61	20.82	20.65	22	2
10	16QAM	25	12	20.66	20.79	20.57		
10	16QAM	25	25	20.74	20.79	20.72		
10	16QAM	50	0	20.75	20.83	20.80		
10	64QAM	1	0	20.87	20.83	20.85	22	2
10	64QAM	1	25	20.83	20.82	20.79		
10	64QAM	1	49	20.71	20.75	20.68		
10	64QAM	25	0	19.82	19.83	19.86	21	3
10	64QAM	25	12	19.72	19.78	19.70		
10	64QAM	25	25	19.61	19.79	19.75		
10	64QAM	50	0	19.78	19.87	19.70		
10	256QAM	1	0	17.71	17.81	17.79	19	5
10	256QAM	1	25	17.78	17.76	17.74		
10	256QAM	1	49	17.75	17.73	17.60		
10	256QAM	25	0	17.70	17.84	17.77	19	5
10	256QAM	25	12	17.62	17.74	17.69		
10	256QAM	25	25	17.72	17.83	17.68		
10	256QAM	50	0	17.69	17.86	17.68		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.81	22.92	22.80	24	0
5	QPSK	1	12	22.74	22.89	22.77		
5	QPSK	1	24	22.72	22.77	22.73		
5	QPSK	12	0	21.83	21.91	21.84	23	1
5	QPSK	12	7	21.84	21.91	21.77		
5	QPSK	12	13	21.69	21.87	21.71		
5	QPSK	25	0	21.78	21.94	21.78		
5	16QAM	1	0	21.81	21.92	21.82	23	1
5	16QAM	1	12	21.79	21.85	21.65		
5	16QAM	1	24	21.79	21.85	21.74		
5	16QAM	12	0	20.60	20.82	20.72	22	2
5	16QAM	12	7	20.63	20.72	20.64		
5	16QAM	12	13	20.77	20.77	20.77		
5	16QAM	25	0	20.75	20.87	20.82		
5	64QAM	1	0	20.81	20.89	20.76	22	2
5	64QAM	1	12	20.73	20.83	20.74		
5	64QAM	1	24	20.74	20.79	20.74		
5	64QAM	12	0	19.70	19.90	19.84	21	3
5	64QAM	12	7	19.70	19.79	19.73		
5	64QAM	12	13	19.66	19.79	19.68		
5	64QAM	25	0	19.79	19.86	19.74		
5	256QAM	1	0	17.66	17.88	17.81	19	5
5	256QAM	1	12	17.83	17.79	17.80		
5	256QAM	1	24	17.69	17.78	17.65		
5	256QAM	12	0	17.68	17.87	17.68	19	5
5	256QAM	12	7	17.67	17.84	17.73		
5	256QAM	12	13	17.69	17.76	17.71		
5	256QAM	25	0	17.68	17.82	17.68		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.79	22.91	22.76	24	0
3	QPSK	1	8	22.80	22.85	22.72		
3	QPSK	1	14	22.67	22.85	22.74		
3	QPSK	8	0	21.93	21.92	21.80	23	1
3	QPSK	8	4	21.83	21.82	21.78		
3	QPSK	8	7	21.67	21.87	21.80		
3	QPSK	15	0	21.86	21.94	21.84		
3	16QAM	1	0	21.77	21.98	21.81	23	1
3	16QAM	1	8	21.80	21.87	21.67		
3	16QAM	1	14	21.72	21.83	21.70		
3	16QAM	8	0	20.58	20.80	20.71	22	2
3	16QAM	8	4	20.66	20.77	20.57		
3	16QAM	8	7	20.76	20.85	20.71		
3	16QAM	15	0	20.78	20.86	20.75		
3	64QAM	1	0	20.79	20.92	20.81	22	2
3	64QAM	1	8	20.74	20.79	20.81		
3	64QAM	1	14	20.62	20.79	20.76		
3	64QAM	8	0	19.68	19.84	19.79	21	3
3	64QAM	8	4	19.71	19.76	19.79		
3	64QAM	8	7	19.67	19.74	19.76		
3	64QAM	15	0	19.77	19.82	19.70		
3	256QAM	1	0	17.71	17.85	17.82	19	5
3	256QAM	1	8	17.79	17.83	17.75		
3	256QAM	1	14	17.67	17.77	17.67		
3	256QAM	8	0	17.74	17.88	17.76	19	5
3	256QAM	8	4	17.70	17.84	17.72		
3	256QAM	8	7	17.67	17.87	17.68		
3	256QAM	15	0	17.65	17.83	17.69		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.86	22.91	22.73	24	0
1.4	QPSK	1	3	22.76	22.92	22.77		
1.4	QPSK	1	5	22.65	22.82	22.67		
1.4	QPSK	3	0	22.87	22.90	22.83		
1.4	QPSK	3	1	22.76	22.86	22.74		
1.4	QPSK	3	3	22.64	22.82	22.69		
1.4	QPSK	6	0	21.79	21.87	21.88	23	1
1.4	16QAM	1	0	21.77	21.96	21.79	23	1
1.4	16QAM	1	3	21.85	21.87	21.68		
1.4	16QAM	1	5	21.71	21.76	21.67		
1.4	16QAM	3	0	21.67	21.82	21.74		
1.4	16QAM	3	1	21.73	21.80	21.60		
1.4	16QAM	3	3	21.76	21.86	21.77		
1.4	16QAM	6	0	20.76	20.88	20.81	22	2
1.4	64QAM	1	0	20.77	20.85	20.74	22	2
1.4	64QAM	1	3	20.83	20.94	20.82		
1.4	64QAM	1	5	20.67	20.83	20.71		
1.4	64QAM	3	0	20.70	20.91	20.80		
1.4	64QAM	3	1	20.77	20.76	20.68		
1.4	64QAM	3	3	20.62	20.78	20.66		
1.4	64QAM	6	0	19.84	19.85	19.70	21	3
1.4	256QAM	1	0	17.69	17.81	17.79	19	5
1.4	256QAM	1	3	17.75	17.82	17.79		
1.4	256QAM	1	5	17.66	17.82	17.58		
1.4	256QAM	3	0	17.74	17.82	17.78		
1.4	256QAM	3	1	17.68	17.79	17.69		
1.4	256QAM	3	3	17.74	17.82	17.67		
1.4	256QAM	6	0	17.66	17.85	17.68	19	5

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	24.47	24.55	24.52	25.5	0
10	QPSK	1	25	24.38	24.41	24.46		
10	QPSK	1	49	24.40	24.42	24.40		
10	QPSK	25	0	23.30	23.53	23.44	24.5	1
10	QPSK	25	12	23.41	23.43	23.41		
10	QPSK	25	25	23.37	23.46	23.41		
10	QPSK	50	0	23.29	23.45	23.39		
10	16QAM	1	0	23.43	23.51	23.53	24.5	1
10	16QAM	1	25	23.34	23.35	23.36		
10	16QAM	1	49	23.30	23.40	23.32		
10	16QAM	25	0	22.29	22.51	22.44	23.5	2
10	16QAM	25	12	22.31	22.38	22.37		
10	16QAM	25	25	22.33	22.43	22.39		
10	16QAM	50	0	22.32	22.38	22.39		
10	64QAM	1	0	22.48	22.50	22.46	23.5	2
10	64QAM	1	25	22.28	22.35	22.38		
10	64QAM	1	49	22.27	22.37	22.36		
10	64QAM	25	0	21.29	21.47	21.34	22.5	3
10	64QAM	25	12	21.26	21.38	21.39		
10	64QAM	25	25	21.34	21.32	21.36		
10	64QAM	50	0	21.30	21.38	21.33		
10	256QAM	1	0	19.34	19.40	19.37	20.5	5
10	256QAM	1	25	19.30	19.43	19.33		
10	256QAM	1	49	19.30	19.44	19.31		
10	256QAM	25	0	19.29	19.48	19.30	20.5	5
10	256QAM	25	12	19.26	19.40	19.36		
10	256QAM	25	25	19.27	19.40	19.35		
10	256QAM	50	0	19.31	19.42	19.35		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.41	24.50	24.47	25.5	0
5	QPSK	1	12	24.29	24.37	24.42		
5	QPSK	1	24	24.25	24.34	24.33		
5	QPSK	12	0	23.15	23.41	23.41	24.5	1
5	QPSK	12	7	23.37	23.33	23.30		
5	QPSK	12	13	23.30	23.39	23.34		
5	QPSK	25	0	23.17	23.41	23.35		
5	16QAM	1	0	23.29	23.45	23.40	24.5	1
5	16QAM	1	12	23.23	23.27	23.24		
5	16QAM	1	24	23.26	23.26	23.21		
5	16QAM	12	0	22.20	22.41	22.30	23.5	2
5	16QAM	12	7	22.25	22.27	22.31		
5	16QAM	12	13	22.20	22.33	22.29		
5	16QAM	25	0	22.27	22.27	22.36		
5	64QAM	1	0	22.43	22.39	22.40	23.5	2
5	64QAM	1	12	22.19	22.29	22.34		
5	64QAM	1	24	22.16	22.25	22.31		
5	64QAM	12	0	21.16	21.34	21.25	22.5	3
5	64QAM	12	7	21.12	21.32	21.26		
5	64QAM	12	13	21.20	21.24	21.23		
5	64QAM	25	0	21.21	21.31	21.28		
5	256QAM	1	0	19.29	19.28	19.23	20.5	5
5	256QAM	1	12	19.16	19.39	19.20		
5	256QAM	1	24	19.25	19.33	19.20		
5	256QAM	12	0	19.19	19.39	19.15	20.5	5
5	256QAM	12	7	19.13	19.28	19.29		
5	256QAM	12	13	19.14	19.27	19.23		
5	256QAM	25	0	19.28	19.29	19.21		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.33	24.41	24.47	25.5	0
3	QPSK	1	8	24.31	24.34	24.41		
3	QPSK	1	14	24.31	24.35	24.31		
3	QPSK	8	0	23.15	23.48	23.39	24.5	1
3	QPSK	8	4	23.36	23.33	23.37		
3	QPSK	8	7	23.24	23.31	23.28		
3	QPSK	15	0	23.17	23.38	23.28		
3	16QAM	1	0	23.39	23.39	23.50	24.5	1
3	16QAM	1	8	23.19	23.28	23.26		
3	16QAM	1	14	23.19	23.25	23.25		
3	16QAM	8	0	22.22	22.36	22.30	23.5	2
3	16QAM	8	4	22.17	22.24	22.30		
3	16QAM	8	7	22.25	22.32	22.26		
3	16QAM	15	0	22.27	22.25	22.26		
3	64QAM	1	0	22.43	22.36	22.39	23.5	2
3	64QAM	1	8	22.23	22.29	22.28		
3	64QAM	1	14	22.20	22.24	22.24		
3	64QAM	8	0	21.19	21.37	21.27	22.5	3
3	64QAM	8	4	21.13	21.25	21.36		
3	64QAM	8	7	21.19	21.24	21.28		
3	64QAM	15	0	21.19	21.24	21.27		
3	256QAM	1	0	19.22	19.35	19.34	20.5	5
3	256QAM	1	8	19.22	19.29	19.28		
3	256QAM	1	14	19.22	19.30	19.18		
3	256QAM	8	0	19.24	19.43	19.23	20.5	5
3	256QAM	8	4	19.21	19.32	19.29		
3	256QAM	8	7	19.24	19.32	19.30		
3	256QAM	15	0	19.22	19.29	19.29		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.40	24.44	24.38	25.5	0
1.4	QPSK	1	3	24.35	24.36	24.34		
1.4	QPSK	1	5	24.28	24.33	24.30		
1.4	QPSK	3	0	24.24	24.41	24.40		
1.4	QPSK	3	1	24.34	24.36	24.33		
1.4	QPSK	3	3	24.24	24.37	24.37		
1.4	QPSK	6	0	23.20	23.37	23.32	24.5	1
1.4	16QAM	1	0	23.30	23.45	23.44	24.5	1
1.4	16QAM	1	3	23.19	23.23	23.26		
1.4	16QAM	1	5	23.24	23.35	23.23		
1.4	16QAM	3	0	23.20	23.47	23.40		
1.4	16QAM	3	1	23.16	23.23	23.32		
1.4	16QAM	3	3	23.23	23.31	23.25		
1.4	16QAM	6	0	22.28	22.31	22.36	23.5	2
1.4	64QAM	1	0	22.40	22.46	22.33	23.5	2
1.4	64QAM	1	3	22.24	22.30	22.31		
1.4	64QAM	1	5	22.15	22.34	22.23		
1.4	64QAM	3	0	22.24	22.41	22.30		
1.4	64QAM	3	1	22.20	22.29	22.29		
1.4	64QAM	3	3	22.24	22.28	22.29		
1.4	64QAM	6	0	21.22	21.34	21.19	22.5	3
1.4	256QAM	1	0	19.28	19.30	19.27	20.5	5
1.4	256QAM	1	3	19.22	19.30	19.19		
1.4	256QAM	1	5	19.26	19.38	19.28		
1.4	256QAM	3	0	19.19	19.42	19.19		
1.4	256QAM	3	1	19.18	19.26	19.32		
1.4	256QAM	3	3	19.19	19.25	19.27		
1.4	256QAM	6	0	19.25	19.36	19.29	20.5	5

Band 7 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.75	22.84	22.72	24	0
20	QPSK	1	49	22.71	22.76	22.65		
20	QPSK	1	99	22.60	22.74	22.61		
20	QPSK	50	0	21.64	21.78	21.67	23	1
20	QPSK	50	24	21.61	21.70	21.63		
20	QPSK	50	50	21.52	21.65	21.56		
20	QPSK	100	0	21.60	21.73	21.64		
20	16QAM	1	0	21.69	21.77	21.74	23	1
20	16QAM	1	49	21.54	21.68	21.60		
20	16QAM	1	99	21.50	21.64	21.53		
20	16QAM	50	0	20.67	20.72	20.68	22	2
20	16QAM	50	24	20.59	20.67	20.54		
20	16QAM	50	50	20.55	20.63	20.57		
20	16QAM	100	0	20.61	20.67	20.55		
20	64QAM	1	0	20.65	20.69	20.58	22	2
20	64QAM	1	49	20.59	20.70	20.64		
20	64QAM	1	99	20.56	20.69	20.60		
20	64QAM	50	0	19.72	19.78	19.72	21	3
20	64QAM	50	24	19.53	19.65	19.61		
20	64QAM	50	50	19.55	19.62	19.48		
20	64QAM	100	0	19.55	19.66	19.59		
20	256QAM	1	0	17.66	17.71	17.65	19	5
20	256QAM	1	49	17.52	17.63	17.53		
20	256QAM	1	99	17.54	17.66	17.53		
20	256QAM	50	0	17.60	17.74	17.64	19	5
20	256QAM	50	24	17.53	17.65	17.51		
20	256QAM	50	50	17.59	17.70	17.62		
20	256QAM	100	0	17.57	17.66	17.63		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.71	22.71	22.64	24	0
15	QPSK	1	37	22.61	22.62	22.61		
15	QPSK	1	74	22.52	22.64	22.47		
15	QPSK	36	0	21.51	21.73	21.52	23	1
15	QPSK	36	20	21.52	21.64	21.58		
15	QPSK	36	39	21.47	21.52	21.45		
15	QPSK	75	0	21.55	21.60	21.60		
15	16QAM	1	0	21.64	21.74	21.66	23	1
15	16QAM	1	37	21.51	21.62	21.55		
15	16QAM	1	74	21.35	21.53	21.41		
15	16QAM	36	0	20.59	20.65	20.57	22	2
15	16QAM	36	20	20.47	20.57	20.42		
15	16QAM	36	39	20.48	20.54	20.47		
15	16QAM	75	0	20.55	20.59	20.43		
15	64QAM	1	0	20.51	20.64	20.50	22	2
15	64QAM	1	37	20.53	20.66	20.55		
15	64QAM	1	74	20.48	20.58	20.53		
15	64QAM	36	0	19.60	19.70	19.64	21	3
15	64QAM	36	20	19.45	19.55	19.56		
15	64QAM	36	39	19.51	19.55	19.37		
15	64QAM	75	0	19.46	19.58	19.54		
15	256QAM	1	0	17.61	17.66	17.58	19	5
15	256QAM	1	37	17.43	17.52	17.39		
15	256QAM	1	74	17.42	17.61	17.45		
15	256QAM	36	0	17.49	17.61	17.54	19	5
15	256QAM	36	20	17.44	17.56	17.44		
15	256QAM	36	39	17.47	17.57	17.57		
15	256QAM	75	0	17.44	17.57	17.51		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.71	22.73	22.67	24	0
10	QPSK	1	25	22.60	22.63	22.55		
10	QPSK	1	49	22.52	22.63	22.57		
10	QPSK	25	0	21.52	21.70	21.57	23	1
10	QPSK	25	12	21.48	21.58	21.54		
10	QPSK	25	25	21.48	21.56	21.46		
10	QPSK	50	0	21.52	21.70	21.51		
10	16QAM	1	0	21.66	21.67	21.65	23	1
10	16QAM	1	25	21.49	21.61	21.49		
10	16QAM	1	49	21.46	21.53	21.44		
10	16QAM	25	0	20.60	20.62	20.53	22	2
10	16QAM	25	12	20.55	20.53	20.45		
10	16QAM	25	25	20.48	20.58

Band 13 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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.63		24.5	0
10	QPSK	1	25		23.56			
10	QPSK	1	49		23.54			
10	QPSK	25	0		22.67		23.5	1
10	QPSK	25	12		22.60			
10	QPSK	25	25		22.64			
10	QPSK	50	0		22.62			
10	16QAM	1	0		22.65		23.5	1
10	16QAM	1	25		22.56			
10	16QAM	1	49		22.52			
10	16QAM	25	0		21.64		22.5	2
10	16QAM	25	12		21.50			
10	16QAM	25	25		21.50			
10	16QAM	50	0		21.57			
10	64QAM	1	0		21.68		22.5	2
10	64QAM	1	25		21.49			
10	64QAM	1	49		21.44			
10	64QAM	25	0		20.60		21.5	3
10	64QAM	25	12		20.49			
10	64QAM	25	25		20.50			
10	64QAM	50	0		20.53			
10	256QAM	1	0		18.60		19.5	5
10	256QAM	1	25		18.63			
10	256QAM	1	49		18.58			
10	256QAM	25	0		18.68		19.5	5
10	256QAM	25	12		18.60			
10	256QAM	25	25		18.56			
10	256QAM	50	0		18.64			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.38	23.50	23.43	24.5	0
5	QPSK	1	12	23.35	23.49	23.45		
5	QPSK	1	24	23.34	23.47	23.39		
5	QPSK	12	0	22.49	22.58	22.51	23.5	1
5	QPSK	12	7	22.35	22.46	22.32		
5	QPSK	12	13	22.45	22.59	22.45		
5	QPSK	25	0	22.46	22.53	22.43		
5	16QAM	1	0	22.47	22.51	22.37	23.5	1
5	16QAM	1	12	22.41	22.53	22.37		
5	16QAM	1	24	22.33	22.38	22.33		
5	16QAM	12	0	21.53	21.57	21.40	22.5	2
5	16QAM	12	7	21.31	21.39	21.36		
5	16QAM	12	13	21.31	21.47	21.28		
5	16QAM	25	0	21.49	21.51	21.42		
5	64QAM	1	0	21.48	21.58	21.51	22.5	2
5	64QAM	1	12	21.32	21.36	21.33		
5	64QAM	1	24	21.33	21.34	21.17		
5	64QAM	12	0	20.38	20.53	20.45	21.5	3
5	64QAM	12	7	20.26	20.41	20.28		
5	64QAM	12	13	20.31	20.36	20.36		
5	64QAM	25	0	20.33	20.48	20.26		
5	256QAM	1	0	18.47	18.55	18.43	19.5	5
5	256QAM	1	12	18.46	18.55	18.46		
5	256QAM	1	24	18.38	18.53	18.45		
5	256QAM	12	0	18.51	18.53	18.45	19.5	5
5	256QAM	12	7	18.46	18.53	18.37		
5	256QAM	12	13	18.38	18.43	18.43		
5	256QAM	25	0	18.46	18.54	18.42		

Band 17 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.64	24.70	24.59	25.5	0
10	QPSK	1	25	24.47	24.64	24.59		
10	QPSK	1	49	24.56	24.56	24.58		
10	QPSK	25	0	23.50	23.66	23.58	24.5	1
10	QPSK	25	12	23.52	23.61	23.49		
10	QPSK	25	25	23.55	23.52	23.51		
10	QPSK	50	0	23.50	23.62	23.50		
10	16QAM	1	0	23.69	23.76	23.71	24.5	1
10	16QAM	1	25	23.44	23.57	23.55		
10	16QAM	1	49	23.50	23.51	23.47		
10	16QAM	25	0	22.52	22.70	22.57	23.5	2
10	16QAM	25	12	22.59	22.58	22.61		
10	16QAM	25	25	22.58	22.58	22.54		
10	16QAM	50	0	22.48	22.60	22.56		
10	64QAM	1	0	22.58	22.76	22.67	23.5	2
10	64QAM	1	25	22.43	22.54	22.49		
10	64QAM	1	49	22.40	22.50	22.41		
10	64QAM	25	0	21.51	21.64	21.48	22.5	3
10	64QAM	25	12	21.48	21.51	21.51		
10	64QAM	25	25	21.44	21.61	21.51		
10	64QAM	50	0	21.43	21.60	21.48		
10	256QAM	1	0	19.56	19.57	19.59	20.5	5
10	256QAM	1	25	19.50	19.59	19.55		
10	256QAM	1	49	19.52	19.60	19.53		
10	256QAM	25	0	19.52	19.68	19.58	20.5	5
10	256QAM	25	12	19.56	19.53	19.57		
10	256QAM	25	25	19.48	19.57	19.60		
10	256QAM	50	0	19.52	19.56	19.51		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.58	24.55	24.50	25.5	0
5	QPSK	1	12	24.41	24.59	24.51		
5	QPSK	1	24	24.47	24.49	24.54		
5	QPSK	12	0	23.45	23.55	23.49	24.5	1
5	QPSK	12	7	23.46	23.57	23.40		
5	QPSK	12	13	23.47	23.38	23.46		
5	QPSK	25	0	23.45	23.59	23.39		
5	16QAM	1	0	23.63	23.71	23.61	24.5	1
5	16QAM	1	12	23.35	23.51	23.47		
5	16QAM	1	24	23.41	23.42	23.37		
5	16QAM	12	0	22.43	22.66	22.51	23.5	2
5	16QAM	12	7	22.51	22.50	22.57		
5	16QAM	12	13	22.52	22.47	22.49		
5	16QAM	25	0	22.42	22.56	22.44		
5	64QAM	1	0	22.44	22.64	22.62	23.5	2
5	64QAM	1	12	22.35	22.44	22.39		
5	64QAM	1	24	22.37	22.42	22.36		
5	64QAM	12	0	21.43	21.49	21.43	22.5	3
5	64QAM	12	7	21.44	21.46	21.42		
5	64QAM	12	13	21.40	21.48	21.44		
5	64QAM	25	0	21.32	21.50	21.43		
5	256QAM	1	0	19.51	19.44	19.49	20.5	5
5	256QAM	1	12	19.40	19.49	19.44		
5	256QAM	1	24	19.44	19.45	19.44		
5	256QAM	12	0	19.41	19.54	19.49	20.5	5
5	256QAM	12	7	19.51	19.40	19.43		
5	256QAM	12	13	19.40	19.52	19.57		
5	256QAM	25	0	19.45	19.46	19.46		

Band 26 Ant0 for FCC 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	24.35	24.58	24.41	25.5	0
15	QPSK	1	37	24.42	24.48	24.40		
15	QPSK	1	74	24.35	24.49	24.49		
15	QPSK	36	0	23.38	23.50	23.33	24.5	1
15	QPSK	36	20	23.37	23.42	23.41		
15	QPSK	36	39	23.29	23.46	23.36		
15	QPSK	75	0	23.26	23.47	23.31		
15	16QAM	1	0	23.34	23.52	23.39	24.5	1
15	16QAM	1	37	23.26	23.27	23.23		
15	16QAM	1	74	23.23	23.27	23.28		
15	16QAM	36	0	22.31	22.43	22.32	23.5	2
15	16QAM	36	20	22.27	22.34	22.27		
15	16QAM	36	39	22.24	22.37	22.31		
15	16QAM	75	0	22.28	22.35	22.33		
15	64QAM	1	0	22.42	22.53	22.49	23.5	2
15	64QAM	1	37	22.26	22.36	22.35		
15	64QAM	1	74	22.34	22.39	22.37		
15	64QAM	36	0	21.31	21.48	21.36	22.5	3
15	64QAM	36	20	21.35	21.33	21.30		
15	64QAM	36	39	21.31	21.43	21.38		
15	64QAM	75	0	21.31	21.44	21.34		
15	256QAM	1	0	19.24	19.35	19.34	20.5	5
15	256QAM	1	37	19.29	19.38	19.27		
15	256QAM	1	74	19.24	19.32	19.26		
15	256QAM	36	0	19.26	19.45	19.26	20.5	5
15	256QAM	36	20	19.24	19.35	19.33		
15	256QAM	36	39	19.27	19.39	19.36		
15	256QAM	75	0	19.29	19.34	19.37		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.23	24.47	24.33	25.5	0
10	QPSK	1	25	24.30	24.39	24.26		
10	QPSK	1	49	24.24	24.37	24.36		
10	QPSK	25	0	23.33	23.39	23.18	24.5	1
10	QPSK	25	12	23.31	23.35	23.30		
10	QPSK	25	25	23.23	23.39	23.27		
10	QPSK	50	0	23.23	23.33	23.33		
10	16QAM	1	0	23.27	23.47	23.36	24.5	1
10	16QAM	1	25	23.14	23.13	23.12		
10	16QAM	1	49	23.20	23.14	23.17		
10	16QAM	25	0	22.26	22.32	22.19	23.5	2
10	16QAM	25	12	22.16	22.24	22.22		
10	16QAM	25	25	22.15	22.26	22.21		
10	16QAM	50	0	22.18	22.24	22.22		
10	64QAM	1	0	22.34	22.50	22.34	23.5	2
10	64QAM	1	25	22.11	22.25	22.20		
10	64QAM	1	49	22.30	22.30	22.24		
10	64QAM	25	0	21.18	21.43	21.24	22.5	3
10	64QAM	25	12	21.27	21.27	21.21		
10	64QAM	25	25	21.27	21.37	21.25		
10	64QAM	50	0	21.17	21.36	21.20		
10	256QAM	1	0	19.17	19.22	19.29	20.5	5
10	256QAM	1	25	19.25	19.24	19.21		
10	256QAM	1	49	19.18	19.27	19.15		
10	256QAM	25	0	19.21	19.37	19.21	20.5	5
10	256QAM	25	12	19.19	19.24	19.19		
10	256QAM	25	25	19.15	19.24	19.31		
10	256QAM	50	0	19.20	19.22	19.30		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.26	24.49	24.32	25.5	0
5	QPSK	1	12	24.28	24.40	24.27		
5	QPSK	1	24	24.29	24.40	24.43		
5	QPSK	12	0	23.32	23.38	23.22	24.5	1
5	QPSK	12	7	23.28	23.33	23.27		
5	QPSK	12	13	23.23	23.35	23.30		
5	QPSK	25	0	23.13	23.33	23.31		
5	16QAM	1	0	23.27	23.44	23.24	24.5	1
5	16QAM	1	12	23.11	23.19	23.11		
5	16QAM	1	24	23.08	23.19	23.22		
5	16QAM	12	0	22.23	22.29	22.21	23.5	2
5	16QAM	12	7	22.17	22.24	22.21		
5	16QAM	12	13	22.14	22.24	22.28		
5	16QAM	25	0	22.25	22.23	22.22		
5	64QAM	1	0	22.36	22.39	22.35	23.5	2
5	64QAM	1	12	22.12	22.25	22.30		
5	64QAM	1	24	22.27	22.35	22.34		
5	64QAM	12	0	21.21	21.35	21.27	22.5	3
5	64QAM	12	7	21.23	21.19	21.23		
5	64QAM	12	13	21.17	21.39	21.33		
5	64QAM	25	0	21.26	21.32	21.28		
5	256QAM	1	0	19.13	19.27	19.24	20.5	5
5	256QAM	1	12	19.16	19.25	19.23		
5	256QAM	1	24	19.13	19.29	19.20		
5	256QAM	12	0	19.11	19.32	19.13	20.5	5
5	256QAM	12	7	19.17	19.31	19.28		
5	256QAM	12	13	19.12	19.34	19.28		
5	256QAM	25	0	19.19	19.30	19.30		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.24	24.49	24.38	25.5	0
3	QPSK	1	8	24.38	24.43	24.28		
3	QPSK	1	14	24.25	24.44	24.39		
3	QPSK	8	0	23.35	23.44	23.29	24.5	1
3	QPSK	8	4	23.30	23.33	23.36		
3	QPSK	8	7	23.20	23.34	23.25		
3	QPSK	15	0	23.12	23.39	23.28		
3	16QAM	1	0	23.20	23.46	23.31	24.5	1
3	16QAM	1	8	23.23	23.18	23.20		
3	16QAM	1	14	23.13	23.22	23.21		
3	16QAM	8	0	22.20	22.36	22.22	23.5	2
3	16QAM	8	4	22.17	22.29	22.20		
3	16QAM	8	7	22.21	22.33	22.16		
3	16QAM	15	0	22.19	22.28	22.20		
3	64QAM	1	0	22.33	22.43	22.39	23.5	2
3	64QAM	1	8	22.18	22.25	22.29		
3	64QAM	1	14	22.22	22.24	22.32		
3	64QAM	8	0	21.20	21.36	21.28	22.5	3
3	64QAM	8	4	21.22	21.30	21.22		
3	64QAM	8	7	21.21	21.34	21.24		
3	64QAM	15	0	21.26	21.30	21.24		
3	256QAM	1	0	19.13	19.29	19.23	20.5	5
3	256QAM	1	8	19.22	19.26	19.20		
3	256QAM	1	14	19.18	19.19	19.22		
3	256QAM	8	0	19.16	19.32	19.16	20.5	5
3	256QAM	8	4	19.16	19.25	19.21		
3	256QAM	8	7	19.21	19.26	19.31		
3	256QAM	15	0	19.22	19.29	19.24		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.28	24.46	24.34	25.5	0
1.4	QPSK	1	3	24.33	24.35	24.32		
1.4	QPSK	1	5	24.26	24.46	24.43		
1.4	QPSK	3	0	24.24	24.41	24.24		
1.4	QPSK	3	1	24.33	24.27	24.37		
1.4	QPSK	3	3	24.23	24.32	24.22		
1.4	QPSK	6	0	23.22	23.35	23.22	24.5	1
1.4	16QAM	1	0	23.23	23.48	23.26	24.5	1
1.4	16QAM	1	3	23.16	23.17	23.18		
1.4	16QAM	1	5	23.15	23.21	23.20		
1.4	16QAM	3	0	23.23	23.30	23.28		
1.4	16QAM	3	1	23.21	23.28	23.22		
1.4	16QAM	3	3	23.16	23.26	23.26		
1.4	16QAM	6	0	22.24	22.23	22.25	23.5	2
1.4	64QAM	1	0	22.27	22.47	22.37	23.5	2
1.4	64QAM	1	3	22.17	22.32	22.23		
1.4	64QAM	1	5	22.20	22.26	22.29		
1.4	64QAM	3	0	22.18	22.44	22.31		
1.4	64QAM	3	1	22.32	22.19	22.24		
1.4	64QAM	3	3	22.25	22.37	22.35		
1.4	64QAM	6	0	21.25	21.41	21.23	22.5	3
1.4	256QAM	1	0	19.20	19.31	19.24	20.5	5
1.4	256QAM	1	3	19.22	19.26	19.22		
1.4	256QAM	1	5	19.21	19.18	19.19		
1.4	256QAM	3	0	19.22	19.30	19.16		
1.4	256QAM	3	1	19.19	19.29	19.19		
1.4	256QAM	3	3	19.17	19.35	19.26		
1.4	256QAM	6	0	19.14	19.26	19.27	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.78	23.02	22.84	24	0
20	QPSK	1	49	22.86	22.91	22.93		
20	QPSK	1	99	22.84	22.95	22.94		
20	QPSK	50	0	21.75	21.95	21.80	23	1
20	QPSK	50	24	21.81	21.85	21.80		
20	QPSK	50	50	21.73	21.82	21.87		
20	QPSK	100	0	21.79	21.90	21.81		
20	16QAM	1	0	21.77	21.94	21.88	23	1
20	16QAM	1	49	21.80	21.86	21.83		
20	16QAM	1	99	21.82	21.92	21.83		
20	16QAM	50	0	20.74	20.93	20.78	22	2
20	16QAM	50	24	20.71	20.78	20.85		
20	16QAM	50	50	20.76	20.89	20.77		
20	16QAM	100	0	20.80	20.79	20.83		
20	64QAM	1	0	20.82	20.91	20.88	22	2
20	64QAM	1	49	20.89	20.94	20.86		
20	64QAM	1	99	20.81	20.92	20.94		
20	64QAM	50	0	19.85	19.98	19.82	21	3
20	64QAM	50	24	19.86	19.84	19.85		
20	64QAM	50	50	19.86	19.89	19.85		
20	64QAM	100	0	19.86	19.84	19.88		
20	256QAM	1	0	17.78	17.86	17.74	19	5
20	256QAM	1	49	17.78	17.85	17.76		
20	256QAM	1	99	17.69	17.81	17.78		
20	256QAM	50	0	17.70	17.90	17.81	19	5
20	256QAM	50	24	17.70	17.79	17.82		
20	256QAM	50	50	17.76	17.77	17.81		
20	256QAM	100	0	17.74	17.86	17.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.68	22.98	22.69	24	0
15	QPSK	1	37	22.74	22.85	22.82		
15	QPSK	1	74	22.75	22.85	22.80		
15	QPSK	36	0	21.64	21.89	21.72	23	1
15	QPSK	36	20	21.67	21.70	21.72		
15	QPSK	36	39	21.66	21.73	21.74		
15	QPSK	75	0	21.61	21.81	21.72		
15	16QAM	1	0	21.66	21.82	21.78	23	1
15	16QAM	1	37	21.66	21.75	21.74		
15	16QAM	1	74	21.74	21.68	21.74		
15	16QAM	36	0	20.66	20.80	20.71	22	2
15	16QAM	36	20	20.58	20.74	20.74		
15	16QAM	36	39	20.67	20.84	20.73		
15	16QAM	75	0	20.75	20.68	20.80		
15	64QAM	1	0	20.71	20.81	20.81	22	2
15	64QAM	1	37	20.79	20.85	20.77		
15	64QAM	1	74	20.72	20.83	20.90		
15	64QAM	36	0	19.77	19.94	19.73	21	3
15	64QAM	36	20	19.74	19.69	19.81		
15	64QAM	36	39	19.73	19.85	19.80		
15	64QAM	75	0	19.73	19.76	19.81		
15	256QAM	1	0	17.74	17.72	17.69	19	5
15	256QAM	1	37	17.68	17.74	17.65		
15	256QAM	1	74	17.55	17.67	17.65		
15	256QAM	36	0	17.60	17.76	17.78	19	5
15	256QAM	36	20	17.57	17.74	17.76		
15	256QAM	36	39	17.70	17.67	17.77		
15	256QAM	75	0	17.64	17.81	17.64		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.72	22.98	22.80	24	0
10	QPSK	1	25	22.74	22.86	22.81		
10	QPSK	1	49	22.73	22.90	22.88		
10	QPSK	25	0	21.72	21.87	21.77	23	1
10	QPSK	25	12	21.66	21.76	21.87		
10	QPSK	25	25	21.59	21.70	21.82		
10	QPSK	50	0	21.67	21.86	21.76		
10	16QAM	1	0	21.69	21.89	21.73	23	1
10	16QAM	1	25	21.68	21.82	21.72		
10	16QAM	1	49	21.77	21.88	21.72		
10	16QAM	25	0	20.60	20.81	20.75	22	2
10	16QAM	25	12	20.65	20.68	20.74		
10	16QAM	25	25	20.71	20.80	20.68		
10	16QAM	50	0	20.67	20.72	20.74		
10	64QAM	1	0	20.71	20.84	20.76	22	2
10	64QAM	1	25	20.77	20.84	20.79		
10	64QAM	1	49	20.67	20.85	20.89		
10	64QAM	25	0	19.77	19.91	19.70	21	3
10	64QAM	25	12	19.82	19.77	19.76		
10	64QAM	25	25	19.75	19.80	19.71		
10	64QAM	50	0	19.77	19.76	19.73		
10	256QAM	1	0	17.67	17.76	17.64	19	5
10	256QAM	1	25	17.64	17.73	17.67		
10	256QAM	1	49	17.63	17.75	17.65		
10	256QAM	25	0	17.66	17.75	17.75	19	5
10	256QAM	25	12	17.61	17.76	17.73		
10	256QAM	25	25	17.69	17.71	17.75		
10	256QAM	50	0	17.59	17.74	17.66		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.73	22.92	22.70	24	0
5	QPSK	1	12	22.75	22.83	22.82		
5	QPSK	1	24	22.70	22.93	22.86		
5	QPSK	12	0	21.71	21.91	21.75	23	1
5	QPSK	12	7	21.71	21.74	21.74		
5	QPSK	12	13	21.64	21.69	21.79		
5	QPSK	25	0	21.62	21.77	21.70		
5	16QAM	1	0	21.71	21.90	21.82	23	1
5	16QAM	1	12	21.67	21.78	21.75		
5	16QAM	1	24	21.72	21.77	21.71		
5	16QAM	12	0	20.66	20.80	20.69	22	2
5	16QAM	12	7	20.61	20.71	20.79		
5	16QAM	12	13	20.72	20.81	20.68		
5	16QAM	25	0	20.76	20.74	20.76		
5	64QAM	1	0	20.77	20.86	20.81	22	2
5	64QAM	1	12	20.83	20.79	20.77		
5	64QAM	1	24	20.76	20.86	20.88		
5	64QAM

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BW [MHz]	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	22.60	22.66	22.62	23.5	0
20	QPSK	1	49	22.54	22.62	22.51		
20	QPSK	1	99	22.53	22.53	22.61		
20	QPSK	50	0	21.40	21.56	21.39	22.5	1
20	QPSK	50	24	21.36	21.50	21.43		
20	QPSK	50	50	21.36	21.48	21.52		
20	QPSK	100	0	21.32	21.56	21.40		
20	16QAM	1	0	21.48	21.54	21.53	22.5	1
20	16QAM	1	49	21.40	21.46	21.36		
20	16QAM	1	99	21.29	21.44	21.47		
20	16QAM	50	0	20.32	20.48	20.38	21.5	2
20	16QAM	50	24	20.30	20.41	20.33		
20	16QAM	50	50	20.28	20.40	20.30		
20	16QAM	100	0	20.32	20.33	20.32		
20	64QAM	1	0	20.44	20.51	20.55	21.5	2
20	64QAM	1	49	20.43	20.54	20.37		
20	64QAM	1	99	20.44	20.45	20.50		
20	64QAM	50	0	19.36	19.51	19.40	20.5	3
20	64QAM	50	24	19.39	19.45	19.44		
20	64QAM	50	50	19.38	19.47	19.41		
20	64QAM	100	0	19.34	19.45	19.40		
20	256QAM	1	0	17.33	17.42	17.43	18.5	5
20	256QAM	1	49	17.38	17.44	17.44		
20	256QAM	1	99	17.42	17.51	17.35		
20	256QAM	50	0	17.32	17.54	17.48	18.5	5
20	256QAM	50	24	17.42	17.44	17.40		
20	256QAM	50	50	17.44	17.42	17.34		
20	256QAM	100	0	17.40	17.44	17.42		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.47	22.56	22.49	23.5	0
15	QPSK	1	37	22.51	22.56	22.42		
15	QPSK	1	74	22.46	22.41	22.55		
15	QPSK	36	0	21.30	21.49	21.32	22.5	1
15	QPSK	36	20	21.26	21.37	21.37		
15	QPSK	36	39	21.30	21.37	21.48		
15	QPSK	75	0	21.21	21.45	21.26		
15	16QAM	1	0	21.34	21.49	21.44	22.5	1
15	16QAM	1	37	21.28	21.32	21.25		
15	16QAM	1	74	21.20	21.36	21.37		
15	16QAM	36	0	20.19	20.34	20.34	21.5	2
15	16QAM	36	20	20.27	20.34	20.21		
15	16QAM	36	39	20.19	20.29	20.21		
15	16QAM	75	0	20.24	20.24	20.29		
15	64QAM	1	0	20.37	20.41	20.41	21.5	2
15	64QAM	1	37	20.35	20.44	20.33		
15	64QAM	1	74	20.29	20.39	20.39		
15	64QAM	36	0	19.21	19.45	19.34	20.5	3
15	64QAM	36	20	19.27	19.36	19.39		
15	64QAM	36	39	19.28	19.39	19.37		
15	64QAM	75	0	19.26	19.32	19.36		
15	256QAM	1	0	17.25	17.35	17.29	18.5	5
15	256QAM	1	37	17.28	17.38	17.34		
15	256QAM	1	74	17.29	17.41	17.21		
15	256QAM	36	0	17.28	17.48	17.40	18.5	5
15	256QAM	36	20	17.38	17.30	17.33		
15	256QAM	36	39	17.34	17.34	17.30		
15	256QAM	75	0	17.34	17.32	17.34		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.49	22.59	22.57	23.5	0
10	QPSK	1	25	22.50	22.55	22.38		
10	QPSK	1	49	22.50	22.40	22.56		
10	QPSK	25	0	21.34	21.41	21.33	22.5	1
10	QPSK	25	12	21.22	21.41	21.35		
10	QPSK	25	25	21.31	21.36	21.40		
10	QPSK	50	0	21.25	21.47	21.33		
10	16QAM	1	0	21.38	21.45	21.49	22.5	1
10	16QAM	1	25	21.25	21.36	21.26		
10	16QAM	1	49	21.20	21.38	21.44		
10	16QAM	25	0	20.24	20.42	20.23	21.5	2
10	16QAM	25	12	20.25	20.36	20.20		
10	16QAM	25	25	20.19	20.25	20.26		
10	16QAM	50	0	20.20	20.24	20.26		
10	64QAM	1	0	20.29	20.41	20.52	21.5	2
10	64QAM	1	25	20.35	20.41	20.33		
10	64QAM	1	49	20.39	20.36	20.40		
10	64QAM	25	0	19.22	19.45	19.33	20.5	3
10	64QAM	25	12	19.35	19.31	19.29		
10	64QAM	25	25	19.31	19.40	19.28		
10	64QAM	50	0	19.30	19.34	19.26		
10	256QAM	1	0	17.24	17.36	17.34	18.5	5
10	256QAM	1	25	17.31	17.38	17.31		
10	256QAM	1	49	17.29	17.46	17.29		
10	256QAM	25	0	17.20	17.40	17.42	18.5	5
10	256QAM	25	12	17.28	17.33	17.26		
10	256QAM	25	25	17.36	17.36	17.24		
10	256QAM	50	0	17.27	17.38	17.37		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.46	22.53	22.57	23.5	0
5	QPSK	1	12	22.42	22.55	22.45		
5	QPSK	1	24	22.43	22.45	22.46		
5	QPSK	12	0	21.31	21.52	21.30	22.5	1
5	QPSK	12	7	21.28	21.43	21.39		
5	QPSK	12	13	21.30	21.37	21.42		
5	QPSK	25	0	21.22	21.43	21.25		
5	16QAM	1	0	21.38	21.48	21.40	22.5	1
5	16QAM	1	12	21.30	21.34	21.37		
5	16QAM	1	24	21.15	21.36	21.43		
5	16QAM	12	0	20.21	20.42	20.30	21.5	2
5	16QAM	12	7	20.21	20.28	20.24		
5	16QAM	12	13	20.22	20.26	20.16		
5	16QAM	25	0	20.26	20.25	20.24		
5	64QAM	1	0	20.33	20.44	20.47	21.5	2
5	64QAM	1	12	20.38	20.43	20.31		
5	64QAM	1	24	20.30	20.33	20.44		
5	64QAM	12	0	19.29	19.40	19.32	20.5	3
5	64QAM	12	7	19.33	19.32	19.39		
5	64QAM	12	13	19.25	19.33	19.31		
5	64QAM	25	0	19.25	19.41	19.36		
5	256QAM	1	0	17.25	17.29	17.38	18.5	5
5	256QAM	1	12	17.28	17.40	17.40		
5	256QAM	1	24	17.27	17.40	17.22		
5	256QAM	12	0	17.25	17.47	17.44	18.5	5
5	256QAM	12	7	17.35	17.30	17.35		
5	256QAM	12	13	17.33	17.37	17.23		
5	256QAM	25	0	17.33	17.30	17.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.68	22.61	22.72	22.55	22.52	23.5	0
20	QPSK	1	49	22.61	22.58	22.64	22.57	22.46		
20	QPSK	1	99	22.51	22.56	22.59	22.65	22.49		
20	QPSK	50	0	21.54	21.46	21.65	21.57	21.55	22.5	1
20	QPSK	50	24	21.45	21.49	21.48	21.47	21.45		
20	QPSK	50	50	21.43	21.43	21.61	21.55	21.41		
20	QPSK	100	0	21.43	21.39	21.58	21.41	21.46		
20	16QAM	1	0	21.44	21.55	21.56	21.55	21.52	22.5	1
20	16QAM	1	49	21.42	21.28	21.45	21.43	21.32		
20	16QAM	1	99	21.29	21.30	21.34	21.43	21.34		
20	16QAM	50	0	20.50	20.38	20.54	20.40	20.46	21.5	2
20	16QAM	50	24	20.36	20.41	20.44	20.47	20.33		
20	16QAM	50	50	20.39	20.44	20.49	20.48	20.30		
20	16QAM	100	0	20.38	20.40	20.50	20.42	20.41		
20	64QAM	1	0	20.54	20.53	20.71	20.64	20.60	21.5	2
20	64QAM	1	49	20.31	20.39	20.44	20.39	20.38		
20	64QAM	1	99	20.39	20.32	20.49	20.37	20.33		
20	64QAM	50	0	19.47	19.48	19.58	19.43	19.47	20.5	3
20	64QAM	50	24	19.29	19.43	19.45	19.40	19.36		
20	64QAM	50	50	19.39	19.43	19.45	19.53	19.42		
20	64QAM	100	0	19.36	19.50	19.45	19.52	19.36		
20	256QAM	1	0	17.39	17.43	17.47	17.51	17.44	18.5	5
20	256QAM	1	49	17.36	17.49	17.45	17.46	17.39		
20	256QAM	1	99	17.50	17.43	17.55	17.49	17.43		
20	256QAM	50	0	17.51	17.44	17.63	17.51	17.52	18.5	5
20	256QAM	50	24	17.41	17.52	17.52	17.47	17.43		
20	256QAM	50	50	17.36	17.43	17.46	17.50	17.33		
20	256QAM	100	0	17.43	17.48	17.55	17.49	17.42		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.53	22.42	22.61	22.44	22.51	23.50	0
15	QPSK	1	37	22.46	22.48	22.51	22.43	22.43		
15	QPSK	1	74	22.40	22.47	22.49	22.55	22.37		
15	QPSK	36	0	21.41	21.32	21.55	21.44	21.40	22.5	1
15	QPSK	36	20	21.31	21.37	21.36	21.35	21.33		
15	QPSK	36	39	21.29	21.32	21.48	21.42	21.30		
15	QPSK	75	0	21.34	21.25	21.47	21.32	21.32		
15	16QAM	1	0	21.34	21.41	21.47	21.43	21.37	22.5	1
15	16QAM	1	37	21.31	21.15	21.32	21.30	21.19		
15	16QAM	1	74	21.17	21.17	21.20	21.32	21.23		
15	16QAM	36	0	20.39	20.25	20.43	20.30	20.32	21.5	2
15	16QAM	36	20	20.23	20.29	20.30	20.35	20.20		
15	16QAM	36	39	20.29	20.33	20.35	20.35	20.18		
15	16QAM	75	0	20.26	20.29	20.39	20.32	20.27		
15	64QAM	1	0	20.39	20.42	20.57	20.50	20.48	21.5	2
15	64QAM	1	37	20.18	20.29	20.30	20.29	20.26		
15	64QAM	1	74	20.29	20.22	20.37	20.27	20.18		
15	64QAM	36	0	19.37	19.36	19.45	19.30	19.37	20.5	3
15	64QAM	36	20	19.17	19.29	19.32	19.26	19.24		
15	64QAM	36	39	19.25	19.34	19.30	19.43	19.29		
15	64QAM	75	0	19.25	19.41	19.34	19.39	19.25		
15	256QAM	1	0	17.28	17.33	17.37	17.36	17.31	18.5	5
15	256QAM	1	37	17.26	17.39	17.33	17.33	17.29		
15	256QAM	1	74	17.35	17.30	17.44	17.39	17.31		
15	256QAM	36	0	17.37	17.33	17.48	17.36	17.41	18.5	5
15	256QAM	36	20	17.29	17.40	17.40	17.37	17.31		
15	256QAM	36	39	17.24	17.32	17.33	17.40	17.24		
15	256QAM	75	0	17.33	17.38	17.45	17.37	17.30		
Channel				39700	40100	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.55	22.42	22.63	22.41	22.52	23.50	0
10	QPSK	1	25	22.49	22.43	22.55	22.43	22.42		
10	QPSK	1	49	22.42	22.41	22.48	22.51	22.37		
10	QPSK	25	0	21.40	21.32	21.55	21.44	21.40	22.5	1
10	QPSK	25	12	21.35	21.35	21.33	21.37	21.30		
10	QPSK	25	25	21.31	21.32	21.51	21.45	21.34		
10	QPSK	50	0	21.30	21.25	21.45	21.28	21.36		
10	16QAM	1	0	21.34	21.44	21.46	21.40	21.43	22.5	1
10	16QAM	1	25	21.29	21.16	21.32	21.33	21.20		
10	16QAM	1	49	21.19	21.18	21.20	21.32	21.21		
10	16QAM	25	0	20.36	20.24	20.45	20.27	20.34	21.5	2
10	16QAM	25	12	20.25	20.29	20.33	20.37	20.24		
10	16QAM	25	25	20.26	20.30	20.38	20.36	20.19		
10	16QAM	50	0	20.24	20.26	20.39	20.31	20.30		
10	64QAM	1	0	20.44	20.41	20.60	20.52	20.50	21.5	2
10	64QAM	1	25	20.21	20.29	20.33	20.25	20.26		
10	64QAM	1	49	20.28	20.21	20.34	20.23	20.23		
10	64QAM	25	0	19.33	19.38	19.49	19.29	19.36	20.5	3
10	64QAM	25	12	19.19	19.34	19.33	19.30	19.26		
10	64QAM	25	25	19.29	19.29	19.34	19.38	19.28		
10	64QAM	50	0	19.25	19.40	19.32	19.39	19.24		
10	256QAM	1	0	17.29	17.30	17.34	17.42	17.35	18.5	5
10	256QAM	1	25	17.24	17.35	17.36	17.36	17.25		
10	256QAM	1	49	17.35	17.33	17.44	17.36	17.30		
10	256QAM	25	0	17.41	17.31	17.49	17.38	17.41	18.5	5
10	256QAM	25	12	17.30	17.42	17.40	17.34	17.32		
10	256QAM	25	25	17.24	17.32	17.36	17.38	17.19		
10	256QAM	50	0	17.29	17.39	17.45	17.35	17.29		
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	22.59	22.39	22.61	22.46	22.54	23.50	0
5	QPSK	1	12	22.48	22.49	22.52	22.43	22.44		
5	QPSK	1	24	22.37	22.42	22.44	22.53	22.35		
5	QPSK	12	0	21.40	21.31	21.53	21.44	21.45	22.5	1
5	QPSK	12	7	21.36	21.36	21.33	21.32	21.33		
5	QPSK	12	13	21.29	21.30	21.47	21.44	21.35		
5	QPSK	25	0	21.32	21.25	21.47	21.28	21.35		
5	16QAM	1	0	21.32	21.45	21.47	21.41	21.42	22.5	1
5	16QAM	1	12	21.29	21.13	21.35	21.32	21.22		
5	16QAM	1	24	21.14	21.17	21.20	21.31	21.19		
5	16QAM	12	0	20.36	20.28	20.41	20.27	20.37	21.5	2
5	16QAM	12	7	20.26	20.26	20.31	20.36	20.20		
5	16QAM	12	13	20.24	20.31	20.37	20.39	20.20		
5	16QAM	25	0	20.27	20.29	20.37	20.31	20.26		
5	64QAM	1	0	20.43	20.42	20.56	20.50	20.48	21.5	2
5	64QAM	1	12	20.17	20.29	20.34	20.24	20.27		
5	64QAM	1	24	20.26	20.19	20.40	20.23	20.18		
5	64QAM	12	0	19.35	19.34	19.46	19.29	19.36	20.5	3
5	64QAM	12	7	19.17	19.31	19.35	19.26	19.24		
5	64QAM	12	13	19.29	19.33	19.35	19.41	19.27		
5	64QAM	25	0	19.23	19.36	19.31	19.37	19.22		
5	256QAM	1	0	17.26	17.32	17.36	17.39	17.29	18.5	5
5	256QAM	1	12	17.26	17.36	17.32	17.35	17.28		
5	256QAM	1	24	17.37	17.28	17.43	17.36	17.33		
5	256QAM	12	0	17.40	17.34	17.51	17.41	17.38	18.5	5
5	256QAM	12	7	17.27	17.38	17.38	17.33	17.33		
5	256QAM	12	13	17.24	17.28	17.34	17.36	17.19		
5	256QAM	25	0	17.30	17.35	17.42	17.37	17.31		

Band 42 Ant0 FCC Part27Q 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.95	22.01	21.87	24	0
20	QPSK	1	49	21.74	21.89	21.77		
20	QPSK	1	99	21.89	21.94	21.89		
20	QPSK	50	0	21.03	21.08	20.97	22	2
20	QPSK	50	24	20.86	20.91	20.87		
20	QPSK	50	50	20.91	20.99	20.91		
20	QPSK	100	0	20.90	21.00	20.95		
20	16QAM	1	0	21.06	21.10	21.06	22	2
20	16QAM	1	49	20.84	20.96	20.90		
20	16QAM	1	99	20.91	21.01	20.97		
20	16QAM	50	0	19.93	20.06	19.93	21	3
20	16QAM	50	24	19.92	20.02	19.96		
20	16QAM	50	50	19.80	19.95	19.89		
20	16QAM	100	0	19.99	20.03	19.93		
20	64QAM	1	0	17.89	17.98	17.84	19	5
20	64QAM	1	49	17.80	17.86	17.83		
20	64QAM	1	99	17.84	17.91	17.77		
20	64QAM	50	0	17.95	18.04	17.89	19	5
20	64QAM	50	24	17.88	17.93	17.88		
20	64QAM	50	50	17.73	17.87	17.82		
20	64QAM	100	0	17.86	17.98	17.91		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.76	22.97	22.94	24	0
15	QPSK	1	37	22.82	22.91	22.85		
15	QPSK	1	74	22.73	22.90	22.81		
15	QPSK	36	0	21.92	22.06	21.96	23	1
15	QPSK	36	20	21.85	21.92	21.82		
15	QPSK	36	39	21.73	21.90	21.75		
15	QPSK	75	0	21.72	21.84	21.80		
15	16QAM	1	0	21.85	21.96	21.80	23	1
15	16QAM	1	37	21.59	21.75	21.70		
15	16QAM	1	74	21.76	21.85	21.81		
15	16QAM	36	0	20.99	20.96	20.83	22	2
15	16QAM	36	20	20.74	20.88	20.74		
15	16QAM	36	39	20.86	20.89	20.86		
15	16QAM	75	0	20.78	20.87	20.87		
15	64QAM	1	0	20.96	21.02	20.92	22	2
15	64QAM	1	37	20.75	20.85	20.80		
15	64QAM	1	74	20.85	20.90	20.92		
15	64QAM	36	0	19.82	19.96	19.87	21	3
15	64QAM	36	20	19.79	19.94	19.90		
15	64QAM	36	39	19.75	19.85	19.76		
15	64QAM	75	0	19.84	19.90	19.81		
15	256QAM	1	0	17.77	17.87	17.73	19	5
15	256QAM	1	37	17.66	17.79	17.72		
15	256QAM	1	74	17.73	17.84	17.68		
15	256QAM	36	0	17.91	17.93	17.85	19	5
15	256QAM	36	20	17.81	17.90	17.75		
15	256QAM	36	39	17.67	17.74	17.78		
15	256QAM	75	0	17.71	17.93	17.86		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.70	22.99	22.90	24	0
10	QPSK	1	25	22.75	22.89	22.86		
10	QPSK	1	49	22.81	22.85	22.74		
10	QPSK	25	0	21.86	22.04	21.92	23	1
10	QPSK	25	12	21.86	21.88	21.87		
10	QPSK	25	25	21.80	21.88	21.75		
10	QPSK	50	0	21.70	21.88	21.83		
10	16QAM	1	0	21.90	21.88	21.73	23	1
10	16QAM	1	25	21.61	21.80	21.73		
10	16QAM	1	49	21.78	21.90	21.76		
10	16QAM	25	0	20.95	21.00	20.91	22	2
10	16QAM	25	12	20.82	20.80	20.72		
10	16QAM	25	25	20.79	20.94	20.76		
10	16QAM	50	0	20.76	20.96	20.85		
10	64QAM	1	0	21.00	20.96	21.02	22	2
10	64QAM	1	25	20.74	20.83	20.80		
10	64QAM	1	49	20.81	20.91	20.84		
10	64QAM	25	0	19.81	19.94	19.88	21	3
10	64QAM	25	12	19.85	19.94	19.89		
10	64QAM	25	25	19.70	19.82	19.75		
10	64QAM	50	0	19.88	19.94	19.81		
10	256QAM	1	0	17.79	17.85	17.76	19	5
10	256QAM	1	25	17.75	17.76	17.77		
10	256QAM	1	49	17.77	17.78	17.66		
10	256QAM	25	0	17.83	17.91	17.85	19	5
10	256QAM	25	12	17.74	17.88	17.80		
10	256QAM	25	25	17.66	17.73	17.73		
10	256QAM	50	0	17.82	17.86	17.88		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.81	22.93	22.87	24	0
5	QPSK	1	12	22.78	22.85	22.86		
5	QPSK	1	24	22.78	22.86	22.71		
5	QPSK	12	0	21.93	21.98	21.95	23	1
5	QPSK	12	7	21.87	21.88	21.86		
5	QPSK	12	13	21.74	21.90	21.76		
5	QPSK	25	0	21.74	21.85	21.76		
5	16QAM	1	0	21.86	21.91	21.74	23	1
5	16QAM	1	12	21.66	21.83	21.68		
5	16QAM	1	24	21.75	21.86	21.78		
5	16QAM	12	0	20.93	21.05	20.82	22	2
5	16QAM	12	7	20.77	20.79	20.79		
5	16QAM	12	13	20.78	20.93	20.77		
5	16QAM	25	0	20.81	20.87	20.80		
5	64QAM	1	0	20.97	21.07	21.01	22	2
5	64QAM	1	12

GSM850 Ant1 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	32.25	32.19	32.18	32.50	23.25	23.19	23.18	23.50
GPRS 1 Tx slot	32.22	32.16	32.06	32.50	23.22	23.16	23.06	23.50
GPRS 2 Tx slots	29.13	29.11	28.97	29.50	23.13	23.11	22.97	23.50
GPRS 3 Tx slots	27.15	27.23	26.93	27.50	22.89	22.97	22.67	23.24
GPRS 4 Tx slots	25.98	26.24	26.12	26.50	22.98	23.24	23.12	23.50
EDGE 1 Tx slot	25.91	26.04	25.92	26.50	16.91	17.04	16.92	17.50
EDGE 2 Tx slots	22.85	23.11	22.86	23.50	16.85	17.11	16.86	17.50
EDGE 3 Tx slots	21.21	21.25	21.08	21.50	16.95	16.99	16.82	17.24
EDGE 4 Tx slots	20.32	20.37	20.10	20.50	17.32	17.37	17.10	17.50

WCDMA V Ant1 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	24.29	24.34	24.25	25.00
3GPP Rel 99	RMC 12.2Kbps	24.41	24.43	24.32	25.00
3GPP Rel 6	HSDPA Subtest-1	23.31	23.52	23.24	24.00
3GPP Rel 6	HSDPA Subtest-2	23.19	23.40	23.31	24.00
3GPP Rel 6	HSDPA Subtest-3	22.85	22.95	22.70	23.50
3GPP Rel 6	HSDPA Subtest-4	22.92	22.73	22.91	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.36	23.48	23.19	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.22	23.40	23.44	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.73	22.86	22.76	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.98	22.87	22.79	23.50
3GPP Rel 6	HSUPA Subtest-1	23.42	23.46	23.22	24.00
3GPP Rel 6	HSUPA Subtest-2	21.23	21.36	21.34	22.00
3GPP Rel 6	HSUPA Subtest-3	22.25	22.43	22.41	23.00
3GPP Rel 6	HSUPA Subtest-4	21.39	21.44	21.27	22.00
3GPP Rel 6	HSUPA Subtest-5	23.15	23.49	23.25	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.75	20.79	20.65	21.50

Band 5 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.13	24.21	24.06		
10	QPSK	1	25	24.10	24.08	24.07	25	0
10	QPSK	1	49	23.98	24.09	24.12		
10	QPSK	25	0	23.06	23.18	23.03		
10	QPSK	25	12	22.98	23.05	23.11	24	1
10	QPSK	25	25	23.05	23.12	23.09		
10	QPSK	50	0	22.95	23.12	22.94		
10	16QAM	1	0	23.09	23.25	23.18		
10	16QAM	1	25	23.12	23.23	23.09	24	1
10	16QAM	1	49	23.13	23.13	23.10		
10	16QAM	25	0	22.09	22.20	22.11		
10	16QAM	25	12	22.07	22.13	22.11	23	2
10	16QAM	25	25	22.02	22.16	22.08		
10	16QAM	50	0	22.02	22.17	22.09		
10	64QAM	1	0	22.15	22.21	22.24		
10	64QAM	1	25	22.14	22.16	22.16	23	2
10	64QAM	1	49	22.08	22.18	22.17		
10	64QAM	25	0	21.02	21.23	21.06		
10	64QAM	25	12	21.10	21.09	21.09	22	3
10	64QAM	25	25	21.09	21.10	21.05		
10	64QAM	50	0	21.08	21.10	21.13		
10	256QAM	1	0	19.04	19.09	19.00		
10	256QAM	1	25	19.06	19.08	19.00	20	5
10	256QAM	1	49	18.97	19.07	18.98		
10	256QAM	25	0	18.98	19.17	19.03		
10	256QAM	25	12	19.04	19.08	19.08	20	5
10	256QAM	25	25	18.96	19.13	19.03		
10	256QAM	50	0	18.95	19.11	19.06		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.09	24.11	24.01		
5	QPSK	1	12	23.97	24.01	23.92	25	0
5	QPSK	1	24	23.87	24.04	24.08		
5	QPSK	12	0	22.97	23.07	22.97		
5	QPSK	12	7	22.90	22.98	22.97	24	1
5	QPSK	12	13	23.00	23.07	23.03		
5	QPSK	25	0	22.85	23.03	22.89		
5	16QAM	1	0	23.04	23.16	23.10		
5	16QAM	1	12	22.97	23.18	23.05	24	1
5	16QAM	1	24	23.00	23.00	23.07		
5	16QAM	12	0	21.98	22.14	21.96		
5	16QAM	12	7	21.93	22.06	22.07	23	2
5	16QAM	12	13	21.87	22.10	21.95		
5	16QAM	25	0	21.89	22.04	21.95		
5	64QAM	1	0	22.09	22.15	22.13		
5	64QAM	1	12	22.05	22.08	22.10	23	2
5	64QAM	1	24	22.03	22.07	22.11		
5	64QAM	12	0	20.92	21.18	20.97		
5	64QAM	12	7	21.02	21.00	21.05	22	3
5	64QAM	12	13	21.06	21.04	20.95		
5	64QAM	25	0	21.01	21.06	20.99		
5	256QAM	1	0	18.96	18.97	18.91		
5	256QAM	1	12	19.01	18.97	18.88	20	5
5	256QAM	1	24	18.91	18.92	18.95		
5	256QAM	12	0	18.83	19.08	18.89		
5	256QAM	12	7	18.91	19.04	18.97	20	5
5	256QAM	12	13	18.85	19.08	18.88		
5	256QAM	25	0	18.86	19.02	18.97		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.05	24.13	23.98		
3	QPSK	1	8	23.97	24.01	23.94	25	0
3	QPSK	1	14	23.90	23.95	24.04		
3	QPSK	8	0	22.98	23.04	22.97		
3	QPSK	8	4	22.83	22.90	22.98	24	1
3	QPSK	8	7	22.97	22.99	23.04		
3	QPSK	15	0	22.83	22.99	22.90		
3	16QAM	1	0	23.00	23.17	23.10		
3	16QAM	1	8	23.02	23.16	22.99	24	1
3	16QAM	1	14	23.03	23.03	23.01		
3	16QAM	8	0	21.99	22.15	22.02		
3	16QAM	8	4	21.93	22.08	21.98	23	2
3	16QAM	8	7	21.93	22.11	22.01		
3	16QAM	15	0	21.88	22.04	22.04		
3	64QAM	1	0	22.08	22.09	22.15		
3	64QAM	1	8	22.10	22.08	22.02	23	2
3	64QAM	1	14	22.02	22.12	22.03		
3	64QAM	8	0	20.93	21.16	20.98		
3	64QAM	8	4	21.01	21.04	20.98	22	3
3	64QAM	8	7	21.03	20.97	20.92		
3	64QAM	15	0	20.95	21.07	21.08		
3	256QAM	1	0	18.92	19.00	18.90		
3	256QAM	1	8	19.02	19.03	18.95	20	5
3	256QAM	1	14	18.91	18.95	18.85		
3	256QAM	8	0	18.91	19.08	18.93		
3	256QAM	8	4	18.98	19.01	18.94	20	5
3	256QAM	8	7	18.91	19.06	18.99		
3	256QAM	15	0	18.91	18.97	19.02		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.04	24.15	23.92		
1.4	QPSK	1	3	24.04	23.96	24.01		
1.4	QPSK	1	5	23.84	23.95	24.05	25	0
1.4	QPSK	3	0	23.92	24.04	23.95		
1.4	QPSK	3	1	23.87	23.98	24.07		
1.4	QPSK	3	3	23.93	24.05	24.02		
1.4	QPSK	6	0	22.90	23.04	22.84	24	1
1.4	16QAM	1	0	23.00	23.11	23.10		
1.4	16QAM	1	3	22.99	23.10	23.01		
1.4	16QAM	1	5	22.99	23.09	22.96	24	1
1.4	16QAM	3	0	22.97	23.06	23.01		
1.4	16QAM	3	1	22.99	23.07	22.96		
1.4	16QAM	3	3	22.94	23.13	23.01		
1.4	16QAM	6	0	21.88	22.04	22.04	23	2
1.4	64QAM	1	0	22.04	22.14	22.16		
1.4	64QAM	1	3	22.02	22.04	22.13		
1.4	64QAM	1	5	21.95	22.07	22.09	23	2
1.4	64QAM	3	0	21.94	22.14	21.99		
1.4	64QAM	3	1	22.05	22.00	22.02		
1.4	64QAM	3	3	21.98	21.96	21.93		
1.4	64QAM	6	0	20.99	21.02	21.07	22	3
1.4	256QAM	1	0	18.90	19.00	18.91		
1.4	256QAM	1	3	18.98	19.04	18.96		
1.4	256QAM	1	5	18.83	18.96	18.85	20	5
1.4	256QAM	3	0	18.84	19.12	18.91		
1.4	256QAM	3	1	18.92	18.97	19.00		
1.4	256QAM	3	3	18.88	19.04	18.91		
1.4	256QAM	6	0	18.82	18.99	19.01	20	5

Band 12 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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.27	24.31	24.24		
10	QPSK	1	25	24.13	24.24	24.20	25.5	0
10	QPSK	1	49	24.13	24.26	24.13		
10	QPSK	25	0	23.15	23.27	23.09		
10	QPSK	25	12	23.15	23.19	23.18	24.5	1
10	QPSK	25	25	23.15	23.12	23.08		
10	QPSK	50	0	23.02	23.22	23.07		
10	16QAM	1	0	23.25	23.39	23.32		
10	16QAM	1	25	23.18	23.24	23.21	24.5	1
10	16QAM	1	49	23.14	23.28	23.17		
10	16QAM	25	0	22.18	22.32	22.14		
10	16QAM	25	12	22.20	22.23	22.13	23.5	2
10	16QAM	25	25	22.11	22.18	22.14		
10	16QAM	50	0	22.13	22.27	22.20		
10	64QAM	1	0	22.27	22.30	22.30		
10	64QAM	1	25	22.11	22.17	22.16	23.5	2
10	64QAM	1	49	22.07	22.24	22.18		
10	64QAM	25	0	21.09	21.26	21.14		
10	64QAM	25	12	21.05	21.14	21.09	22.5	3
10	64QAM	25	25	21.07	21.17	21.19		
10	64QAM	50	0	21.05	21.22	21.08		
10	256QAM	1	0	19.10	19.17	19.19		
10	256QAM	1	25	19.12	19.18	19.23	20.5	5
10	256QAM	1	49	19.13	19.19	19.24		
10	256QAM	25	0	19.17	19.31	19.17		
10	256QAM	25	12	19.11	19.18	19.15	20.5	5
10	256QAM	25	25	19.15	19.27	19.18		
10	256QAM	50	0	19.09	19.18	19.16		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.16	24.17	24.09		
5	QPSK	1	12	24.00	24.11	24.07	25.5	0
5	QPSK	1	24	24.02	24.20	24.08		
5	QPSK	12	0	23.09	23.24	22.95		
5	QPSK	12	7	23.03	23.14	23.15	24.5	1
5	QPSK	12	13	23.08	22.99	22.96		
5	QPSK	25	0	22.87	23.13	22.93		
5	16QAM	1	0	23.19	23.35	23.17		
5	16QAM	1	12	23.03	23.19	23.16	24.5	1
5	16QAM	1	24	23.02	23.18	23.06		
5	16QAM	12	0	22.07	22.27	22.05		
5	16QAM	12	7	22.11	22.13	22.02	23.5	2
5	16QAM	12	13	22.03	22.14	22.05		
5	16QAM	25	0	22.01	22.16	22.15		
5	64QAM	1	0	22.13	22.24	22.22		
5	64QAM	1	12	22.06	22.02	22.09	23.5	2
5	64QAM	1	24	21.99	22.13	22.11		
5	64QAM	12	0	21.02	21.17	21.07		
5	64QAM	12	7	20.99	21.05	20.96	22.5	3
5	64QAM	12	13	21.03	21.14	21.06		
5	64QAM	25	0	21.01	21.10	20.93		
5	256QAM	1	0	18.96	19.11	19.14		
5	256QAM	1	12	19.08	19.03	19.16	20.5	5
5	256QAM	1	24	19.08	19.08	19.21		
5	256QAM	12	0	19.11	19.21	19.08		
5	256QAM	12	7	18.99	19.13	19.03	20.5	5
5	256QAM	12	13	19.07	19.21	19.14		
5	256QAM	25	0	19.02	19.09	19.10		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.14	24.22	24.10		
3	QPSK	1	8	24.04	24.14	24.12	25.5	0
3	QPSK	1	14	23.98	24.20	24.04		
3	QPSK	8	0	23.02	23.20	23.05		
3	QPSK	8	4	23.02	23.12	23.06	24.5	1
3	QPSK	8	7	23.02	23.01	22.94		
3	QPSK	15	0	22.93	23.16	22.95		
3	16QAM	1	0	23.19	23.29	23.19		
3	16QAM	1	8	23.07	23.18	23.11	24.5	1
3	16QAM	1	14	23.06	23.17	23.07		
3	16QAM	8	0	22.14	22.22	22.01		
3	16QAM	8	4	22.10	22.15	22.01	23.5	2
3	16QAM	8	7	22.00	22.14	22.02		
3	16QAM	15	0	22.08	22.16	22.15		
3	64QAM	1	0	22.12	22.24	22.17		
3	64QAM	1	8	22.06	22.11	22.10	23.5	2
3	64QAM	1	14	21.97	22.16	22.12		
3	64QAM	8	0	21.02	21.20	20.99		
3	64QAM	8	4	20.95	21.09	20.99	22.5	3
3	64QAM	8	7	21.03	21.03	21.13		
3	64QAM	15	0	21.01	21.09	21.03		
3	256QAM	1	0	18.98	19.12	19.10		
3	256QAM	1	8	19.03	19.07	19.09	20.5	5
3	256QAM	1	14	19.07	19.14	19.10		
3	256QAM	8	0	19.11	19.19	19.11		
3	256QAM	8	4	19.03	19.14	19.03	20.5	5
3	256QAM	8	7	19.06	19.24	19.09		
3	256QAM	15	0	18.94	19.08	19.03		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.19	24.16	24.17		
1.4	QPSK	1	3	24.08	24.18	24.13		
1.4	QPSK	1	5	23.99	24.22	23.99	25.5	0
1.4	QPSK	3	0	24.01	24.23	23.96		
1.4	QPSK	3	1	24.00	24.09	24.08		
1.4	QPSK	3	3	24.01	24.00	24.05		
1.4	QPSK	6	0	22.88	23.09	22.92	24.5	1
1.4	16QAM	1	0	23.15	23.24	23.28		
1.4	16QAM	1	3	23.03	23.10	23.12		
1.4	16QAM	1	5	23.05	23.19	23.08	24.5	1
1.4	16QAM	3	0	23.13	23.27	23.02		
1.4	16QAM	3	1	23.12	23.20	23.05		
1.4	16QAM	3	3	23.05	23.10	23.02		
1.4	16QAM	6	0	21.99	22.21	22.11	23.5	2
1.4	64QAM	1	0	22.18	22.26	22.19		
1.4	64QAM	1	3	22.02	22.11	22.13		
1.4	64QAM	1	5	21.93	22.16	22.10	23.5	2
1.4	64QAM	3	0	22.04	22.15	22.07		
1.4	64QAM	3	1	21.92	22.05	21.97		
1.4	64QAM	3	3	21.97	22.10	22.10		
1.4	64QAM	6	0	20.99	21.11	20.94	22.5	3
1.4	256QAM	1	0	19.00	19.03	19.16		
1.4	256QAM	1	3	19.07	19.13	19.11		
1.4	256QAM	1	5	18.99	19.15	19.10	20.5	5
1.4	256QAM	3	0	19.03	19.17	19.05		
1.4	256QAM	3	1	19.01	19.15	19.09		
1.4	256QAM	3	3	19.12	19.20	19.10		
1.4	256QAM	6	0	19.02	19.15	19.06	20.5	5

Band 13 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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.28			
10	QPSK	1	25		23.24		24.5	0
10	QPSK	1	49		23.18			
10	QPSK	25	0		22.33			
10	QPSK	25	12		22.26		23.5	1
10	QPSK	25	25		22.21			
10	QPSK	50	0		22.31			
10	16QAM	1	0		22.37			
10	16QAM	1	25		22.35		23.5	1
10	16QAM	1	49		22.27			
10	16QAM	25	0		21.34			
10	16QAM	25	12		21.20		22.5	2
10	16QAM	25	25		21.22			
10	16QAM	50	0		21.21			
10	64QAM	1	0		21.22			
10	64QAM	1	25		21.22		22.5	2
10	64QAM	1	49		21.20			
10	64QAM	25	0		20.29			
10	64QAM	25	12		20.16		21.5	3
10	64QAM	25	25		20.25			
10	64QAM	50	0		20.25			
10	256QAM	1	0		18.23			
10	256QAM	1	25		18.27		19.5	5
10	256QAM	1	49		18.29			
10	256QAM	25	0		18.37			
10	256QAM	25	12		18.33		19.5	5
10	256QAM	25	25		18.25			
10	256QAM	50	0		18.34			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.16	23.19	23.18		
5	QPSK	1	12	22.99	23.16	23.12	24.5	0
5	QPSK	1	24	23.02	23.10	23.00		
5	QPSK	12	0	22.19	22.24	22.13		
5	QPSK	12	7	22.10	22.11	22.18	23.5	1
5	QPSK	12	13	22.02	22.14	22.03		
5	QPSK	25	0	22.15	22.22	22.09		
5	16QAM	1	0	22.18	22.31	22.20		
5	16QAM	1	12	22.20	22.20	22.21	23.5	1
5	16QAM	1	24	22.13	22.14	22.15		
5	16QAM	12	0	21.16	21.30	21.20		
5	16QAM	12	7	21.11	21.16	21.00	22.5	2
5	16QAM	12	13	21.03	21.11	20.99		
5	16QAM	25	0	21.06	21.08	21.04		
5	64QAM	1	0	21.06	21.18	21.01		
5	64QAM	1	12	21.00	21.13	21.05	22.5	2
5	64QAM	1	24	20.94	21.16	21.06		
5	64QAM	12	0	20.20	20.19	20.15		
5	64QAM	12	7	19.89	20.01	19.98	21.5	3
5	64QAM	12	13	20.11	20.16	20.12		
5	64QAM	25	0	19.97	20.11	20.12		
5	256QAM	1	0	18.05	18.16	17.98		
5	256QAM	1	12	18.14	18.14	18.10	19.5	5
5	256QAM	1	24	18.04	18.17	18.13		
5	256QAM	12	0	18.27	18.28	18.20		
5	256QAM	12	7	18.15	18.25	18.13	19.5	5
5	256QAM	12	13	18.08	18.17	18.10		
5	256QAM	25	0	18.11	18.22	18.14		

Band 17 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.12	24.26	24.23	25	0
10	QPSK	1	25	24.10	24.16	24.07		
10	QPSK	1	49	24.07	24.21	24.12		
10	QPSK	25	0	23.04	23.22	23.05	24	1
10	QPSK	25	12	23.06	23.14	23.06		
10	QPSK	25	25	23.04	23.16	23.07		
10	QPSK	50	0	22.98	23.11	23.04		
10	16QAM	1	0	23.12	23.14	23.20	24	1
10	16QAM	1	25	23.07	23.15	23.04		
10	16QAM	1	49	23.03	23.10	23.10		
10	16QAM	25	0	21.95	22.16	22.06	23	2
10	16QAM	25	12	21.96	22.10	22.06		
10	16QAM	25	25	21.97	22.06	22.03		
10	16QAM	50	0	21.97	22.01	22.04		
10	64QAM	1	0	22.13	22.26	22.17	23	2
10	64QAM	1	25	22.05	22.12	22.11		
10	64QAM	1	49	22.03	22.11	22.13		
10	64QAM	25	0	21.07	21.21	21.02	22	3
10	64QAM	25	12	21.09	21.17	21.02		
10	64QAM	25	25	21.00	21.13	21.04		
10	64QAM	50	0	21.04	21.09	21.08		
10	256QAM	1	0	18.97	19.09	19.09	20	5
10	256QAM	1	25	18.97	19.14	18.99		
10	256QAM	1	49	18.98	19.12	19.07		
10	256QAM	25	0	18.95	19.17	19.00	20	5
10	256QAM	25	12	19.00	19.07	18.99		
10	256QAM	25	25	19.02	19.12	19.09		
10	256QAM	50	0	18.94	19.04	19.06		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.05	24.18	24.17	25	0
5	QPSK	1	12	24.07	24.04	23.94		
5	QPSK	1	24	23.98	24.06	24.03		
5	QPSK	12	0	22.96	23.18	22.94	24	1
5	QPSK	12	7	22.97	23.02	22.92		
5	QPSK	12	13	22.92	23.05	22.95		
5	QPSK	25	0	22.88	22.97	22.92		
5	16QAM	1	0	22.98	23.02	23.12	24	1
5	16QAM	1	12	23.02	23.11	22.95		
5	16QAM	1	24	22.97	23.00	23.01		
5	16QAM	12	0	21.83	22.03	21.98	23	2
5	16QAM	12	7	21.93	22.05	21.97		
5	16QAM	12	13	21.92	21.99	21.91		
5	16QAM	25	0	21.83	21.96	21.89		
5	64QAM	1	0	22.00	22.19	22.06	23	2
5	64QAM	1	12	22.01	22.00	22.06		
5	64QAM	1	24	21.98	22.07	22.01		
5	64QAM	12	0	20.97	21.11	20.92	22	3
5	64QAM	12	7	21.04	21.11	20.97		
5	64QAM	12	13	20.95	20.99	20.95		
5	64QAM	25	0	20.90	21.03	21.03		
5	256QAM	1	0	18.90	19.01	19.05	20	5
5	256QAM	1	12	18.90	19.04	18.85		
5	256QAM	1	24	18.85	19.00	19.00		
5	256QAM	12	0	18.84	19.07	18.92	20	5
5	256QAM	12	7	18.95	18.97	18.85		
5	256QAM	12	13	18.94	19.07	19.05		
5	256QAM	25	0	18.89	18.96	18.92		

Band 26 Ant1 for FCC 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	24.18	24.25	24.07	25.7	0
15	QPSK	1	37	24.04	24.15	24.07		
15	QPSK	1	74	24.12	24.14	24.12		
15	QPSK	36	0	23.07	23.24	23.08	24.7	1
15	QPSK	36	20	23.07	23.12	23.08		
15	QPSK	36	39	23.10	23.17	23.08		
15	QPSK	75	0	23.01	23.18	23.05		
15	16QAM	1	0	23.23	23.25	23.28	24.7	1
15	16QAM	1	37	23.08	23.19	23.09		
15	16QAM	1	74	23.04	23.21	23.05		
15	16QAM	36	0	22.04	22.25	22.17	23.7	2
15	16QAM	36	20	22.03	22.12	22.11		
15	16QAM	36	39	22.04	22.12	22.10		
15	16QAM	75	0	22.04	22.16	22.10		
15	64QAM	1	0	22.16	22.29	22.24	23.7	2
15	64QAM	1	37	22.03	22.14	22.10		
15	64QAM	1	74	22.08	22.11	22.08		
15	64QAM	36	0	21.01	21.21	21.05	22.7	3
15	64QAM	36	20	21.03	21.11	21.10		
15	64QAM	36	39	21.10	21.12	21.05		
15	64QAM	75	0	21.01	21.12	21.07		
15	256QAM	1	0	19.10	19.15	19.15	20.7	5
15	256QAM	1	37	19.09	19.20	19.12		
15	256QAM	1	74	19.14	19.11	19.08		
15	256QAM	36	0	19.05	19.25	19.13	20.7	5
15	256QAM	36	20	19.08	19.20	19.12		
15	256QAM	36	39	19.10	19.17	19.16		
15	256QAM	75	0	19.07	19.12	19.08		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.05	24.21	24.00	25.7	0
10	QPSK	1	25	23.91	24.09	23.99		
10	QPSK	1	49	24.08	24.03	23.98		
10	QPSK	25	0	22.96	23.14	23.02	24.7	1
10	QPSK	25	12	22.98	22.99	22.93		
10	QPSK	25	25	23.00	23.04	22.98		
10	QPSK	50	0	22.88	23.06	22.96		
10	16QAM	1	0	23.16	23.21	23.24	24.7	1
10	16QAM	1	25	23.04	23.12	23.06		
10	16QAM	1	49	22.90	23.08	22.90		
10	16QAM	25	0	21.94	22.11	22.05	23.7	2
10	16QAM	25	12	21.97	21.99	22.01		
10	16QAM	25	25	21.99	22.03	21.99		
10	16QAM	50	0	21.91	22.13	22.04		
10	64QAM	1	0	22.02	22.15	22.13	23.7	2
10	64QAM	1	25	21.92	22.02	21.96		
10	64QAM	1	49	22.03	22.01	21.99		
10	64QAM	25	0	20.97	21.18	20.96	22.7	3
10	64QAM	25	12	20.97	21.03	21.01		
10	64QAM	25	25	21.00	21.09	20.95		
10	64QAM	50	0	20.89	21.01	20.97		
10	256QAM	1	0	19.07	19.08	19.09	20.7	5
10	256QAM	1	25	18.97	19.05	19.01		
10	256QAM	1	49	19.10	19.03	18.96		
10	256QAM	25	0	18.93	19.21	19.04	20.7	5
10	256QAM	25	12	19.01	19.12	19.03		
10	256QAM	25	25	19.06	19.04	19.05		
10	256QAM	50	0	19.03	18.99	19.03		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.06	24.21	23.96	25.7	0
5	QPSK	1	12	23.90	24.06	23.96		
5	QPSK	1	24	24.05	24.05	23.97		
5	QPSK	12	0	22.93	23.15	23.00	24.7	1
5	QPSK	12	7	22.92	23.03	23.01		
5	QPSK	12	13	23.01	23.10	23.02		
5	QPSK	25	0	22.93	23.13	22.93		
5	16QAM	1	0	23.10	23.17	23.17	24.7	1
5	16QAM	1	12	23.01	23.15	22.94		
5	16QAM	1	24	22.95	23.13	23.01		
5	16QAM	12	0	21.92	22.19	22.14	23.7	2
5	16QAM	12	7	21.91	22.00	22.03		
5	16QAM	12	13	21.95	21.98	22.06		
5	16QAM	25	0	21.94	22.11	22.02		
5	64QAM	1	0	22.04	22.26	22.19	23.7	2
5	64QAM	1	12	21.94	22.11	22.06		
5	64QAM	1	24	22.01	22.07	21.97		
5	64QAM	12	0	20.92	21.13	21.01	22.7	3
5	64QAM	12	7	20.99	21.06	21.07		
5	64QAM	12	13	20.97	21.00	20.97		
5	64QAM	25	0	20.90	21.01	21.00		
5	256QAM	1	0	19.02	19.02	19.08	20.7	5
5	256QAM	1	12	18.99	19.14	19.01		
5	256QAM	1	24	19.11	19.07	18.96		
5	256QAM	12	0	18.97	19.18	19.04	20.7	5
5	256QAM	12	7	19.01	19.14	18.98		
5	256QAM	12	13	19.07	19.11	19.04		
5	256QAM	25	0	19.00	19.00	19.00		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.07	24.16	24.01	25.7	0
3	QPSK	1	8	24.01	24.04	23.98		
3	QPSK	1	14	24.08	24.09	24.06		
3	QPSK	8	0	23.01	23.13	22.95	24.7	1
3	QPSK	8	4	22.94	23.08	23.03		
3	QPSK	8	7	23.00	23.10	22.97		
3	QPSK	15	0	22.93	23.07	22.96		
3	16QAM	1	0	23.15	23.19	23.22	24.7	1
3	16QAM	1	8	23.03	23.06	23.04		
3	16QAM	1	14	23.00	23.06	22.91		
3	16QAM	8	0	21.90	22.16	22.09	23.7	2
3	16QAM	8	4	21.99	22.08	22.07		
3	16QAM	8	7	21.93	22.03	22.06		
3	16QAM	15	0	21.97	22.10	22.01		
3	64QAM	1	0	22.02	22.17	22.15	23.7	2
3	64QAM	1	8	21.93	22.06	21.96		
3	64QAM	1	14	21.94	22.05	21.94		
3	64QAM	8	0	20.92	21.16	20.93	22.7	3
3	64QAM	8	4	20.95	20.98	20.96		
3	64QAM	8	7	21.03	20.99	20.95		
3	64QAM	15	0	20.90	21.08	20.95		
3	256QAM	1	0	18.99	19.01	19.10	20.7	5
3	256QAM	1	8	19.00	19.06	19.00		
3	256QAM	1	14	19.09	19.07	18.99		
3	256QAM	8	0	19.00	19.13	19.05	20.7	5
3	256QAM	8	4	19.04	19.09	18.99		
3	256QAM	8	7	19.03	19.11	19.05		
3	256QAM	15	0	19.04	19.01	19.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.13	24.21	23.93	25.7	0
1.4	QPSK	1	3	23.94	24.10	23.95		
1.4	QPSK	1	5	24.01	24.03	24.05		
1.4	QPSK	3	0	23.93	24.20	24.00		
1.4	QPSK	3	1	24.04	23.98	24.05		
1.4	QPSK	3	3	24.04	24.10	23.93		
1.4	QPSK	6	0	22.97	23.05	22.96	24.7	1
1.4	16QAM	1	0	23.18	23.17	23.19	24.7	1
1.4	16QAM	1	3	23.03	23.05	22.98		
1.4	16QAM	1	5	22.92	23.11	22.96		
1.4	16QAM	3	0	22.90	23.12	23.03		
1.4	16QAM	3	1	22.97	23.07	23.01		
1.4	16QAM	3	3	22.90	23.09	22.97		
1.4	16QAM	6	0	21.92	22.05	22.00	23.7	2
1.4	64QAM	1	0	22.10	22.22	22.16	23.7	2
1.4	64QAM	1	3	21.93	22.04	21.98		
1.4	64QAM	1	5	22.01	22.07	22.03		
1.4	64QAM	3	0	21.90	22.09	21.96		
1.4	64QAM	3	1	21.97	22.00	22.03		
1.4	64QAM	3	3	21.99	22.07	22.00		
1.4	64QAM	6	0	20.96	21.00	20.97	22.7	3
1.4	256QAM	1	0	18.96	19.08	19.05	20.7	5
1.4	256QAM	1	3	19.03	19.16	18.98		
1.4	256QAM	1	5	19.08	19.04	18.98		
1.4	256QAM	3	0	18.94	19.13	19.04		
1.4	256QAM	3	1	18.99	19.10	19.03		
1.4	256QAM	3	3	19.01	19.02	19.10		
1.4	256QAM	6	0	18.99	18.97	18.93	20.7	5

GSM1900 Ant3 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	29.88	30.11	30.12	31.00	20.88	21.11	21.12	22.00
GPRS 1 Tx slot	29.84	30.01	30.03	31.00	20.84	21.01	21.03	22.00
GPRS 2 Tx slots	26.71	26.64	26.68	27.50	20.71	20.64	20.68	21.50
GPRS 3 Tx slots	24.54	24.61	24.42	25.50	20.28	20.35	20.16	21.24
GPRS 4 Tx slots	23.88	24.09	24.13	24.50	20.88	21.09	21.13	21.50
EDGE 1 Tx slot	25.37	25.42	25.56	27.00	16.37	16.42	16.56	18.00
EDGE 2 Tx slots	22.21	22.28	22.30	24.00	16.21	16.28	16.30	18.00
EDGE 3 Tx slots	20.12	20.31	20.15	22.00	15.86	16.05	15.89	17.74
EDGE 4 Tx slots	19.44	19.54	19.20	21.00	16.44	16.54	16.20	18.00

		WCDMA II Ant3 Default				WCDMA IV Ant3 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.68	24.77	24.71	25.50	24.69	24.75	24.64	25.50
3GPP Rel 99	RMC 12.2Kbps	24.81	24.88	24.74	25.50	24.80	24.88	24.82	25.50
3GPP Rel 6	HSDPA Subtest-1	23.60	23.80	23.70	24.50	23.53	23.91	23.78	24.50
3GPP Rel 6	HSDPA Subtest-2	23.60	23.89	23.72	24.50	23.65	23.72	23.77	24.50
3GPP Rel 6	HSDPA Subtest-3	23.14	23.41	23.27	24.00	23.15	23.26	23.18	24.00
3GPP Rel 6	HSDPA Subtest-4	23.20	23.32	23.26	24.00	23.12	23.37	23.14	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.62	23.84	23.74	24.50	23.63	23.82	23.68	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.68	23.89	23.72	24.50	23.72	23.86	23.72	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	23.05	23.26	23.20	24.00	23.05	23.33	23.23	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	23.12	23.33	23.33	24.00	23.17	23.33	23.26	24.00
3GPP Rel 6	HSUPA Subtest-1	23.66	23.86	23.81	24.50	23.53	23.80	23.70	24.50
3GPP Rel 6	HSUPA Subtest-2	21.72	21.85	21.70	22.50	21.60	21.78	21.78	22.50
3GPP Rel 6	HSUPA Subtest-3	22.66	22.91	22.74	23.50	22.61	22.78	22.67	23.50
3GPP Rel 6	HSUPA Subtest-4	21.55	21.89	21.68	22.50	21.59	21.87	21.68	22.50
3GPP Rel 6	HSUPA Subtest-5	23.58	23.70	23.57	24.50	23.56	23.68	23.61	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.04	21.30	21.21	22.00	21.04	21.19	21.10	22.00

Band 2 Ant3 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	24.58	24.64	24.50	25.5	0
20	QPSK	1	49	24.49	24.57	24.56		
20	QPSK	1	99	22.45	24.53	24.59		
20	QPSK	50	0	23.48	23.69	23.58		
20	QPSK	50	24	23.54	23.56	23.53	24.5	1
20	QPSK	50	50	23.53	23.60	23.54		
20	QPSK	100	0	23.53	23.68	23.51		
20	16QAM	1	0	23.66	23.77	23.67		
20	16QAM	1	49	23.56	23.68	23.57	24.5	1
20	16QAM	1	99	23.52	23.57	23.58		
20	16QAM	50	0	22.54	22.70	22.59		
20	16QAM	50	24	22.49	22.57	22.63	23.5	2
20	16QAM	50	50	22.59	22.64	22.55		
20	16QAM	100	0	22.54	22.59	22.54		
20	64QAM	1	0	22.59	22.68	22.63		
20	64QAM	1	49	22.58	22.67	22.58	23.5	2
20	64QAM	1	99	22.57	22.58	22.63		
20	64QAM	50	0	21.58	21.70	21.51		
20	64QAM	50	24	21.53	21.57	21.61	22.5	3
20	64QAM	50	50	21.54	21.60	21.51		
20	64QAM	100	0	21.59	21.62	21.62		
20	256QAM	1	0	19.60	19.66	19.63		
20	256QAM	1	49	19.58	19.65	19.66	20.5	5
20	256QAM	1	99	19.60	19.70	19.63		
20	256QAM	50	0	19.57	19.73	19.60		
20	256QAM	50	24	19.60	19.65	19.63	20.5	5
20	256QAM	50	50	19.61	19.69	19.63		
20	256QAM	100	0	19.53	19.65	19.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.48	24.56	24.37	25.5	0
15	QPSK	1	37	24.45	24.51	24.42		
15	QPSK	1	74	24.32	24.40	24.50		
15	QPSK	36	0	23.37	23.59	23.52		
15	QPSK	36	20	23.47	23.45	23.44	24.5	1
15	QPSK	36	39	23.47	23.56	23.39		
15	QPSK	75	0	23.47	23.54	23.38		
15	16QAM	1	0	23.54	23.66	23.60		
15	16QAM	1	37	23.48	23.59	23.46	24.5	1
15	16QAM	1	74	23.39	23.52	23.55		
15	16QAM	36	0	22.44	22.58	22.44		
15	16QAM	36	20	22.45	22.51	22.52	23.5	2
15	16QAM	36	39	22.44	22.53	22.42		
15	16QAM	75	0	22.42	22.45	22.46		
15	64QAM	1	0	22.47	22.62	22.60		
15	64QAM	1	37	22.55	22.63	22.45	23.5	2
15	64QAM	1	74	22.49	22.45	22.55		
15	64QAM	36	0	21.46	21.66	21.43		
15	64QAM	36	20	21.39	21.35	21.46	22.5	3
15	64QAM	36	39	21.49	21.50	21.43		
15	64QAM	75	0	21.49	21.58	21.50		
15	256QAM	1	0	19.53	19.58	19.56		
15	256QAM	1	37	19.44	19.58	19.55	20.5	5
15	256QAM	1	74	19.56	19.59	19.58		
15	256QAM	36	0	19.47	19.66	19.49		
15	256QAM	36	20	19.51	19.61	19.51	20.5	5
15	256QAM	36	39	19.49	19.63	19.60		
15	256QAM	75	0	19.43	19.61	19.50		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.54	24.60	24.46	25.5	0
10	QPSK	1	25	24.40	24.42	24.52		
10	QPSK	1	49	24.36	24.43	24.45		
10	QPSK	25	0	23.41	23.57	23.53		
10	QPSK	25	12	23.51	23.48	23.42	24.5	1
10	QPSK	25	25	23.46	23.47	23.48		
10	QPSK	50	0	23.40	23.53	23.36		
10	16QAM	1	0	23.62	23.68	23.53		
10	16QAM	1	25	23.41	23.53	23.47	24.5	1
10	16QAM	1	49	23.40	23.43	23.48		
10	16QAM	25	0	22.49	22.64	22.46		
10	16QAM	25	12	22.37	22.51	22.56	23.5	2
10	16QAM	25	25	22.47	22.50	22.47		
10	16QAM	50	0	22.48	22.50	22.48		
10	64QAM	1	0	22.56	22.64	22.50		
10	64QAM	1	25	22.48	22.61	22.45	23.5	2
10	64QAM	1	49	22.46	22.47	22.55		
10	64QAM	25	0	21.47	21.57	21.44		
10	64QAM	25	12	21.45	21.48	21.54	22.5	3
10	64QAM	25	25	21.41	21.49	21.42		
10	64QAM	50	0	21.47	21.53	21.52		
10	256QAM	1	0	19.56	19.62	19.57		
10	256QAM	1	25	19.50	19.58	19.59	20.5	5
10	256QAM	1	49	19.50	19.63	19.51		
10	256QAM	25	0	19.48	19.66	19.53		
10	256QAM	25	12	19.51	19.51	19.57	20.5	5
10	256QAM	25	25	19.49	19.55	19.54		
10	256QAM	50	0	19.40	19.58	19.44		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.54	24.52	24.42	25.5	0
5	QPSK	1	12	24.39	24.43	24.43		
5	QPSK	1	24	24.41	24.47	24.45		
5	QPSK	12	0	23.38	23.62	23.46	24.5	1
5	QPSK	12	7	23.46	23.41	23.48		
5	QPSK	12	13	23.39	23.55	23.48		
5	QPSK	25	0	23.44	23.55	23.47		
5	16QAM	1	0	23.53	23.73	23.63		
5	16QAM	1	12	23.52	23.62	23.47	24.5	1
5	16QAM	1	24	23.45	23.45	23.50		
5	16QAM	12	0	22.44	22.60	22.46		
5	16QAM	12	7	22.36	22.48	22.57	23.5	2
5	16QAM	12	13	22.46	22.52	22.42		
5	16QAM	25	0	22.42	22.50	22.42		
5	64QAM	1	0	22.45	22.56	22.48		
5	64QAM	1	12	22.45	22.61	22.48	23.5	2
5	64QAM	1	24	22.50	22.52	22.46		
5	64QAM	12	0	21.50	21.65	21.43		
5	64QAM	12	7	21.49	21.50	21.54	22.5	3
5	64QAM	12	13	21.49	21.56	21.45		
5	64QAM	25	0	21.47	21.57	21.50		
5	256QAM	1	0	19.53	19.58	19.53		
5	256QAM	1	12	19.44	19.57	19.61	20.5	5
5	256QAM	1	24	19.56	19.57	19.58		
5	256QAM	12	0	19.51	19.53	19.55		
5	256QAM	12	7	19.47	19.51	19.55	20.5	5
5	256QAM	12	13	19.50	19.64	19.51		
5	256QAM	25	0	19.40	19.52	19.45		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.52	24.59	24.39	25.5	0
3	QPSK	1	8	24.38	24.43	24.49		
3	QPSK	1	14	24.39	24.43	24.50		
3	QPSK	8	0	23.38	23.66	23.54	24.5	1
3	QPSK	8	4	23.41	23.45	23.44		
3	QPSK	8	7	23.45	23.53	23.48		
3	QPSK	15	0	23.49	23.53	23.47		
3	16QAM	1	0	23.63	23.71	23.62		
3	16QAM	1	8	23.49	23.61	23.43	24.5	1
3	16QAM	1	14	23.46	23.44	23.51		
3	16QAM	8	0	22.43	22.65	22.46		
3	16QAM	8	4	22.37	22.48	22.48	23.5	2
3	16QAM	8	7	22.47	22.59	22.49		
3	16QAM	15	0	22.48	22.53	22.47		
3	64QAM	1	0	22.48	22.60	22.51		
3	64QAM	1	8	22.46	22.63	22.46	23.5	2
3	64QAM	1	14	22.50	22.52	22.58		
3	64QAM	8	0	21.54	21.65	21.47		
3	64QAM	8	4	21.39	21.48	21.47	22.5	3
3	64QAM	8	7	21.45	21.53	21.44		
3	64QAM	15	0	21.56	21.49	21.56		
3	256QAM	1	0	19.50	19.56	19.57		
3	256QAM	1	8	19.44	19.61	19.54	20.5	5
3	256QAM	1	14	19.48	19.66	19.60		
3	256QAM	8	0	19.49	19.65	19.57		
3	256QAM	8	4	19.54	19.58	19.56	20.5	5
3	256QAM	8	7	19.48	19.54	19.51		
3	256QAM	15	0	19.39	19.56	19.49		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.50	24.53	24.40	25.5	0
1.4	QPSK	1	3	24.43	24.52	24.45		
1.4	QPSK	1	5	24.31	24.44	24.41		
1.4	QPSK	3	0	24.43	24.56	24.51		
1.4	QPSK	3	1	24.42	24.49	24.42		
1.4	QPSK	3	3	24.42	24.54	24.48		
1.4	QPSK	6	0	23.49	23.53	23.41	24.5	1
1.4	16QAM	1	0	23.51	23.64	23.53		
1.4	16QAM	1	3	23.44	23.61	23.51		
1.4	16QAM	1	5	23.39	23.51	23.45	24.5	1
1.4	16QAM	3	0	23.51	23.59	23.52		
1.4	16QAM	3	1	23.40	23.50	23.51		
1.4	16QAM	3	3	23.49	23.52	23.45		
1.4	16QAM	6	0	22.44	22.50	22.41	23.5	2
1.4	64QAM	1	0	22.55	22.63	22.58		
1.4	64QAM	1	3	22.49	22.54	22.44		
1.4	64QAM	1	5	22.53	22.54	22.53	23.5	2
1.4	64QAM	3	0	22.54	22.66	22.43		
1.4	64QAM	3	1	22.50	22.46	22.52		
1.4	64QAM	3	3	22.42	22.57	22.44		
1.4	64QAM	6	0	21.47	21.51	21.53	22.5	3
1.4	256QAM	1	0	19.50	19.57	19.51		
1.4	256QAM	1	3	19.47	19.55	19.57		
1.4	256QAM	1	5	19.55	19.64	19.60	20.5	5
1.4	256QAM	3	0	19.43	19.69	19.49		
1.4	256QAM	3	1	19.51	19.56	19.49		
1.4	256QAM	3	3	19.50	19.60	19.51		
1.4	256QAM	6	0	19.48	19.57	19.55	20.5	5

Band 4 Ant3 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.61	24.68	24.61	25.5	0
20	QPSK	1	49	24.56	24.54	24.59		
20	QPSK	1	99	24.54	24.64	24.61		
20	QPSK	50	0	23.42	23.64	23.53		
20	QPSK	50	24	23.45	23.56	23.49	24.5	1
20	QPSK	50	50	23.50	23.50	23.56		
20	QPSK	100	0	23.45	23.62	23.49		
20	16QAM	1	0	23.65	23.69	23.71		
20	16QAM	1	49	23.56	23.66	23.57	24.5	1
20	16QAM	1	99	23.50	23.59	23.61		
20	16QAM	50	0	22.57	22.68	22.57		
20	16QAM	50	24	22.48	22.62	22.57	23.5	2
20	16QAM	50	50	22.54	22.53	22.61		
20	16QAM	100	0	22.46	22.57	22.51		
20	64QAM	1	0	22.52	22.69	22.59		
20	64QAM	1	49	22.45	22.61	22.47	23.5	2
20	64QAM	1	99	22.52	22.58	22.51		
20	64QAM	50	0	21.43	21.63	21.44		
20	64QAM	50	24	21.42	21.51	21.53	22.5	3
20	64QAM	50	50	21.46	21.54	21.48		
20	64QAM	100	0	21.49	21.60	21.46		
20	256QAM	1	0	19.43	19.52	19.43		
20	256QAM	1	49	19.43	19.50	19.43	20.5	5
20	256QAM	1	99	19.46	19.56	19.50		
20	256QAM	50	0	19.49	19.61	19.43		
20	256QAM	50	24	19.39	19.55	19.45	20.5	5
20	256QAM	50	50	19.39	19.47	19.54		
20	256QAM	100	0	19.41	19.52	19.46		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.46	24.64	24.54	25.5	0
15	QPSK	1	37	24.44	24.43	24.55		
15	QPSK	1	74	24.47	24.59	24.57		
15	QPSK	36	0	23.30	23.50	23.47		
15	QPSK	36	20	23.42	23.48	23.44	24.5	1
15	QPSK	36	39	23.46	23.53	23.35		
15	QPSK	75	0	23.41	23.58	23.35		
15	16QAM	1	0	23.56	23.62	23.66		
15	16QAM	1	37	23.52	23.59	23.44	24.5	1
15	16QAM	1	74	23.39	23.50	23.56		
15	16QAM	36	0	22.49	22.64	22.54		
15	16QAM	36	20	22.45	22.58	22.49	23.5	2
15	16QAM	36	39	22.49	22.50	22.49		
15	16QAM	75	0	22.37	22.52	22.44		
15	64QAM	1	0	22.37	22.57	22.50		
15	64QAM	1	37	22.37	22.48	22.43	23.5	2
15	64QAM	1	74	22.40	22.51	22.37		
15	64QAM	36	0	21.30	21.49	21.31		
15	64QAM	36	20	21.31	21.48	21.40	22.5	3
15	64QAM	36	39	21.34	21.45	21.33		
15	64QAM	75	0	21.41	21.56	21.38		
15	256QAM	1	0	19.35	19.38	19.30		
15	256QAM	1	37	19.29	19.37	19.33	20.5	5
15	256QAM	1	74	19.32	19.47	19.40		
15	256QAM	36	0	19.42	19.56	19.29		
15	256QAM	36	20	19.28	19.42	19.38	20.5	5
15	256QAM	36	39	19.33	19.39	19.50		
15	256QAM	75	0	19.33	19.37	19.39		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.51	24.62	24.52	25.5	0
10	QPSK	1	25	24.44	24.41	24.44		
10	QPSK	1	49	24.48	24.59	24.51		
10	QPSK	25	0	23.28	23.54	23.50		
10	QPSK	25	12	23.36	23.51	23.39	24.5	1
10	QPSK	25	25	23.47	23.45	23.42		
10	QPSK	50	0	23.40	23.48	23.45		
10	16QAM	1	0	23.60	23.64	23.65		
10	16QAM	1	25	23.51	23.52	23.51	24.5	1
10	16QAM	1	49	23.45	23.56	23.49		
10	16QAM	25	0	22.44	22.63	22.43		
10	16QAM	25	12	22.37	22.53	22.51	23.5	2
10	16QAM	25	25	22.42	22.39	22.52		
10	16QAM	50	0	22.42	22.58	22.48		
10	64QAM	1	0	22.47	22.61	22.53		
10	64QAM	1	25	22.38	22.49	22.44	23.5	2
10	64QAM	1	49	22.48	22.45	22.44		
10	64QAM	25	0	21.34	21.54	21.37		
10	64QAM	25	12	21.27	21.48	21.43	22.5	3
10	64QAM	25	25	21.34	21.41	21.33		
10	64QAM	50	0	21.38	21.45	21.34		
10	256QAM	1	0	19.29	19.43	19.34		
10	256QAM	1	25	19.33	19.46	19.29	20.5	5
10	256QAM	1	49	19.36	19.44	19.47		
10	256QAM	25	0	19.38	19.53	19.31		
10	256QAM	25	12	19.31	19.49	19.36	20.5	5
10	256QAM	25	25	19.34	19.32	19.47		
10	256QAM	50	0	19.32	19.41	19.42		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.47	24.60	24.52	25.5	0
5	QPSK	1	12	24.42	24.42	24.50		
5	QPSK	1	24	24.49	24.60	24.56		
5	QPSK	12	0	23.37	23.58	23.39		
5	QPSK	12	7	23.33	23.43	23.44	24.5	1
5	QPSK	12	13	23.40	23.40	23.41		
5	QPSK	25	0	23.35	23.51	23.42		
5	16QAM	1	0	23.53	23.60	23.59		
5	16QAM	1	12	23.50	23.61	23.50	24.5	1
5	16QAM	1	24	23.47	23.49	23.49		
5	16QAM	12	0	22.50	22.59	22.43		
5	16QAM	12	7	22.43	22.56	22.47	23.5	2
5	16QAM	12	13	22.49	22.50	22.46		
5	16QAM	25	0	22.34	22.51	22.42		
5	64QAM	1	0	22.43	22.62	22.46		
5	64QAM	1	12	22.39	22.51	22.41	23.5	2
5	64QAM	1	24	22.47	22.52	22.39		
5	64QAM	12	0	21.37	21.58	21.38		
5	64QAM	12	7	21.39	21.40	21.48	22.5	3
5	64QAM	12	13	21.36	21.45	21.44		
5	64QAM	25	0	21.45	21.46	21.37		
5	256QAM	1	0	19.39	19.45	19.31		
5	256QAM	1	12	19.31	19.41	19.37	20.5	5
5	256QAM	1	24	19.40	19.51	19.44		
5	256QAM	12	0	19.34	19.50	19.28		
5	256QAM	12	7	19.25	19.44	19.40	20.5	5
5	256QAM	12	13	19.28	19.43	19.47		
5	256QAM	25	0	19.28	19.48	19.36		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.48	24.64	24.50	25.5	0
3	QPSK	1	8	24.43	24.51	24.53		
3	QPSK	1	14	24.50	24.57	24.48		
3	QPSK	8	0	23.38	23.55	23.41	24.5	1
3	QPSK	8	4	23.38	23.42	23.42		
3	QPSK	8	7	23.38	23.40	23.51		
3	QPSK	15	0	23.37	23.58	23.43		
3	16QAM	1	0	23.56	23.62	23.60		
3	16QAM	1	8	23.48	23.60	23.47	24.5	1
3	16QAM	1	14	23.45	23.51	23.58		
3	16QAM	8	0	22.48	22.60	22.44		
3	16QAM	8	4	22.44	22.54	22.51	23.5	2
3	16QAM	8	7	22.44	22.44	22.52		
3	16QAM	15	0	22.34	22.49	22.46		
3	64QAM	1	0	22.40	22.55	22.44		
3	64QAM	1	8	22.31	22.47	22.46	23.5	2
3	64QAM	1	14	22.42	22.49	22.47		
3	64QAM	8	0	21.34	21.55	21.31		
3	64QAM	8	4	21.29	21.44	21.48	22.5	3
3	64QAM	8	7	21.37	21.46	21.40		
3	64QAM	15	0	21.43	21.46	21.34		
3	256QAM	1	0	19.36	19.43	19.28		
3	256QAM	1	8	19.38	19.45	19.39	20.5	5
3	256QAM	1	14	19.42	19.52	19.45		
3	256QAM	8	0	19.35	19.58	19.28		
3	256QAM	8	4	19.26	19.51	19.36	20.5	5
3	256QAM	8	7	19.36	19.43	19.47		
3	256QAM	15	0	19.29	19.46	19.37		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.54	24.60	24.51	25.5	0
1.4	QPSK	1	3	24.43	24.48	24.44		
1.4	QPSK	1	5	24.48	24.51	24.53		
1.4	QPSK	3	0	24.32	24.58	24.39		
1.4	QPSK	3	1	24.42	24.44	24.40		
1.4	QPSK	3	3	24.41	24.39	24.43		
1.4	QPSK	6	0	23.40	23.53	23.43	24.5	1
1.4	16QAM	1	0	23.51	23.60	23.62		
1.4	16QAM	1	3	23.47	23.56	23.51		
1.4	16QAM	1	5	23.43	23.45	23.46	24.5	1
1.4	16QAM	3	0	23.48	23.58	23.49		
1.4	16QAM	3	1	23.40	23.54	23.49		
1.4	16QAM	3	3	23.49	23.48	23.50		
1.4	16QAM	6	0	22.42	22.52	22.42	23.5	2
1.4	64QAM	1	0	22.41	22.62	22.47		
1.4	64QAM	1	3	22.39	22.48	22.36		
1.4	64QAM	1	5	22.46	22.48	22.47	23.5	2
1.4	64QAM	3	0	22.34	22.52	22.29		
1.4	64QAM	3	1	22.34	22.40	22.50		
1.4	64QAM	3	3	22.42	22.57	22.41		
1.4	64QAM	6	0	21.42	21.52	21.41	22.5	3
1.4	256QAM	1	0	19.28	19.48	19.34		
1.4	256QAM	1	3	19.38	19.35	19.34		
1.4	256QAM	1	5	19.33	19.48	19.37	20.5	5
1.4	256QAM	3	0	19.45	19.51	19.31		
1.4	256QAM	3	1	19.26	19.46	19.31		
1.4	256QAM	3	3	19.24	19.43	19.48		
1.4	256QAM	6	0	19.33	19.39	19.41	20.5	5

Band 7 Ant3 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	24.78	24.91	24.81	25.5	0
20	QPSK	1	49	24.71	24.88	24.82		
20	QPSK	1	99	22.69	24.86	24.72		
20	QPSK	50	0	23.74	23.89	23.71		
20	QPSK	50	24	23.73	23.77	23.71	24.5	1
20	QPSK	50	50	23.74	23.78	23.80		
20	QPSK	100	0	23.70	23.87	23.72		
20	16QAM	1	0	23.80	23.81	23.76		
20	16QAM	1	49	23.70	23.70	23.66	24.5	1
20	16QAM	1	99

Band 38 Ant3 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.62	24.69	24.64	25.5	0
20	QPSK	1	49	24.50	24.61	24.62		
20	QPSK	1	99	24.47	24.64	24.52		
20	QPSK	50	0	23.53	23.66	23.48	24.5	1
20	QPSK	50	24	23.52	23.59	23.55		
20	QPSK	50	50	23.50	23.52	23.54		
20	QPSK	100	0	23.56	23.69	23.62		
20	16QAM	1	0	23.54	23.65	23.66	24.5	1
20	16QAM	1	49	23.50	23.60	23.50		
20	16QAM	1	99	23.46	23.53	23.53		
20	16QAM	50	0	22.45	22.64	22.51	23.5	2
20	16QAM	50	24	22.49	22.50	22.56		
20	16QAM	50	50	22.45	22.59	22.47		
20	16QAM	100	0	22.52	22.59	22.56		
20	64QAM	1	0	22.60	22.62	22.63	23.5	2
20	64QAM	1	49	22.50	22.58	22.51		
20	64QAM	1	99	22.49	22.61	22.55		
20	64QAM	50	0	21.47	21.66	21.51	22.5	3
20	64QAM	50	24	21.52	21.51	21.55		
20	64QAM	50	50	21.47	21.56	21.57		
20	64QAM	100	0	21.44	21.60	21.58		
20	256QAM	1	0	19.44	19.58	19.50	20.5	5
20	256QAM	1	49	19.44	19.55	19.48		
20	256QAM	1	99	19.42	19.53	19.55		
20	256QAM	50	0	19.51	19.63	19.49	20.5	5
20	256QAM	50	24	19.40	19.54	19.45		
20	256QAM	50	50	19.49	19.55	19.56		
20	256QAM	100	0	19.42	19.51	19.55		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.52	24.60	24.56	25.5	0
15	QPSK	1	37	24.38	24.58	24.51		
15	QPSK	1	74	24.34	24.50	24.47		
15	QPSK	36	0	23.39	23.52	23.35	24.5	1
15	QPSK	36	20	23.38	23.51	23.49		
15	QPSK	36	39	23.36	23.43	23.46		
15	QPSK	75	0	23.49	23.56	23.57		
15	16QAM	1	0	23.48	23.62	23.57	24.5	1
15	16QAM	1	37	23.40	23.50	23.38		
15	16QAM	1	74	23.35	23.43	23.46		
15	16QAM	36	0	22.34	22.59	22.42	23.5	2
15	16QAM	36	20	22.40	22.41	22.51		
15	16QAM	36	39	22.38	22.48	22.36		
15	16QAM	75	0	22.40	22.53	22.44		
15	64QAM	1	0	22.52	22.57	22.54	23.5	2
15	64QAM	1	37	22.42	22.47	22.40		
15	64QAM	1	74	22.43	22.57	22.41		
15	64QAM	36	0	21.35	21.58	21.46	22.5	3
15	64QAM	36	20	21.40	21.41	21.51		
15	64QAM	36	39	21.41	21.46	21.53		
15	64QAM	75	0	21.30	21.48	21.53		
15	256QAM	1	0	19.37	19.49	19.39	20.5	5
15	256QAM	1	37	19.30	19.52	19.37		
15	256QAM	1	74	19.28	19.38	19.44		
15	256QAM	36	0	19.43	19.58	19.39	20.5	5
15	256QAM	36	20	19.26	19.45	19.32		
15	256QAM	36	39	19.35	19.43	19.45		
15	256QAM	75	0	19.35	19.42	19.44		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.55	24.59	24.60	25.5	0
10	QPSK	1	25	24.45	24.50	24.56		
10	QPSK	1	49	24.36	24.54	24.39		
10	QPSK	25	0	23.48	23.55	23.34	24.5	1
10	QPSK	25	12	23.45	23.46	23.44		
10	QPSK	25	25	23.37	23.42	23.43		
10	QPSK	50	0	23.49	23.57	23.55		
10	16QAM	1	0	23.41	23.52	23.61	24.5	1
10	16QAM	1	25	23.36	23.52	23.40		
10	16QAM	1	49	23.38	23.40	23.39		
10	16QAM	25	0	22.35	22.49	22.48	23.5	2
10	16QAM	25	12	22.39	22.40	22.46		
10	16QAM	25	25	22.40	22.49	22.41		
10	16QAM	50	0	22.41	22.53	22.49		
10	64QAM	1	0	22.56	22.55	22.48	23.5	2
10	64QAM	1	25	22.45	22.48	22.47		
10	64QAM	1	49	22.39	22.54	22.51		
10	64QAM	25	0	21.38	21.55	21.38	22.5	3
10	64QAM	25	12	21.49	21.39	21.44		
10	64QAM	25	25	21.33	21.50	21.54		
10	64QAM	50	0	21.40	21.55	21.55		
10	256QAM	1	0	19.31	19.54	19.44	20.5	5
10	256QAM	1	25	19.32	19.41	19.38		
10	256QAM	1	49	19.39	19.50	19.43		
10	256QAM	25	0	19.37	19.52	19.37	20.5	5
10	256QAM	25	12	19.36	19.45	19.39		
10	256QAM	25	25	19.44	19.41	19.43		
10	256QAM	50	0	19.36	19.47	19.51		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.53	24.65	24.57	25.5	0
5	QPSK	1	12	24.46	24.57	24.50		
5	QPSK	1	24	24.34	24.58	24.48		
5	QPSK	12	0	23.46	23.57	23.42	24.5	1
5	QPSK	12	7	23.42	23.48	23.48		
5	QPSK	12	13	23.47	23.38	23.41		
5	QPSK	25	0	23.51	23.59	23.47		
5	16QAM	1	0	23.50	23.53	23.54	24.5	1
5	16QAM	1	12	23.38	23.47	23.38		
5	16QAM	1	24	23.40	23.39	23.43		
5	16QAM	12	0	22.34	22.50	22.43	23.5	2
5	16QAM	12	7	22.43	22.36	22.53		
5	16QAM	12	13	22.38	22.52	22.35		
5	16QAM	25	0	22.43	22.53	22.43		
5	64QAM	1	0	22.55	22.58	22.51	23.5	2
5	64QAM	1	12	22.44	22.43	22.36		
5	64QAM	1	24	22.45	22.57	22.42		
5	64QAM	12	0	21.35	21.62	21.40	22.5	3
5	64QAM	12	7	21.44	21.36	21.44		
5	64QAM	12	13	21.42	21.49	21.48		
5	64QAM	25	0	21.40	21.49	21.53		
5	256QAM	1	0	19.32	19.48	19.42	20.5	5
5	256QAM	1	12	19.41	19.48	19.40		
5	256QAM	1	24	19.39	19.40	19.40		
5	256QAM	12	0	19.39	19.54	19.44	20.5	5
5	256QAM	12	7	19.33	19.49	19.31		
5	256QAM	12	13	19.41	19.41	19.47		
5	256QAM	25	0	19.38	19.47	19.46		

Band 41 Ant3 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	24.71	24.60	24.81	24.74	24.75	25.5	0
20	QPSK	1	49	24.60	24.68	24.74	24.64	24.62		
20	QPSK	1	99	24.72	24.58	24.77	24.64	24.64		
20	QPSK	50	0	23.75	23.64	23.79	23.69	23.70	24.5	1
20	QPSK	50	24	23.63	23.66	23.68	23.68	23.53		
20	QPSK	50	50	23.64	23.63	23.73	23.62	23.58		
20	QPSK	100	0	23.60	23.51	23.73	23.56	23.69		
20	16QAM	1	0	23.71	23.63	23.75	23.67	23.64	24.5	1
20	16QAM	1	49	23.54	23.58	23.61	23.58	23.56		
20	16QAM	1	99	23.57	23.63	23.63	23.62	23.52		
20	16QAM	50	0	22.68	22.56	22.76	22.68	22.67	23.5	2
20	16QAM	50	24	22.55	22.60	22.61	22.66	22.58		
20	16QAM	50	50	22.54	22.57	22.65	22.69	22.56		
20	16QAM	100	0	22.62	22.58	22.70	22.62	22.56		
20	64QAM	1	0	22.62	22.61	22.77	22.65	22.63	23.5	2
20	64QAM	1	49	22.64	22.54	22.72	22.57	22.64		
20	64QAM	1	99	22.59	22.57	22.66	22.60	22.60		
20	64QAM	50	0	21.68	21.62	21.77	21.68	21.62	22.5	3
20	64QAM	50	24	21.52	21.58	21.65	21.59	21.61		
20	64QAM	50	50	21.61	21.64	21.68	21.60	21.59		
20	64QAM	100	0	21.59	21.62	21.69	21.58	21.65		
20	256QAM	1	0	19.57	19.53	19.65	19.65	19.55	20.5	5
20	256QAM	1	49	19.52	19.60	19.65	19.56	19.61		
20	256QAM	1	99	19.49	19.57	19.63	19.55	19.53		
20	256QAM	50	0	19.67	19.55	19.73	19.58	19.65	20.5	5
20	256QAM	50	24	19.64	19.61	19.68	19.54	19.62		
20	256QAM	50	50	19.49	19.52	19.63	19.59	19.58		
20	256QAM	100	0	19.56	19.52	19.70	19.59	19.63		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.68	24.47	24.71	24.59	24.69	25.50	0
15	QPSK	1	37	24.48	24.64	24.68	24.50	24.58		
15	QPSK	1	74	24.63	24.46	24.67	24.53	24.59		
15	QPSK	36	0	23.63	23.56	23.72	23.59	23.64	24.5	1
15	QPSK	36	20	23.55	23.55	23.65	23.55	23.49		
15	QPSK	36	39	23.55	23.51	23.65	23.47	23.48		
15	QPSK	75	0	23.53	23.39	23.69	23.46	23.63		
15	16QAM	1	0	23.64	23.51	23.71	23.58	23.57	24.5	1
15	16QAM	1	37	23.42	23.51	23.46	23.45	23.52		
15	16QAM	1	74	23.53	23.58	23.49	23.52	23.40		
15	16QAM	36	0	22.64	22.50	22.66	22.65	22.61	23.5	2
15	16QAM	36	20	22.46	22.51	22.49	22.52	22.48		
15	16QAM	36	39	22.44	22.47	22.53	22.63	22.53		
15	16QAM	75	0	22.49	22.43	22.65	22.57	22.46		
15	64QAM	1	0	22.54	22.51	22.66	22.60	22.48	23.5	2
15	64QAM	1	37	22.52	22.47	22.63	22.49	22.54		
15	64QAM	1	74	22.55	22.44	22.62	22.57	22.51		
15	64QAM	36	0	21.54	21.54	21.63	21.55	21.57	22.5	3
15	64QAM	36	20	21.38	21.48	21.61	21.53	21.51		
15	64QAM	36	39	21.58	21.57	21.63	21.56	21.54		
15	64QAM	75	0	21.52	21.58	21.64	21.53	21.59		
15	256QAM	1	0	19.49	19.46	19.55	19.60	19.52	20.5	5
15	256QAM	1	37	19.42	19.46	19.50	19.49	19.58		
15	256QAM	1	74	19.44	19.49	19.54	19.48	19.47		
15	256QAM	36	0	19.55	19.47	19.65	19.45	19.53	20.5	5
15	256QAM	36	20	19.49	19.51	19.55	19.48	19.58		
15	256QAM	36	39	19.36	19.38	19.57	19.54	19.54		
15	256QAM	75	0	19.49	19.44	19.61	19.52	19.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.57	24.55	24.76	24.68	24.69	25.50	0
10	QPSK	1	25	24.52	24.56	24.63	24.49	24.52		
10	QPSK	1	49	24.60	24.49	24.69	24.51	24.59		
10	QPSK	25	0	23.62	23.57	23.74	23.62	23.63	24.5	1
10	QPSK	25	12	23.49	23.61	23.62	23.53	23.43		
10	QPSK	25	25	23.56	23.55	23.67	23.58	23.46		
10	QPSK	50	0	23.56	23.42	23.68	23.42	23.60		
10	16QAM	1	0	23.62	23.57	23.65	23.58	23.49	24.5	1
10	16QAM	1	25	23.41	23.50	23.49	23.48	23.46		
10	16QAM	1	49	23.51	23.53	23.54	23.53	23.42		
10	16QAM	25	0	22.56	22.51	22.63	22.64	22.61	23.5	2
10	16QAM	25	12	22.49	22.57	22.53	22.55	22.44		
10	16QAM	25	25	22.43	22.44	22.57	22.58	22.53		
10	16QAM	50	0	22.51	22.52	22.57	22.48	22.41		
10	64QAM	1	0	22.53	22.57	22.68	22.55	22.53	23.5	2
10	64QAM	1	25	22.60	22.42	22.61	22.52	22.55		
10	64QAM	1	49	22.44	22.46	22.55	22.52	22.46		
10	64QAM	25	0	21.63	21.52	21.74	21.65	21.51	22.5	3
10	64QAM	25	12	21.44	21.52	21.50	21.53	21.47		
10	64QAM	25	25	21.48	21.55	21.54	21.49	21.45		
10	64QAM	50	0	21.47	21.56	21.63	21.50	21.60		
10	256QAM	1	0	19.46	19.48	19.57	19.57	19.47	20.5	5
10	256QAM	1	25	19.46	19.49	19.56	19.43	19.51		
10	256QAM	1	49	19.42	19.52	19.53	19.42	19.45		
10	256QAM	25	0	19.55	19.48	19.59	19.46	19.54	20.5	5
10	256QAM	25	12	19.54	19.47	19.65	19.44	19.59		
10	256QAM	25	25	19.43	19.41	19.54	19.48	19.44		
10	256QAM	50	0	19.43	19.43	19.57	19.52	19.59		
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	24.67	24.46	24.68	24.60	24.61	25.50	0
5	QPSK	1	12	24.56	24.57	24.66	24.52	24.53		
5	QPSK	1	24	24.67	24.46	24.68	24.61	24.58		
5	QPSK	12	0	23.64	23.51	23.66	23.61	23.66	24.5	1
5	QPSK	12	7	23.54	23.60	23.63	23.56	23.49		
5	QPSK	12	13	23.51	23.57	23.69	23.51	23.54		
5	QPSK	25	0	23.50	23.41	23.68	23.52	23.61		
5	16QAM	1	0	23.67	23.58	23.67	23.54	23.49	24.5	1
5	16QAM	1	12	23.40	23.47	23.52	23.43	23.49		
5	16QAM	1	24	23.45	23.50	23.48	23.48	23.45		
5	16QAM	12	0	22.53	22.45	22.68	22.62	22.53	23.5	2
5	16QAM	12	7	22.47	22.48	22.50	22.58	22.52		
5	16QAM	12	13	22.39	22.47	22.59	22.55	22.42		
5	16QAM	25	0	22.53	22.50	22.61	22.50	22.50		
5	64QAM	1	0	22.51	22.56	22.72	22.58	22.50	23.5	2
5	64QAM	1	12	22.57	22.39	22.66	22.49	22.53		
5	64QAM	1	24	22.50	22.43	22.58	22.54	22.49		
5	64QAM	12	0	21.62	21.49	21.63	21.60	21.48	22.5	3
5	64QAM	12	7	21.45	21.45	21.57	21.52	21.56		
5	64QAM	12	13	21.48	21.53	21.62	21.50	21.46		
5	64QAM	25	0	21.46	21.56	21.58	21.47	21.52		
5	256QAM	1	0	19.52	19.43	19.57	19.61	19.46	20.5	5
5	256QAM	1	12	19.49	19.56	19.51	19.49	19.49		
5	256QAM	1	24	19.39	19.44	19.56	19.49	19.41		
5	256QAM	12	0	19.61	19.48	19.62	19.51	19.58	20.5	5
5	256QAM	12	7	19.58	19.51	19.60	19.43	19.51		
5	256QAM	12	13	19.43	19.49	19.53	19.53	19.53		
5	256QAM	25	0	19.51	19.41	19.62	19.55	19.53		

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	23.47	23.56	23.44	25	0
20	QPSK	1	49	23.39	23.41	23.45		
20	QPSK	1	99	21.39	23.48	23.49		
20	QPSK	50	0	22.41	22.63	22.52		
20	QPSK	50	24	22.43	22.51	22.44	24	1
20	QPSK	50	50	22.43	22.56	22.51		
20	QPSK	100	0	22.44	22.46	22.45		
20	16QAM	1	0	22.57	22.62	22.56		
20	16QAM	1	49	22.41	22.47	22.41	24	1
20	16QAM	1	99	22.38	22.43	22.43		
20	16QAM	50	0	21.39	21.58	21.49		
20	16QAM	50	24	21.43	21.44	21.41	23	2
20	16QAM	50	50	21.42	21.44	21.42		
20	16QAM	100	0	21.44	21.48	21.43		
20	64QAM	1	0	21.58	21.71	21.66		
20	64QAM	1	49	21.47	21.51	21.43	23	2
20	64QAM	1	99	21.44	21.56	21.47		
20	64QAM	50	0	20.46	20.62	20.54		
20	64QAM	50	24	20.40	20.47	20.50	22	3
20	64QAM	50	50	20.48	20.57	20.48		
20	64QAM	100	0	20.47	20.57	20.52		
20	256QAM	1	0	18.38	18.45	18.46		
20	256QAM	1	49	18.40	18.56	18.52	20	5
20	256QAM	1	99	18.43	18.49	18.42		
20	256QAM	50	0	18.47	18.59	18.50		
20	256QAM	50	24	18.43	18.48	18.52	20	5
20	256QAM	50	50	18.47	18.44	18.50		
20	256QAM	100	0	18.43	18.52	18.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.40	23.43	23.39	25	0
15	QPSK	1	37	23.35	23.31	23.36		
15	QPSK	1	74	23.30	23.43	23.35		
15	QPSK	36	0	22.38	22.55	22.41		
15	QPSK	36	20	22.37	22.45	22.38	24	1
15	QPSK	36	39	22.34	22.45	22.41		
15	QPSK	75	0	22.38	22.47	22.35		
15	16QAM	1	0	22.45	22.49	22.48		
15	16QAM	1	37	22.27	22.43	22.29	24	1
15	16QAM	1	74	22.32	22.30	22.36		
15	16QAM	36	0	21.28	21.47	21.44		
15	16QAM	36	20	21.38	21.33	21.30	23	2
15	16QAM	36	39	21.33	21.32	21.37		
15	16QAM	75	0	21.32	21.35	21.39		
15	64QAM	1	0	21.50	21.62	21.58		
15	64QAM	1	37	21.44	21.43	21.32	23	2
15	64QAM	1	74	21.32	21.51	21.38		
15	64QAM	36	0	20.37	20.51	20.45		
15	64QAM	36	20	20.31	20.36	20.37	22	3
15	64QAM	36	39	20.34	20.44	20.44		
15	64QAM	75	0	20.38	20.51	20.46		
15	256QAM	1	0	18.35	18.41	18.34		
15	256QAM	1	37	18.36	18.47	18.45	20	5
15	256QAM	1	74	18.28	18.43	18.37		
15	256QAM	36	0	18.44	18.48	18.40		
15	256QAM	36	20	18.33	18.38	18.44	20	5
15	256QAM	36	39	18.40	18.38	18.36		
15	256QAM	75	0	18.35	18.45	18.28		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.37	23.44	23.33	25	0
10	QPSK	1	25	23.27	23.37	23.31		
10	QPSK	1	49	23.33	23.41	23.35		
10	QPSK	25	0	22.27	22.52	22.45		
10	QPSK	25	12	22.40	22.36	22.40	24	1
10	QPSK	25	25	22.36	22.52	22.47		
10	QPSK	50	0	22.31	22.52	22.37		
10	16QAM	1	0	22.45	22.52	22.47		
10	16QAM	1	25	22.30	22.40	22.36	24	1
10	16QAM	1	49	22.24	22.22	22.32		
10	16QAM	25	0	21.33	21.50	21.38		
10	16QAM	25	12	21.30	21.35	21.33	23	2
10	16QAM	25	25	21.28	21.31	21.36		
10	16QAM	50	0	21.41	21.41	21.37		
10	64QAM	1	0	21.45	21.65	21.60		
10	64QAM	1	25	21.34	21.45	21.39	23	2
10	64QAM	1	49	21.31	21.42	21.43		
10	64QAM	25	0	20.33	20.49	20.41		
10	64QAM	25	12	20.30	20.33	20.43	22	3
10	64QAM	25	25	20.44	20.52	20.36		
10	64QAM	50	0	20.35	20.49	20.47		
10	256QAM	1	0	18.23	18.42	18.40		
10	256QAM	1	25	18.34	18.49	18.46	20	5
10	256QAM	1	49	18.30	18.36	18.27		
10	256QAM	25	0	18.42	18.45	18.36		
10	256QAM	25	12	18.28	18.41	18.47	20	5
10	256QAM	25	25	18.39	18.37	18.42		
10	256QAM	50	0	18.37	18.46	18.38		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.34	23.49	23.36	25	0
5	QPSK	1	12	23.32	23.31	23.34		
5	QPSK	1	24	23.31	23.36	23.28		
5	QPSK	12	0	22.38	22.48	22.46	24	1
5	QPSK	12	7	22.39	22.46	22.29		
5	QPSK	12	13	22.29	22.45	22.43		
5	QPSK	25	0	22.31	22.49	22.34		
5	16QAM	1	0	22.52	22.55	22.51	24	1
5	16QAM	1	12	22.35	22.42	22.33		
5	16QAM	1	24	22.26	22.32	22.29		
5	16QAM	12	0	21.35	21.52	21.36	23	2
5	16QAM	12	7	21.34	21.38	21.31		
5	16QAM	12	13	21.34	21.36	21.34		
5	16QAM	25	0	21.32	21.40	21.36		
5	64QAM	1	0	21.47	21.63	21.56	23	2
5	64QAM	1	12	21.32	21.40	21.33		
5	64QAM	1	24	21.32	21.41	21.42		
5	64QAM	12	0	20.32	20.53	20.44	22	3
5	64QAM	12	7	20.28	20.42	20.39		
5	64QAM	12	13	20.37	20.54	20.39		
5	64QAM	25	0	20.32	20.47	20.41		
5	256QAM	1	0	18.28	18.37	18.43		
5	256QAM	1	12	18.33	18.45	18.44	20	5
5	256QAM	1	24	18.36	18.42	18.28		
5	256QAM	12	0	18.39	18.34	18.42		
5	256QAM	12	7	18.30	18.45	18.37	20	5
5	256QAM	12	13	18.35	18.33	18.36		
5	256QAM	25	0	18.30	18.45	18.34		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.42	23.44	23.34	25	0
3	QPSK	1	8	23.27	23.33	23.40		
3	QPSK	1	14	23.35	23.42	23.26		
3	QPSK	8	0	22.30	22.51	22.41	24	1
3	QPSK	8	4	22.47	22.47	22.30		
3	QPSK	8	7	22.31	22.46	22.39		
3	QPSK	15	0	22.31	22.53	22.41		
3	16QAM	1	0	22.45	22.49	22.43	24	1
3	16QAM	1	8	22.27	22.41	22.27		
3	16QAM	1	14	22.25	22.29	22.26		
3	16QAM	8	0	21.32	21.45	21.41	23	2
3	16QAM	8	4	21.37	21.36	21.33		
3	16QAM	8	7	21.29	21.40	21.33		
3	16QAM	15	0	21.31	21.36	21.31		
3	64QAM	1	0	21.52	21.61	21.58	23	2
3	64QAM	1	8	21.42	21.45	21.37		
3	64QAM	1	14	21.38	21.48	21.43		
3	64QAM	8	0	20.32	20.51	20.46	22	3
3	64QAM	8	4	20.32	20.40	20.37		
3	64QAM	8	7	20.37	20.46	20.44		
3	64QAM	15	0	20.39	20.52	20.45		
3	256QAM	1	0	18.33	18.41	18.34	20	5
3	256QAM	1	8	18.34	18.46	18.47		
3	256QAM	1	14	18.33	18.37	18.37		
3	256QAM	8	0	18.36	18.50	18.36		
3	256QAM	8	4	18.28	18.40	18.38	20	5
3	256QAM	8	7	18.44	18.30	18.46		
3	256QAM	15	0	18.39	18.49	18.37		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.39	23.51	23.40	25	0
1.4	QPSK	1	3	23.25	23.31	23.32		
1.4	QPSK	1	5	23.31	23.40	23.26		
1.4	QPSK	3	0	23.27	23.51	23.41		
1.4	QPSK	3	1	23.38	23.48	23.33		
1.4	QPSK	3	3	23.40	23.41	23.43		
1.4	QPSK	6	0	22.30	22.54	22.36	24	1
1.4	16QAM	1	0	22.50	22.48	22.43		
1.4	16QAM	1	3	22.32	22.41	22.38		
1.4	16QAM	1	5	22.30	22.32	22.30	24	1
1.4	16QAM	3	0	22.33	22.48	22.44		
1.4	16QAM	3	1	22.33	22.37	22.29		
1.4	16QAM	3	3	22.36	22.40	22.34		
1.4	16QAM	6	0	21.30	21.41	21.38	23	2
1.4	64QAM	1	0	21.49	21.59	21.55		
1.4	64QAM	1	3	21.40	21.46	21.38		
1.4	64QAM	1	5	21.39	21.45	21.38	23	2
1.4	64QAM	3	0	21.34	21.52	21.45		
1.4	64QAM	3	1	21.34	21.35	21.44		
1.4	64QAM	3	3	21.38	21.53	21.33		
1.4	64QAM	6	0	20.43	20.53	20.42	22	3
1.4	256QAM	1	0	18.32	18.41	18.34		
1.4	256QAM	1	3	18.31	18.44	18.45		
1.4	256QAM	1	5	18.39	18.35	18.38	20	5
1.4	256QAM	3	0	18.37	18.52	18.41		
1.4	256QAM	3	1	18.30	18.33	18.43		
1.4	256QAM	3	3	18.32	18.34	18.35		
1.4	256QAM	6	0	18.38	18.42	18.38	20	5

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.70	22.87	22.79	24.5	0
20	QPSK	1	49	22.70	22.82	22.72		
20	QPSK	1	99	22.71	20.80	22.78		
20	QPSK	50	0	21.64	21.85	21.73		
20	QPSK	50	24	21.63	21.71	21.73	23.5	1
20	QPSK	50	50	21.69	21.82	21.70		
20	QPSK	100	0	21.62	21.82	21.70		
20	16QAM	1	0	21.64	21.77	21.79		
20	16QAM	1	49	21.60	21.76	21.67	23.5	1
20	16QAM	1	99	21.63	21.68	21.68		
20	16QAM	50	0	20.61	20.80	20.71		
20	16QAM	50	24	20.58	20.68	20.71	22.5	2
20	16QAM	50	50	20.65	20.65	20.72		
20	16QAM	100	0	20.59	20.76	20.72		
20	64QAM	1	0	20.81	20.81	20.75		
20	64QAM	1	49	20.64	20.79	20.70	22.5	2
20	64QAM	1	99	20.62	20.77	20.72		
20	64QAM	50	0	19.67	19.82	19.67		
20	64QAM	50	24	19.65	19.71	19.65	21.5	3
20	64QAM	50	50	19.65	19.77	19.73		
20	64QAM	100	0	19.65	19.70	19.72		
20	256QAM	1	0	17.75	17.78	17.80		
20	256QAM	1	49	17.73	17.82	17.72	19.5	5
20	256QAM	1	99	17.66	17.78	17.80		
20	256QAM	50	0	17.69	17.88	17.71		
20	256QAM	50	24	17.71	17.82	17.76	19.5	5
20	256QAM	50	50	17.66	17.81	17.77		
20	256QAM	100	0	17.68	17.84	17.69		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.63	22.74	22.66	24.5	0
15	QPSK	1	37	22.65	22.71	22.68		
15	QPSK	1	74	22.68	22.70	22.63		
15	QPSK	36	0	21.55	21.79	21.61		
15	QPSK	36	20	21.59	21.60	21.65	23.5	1
15	QPSK	36	39	21.58	21.69	21.57		
15	QPSK	75	0	21.53	21.69	21.59		
15	16QAM	1	0	21.58	21.74	21.66		
15	16QAM	1	37	21.54	21.61	21.59	23.5	1
15	16QAM	1	74	21.56	21.60	21.56		
15	16QAM	36	0	20.52	20.70	20.58		
15	16QAM	36	20	20.59	20.62	20.65	22.5	2
15	16QAM	36	39	20.54	20.51	20.67		
15	16QAM	75	0	20.55	20.72	20.66		
15	64QAM	1	0	20.59	20.77	20.69		
15	64QAM	1	37	20.52	20.71	20.58	22.5	2
15	64QAM	1	74	20.52	20.69	20.61		
15	64QAM	36	0	19.55	19.72	19.57		
15	64QAM	36	20	19.58	19.58	19.55	21.5	3
15	64QAM	36	39	19.54	19.73	19.68		
15	64QAM	75	0	19.51	19.65	19.68		
15	256QAM	1	0	17.70	17.74	17.73		
15	256QAM	1	37	17.63	17.68	17.67	19.5	5
15	256QAM	1	74	17.54	17.63	17.72		
15	256QAM	36	0	17.64	17.81	17.64		
15	256QAM	36	20	17.59	17.69	17.69	19.5	5
15	256QAM	36	39	17.54	17.75	17.73		
15	256QAM	75	0	17.61	17.80	17.62		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.65	22.72	22.65	24.5	0
10	QPSK	1	25	22.67	22.79	22.65		
10	QPSK	1	49	22.58	22.68	22.74		
10	QPSK	25	0	21.55	21.79	21.70		
10	QPSK	25	12	21.59	21.66	21.65	23.5	1
10	QPSK	25	25	21.55	21.71	21.63		
10	QPSK	50	0	21.61	21.77	21.56		
10	16QAM	1	0	21.52	21.74	21.70		
10	16QAM	1	25	21.55	21.72	21.54	23.5	1
10	16QAM	1	49	21.60	21.80	21.53		
10	16QAM	25	0	20.55	20.71	20.66		
10	16QAM	25	12	20.58	20.55	20.61	22.5	2
10	16QAM	25	25	20.52	20.59	20.68		
10	16QAM	50	0	20.51	20.63	20.59		
10	64QAM	1	0	20.63	20.66	20.60		
10	64QAM	1	25	20.60	20.65	20.58	22.5	2
10	64QAM	1	49	20.58	20.70	20.67		
10	64QAM	25	0	19.57	19.74	19.59		
10	64QAM	25	12	19.56	19.66	19.57	21.5	3
10	64QAM	25	25	19.54	19.64	19.61		
10	64QAM	50	0	19.51	19.61	19.68		
10	256QAM	1	0	17.72	17.83	17.73		
10	256QAM	1	25	17.65	17.77	17.64	19.5	5
10	256QAM	1	49	17.56	17.66	17.73		
10	256QAM	25	0	17.58	17.84	17.65		
10	256QAM	25	12	17.64	17.71	17.69	19.5	5
10	256QAM	25	25	17.55	17.72	17.69		
10	256QAM	50	0	17.62	17.73	17.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.57	22.78	22.72	24.5	0
5	QPSK	1	12	22.58	22.74	22.66		
5	QPSK	1	24	22.61	22.70	22.73		
5	QPSK	12	0	21.51	21.71	21.60		
5	QPSK	12	7	21.56	21.59	21.69	23.5	1
5	QPSK	12	13	21.64	21.77	21.66		
5	QPSK	25	0	21.58	21.76	21.63		
5	16QAM	1	0	21.60	21.72	21.70		
5	16QAM	1	12	21.58	21.70	21.53	23.5	1
5	16QAM	1	24	21.55	21.56	21.59		
5	16QAM	12	0	20.51	20.72	20.59		
5	16QAM	12	7	20.53	20.62	20.64	22.5	2
5	16QAM	12	13	20.56	20.53	20.64		
5	16QAM	25	0	20.54	20.70	20.65		
5	64QAM	1	0	20.65	20.66	20.69		
5	64QAM	1	12	20.56	20.70	20.59	22.5	2
5	64QAM	1	24	20.56	20.70	20.64		
5	64QAM	12	0	19.58	19.76	19.62		
5	64QAM	12	7	19.57	19.59	19.56	21.5	3
5	64QAM	12	13	19.61	19.72	19.61		
5	64QAM	25	0	19.55	19.62	19.60		
5	256QAM	1	0	17.60	17.66	17.72		
5	256QAM	1	12	17.62	17.73	17.64	19.5	5
5	256QAM	1	24	17.63	17.70	17.66		
5	256QAM	12	0	17.66	17.84	17.63		
5	256QAM	12	7	17.67	17.76	17.68	19.5	5
5	256QAM	12	13	17.51	17.74	17.65		
5	256QAM	25	0	17.64	17.79	17.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.60	22.77	22.65	24.5	0
3	QPSK	1	8	22.67	22.77	22.59		
3	QPSK	1	14	22.56	22.69	22.74		
3	QPSK	8	0	21.59	21.80	21.65	23.5	1
3	QPSK	8	4	21.53	21.61	21.60		
3	QPSK	8	7	21.63	21.74	21.65		
3	QPSK	15	0	21.56	21.72	21.58		
3	16QAM	1	0	21.54	21.74	21.70		
3	16QAM	1	8	21.54	21.68	21.61	23.5	1
3	16QAM	1	14	21.59	21.60	21.64		
3	16QAM	8	0	20.53	20.68	20.63		
3	16QAM	8	4	20.54	20.55	20.63	22.5	2
3	16QAM	8	7	20.52	20.52	20.62		
3	16QAM	15	0	20.56	20.72	20.65		
3	64QAM	1	0	20.65	20.70	20.70		
3	64QAM	1	8	20.58	20.72	20.62	22.5	2
3	64QAM	1	14	20.57	20.68	20.68		
3	64QAM	8	0	19.53	19.76	19.60		
3	64QAM	8	4	19.53	19.66	19.55	21.5	3
3	64QAM	8	7	19.60	19.73	19.68		
3	64QAM	15	0	19.60	19.59	19.58		
3	256QAM	1	0	17.67	17.70	17.73		
3	256QAM	1	8	17.70	17.73	17.84	19.5	5
3	256QAM	1	14	17.62	17.64	17.69		
3	256QAM	8	0	17.61	17.81	17.60		
3	256QAM	8	4	17.63	17.78	17.66	19.5	5
3	256QAM	8	7	17.59	17.77	17.71		
3	256QAM	15	0	17.55	17.74	17.60		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.57	22.73	22.64	24.5	0
1.4	QPSK	1	3	22.63	22.74	22.68		
1.4	QPSK	1	5	22.62	22.69	22.67		
1.4	QPSK	3	0	22.56	22.75	22.64		
1.4	QPSK	3	1	22.51	22.61	22.68		
1.4	QPSK	3	3	22.63	22.76	22.65		
1.4	QPSK	6	0	21.55	21.76	21.64	23.5	1
1.4	16QAM	1	0	21.53	21.72	21.75		
1.4	16QAM	1	3	21.51	21.63	21.57		
1.4	16QAM	1	5	21.56	21.62	21.62	23.5	1
1.4	16QAM	3	0	21.54	21.66	21.67		
1.4	16QAM	3	1	21.54	21.60	21.64		
1.4	16QAM	3	3	21.54	21.56	21.61		
1.4	16QAM	6	0	20.59	20.65	20.66	22.5	2
1.4	64QAM	1	0	20.65	20.67	20.72		
1.4	64QAM	1	3	20.56	20.68	20.61		
1.4	64QAM	1	5	20.55	20.69	20.66	22.5	2
1.4	64QAM	3	0	20.55	20.70	20.60		
1.4	64QAM	3	1	20.53	20.68	20.57		
1.4	64QAM	3	3	20.51	20.67	20.59		
1.4	64QAM	6	0	19.57	19.63	19.65	21.5	3
1.4	256QAM	1	0	17.70	17.67	17.76		
1.4	256QAM	1	3	17.69	17.72	17.68		
1.4	256QAM	1	5	17.53	17.67	17.69	19.5	5
1.4	256QAM	3	0	17.62	17.83	17.66		
1.4	256QAM	3	1	17.65	17.71	17.63		
1.4	256QAM	3	3	17.55	17.76	17.70		
1.4	256QAM	6	0	17.62	17.79	17.65	19.5	5

Band 7 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	23.83	23.96	23.89	25	0
20	QPSK	1	49	23.84	23.88	23.87		
20	QPSK	1	99	23.79	23.86	23.89		
20	QPSK	50	0	22.81	23.01	22.91		
20	QPSK	50	24	22.89	22.93	22.87	24	1
20	QPSK	50	50	22.86	22.90	22.88		
20	QPSK	100	0	22.84	23.00	22.86		
20	16QAM	1	0	22.98	23.03	22.95		
20	16QAM	1	49	22.88	22.91	22.87	24	1
20	16QAM	1	99	22.86	22.90	22.92		
20	16QAM	50	0	21.84	22.05	21.92		
20	16QAM	50	24	21.85	21.95	21.89	23

Band 38 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.46	23.55	23.41		
20	QPSK	1	49	23.39	23.42	23.36	25	0
20	QPSK	1	99	23.42	23.48	23.44		
20	QPSK	50	0	22.44	22.61	22.47		
20	QPSK	50	24	22.48	22.48	22.54	24	1
20	QPSK	50	50	22.47	22.57	22.51		
20	QPSK	100	0	22.45	22.58	22.42		
20	16QAM	1	0	22.52	22.63	22.50		
20	16QAM	1	49	22.38	22.45	22.44	24	1
20	16QAM	1	99	22.38	22.44	22.47		
20	16QAM	50	0	21.39	21.59	21.48		
20	16QAM	50	24	21.37	21.49	21.48	23	2
20	16QAM	50	50	21.44	21.54	21.47		
20	16QAM	100	0	21.41	21.50	21.48		
20	64QAM	1	0	21.53	21.59	21.57		
20	64QAM	1	49	21.34	21.45	21.45	23	2
20	64QAM	1	99	21.39	21.54	21.41		
20	64QAM	50	0	20.42	20.57	20.44		
20	64QAM	50	24	20.44	20.54	20.50	22	3
20	64QAM	50	50	20.43	20.48	20.42		
20	64QAM	100	0	20.42	20.51	20.38		
20	256QAM	1	0	18.37	18.47	18.38		
20	256QAM	1	49	18.39	18.51	18.45	20	5
20	256QAM	1	99	18.42	18.49	18.47		
20	256QAM	50	0	18.35	18.56	18.48		
20	256QAM	50	24	18.41	18.47	18.47	20	5
20	256QAM	50	50	18.44	18.45	18.40		
20	256QAM	100	0	18.39	18.51	18.37		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.38	23.49	23.29		
15	QPSK	1	37	23.28	23.33	23.31	25	0
15	QPSK	1	74	23.29	23.40	23.39		
15	QPSK	36	0	22.35	22.54	22.37		
15	QPSK	36	20	22.41	22.38	22.43	24	1
15	QPSK	36	39	22.42	22.42	22.42		
15	QPSK	75	0	22.34	22.53	22.35		
15	16QAM	1	0	22.48	22.56	22.45		
15	16QAM	1	37	22.34	22.36	22.32	24	1
15	16QAM	1	74	22.28	22.32	22.40		
15	16QAM	36	0	21.31	21.54	21.37		
15	16QAM	36	20	21.27	21.40	21.36	23	2
15	16QAM	36	39	21.38	21.50	21.42		
15	16QAM	75	0	21.27	21.45	21.38		
15	64QAM	1	0	21.39	21.55	21.51		
15	64QAM	1	37	21.28	21.33	21.37	23	2
15	64QAM	1	74	21.31	21.40	21.34		
15	64QAM	36	0	20.33	20.48	20.36		
15	64QAM	36	20	20.39	20.46	20.41	22	3
15	64QAM	36	39	20.34	20.41	20.30		
15	64QAM	75	0	20.28	20.39	20.24		
15	256QAM	1	0	18.25	18.42	18.28		
15	256QAM	1	37	18.32	18.48	18.42	20	5
15	256QAM	1	74	18.29	18.35	18.40		
15	256QAM	36	0	18.27	18.53	18.37		
15	256QAM	36	20	18.34	18.41	18.41	20	5
15	256QAM	36	39	18.40	18.33	18.26		
15	256QAM	75	0	18.34	18.46	18.33		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.40	23.46	23.29		
10	QPSK	1	25	23.27	23.30	23.26	25	0
10	QPSK	1	49	23.29	23.40	23.33		
10	QPSK	25	0	22.41	22.58	22.40		
10	QPSK	25	12	22.42	22.37	22.39	24	1
10	QPSK	25	25	22.44	22.52	22.48		
10	QPSK	50	0	22.32	22.52	22.31		
10	16QAM	1	0	22.46	22.55	22.39		
10	16QAM	1	25	22.26	22.36	22.37	24	1
10	16QAM	1	49	22.31	22.30	22.33		
10	16QAM	25	0	21.28	21.54	21.40		
10	16QAM	25	12	21.24	21.38	21.37	23	2
10	16QAM	25	25	21.40	21.48	21.39		
10	16QAM	50	0	21.34	21.37	21.41		
10	64QAM	1	0	21.43	21.52	21.50		
10	64QAM	1	25	21.29	21.33	21.33	23	2
10	64QAM	1	49	21.33	21.45	21.32		
10	64QAM	25	0	20.32	20.46	20.29		
10	64QAM	25	12	20.30	20.51	20.45	22	3
10	64QAM	25	25	20.34	20.44	20.34		
10	64QAM	50	0	20.27	20.41	20.25		
10	256QAM	1	0	18.28	18.37	18.27		
10	256QAM	1	25	18.30	18.37	18.31	20	5
10	256QAM	1	49	18.30	18.39	18.41		
10	256QAM	25	0	18.20	18.43	18.38		
10	256QAM	25	12	18.28	18.33	18.34	20	5
10	256QAM	25	25	18.29	18.34	18.30		
10	256QAM	50	0	18.34	18.40	18.32		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.42	23.46	23.30		
5	QPSK	1	12	23.34	23.36	23.24	25	0
5	QPSK	1	24	23.28	23.38	23.30		
5	QPSK	12	0	22.34	22.50	22.38		
5	QPSK	12	7	22.37	22.37	22.50	24	1
5	QPSK	12	13	22.42	22.50	22.37		
5	QPSK	25	0	22.38	22.50	22.34		
5	16QAM	1	0	22.45	22.57	22.37		
5	16QAM	1	12	22.34	22.42	22.36	24	1
5	16QAM	1	24	22.32	22.36	22.37		
5	16QAM	12	0	21.24	21.52	21.42		
5	16QAM	12	7	21.26	21.35	21.44	23	2
5	16QAM	12	13	21.33	21.45	21.41		
5	16QAM	25	0	21.26	21.46	21.33		
5	64QAM	1	0	21.45	21.46	21.54		
5	64QAM	1	12	21.21	21.37	21.30	23	2
5	64QAM	1	24	21.28	21.49	21.33		
5	64QAM	12	0	20.31	20.48	20.32		
5	64QAM	12	7	20.33	20.39	20.42	22	3
5	64QAM	12	13	20.40	20.41	20.29		
5	64QAM	25	0	20.28	20.39	20.25		
5	256QAM	1	0	18.27	18.42	18.30		
5	256QAM	1	12	18.26	18.37	18.39	20	5
5	256QAM	1	24	18.38	18.45	18.44		
5	256QAM	12	0	18.27	18.45	18.37		
5	256QAM	12	7	18.28	18.39	18.38	20	5
5	256QAM	12	13	18.33	18.41	18.30		
5	256QAM	25	0	18.33	18.40	18.32		

Band 41 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	23.72	23.63	23.77	23.56	23.69		
20	QPSK	1	49	23.57	23.64	23.67	23.69	23.61	25	0
20	QPSK	1	99	23.71	23.62	23.74	23.68	23.64		
20	QPSK	50	0	22.62	22.54	22.67	22.50	22.64		
20	QPSK	50	24	22.60	22.52	22.63	22.52	22.50	24	1
20	QPSK	50	50	22.43	22.53	22.55	22.52	22.51		
20	QPSK	100	0	22.52	22.41	22.62	22.54	22.48		
20	16QAM	1	0	22.56	22.52	22.67	22.57	22.54		
20	16QAM	1	49	22.48	22.39	22.55	22.50	22.43	24	1
20	16QAM	1	99	22.40	22.48	22.55	22.48	22.41		
20	16QAM	50	0	21.60	21.43	21.64	21.47	21.57		
20	16QAM	50	24	21.40	21.52	21.52	21.48	21.44	23	2
20	16QAM	50	50	21.48	21.47	21.59	21.51	21.53		
20	16QAM	100	0	21.53	21.50	21.56	21.50	21.47		
20	64QAM	1	0	21.60	21.56	21.70	21.66	21.60		
20	64QAM	1	49	21.48	21.45	21.57	21.54	21.44	23	2
20	64QAM	1	99	21.40	21.49	21.53	21.46	21.41		
20	64QAM	50	0	20.62	20.46	20.68	20.57	20.54		
20	64QAM	50	24	20.44	20.53	20.55	20.57	20.51	22	3
20	64QAM	50	50	20.40	20.53	20.54	20.55	20.43		
20	64QAM	100	0	20.48	20.56	20.57	20.56	20.49		
20	256QAM	1	0	18.34	18.51	18.48	18.53	18.37		
20	256QAM	1	49	18.52	18.48	18.58	18.46	18.48	20	5
20	256QAM	1	99	18.45	18.46	18.54	18.48	18.45		
20	256QAM	50	0	18.57	18.48	18.62	18.50	18.50		
20	256QAM	50	24	18.49	18.42	18.54	18.47	18.47	20	5
20	256QAM	50	50	18.43	18.49	18.58	18.53	18.50		
20	256QAM	100	0	18.44	18.46	18.48	18.52	18.38		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.62	23.50	23.74	23.53	23.62		
15	QPSK	1	37	23.46	23.53	23.63	23.55	23.51	25.00	0
15	QPSK	1	74	23.61	23.56	23.64	23.57	23.55		
15	QPSK	36	0	22.51	22.44	22.64	22.45	22.57		
15	QPSK	36	20	22.49	22.47	22.58	22.48	22.46	24	1
15	QPSK	36	39	22.29	22.41	22.45	22.40	22.42		
15	QPSK	75	0	22.49	22.28	22.52	22.48	22.40		
15	16QAM	1	0	22.52	22.45	22.62	22.50	22.47		
15	16QAM	1	37	22.33	22.33	22.48	22.38	22.39	24	1
15	16QAM	1	74	22.34	22.37	22.46	22.44	22.27		
15	16QAM	36	0	21.49	21.31	21.51	21.38	21.45		
15	16QAM	36	20	21.32	21.39	21.46	21.38	21.38	23	2
15	16QAM	36	39	21.36	21.39	21.49	21.46	21.40		
15	16QAM	75	0	21.44	21.42	21.41	21.47	21.39		
15	64QAM	1	0	21.53	21.47	21.65	21.63	21.50		
15	64QAM	1	37	21.40	21.30	21.47	21.43	21.36	23	2
15	64QAM	1	74	21.34	21.43	21.42	21.41	21.31		
15	64QAM	36	0	20.53	20.42	20.56	20.50	20.44		
15	64QAM	36	20	20.41	20.42	20.48	20.51	20.37	22	3
15	64QAM	36	39	20.32	20.44	20.43	20.43	20.39		
15	64QAM	75	0	20.44	20.46	20.52	20.44	20.45		
15	256QAM	1	0	18.21	18.38	18.40	18.45	18.33		
15	256QAM	1	37	18.45	18.43	18.52	18.34	18.35	20	5
15	256QAM	1	74	18.37	18.32	18.41	18.37	18.37		
15	256QAM	36	0	18.45	18.43	18.55	18.47	18.36		
15	256QAM	36	20	18.45	18.35	18.44	18.39	18.38	20	5
15	256QAM	36	39	18.37	18.43	18.50	18.38	18.46		
15	256QAM	75	0	18.35	18.41	18.34	18.39	18.33		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.66	23.49	23.69	23.44	23.59		
10	QPSK	1	25	23.53	23.55	23.55	23.54	23.49	25.00	0
10	QPSK	1	49	23.68	23.51	23.61	23.58	23.57		
10	QPSK	25	0	22.51	22.51	22.55	22.37	22.60		
10	QPSK	25	12	22.55	22.39	22.52	22.43	22.41	24	1
10	QPSK	25	25	22.30	22.38	22.49	22.39	22.38		
10	QPSK	50	0	22.41	22.32	22.56	22.46	22.38		
10	16QAM	1	0	22.49	22.43	22.60	22.49	22.44		
10	16QAM	1	25	22.42	22.28	22.45	22.35	22.29	24	1
10	16QAM	1	49	22.28	22.39	22.42	22.35	22.26		
10	16QAM	25	0	21.51	21.32	21.58	21.35	21.45		
10	16QAM	25	12	21.33	21.46	21.48	21.39	21.40	23	2
10	16QAM	25	25	21.44	21.38	21.53	21.38	21.40		
10	16QAM	50	0	21.39	21.38	21.43	21.42	21.37		
10	64QAM	1	0	21.47	21.42	21.56	21.57	21.55		
10	64QAM	1	25	21.45	21.40	21.46	21.49	21.32	23	2
10	64QAM	1	49	21.29	21.39	21.41	21.43	21.31		
10	64QAM	25	0	20.58	20.42	20.55	20.46	20.49		
10	64QAM	25	12	20.36	20.41	20.52	20.48	20.40	22	3
10	64QAM	25	25	20.29	20.46	20.45	20.50	20.37		
10	64QAM	50	0	20.33	20.48	20.47	20.48	20.45		
10	256QAM	1	0	18.23	18.36	18.45	18.48	18.28		
10	256QAM	1	25	18.44	18.33	18.54	18.36	18.33	20	5
10	256QAM	1	49	18.37	18.40	18.44	18.35	18.38		
10	256QAM	25	0	18.45	18.41	18.58	18.42	18.40		
10	256QAM	25	12	18.41	18.39	18.50	18.38	18.32	20	5
10	256QAM	25	25	18.36	18.43	18.49	18.43	18.39		
10	256QAM	50	0	18.30	18.39	18.39	18.46	18.35		
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	23.59	23.56	23.63	23.46	23.59		
5	QPSK	1	12	23.52	23.58	23.54	23.58	23.51	25.00	0
5	QPSK	1	24	23.61	23.48	23.67	23.56	23.55		
5	QPSK	12	0	22.51	22.41	22.63	22.47	22.54		
5	QPSK	12	7	22.52	22.43	22.57	22.48	22.38	24	1
5	QPSK	12	13	22.34	22.45	22.44	22.39	22.41		
5	QPSK	25	0	22.43	22.29	22.53	22.50	22.45		
5	16QAM	1	0	22.44	22.41	22.57	22.54	22.48		
5	16QAM	1	12	22.43	22.33	22.45	22.42	22.37	24	1
5	16QAM	1	24	22.32	22.39	22.45	22.45	22.30		
5	16QAM	12	0	21.49	21.31	21.57	21.42	21.52		
5	16QAM	12	7	21.34	21.47	21.39	21.42	21.30	23	2
5	16QAM	12	13	21.34	21.35	21.55	21.39	21.41		
5	16QAM	25	0	21.41	21.37	21.48	21.38	21.42		
5	64QAM	1	0	21.46	21.46	21.60	21.53	21.56		
5	64QAM	1	12	21.35	21.40	21.52	21.40	21.36	23	2
5	64QAM	1	24	21.32	21.41	21.44	21.37	21.31		
5	64QAM	12	0	20.59	20.40	20.54	20.50	20.48		
5	64QAM	12	7	20.39	20.42	20.45	20.50	20.42	22	3
5	64QAM	12	13	20.32	20.40	20.46	20.50	20.31		
5	64QAM	25	0	20.40	20.51	20.51	20.48	20.39		
5	256QAM	1	0	18.27	18.37	18.43	18.40	18.32		
5	256QAM	1	12	18.49	18.39	18.50	18.39	18.44	20	5
5	256QAM	1	24	18.35	18.32	18.43	18.44	18.39		
5	256QAM	12	0	18.53	18.43	18.57	18.39	18.40		
5	256QAM	12	7	18.40	18.32	18.42	18.34	18.36	20	5
5	256QAM	12	13	18.31	18.45	18.48	18.46	18.36		
5	256QAM	25	0	18.39	18.42	18.38	18.45	18.33		

GSM1900 Ant5 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	28.48	28.53	28.49	30.00	19.48	19.53	19.49	21.00
GPRS 1 Tx slot	28.41	28.40	28.38	30.00	19.41	19.40	19.38	21.00
GPRS 2 Tx slots	25.11	25.16	25.27	27.00	19.11	19.16	19.27	21.00
GPRS 3 Tx slots	23.22	23.27	23.30	25.00	18.96	19.01	19.04	20.74
GPRS 4 Tx slots	22.89	22.73	22.87	24.00	19.89	19.73	19.87	21.00
EDGE 1 Tx slot	24.08	24.26	24.12	26.00	15.08	15.26	15.12	17.00
EDGE 2 Tx slots	21.15	21.18	21.07	23.00	15.15	15.18	15.07	17.00
EDGE 3 Tx slots	19.11	19.19	19.27	21.00	14.85	14.93	15.01	16.74
EDGE 4 Tx slots	18.05	18.20	18.11	20.00	15.05	15.20	15.11	17.00

WCDMA II Ant5 Default

WCDMA IV Ant5 Default

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.44	23.53	23.41	24.50	23.42	23.51	23.46	24.50
3GPP Rel 99	RMC 12.2Kbps	23.56	23.61	23.50	24.50	23.51	23.60	23.57	24.50
3GPP Rel 6	HSDPA Subtest-1	22.26	22.54	22.44	23.50	22.43	22.54	22.30	23.50
3GPP Rel 6	HSDPA Subtest-2	22.35	22.56	22.39	23.50	22.46	22.56	22.35	23.50
3GPP Rel 6	HSDPA Subtest-3	21.93	21.99	21.97	23.00	22.03	21.98	21.85	23.00
3GPP Rel 6	HSDPA Subtest-4	21.87	22.02	21.93	23.00	22.00	22.08	21.89	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.34	22.61	22.50	23.50	22.44	22.57	22.23	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.44	22.54	22.35	23.50	22.40	22.55	22.45	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.86	21.99	21.81	23.00	21.89	22.02	21.77	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.83	22.09	22.00	23.00	22.08	22.00	21.86	23.00
3GPP Rel 6	HSUPA Subtest-1	22.22	22.48	22.53	23.50	22.51	22.49	22.29	23.50
3GPP Rel 6	HSUPA Subtest-2	20.31	20.50	20.43	21.50	20.41	20.42	20.37	21.50
3GPP Rel 6	HSUPA Subtest-3	21.30	21.59	21.36	22.50	21.37	21.61	21.36	22.50
3GPP Rel 6	HSUPA Subtest-4	20.29	20.61	20.50	21.50	20.53	20.55	20.31	21.50
3GPP Rel 6	HSUPA Subtest-5	22.36	22.50	22.37	23.50	22.29	22.52	22.36	23.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.74	20.01	19.90	21.00	19.89	19.90	19.74	21.00

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.94	24.02	23.92		
20	QPSK	1	49	23.88	23.93	23.93	25	0
20	QPSK	1	99	23.87	23.93	23.91		
20	QPSK	50	0	22.76	22.95	22.79		
20	QPSK	50	24	22.83	22.82	22.88	24	1
20	QPSK	50	50	22.72	22.82	22.81		
20	QPSK	100	0	22.72	22.91	22.75		
20	16QAM	1	0	23.00	23.12	23.04		
20	16QAM	1	49	22.94	23.07	22.95	24	1
20	16QAM	1	99	22.98	23.07	23.02		
20	16QAM	50	0	21.87	22.05	21.87		
20	16QAM	50	24	21.90	21.96	21.90	23	2
20	16QAM	50	50	21.89	21.98	21.89		
20	16QAM	100	0	21.90	21.99	21.87		
20	64QAM	1	0	21.94	22.08	22.05		
20	64QAM	1	49	21.96	22.01	21.95	23	2
20	64QAM	1	99	21.96	22.01	21.98		
20	64QAM	50	0	20.91	21.02	20.87		
20	64QAM	50	24	20.79	20.91	20.94	22	3
20	64QAM	50	50	20.84	20.88	20.90		
20	64QAM	100	0	20.82	20.95	20.84		
20	256QAM	1	0	18.88	18.97	18.88		
20	256QAM	1	49	18.86	18.94	18.88	20	5
20	256QAM	1	99	18.81	18.88	18.92		
20	256QAM	50	0	18.80	19.00	18.89		
20	256QAM	50	24	18.85	18.86	18.88	20	5
20	256QAM	50	50	18.78	18.90	18.86		
20	256QAM	100	0	18.82	18.92	18.91		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.90	23.95	23.83		
15	QPSK	1	37	23.76	23.83	23.88	25	0
15	QPSK	1	74	23.74	23.79	23.76		
15	QPSK	36	0	22.62	22.80	22.67		
15	QPSK	36	20	22.72	22.74	22.73	24	1
15	QPSK	36	39	22.65	22.74	22.69		
15	QPSK	75	0	22.59	22.82	22.68		
15	16QAM	1	0	22.85	23.02	23.01		
15	16QAM	1	37	22.80	22.97	22.83	24	1
15	16QAM	1	74	22.85	22.98	22.91		
15	16QAM	36	0	21.73	22.00	21.83		
15	16QAM	36	20	21.77	21.82	21.83	23	2
15	16QAM	36	39	21.82	21.89	21.84		
15	16QAM	75	0	21.83	21.94	21.78		
15	64QAM	1	0	21.89	22.02	21.93		
15	64QAM	1	37	21.92	21.87	21.85	23	2
15	64QAM	1	74	21.86	21.94	21.89		
15	64QAM	36	0	20.81	20.87	20.72		
15	64QAM	36	20	20.72	20.76	20.90	22	3
15	64QAM	36	39	20.78	20.84	20.81		
15	64QAM	75	0	20.77	20.81	20.77		
15	256QAM	1	0	18.83	18.93	18.79		
15	256QAM	1	37	18.77	18.83	18.76	20	5
15	256QAM	1	74	18.77	18.82	18.86		
15	256QAM	36	0	18.71	18.92	18.78		
15	256QAM	36	20	18.76	18.77	18.74	20	5
15	256QAM	36	39	18.64	18.87	18.80		
15	256QAM	75	0	18.70	18.82	18.88		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.87	23.93	23.79		
10	QPSK	1	25	23.75	23.87	23.81	25	0
10	QPSK	1	49	23.82	23.82	23.77		
10	QPSK	25	0	22.72	22.84	22.67		
10	QPSK	25	12	22.74	22.67	22.78	24	1
10	QPSK	25	25	22.63	22.79	22.73		
10	QPSK	50	0	22.66	22.78	22.61		
10	16QAM	1	0	22.85	22.99	22.94		
10	16QAM	1	25	22.86	22.94	22.85	24	1
10	16QAM	1	49	22.85	22.99	22.87		
10	16QAM	25	0	21.73	21.92	21.75		
10	16QAM	25	12	21.84	21.91	21.86	23	2
10	16QAM	25	25	21.76	21.85	21.84		
10	16QAM	50	0	21.76	21.84	21.73		
10	64QAM	1	0	21.89	21.98	21.94		
10	64QAM	1	25	21.91	21.95	21.87	23	2
10	64QAM	1	49	21.82	21.94	21.92		
10	64QAM	25	0	20.81	20.90	20.78		
10	64QAM	25	12	20.76	20.77	20.88	22	3
10	64QAM	25	25	20.80	20.83	20.75		
10	64QAM	50	0	20.78	20.81	20.72		
10	256QAM	1	0	18.83	18.86	18.78		
10	256QAM	1	25	18.74	18.89	18.85	20	5
10	256QAM	1	49	18.66	18.82	18.79		
10	256QAM	25	0	18.69	18.90	18.76		
10	256QAM	25	12	18.80	18.73	18.73	20	5
10	256QAM	25	25	18.74	18.83	18.76		
10	256QAM	50	0	18.69	18.78	18.88		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.83	23.90	23.81		
5	QPSK	1	12	23.77	23.82	23.88	25	0
5	QPSK	1	24	23.72	23.80	23.80		
5	QPSK	12	0	22.65	22.87	22.70		
5	QPSK	12	7	22.71	22.75	22.81	24	1
5	QPSK	12	13	22.59	22.75	22.75		
5	QPSK	25	0	22.65	22.77	22.65		
5	16QAM	1	0	22.97	23.06	22.94		
5	16QAM	1	12	22.86	22.96	22.91	24	1
5	16QAM	1	24	22.85	22.96	22.94		
5	16QAM	12	0	21.81	21.94	21.75		
5	16QAM	12	7	21.78	21.84	21.81	23	2
5	16QAM	12	13	21.84	21.96	21.84		
5	16QAM	25	0	21.81	21.92	21.83		
5	64QAM	1	0	21.89	21.95	21.92		
5	64QAM	1	12	21.84	21.91	21.91	23	2
5	64QAM	1	24	21.86	21.87	21.89		
5	64QAM	12	0	20.79	20.93	20.78		
5	64QAM	12	7	20.68	20.83	20.88	22	3
5	64QAM	12	13	20.80	20.75	20.79		
5	64QAM	25	0	20.76	20.87	20.77		
5	256QAM	1	0	18.78	18.88	18.80		
5	256QAM	1	12	18.73	18.88	18.74	20	5
5	256QAM	1	24	18.74	18.75	18.86		
5	256QAM	12	0	18.71	18.92	18.79		
5	256QAM	12	7	18.82	18.75	18.81	20	5
5	256QAM	12	13	18.68	18.84	18.78		
5	256QAM	25	0	18.76	18.80	18.83		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.84	23.89	23.85		
3	QPSK	1	8	23.77	23.83	23.89	25	0
3	QPSK	1	14	23.81	23.84	23.85		
3	QPSK	8	0	22.68	22.92	22.67		
3	QPSK	8	4	22.73	22.70	22.83	24	1
3	QPSK	8	7	22.65	22.78	22.73		
3	QPSK	15	0	22.69	22.84	22.67		
3	16QAM	1	0	22.96	23.04	22.91		
3	16QAM	1	8	22.85	22.96	22.90	24	1
3	16QAM	1	14	22.87	22.98	22.88		
3	16QAM	8	0	21.83	21.93	21.73		
3	16QAM	8	4	21.79	21.83	21.78	23	2
3	16QAM	8	7	21.75	21.86	21.77		
3	16QAM	15	0	21.84	21.91	21.72		
3	64QAM	1	0	21.84	22.00	22.00		
3	64QAM	1	8	21.87	21.95	21.88	23	2
3	64QAM	1	14	21.82	21.98	21.84		
3	64QAM	8	0	20.86	20.95	20.77		
3	64QAM	8	4	20.76	20.86	20.85	22	3
3	64QAM	8	7	20.75	20.81	20.81		
3	64QAM	15	0	20.78	20.80	20.77		
3	256QAM	1	0	18.84	18.92	18.77		
3	256QAM	1	8	18.73	18.89	18.85	20	5
3	256QAM	1	14	18.68	18.74	18.89		
3	256QAM	8	0	18.71	18.87	18.81		
3	256QAM	8	4	18.70	18.78	18.82	20	5
3	256QAM	8	7	18.63	18.76	18.74		
3	256QAM	15	0	18.67	18.77	18.83		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.80	23.89	23.87		
1.4	QPSK	1	3	23.84	23.80	23.89		
1.4	QPSK	1	5	23.75	23.86	23.82	25	0
1.4	QPSK	3	0	23.68	23.91	23.73		
1.4	QPSK	3	1	23.75	23.69	23.76		
1.4	QPSK	3	3	23.63	23.70	23.71		
1.4	QPSK	6	0	22.62	22.80	22.70	24	1
1.4	16QAM	1	0	22.86	22.99	22.96		
1.4	16QAM	1	3	22.83	23.01	22.87		
1.4	16QAM	1	5	22.94	22.93	22.88	24	1
1.4	16QAM	3	0	22.82	22.93	22.82		
1.4	16QAM	3	1	22.85	22.82	22.80		
1.4	16QAM	3	3	22.85	22.91	22.79		
1.4	16QAM	6	0	21.79	21.86	21.78	23	2
1.4	64QAM	1	0	21.82	22.01	21.99		
1.4	64QAM	1	3	21.89	21.95	21.91		
1.4	64QAM	1	5	21.82	21.87	21.86	23	2
1.4	64QAM	3	0	21.82	21.95	21.81		
1.4	64QAM	3	1	21.74	21.79	21.81		
1.4	64QAM	3	3	21.75	21.75	21.87		
1.4	64QAM	6	0	20.71	20.92	20.74	22	3
1.4	256QAM	1	0	18.83	18.90	18.83		
1.4	256QAM	1	3	18.74	18.81	18.78		
1.4	256QAM	1	5	18.73	18.78	18.84	20	5
1.4	256QAM	3	0	18.77	18.95	18.81		
1.4	256QAM	3	1	18.77	18.79	18.78		
1.4	256QAM	3	3	18.74	18.82	18.74		
1.4	256QAM	6	0	18.68	18.88	18.76	20	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.68	23.75	23.71		
20	QPSK	1	49	23.59	23.63	23.61	24.5	0
20	QPSK	1	99	23.52	23.62	23.57		
20	QPSK	50	0	22.63	22.79	22.69		
20	QPSK	50	24	22.66	22.75	22.71	23.5	1
20	QPSK	50	50	22.64	22.71	22.65		
20	QPSK	100	0	22.52	22.70	22.56		
20	16QAM	1	0	22.72	22.82	22.77		
20	16QAM	1	49	22.58	22.65	22.62	23.5	1
20	16QAM	1	99	22.63	22.67	22.63		
20	16QAM	50	0	21.63	21.76	21.62		
20	16QAM	50	24	21.60	21.62	21.66	22.5	2
20	16QAM	50	50	21.59	21.72	21.69		
20	16QAM	100	0	21.64	21.62	21.68		
20	64QAM	1	0	21.65	21.80	21.68		
20	64QAM	1	49	21.50	21.60	21.61	22.5	2
20	64QAM	1	99	21.60	21.64	21.62		
20	64QAM	50	0	20.50	20.69	20.55		
20	64QAM	50	24	20.47	20.66	20.54	21.5	3
20	64QAM	50	50	20.54	20.58	20.59		
20	64QAM	100	0	20.47	20.55	20.57		
20	256QAM	1	0	18.66	18.77	18.65		
20	256QAM	1	49	18.60	18.79	18.74	19.5	5
20	256QAM	1	99	18.71	18.70	18.74		
20	256QAM	50	0	18.65	18.82	18.66		
20	256QAM	50	24	18.62	18.78	18.65	19.5	5
20	256QAM	50	50	18.66	18.76	18.65		
20	256QAM	100	0	18.65	18.68	18.73		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.63	23.63	23.61		
15	QPSK	1	37	23.54	23.59	23.55	24.5	0
15	QPSK	1	74	23.47	23.58	23.50		
15	QPSK	36	0	22.53	22.71	22.56		
15	QPSK	36	20	22.57	22.66	22.56	23.5	1
15	QPSK	36	39	22.58	22.62	22.57		
15	QPSK	75	0	22.44	22.56	22.52		
15	16QAM	1	0	22.67	22.72	22.69		
15	16QAM	1	37	22.52	22.55	22.58	23.5	1
15	16QAM	1	74	22.60	22.62	22.53		
15	16QAM	36	0	21.59	21.67	21.56		
15	16QAM	36	20	21.55	21.58	21.53	22.5	2
15	16QAM	36	39	21.49	21.67	21.55		
15	16QAM	75	0	21.60	21.52	21.64		
15	64QAM	1	0	21.52	21.70	21.55		
15	64QAM	1	37	21.46	21.53	21.54	22.5	2
15	64QAM	1	74	21.49	21.58	21.55		
15	64QAM	36	0	20.38	20.59	20.41		
15	64QAM	36	20	20.34	20.59	20.49	21.5	3
15	64QAM	36	39	20.50	20.50	20.47		
15	64QAM	75	0	20.34	20.44	20.48		
15	256QAM	1	0	18.57	18.65	18.57		
15	256QAM	1	37	18.50	18.68	18.68	19.5	5
15	256QAM	1	74	18.59	18.60	18.61		
15	256QAM	36	0	18.61	18.70	18.60		
15	256QAM	36	20	18.49	18.64	18.58	19.5	5
15	256QAM	36	39	18.61	18.68	18.55		
15	256QAM	75	0	18.52	18.59	18.68		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.59	23.64	23.57		
10	QPSK	1	25	23.49	23.52	23.49	24.5	0
10	QPSK	1	49	23.45	23.54	23.53		
10	QPSK	25	0	22.58	22.66	22.57		
10	QPSK	25	12	22.54	22.69	22.61	23.5	1
10	QPSK	25	25	22.56	22.66	22.59		
10	QPSK	50	0	22.40	22.60	22.53		
10	16QAM	1	0	22.68	22.70	22.65		
10	16QAM	1	25	22.51	22.57	22.58	23.5	1
10	16QAM	1	49	22.59	22.54	22.59		
10	16QAM	25	0	21.55	21.72	21.48		
10	16QAM	25	12	21.57	21.58	21.55	22.5	2
10	16QAM	25	25	21.54	21.58	21.56		
10	16QAM	50	0	21.53	21.55	21.62		
10	64QAM	1	0	21.59	21.65	21.65		
10	64QAM	1	25	21.36	21.53	21.57	22.5	2
10	64QAM	1	49	21.46	21.52	21.58		
10	64QAM	25	0	20.46	20.59	20.46		
10	64QAM	25	12	20.35	20.61	20.40	21.5	3
10	64QAM	25	25	20.47	20.49	20.54		
10	64QAM	50	0	20.33	20.51	20.49		
10	256QAM	1	0	18.53	18.66	18.57		
10	256QAM	1	25	18.50	18.65	18.67	19.5	5
10	256QAM	1	49	18.61	18.58	18.62		
10	256QAM	25	0	18.56	18.76	18.54		
10	256QAM	25	12	18.58	18.73	18.53	19.5	5
10	256QAM	25	25	18.52	18.72	18.57		
10	256QAM	50	0	18.55	18.57	18.63		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.65	23.69	23.66		
5	QPSK	1	12	23.46	23.58	23.47	24.5	0
5	QPSK	1	24	23.38	23.58	23.48		
5	QPSK	12	0	22.55	22.74	22.56		
5	QPSK	12	7	22.54	22.66	22.64	23.5	1
5	QPSK	12	13	22.57	22.57	22.54		
5	QPSK	25	0	22.41	22.65	22.52		
5	16QAM	1	0	22.63	22.72	22.70		
5	16QAM	1	12	22.44	22.62	22.55	23.5	1
5	16QAM	1	24	22.57	22.62	22.55		
5	16QAM	12	0	21.55	21.67	21.55		
5	16QAM	12	7	21.48	21.58	21.53	22.5	2
5	16QAM	12	13	21.59	21.59	21.60		
5	16QAM	25	0	21.59	21.51	21.53		
5	64QAM	1	0	21.53	21.74	21.60		
5	64QAM	1	12	21.44	21.56	21.53	22.5	2
5	64QAM	1	24	21.60	21.61	21.56		
5	64QAM	12	0	20.46	20.61	20.52		
5	64QAM	12	7	20.32	20.58	20.47	21.5	3
5	64QAM	12	13	20.47	20.44	20.46		
5	64QAM	25	0	20.40	20.49	20.48		
5	256QAM	1	0	18.63	18.64	18.56		
5	256QAM	1	12	18.47	18.73	18.63	19.5	5
5	256QAM	1	24	18.67	18.62	18.64		
5	256QAM	12	0	18.61	18.73	18.58		
5	256QAM	12	7	18.55	18.74	18.55	19.5	5
5	256QAM	12	13	18.61	18.69	18.56		
5	256QAM	25	0	18.51	18.53	18.67		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.99	24.05	23.96		
20	QPSK	1	49	23.93	23.95	23.89	25	0
20	QPSK	1	99	23.88	23.96	23.93		
20	QPSK	50	0	22.80	23.03	22.88		
20	QPSK	50	24	22.86	22.95	22.92	24	1
20	QPSK	50	50	22.84	22.90	22.85		
20	QPSK	100	0	22.78	23.00	22.91		
20	16QAM	1	0	22.88	22.95	23.01		
20	16QAM	1	49	22.87	23.02	22.97	24	1
20	16QAM	1	99	22.92	23.02	22.88		
20	16QAM	50	0	21.80	22.02	21.91		
20	16QAM	50	24	21.86	21.93	21.84	23	2
20	16QAM	50	50	21.82	21.90	21.87		
20	16QAM	100	0	21.82	21.96	21.87		
20	64QAM	1	0	21.99	22.01	22.03		
20	64QAM	1	49	21.92	21.94	22.00	23	2
20	64QAM	1	99	21.87	21.95	22.00		
20	64QAM	50	0	20.93	21.05	20.94		
20	64QAM	50	24	20.87	20.93	20.95	22	3
20	64QAM	50	50	20.92	20.99	20.88		
20	64QAM	100	0	20.84	21.01	20.97		
20	256QAM	1	0	18.71	18.90	18.80		
20	256QAM	1	49	18.77	18.80	18.84	20	5
20	256QAM	1	99	18.72	18.88	18.80		
20	256QAM	50	0	18.83	18.94	18.85		
20	256QAM	50	24	18.76	18.84	18.78	20	5
20	256QAM	50	50	18.79	18.86	18.86		
20	256QAM	100	0	18.73	18.81	18.81		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.89	23.95	23.84		
15	QPSK	1	37	23.84	23.94	23.85	25	0
15	QPSK	1	74	23.80	23.85	23.88		
15	QPSK	36	0	22.72	22.95	22.84		
15	QPSK	36	20	22.77	22.84	22.79	24	1
15	QPSK	36	39	22.79	22.80	22.76		
15	QPSK	75	0	22.68	22.95	22.84		
15	16QAM	1	0	22.75	22.86	22.90		
15	16QAM	1	37	22.76	22.94	22.84	24	1
15	16QAM	1	74	22.87	22.96	22.83		
15	16QAM	36	0	21.72	21.92	21.81		
15	16QAM	36	20	21.73	21.89	21.76	23	2
15	16QAM	36	39	21.77	21.77	21.83		
15	16QAM	75	0	21.75	21.92	21.75		
15	64QAM	1	0	21.84	21.94	21.95		
15	64QAM	1	37	21.85	21.83	21.95	23	2
15	64QAM	1	74	21.82	21.88	21.89		
15	64QAM	36	0	20.89	21.00	20.86		
15	64QAM	36	20	20.77	20.82	20.83	22	3
15	64QAM	36	39	20.88	20.91	20.75		
15	64QAM	75	0	20.78	20.88	20.83		
15	256QAM	1	0	18.57	18.86	18.70		
15	256QAM	1	37	18.62	18.74	18.78	20	5
15	256QAM	1	74	18.68	18.84	18.73		
15	256QAM	36	0	18.77	18.89	18.70		
15	256QAM	36	20	18.68	18.70	18.73	20	5
15	256QAM	36	39	18.71	18.76	18.81		
15	256QAM	75	0	18.63	18.71	18.69		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.86	23.93	23.88		
10	QPSK	1	25	23.84	23.88	23.85	25	0
10	QPSK	1	49	23.81	23.87	23.88		
10	QPSK	25	0	22.75	22.98	22.79		
10	QPSK	25	12	22.81	22.88	22.83	24	1
10	QPSK	25	25	22.78	22.83	22.78		
10	QPSK	50	0	22.75	22.92	22.85		
10	16QAM	1	0	22.85	22.83	22.87		
10	16QAM	1	25	22.75	22.94	22.83	24	1
10	16QAM	1	49	22.87	22.93	22.75		
10	16QAM	25	0	21.76	21.94	21.81		
10	16QAM	25	12	21.80	21.89	21.75	23	2
10	16QAM	25	25	21.71	21.76	21.80		
10	16QAM	50	0	21.73	21.81	21.81		
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BW [MHz]	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	23.77	23.82	23.73	24.5	0
20	QPSK	1	49	23.65	23.73	23.64		
20	QPSK	1	99	23.63	23.75	23.73		
20	QPSK	50	0	22.64	22.85	22.74	23.5	1
20	QPSK	50	24	22.67	22.71	22.77		
20	QPSK	50	50	22.63	22.71	22.71		
20	QPSK	100	0	22.63	22.81	22.72		
20	16QAM	1	0	22.77	22.78	22.81	23.5	1
20	16QAM	1	49	22.64	22.76	22.73		
20	16QAM	1	99	22.67	22.73	22.72		
20	16QAM	50	0	21.67	21.81	21.68	22.5	2
20	16QAM	50	24	21.62	21.68	21.72		
20	16QAM	50	50	21.61	21.76	21.74		
20	16QAM	100	0	21.60	21.70	21.67		
20	64QAM	1	0	21.78	21.79	21.76	22.5	2
20	64QAM	1	49	21.64	21.73	21.70		
20	64QAM	1	99	21.59	21.69	21.63		
20	64QAM	50	0	20.58	20.79	20.70	21.5	3
20	64QAM	50	24	20.60	20.67	20.65		
20	64QAM	50	50	20.66	20.67	20.62		
20	64QAM	100	0	20.60	20.67	20.67		
20	256QAM	1	0	18.62	18.77	18.74	19.5	5
20	256QAM	1	49	18.69	18.71	18.67		
20	256QAM	1	99	18.63	18.69	18.65		
20	256QAM	50	0	18.61	18.82	18.67	19.5	5
20	256QAM	50	24	18.69	18.71	18.70		
20	256QAM	50	50	18.60	18.78	18.64		
20	256QAM	100	0	18.64	18.74	18.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.70	23.75	23.66	24.5	0
15	QPSK	1	37	23.52	23.58	23.54		
15	QPSK	1	74	23.54	23.70	23.66		
15	QPSK	36	0	22.59	22.73	22.64	23.5	1
15	QPSK	36	20	22.62	22.58	22.69		
15	QPSK	36	39	22.57	22.56	22.59		
15	QPSK	75	0	22.50	22.76	22.69		
15	16QAM	1	0	22.64	22.75	22.73	23.5	1
15	16QAM	1	37	22.58	22.70	22.60		
15	16QAM	1	74	22.60	22.69	22.61		
15	16QAM	36	0	21.53	21.71	21.59	22.5	2
15	16QAM	36	20	21.51	21.54	21.68		
15	16QAM	36	39	21.50	21.69	21.70		
15	16QAM	75	0	21.55	21.62	21.57		
15	64QAM	1	0	21.64	21.76	21.68	22.5	2
15	64QAM	1	37	21.56	21.63	21.67		
15	64QAM	1	74	21.54	21.60	21.48		
15	64QAM	36	0	20.53	20.75	20.59	21.5	3
15	64QAM	36	20	20.49	20.60	20.52		
15	64QAM	36	39	20.53	20.54	20.48		
15	64QAM	75	0	20.55	20.56	20.62		
15	256QAM	1	0	18.49	18.71	18.63	19.5	5
15	256QAM	1	37	18.61	18.60	18.57		
15	256QAM	1	74	18.59	18.56	18.60		
15	256QAM	36	0	18.50	18.73	18.52	19.5	5
15	256QAM	36	20	18.57	18.63	18.59		
15	256QAM	36	39	18.47	18.72	18.53		
15	256QAM	75	0	18.49	18.62	18.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.62	23.67	23.63	24.5	0
10	QPSK	1	25	23.52	23.68	23.54		
10	QPSK	1	49	23.48	23.65	23.63		
10	QPSK	25	0	22.51	22.79	22.70	23.5	1
10	QPSK	25	12	22.64	22.63	22.72		
10	QPSK	25	25	22.51	22.65	22.62		
10	QPSK	50	0	22.49	22.73	22.59		
10	16QAM	1	0	22.62	22.73	22.76	23.5	1
10	16QAM	1	25	22.51	22.71	22.59		
10	16QAM	1	49	22.52	22.60	22.63		
10	16QAM	25	0	21.58	21.67	21.55	22.5	2
10	16QAM	25	12	21.48	21.59	21.57		
10	16QAM	25	25	21.53	21.65	21.63		
10	16QAM	50	0	21.55	21.60	21.56		
10	64QAM	1	0	21.74	21.69	21.66	22.5	2
10	64QAM	1	25	21.53	21.64	21.59		
10	64QAM	1	49	21.47	21.56	21.59		
10	64QAM	25	0	20.48	20.67	20.62	21.5	3
10	64QAM	25	12	20.56	20.59	20.58		
10	64QAM	25	25	20.61	20.58	20.51		
10	64QAM	50	0	20.49	20.59	20.56		
10	256QAM	1	0	18.53	18.68	18.69	19.5	5
10	256QAM	1	25	18.61	18.57	18.62		
10	256QAM	1	49	18.53	18.58	18.55		
10	256QAM	25	0	18.47	18.75	18.59	19.5	5
10	256QAM	25	12	18.63	18.65	18.61		
10	256QAM	25	25	18.47	18.64	18.59		
10	256QAM	50	0	18.58	18.69	18.59		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.66	23.69	23.61	24.5	0
5	QPSK	1	12	23.60	23.66	23.56		
5	QPSK	1	24	23.56	23.62	23.70		
5	QPSK	12	0	22.56	22.71	22.66	23.5	1
5	QPSK	12	7	22.54	22.65	22.71		
5	QPSK	12	13	22.52	22.62	22.59		
5	QPSK	25	0	22.57	22.69	22.60		
5	16QAM	1	0	22.65	22.74	22.72	23.5	1
5	16QAM	1	12	22.57	22.65	22.62		
5	16QAM	1	24	22.59	22.66	22.59		
5	16QAM	12	0	21.53	21.74	21.55	22.5	2
5	16QAM	12	7	21.47	21.62	21.66		
5	16QAM	12	13	21.57	21.70	21.66		
5	16QAM	25	0	21.48	21.61	21.59		
5	64QAM	1	0	21.68	21.75	21.61	22.5	2
5	64QAM	1	12	21.50	21.59	21.63		
5	64QAM	1	24	21.52	21.57	21.49		
5	64QAM	12	0	20.54	20.72	20.59	21.5	3
5	64QAM	12	7	20.53	20.53	20.58		
5	64QAM	12	13	20.61	20.55	20.56		
5	64QAM	25	0	20.54	20.54	20.63		
5	256QAM	1	0	18.52	18.66	18.66	19.5	5
5	256QAM	1	12	18.55	18.61	18.53		
5	256QAM	1	24	18.49	18.54	18.61		
5	256QAM	12	0	18.47	18.72	18.57	19.5	5
5	256QAM	12	7	18.57	18.58	18.56		
5	256QAM	12	13	18.54	18.65	18.58		
5	256QAM	25	0	18.58	18.64	18.55		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.65	23.73	23.89	23.85	23.83	24.5	0
20	QPSK	1	49	23.61	23.70	23.84	23.72	23.76		
20	QPSK	1	99	23.60	23.73	23.82	23.76	23.74		
20	QPSK	50	0	22.63	22.65	22.83	22.68	22.76	23.5	1
20	QPSK	50	24	22.50	22.63	22.73	22.74	22.62		
20	QPSK	50	50	22.48	22.66	22.69	22.66	22.65		
20	QPSK	100	0	22.54	22.62	22.79	22.66	22.74		
20	16QAM	1	0	22.61	22.77	22.86	22.78	22.82	23.5	1
20	16QAM	1	49	22.48	22.69	22.67	22.74	22.53		
20	16QAM	1	99	22.52	22.65	22.76	22.73	22.64		
20	16QAM	50	0	21.63	21.64	21.86	21.75	21.74	22.5	2
20	16QAM	50	24	21.59	21.73	21.75	21.68	21.65		
20	16QAM	50	50	21.58	21.71	21.82	21.78	21.75		
20	16QAM	100	0	21.57	21.70	21.73	21.77	21.68		
20	64QAM	1	0	21.58	21.68	21.74	21.77	21.69	22.5	2
20	64QAM	1	49	21.52	21.65	21.71	21.64	21.67		
20	64QAM	1	99	21.55	21.63	21.70	21.70	21.59		
20	64QAM	50	0	20.61	20.60	20.82	20.64	20.70	21.5	3
20	64QAM	50	24	20.56	20.68	20.79	20.69	20.76		
20	64QAM	50	50	20.61	20.59	20.75	20.67	20.61		
20	64QAM	100	0	20.51	20.60	20.74	20.65	20.62		
20	256QAM	1	0	18.56	18.72	18.78	18.71	18.71	19.5	5
20	256QAM	1	49	18.58	18.67	18.78	18.74	18.64		
20	256QAM	1	99	18.54	18.73	18.76	18.75	18.62		
20	256QAM	50	0	18.68	18.70	18.88	18.70	18.80	19.5	5
20	256QAM	50	24	18.52	18.72	18.75	18.75	18.70		
20	256QAM	50	50	18.61	18.70	18.85	18.71	18.77		
20	256QAM	100	0	18.60	18.67	18.82	18.73	18.71		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.61	23.63	23.83	23.76	23.72	24.50	0
15	QPSK	1	37	23.46	23.57	23.79	23.61	23.73		
15	QPSK	1	74	23.57	23.64	23.77	23.73	23.63		
15	QPSK	36	0	22.54	22.53	22.72	22.60	22.73	23.5	1
15	QPSK	36	20	22.35	22.58	22.63	22.68	22.54		
15	QPSK	36	39	22.42	22.57	22.65	22.60	22.56		
15	QPSK	75	0	22.41	22.55	22.69	22.62	22.71		
15	16QAM	1	0	22.49	22.73	22.73	22.65	22.73	23.5	1
15	16QAM	1	37	22.36	22.61	22.62	22.62	22.48		
15	16QAM	1	74	22.39	22.52	22.70	22.60	22.55		
15	16QAM	36	0	21.58	21.51	21.80	21.61	21.67	22.5	2
15	16QAM	36	20	21.52	21.66	21.61	21.55	21.51		
15	16QAM	36	39	21.48	21.63	21.74	21.67	21.70		
15	16QAM	75	0	21.54	21.58	21.68	21.68	21.54		
15	64QAM	1	0	21.51	21.65	21.70	21.70	21.54	22.5	2
15	64QAM	1	37	21.38	21.55	21.62	21.60	21.57		
15	64QAM	1	74	21.50	21.57	21.67	21.60	21.44		
15	64QAM	36	0	20.46	20.49	20.76	20.59	20.59	21.5	3
15	64QAM	36	20	20.44	20.56	20.68	20.57	20.64		
15	64QAM	36	39	20.47	20.55	20.70	20.52	20.46		
15	64QAM	75	0	20.41	20.46	20.70	20.55	20.50		
15	256QAM	1	0	18.45	18.61	18.65	18.57	18.62	19.5	5
15	256QAM	1	37	18.43	18.54	18.70	18.67	18.56		
15	256QAM	1	74	18.48	18.63	18.73	18.64	18.53		
15	256QAM	36	0	18.55	18.64	18.85	18.62	18.67	19.5	5
15	256QAM	36	20	18.42	18.57	18.63	18.61	18.57		
15	256QAM	36	39	18.54	18.57	18.78	18.57	18.65		
15	256QAM	75	0	18.50	18.63	18.75	18.66	18.60		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.59	23.62	23.77	23.80	23.71	24.50	0
10	QPSK	1	25	23.52	23.64	23.78	23.61	23.62		
10	QPSK	1	49	23.48	23.69	23.71	23.68	23.67		
10	QPSK	25	0	22.50	22.61	22.76	22.57	22.72	23.5	1
10	QPSK	25	12	22.46	22.59	22.66	22.59	22.56		
10	QPSK	25	25	22.39	22.51	22.56	22.53	22.53		
10	QPSK	50	0	22.44	22.50	22.70	22.59	22.63		
10	16QAM	1	0	22.50	22.66	22.79	22.65	22.77	23.5	1
10	16QAM	1	25	22.33	22.66	22.54	22.66	22.40		
10	16QAM	1	49	22.43	22.53	22.65	22.62	22.52		
10	16QAM	25	0	21.57	21.59	21.71	21.65	21.70	22.5	2
10	16QAM	25	12	21.51	21.69	21.64	21.62	21.61		
10	16QAM	25	25	21.52	21.66	21.74	21.66	21.61		
10	16QAM	50	0	21.44	21.66	21.69	21.62	21.65		
10	64QAM	1	0	21.54	21.60	21.71	21.71	21.59	22.5	2
10	64QAM	1	25	21.45	21.61	21.64	21.60	21.56		
10	64QAM	1	49	21.43	21.56	21.56	21.64	21.49		
10	64QAM	25	0	20.49	20.54	20.71	20.58	20.55	21.5	3
10	64QAM	25	12	20.44	20.54	20.73	20.62	20.63		
10	64QAM	25	25	20.52	20.53	20.69	20.55	20.55		
10	64QAM	50	0	20.46	20.48	20.63	20.52	20.50		
10	256QAM	1	0	18.41	18.66	18.66	18.61	18.63	19.5	5
10	256QAM	1	25	18.44	18.61	18.70	18.61	18.54		
10	256QAM	1	49	18.45	18.68	18.67	18.61	18.57		
10	256QAM	25	0	18.60	18.58	18.80	18.64	18.75	19.5	5
10	256QAM	25	12	18.47	18.66	18.61	18.68	18.64		
10	256QAM	25	25	18.51	18.64	18.79	18.65	18.63		
10	256QAM	50	0	18.52	18.52	18.74	18.60	18.62		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.60	23.64	23.83	23.73	23.73	24.50	0
5	QPSK	1	12	23.48	23.66	23.76	23.67	23.61		
5	QPSK	1	24	23.49	23.69	23.77	23.63	23.70		
5	QPSK	12	0	22.49	22.52	22.76	22.62	22.70	23.5	1
5	QPSK	12	7	22.42	22.54	22.69	22.66	22.56		
5	QPSK	12	13	22.40	22.54	22.65	22.54	22.61		
5	QPSK	25	0	22.39	22.50	22.73	22.58	22.68		
5	16QAM	1	0	22.54	22.74	22.71	22.71	22.75	23.5	1
5	16QAM	1	12	22.35	22.59	22.52	22.62	22.41		
5	16QAM	1	24	22.43	22.50	22.64	22.61	22.51		
5	16QAM	12	0	21.55	21.55	21.73	21.68	21.70	22.5	2
5	16QAM	12	7	21.51	21.65	21.65	21.63	21.60		
5	16QAM	12	13	21.46	21.62	21.76	21.64	21.62		
5	16QAM	25	0	21.47	21.59	21.63	21.68	21.60		
5	64QAM	1	0	21.47	21.62	21.70	21.63	21.63	22.5	2
5	64QAM	1	12	21.41	21.52	21.64	21.60	21.54		
5	64QAM	1	24	21.45	21.59	21.59	21.62	21.56		
5	64QAM	12	0	20.49	20.50	20.78	20.53	20.58	21.5	3
5	64QAM	12	7	20.47	20.63	20.69	20.64	20.70		
5	64QAM	12	13	20.48	20.51	20.61	20.58	20.46		
5	64QAM	25	0	20.42	20.52	20.66	20.52	20.47		
5	256QAM	1	0	18.42	18.67	18.73	18.60	18.64	19.5	5
5	256QAM	1	12	18.47	18.55	18.69	18.59	18.51		
5	256QAM	1	24	18.41	18.62	18.68	18.66	18.59		
5	256QAM	12	0	18.63	18.66	18.77	18.66	18.68	19.5	5
5	256QAM	12	7	18.44	18.64	18.61	18.61	18.63		
5	256QAM	12	13	18.47	18.65	18.81	18.59	18.70		
5	256QAM	25	0	18.54	18.60	18.70	18.61	18.62		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.25	24.46	24.32		
20	QPSK	1	49	24.30	24.37	24.28	25.7	0
20	QPSK	1	99	24.22	24.38	24.28		
20	QPSK	50	0	23.28	23.47	23.28		
20	QPSK	50	24	23.30	23.43	23.33	24.7	1
20	QPSK	50	50	23.25	23.42	23.39		
20	QPSK	100	0	23.18	23.39	23.26		
20	16QAM	1	0	23.42	23.54	23.53		
20	16QAM	1	49	23.29	23.44	23.40	24.7	1
20	16QAM	1	99	23.35	23.39	23.33		
20	16QAM	50	0	22.32	22.47	22.31		
20	16QAM	50	24	22.29	22.36	22.37	23.7	2
20	16QAM	50	50	22.28	22.40	22.38		
20	16QAM	100	0	22.30	22.42	22.27		
20	64QAM	1	0	22.45	22.51	22.48		
20	64QAM	1	49	22.33	22.43	22.36	23.7	2
20	64QAM	1	99	22.38	22.41	22.45		
20	64QAM	50	0	21.28	21.50	21.35		
20	64QAM	50	24	21.27	21.40	21.42	22.7	3
20	64QAM	50	50	21.30	21.35	21.40		
20	64QAM	100	0	21.27	21.38	21.41		
20	256QAM	1	0	19.29	19.49	19.40		
20	256QAM	1	49	19.27	19.47	19.36	20.7	5
20	256QAM	1	99	19.38	19.43	19.37		
20	256QAM	50	0	19.39	19.52	19.40		
20	256QAM	50	24	19.36	19.42	19.33	20.7	5
20	256QAM	50	50	19.31	19.42	19.34		
20	256QAM	100	0	19.34	19.42	19.40		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.12	24.35	24.18		
15	QPSK	1	37	24.25	24.32	24.23	25.7	0
15	QPSK	1	74	24.16	24.32	24.16		
15	QPSK	36	0	23.14	23.39	23.21		
15	QPSK	36	20	23.16	23.31	23.28	24.7	1
15	QPSK	36	39	23.20	23.30	23.27		
15	QPSK	75	0	23.06	23.27	23.22		
15	16QAM	1	0	23.39	23.47	23.47		
15	16QAM	1	37	23.17	23.39	23.29	24.7	1
15	16QAM	1	74	23.26	23.26	23.20		
15	16QAM	36	0	22.21	22.32	22.18		
15	16QAM	36	20	22.20	22.25	22.22	23.7	2
15	16QAM	36	39	22.13	22.26	22.30		
15	16QAM	75	0	22.22	22.28	22.12		
15	64QAM	1	0	22.33	22.45	22.39		
15	64QAM	1	37	22.25	22.33	22.28	23.7	2
15	64QAM	1	74	22.29	22.36	22.34		
15	64QAM	36	0	21.21	21.45	21.29		
15	64QAM	36	20	21.20	21.34	21.29	22.7	3
15	64QAM	36	39	21.24	21.23	21.25		
15	64QAM	75	0	21.18	21.26	21.26		
15	256QAM	1	0	19.18	19.36	19.35		
15	256QAM	1	37	19.20	19.38	19.31	20.7	5
15	256QAM	1	74	19.26	19.33	19.33		
15	256QAM	36	0	19.27	19.37	19.33		
15	256QAM	36	20	19.22	19.33	19.29	20.7	5
15	256QAM	36	39	19.19	19.36	19.23		
15	256QAM	75	0	19.27	19.30	19.31		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.17	24.34	24.20		
10	QPSK	1	25	24.22	24.22	24.15	25.7	0
10	QPSK	1	49	24.16	24.31	24.18		
10	QPSK	25	0	23.23	23.37	23.13		
10	QPSK	25	12	23.24	23.29	23.20	24.7	1
10	QPSK	25	25	23.20	23.27	23.26		
10	QPSK	50	0	23.11	23.27	23.14		
10	16QAM	1	0	23.38	23.47	23.50		
10	16QAM	1	25	23.17	23.31	23.31	24.7	1
10	16QAM	1	49	23.20	23.34	23.20		
10	16QAM	25	0	22.20	22.35	22.17		
10	16QAM	25	12	22.14	22.29	22.30	23.7	2
10	16QAM	25	25	22.19	22.31	22.30		
10	16QAM	50	0	22.24	22.38	22.15		
10	64QAM	1	0	22.34	22.37	22.40		
10	64QAM	1	25	22.25	22.38	22.27	23.7	2
10	64QAM	1	49	22.26	22.33	22.34		
10	64QAM	25	0	21.22	21.38	21.30		
10	64QAM	25	12	21.18	21.28	21.38	22.7	3
10	64QAM	25	25	21.23	21.31	21.34		
10	64QAM	50	0	21.23	21.26	21.35		
10	256QAM	1	0	19.14	19.38	19.28		
10	256QAM	1	25	19.14	19.35	19.23	20.7	5
10	256QAM	1	49	19.28	19.36	19.32		
10	256QAM	25	0	19.30	19.43	19.27		
10	256QAM	25	12	19.31	19.33	19.22	20.7	5
10	256QAM	25	25	19.17	19.33	19.26		
10	256QAM	50	0	19.30	19.36	19.28		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.17	24.41	24.17		
5	QPSK	1	12	24.20	24.28	24.21	25.7	0
5	QPSK	1	24	24.08	24.34	24.18		
5	QPSK	12	0	23.17	23.34	23.19		
5	QPSK	12	7	23.25	23.31	23.24	24.7	1
5	QPSK	12	13	23.21	23.34	23.26		
5	QPSK	25	0	23.14	23.28	23.18		
5	16QAM	1	0	23.34	23.45	23.44		
5	16QAM	1	12	23.22	23.34	23.29	24.7	1
5	16QAM	1	24	23.30	23.35	23.28		
5	16QAM	12	0	22.17	22.41	22.23		
5	16QAM	12	7	22.23	22.30	22.25	23.7	2
5	16QAM	12	13	22.20	22.35	22.30		
5	16QAM	25	0	22.19	22.34	22.18		
5	64QAM	1	0	22.39	22.38	22.39		
5	64QAM	1	12	22.25	22.40	22.26	23.7	2
5	64QAM	1	24	22.33	22.37	22.38		
5	64QAM	12	0	21.20	21.43	21.25		
5	64QAM	12	7	21.19	21.35	21.37	22.7	3
5	64QAM	12	13	21.24	21.25	21.26		
5	64QAM	25	0	21.23	21.34	21.33		
5	256QAM	1	0	19.24	19.37	19.28		
5	256QAM	1	12	19.16	19.38	19.25	20.7	5
5	256QAM	1	24	19.28	19.39	19.24		
5	256QAM	12	0	19.29	19.47	19.36		
5	256QAM	12	7	19.22	19.33	19.24	20.7	5
5	256QAM	12	13	19.27	19.31	19.31		
5	256QAM	25	0	19.22	19.36	19.27		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.97	25.11	24.87	25.7	0
20	QPSK	1	49	24.97	25.04	25.04		
20	QPSK	1	99	24.94	25.02	24.97		
20	QPSK	50	0	24.00	24.16	24.06	24.7	1
20	QPSK	50	24	23.98	24.08	23.99		
20	QPSK	50	50	24.03	24.05	24.03		
20	QPSK	100	0	23.93	24.10	23.99		
20	16QAM	1	0	24.21	24.24	24.22	24.7	1
20	16QAM	1	49	23.95	24.12	24.08		
20	16QAM	1	99	23.97	24.10	23.95		
20	16QAM	50	0	22.98	23.17	23.02	23.7	2
20	16QAM	50	24	23.01	23.05	23.12		
20	16QAM	50	50	23.03	23.11	23.07		
20	16QAM	100	0	22.99	23.07	23.03		
20	64QAM	1	0	23.21	23.26	23.23	23.7	2
20	64QAM	1	49	23.03	23.14	22.96		
20	64QAM	1	99	22.93	23.09	23.07		
20	64QAM	50	0	22.07	22.18	22.06	22.7	3
20	64QAM	50	24	21.97	22.03	22.10		
20	64QAM	50	50	21.96	22.10	22.05		
20	64QAM	100	0	22.03	22.15	22.10		
20	256QAM	1	0	19.95	20.08	20.04	20.7	5
20	256QAM	1	49	19.96	20.18	20.06		
20	256QAM	1	99	20.01	20.19	20.02		
20	256QAM	50	0	20.00	20.19	20.07	20.7	5
20	256QAM	50	24	19.98	20.15	20.03		
20	256QAM	50	50	20.08	20.06	20.00		
20	256QAM	100	0	20.04	20.17	20.07		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.89	25.07	24.81	25.7	0
15	QPSK	1	37	24.89	24.93	24.93		
15	QPSK	1	74	24.86	24.94	24.83		
15	QPSK	36	0	23.90	24.04	23.99	24.7	1
15	QPSK	36	20	23.88	24.06	23.85		
15	QPSK	36	39	23.91	24.01	23.93		
15	QPSK	75	0	23.80	24.00	23.87		
15	16QAM	1	0	24.13	24.13	24.13	24.7	1
15	16QAM	1	37	23.90	24.12	23.96		
15	16QAM	1	74	23.83	24.00	23.92		
15	16QAM	36	0	22.95	23.07	22.92	23.7	2
15	16QAM	36	20	22.88	22.98	23.08		
15	16QAM	36	39	23.03	23.04	22.97		
15	16QAM	75	0	22.95	22.95	22.91		
15	64QAM	1	0	23.20	23.12	23.10	23.7	2
15	64QAM	1	37	22.97	23.12	22.81		
15	64QAM	1	74	22.85	22.94	22.94		
15	64QAM	36	0	22.01	22.11	21.95	22.7	3
15	64QAM	36	20	21.95	21.95	22.00		
15	64QAM	36	39	21.88	21.97	21.92		
15	64QAM	75	0	21.95	22.03	22.00		
15	256QAM	1	0	19.94	20.07	19.97	20.7	5
15	256QAM	1	37	19.87	20.17	20.00		
15	256QAM	1	74	19.90	20.09	19.89		
15	256QAM	36	0	19.93	20.19	19.95	20.7	5
15	256QAM	36	20	19.88	20.03	19.97		
15	256QAM	36	39	19.99	20.03	19.98		
15	256QAM	75	0	19.99	20.02	19.96		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.92	25.02	24.80	25.7	0
10	QPSK	1	25	24.82	24.99	24.92		
10	QPSK	1	49	24.91	25.00	24.82		
10	QPSK	25	0	23.92	24.03	24.04	24.7	1
10	QPSK	25	12	23.98	24.06	23.97		
10	QPSK	25	25	23.97	23.94	24.01		
10	QPSK	50	0	23.79	23.96	23.97		
10	16QAM	1	0	24.11	24.22	24.13	24.7	1
10	16QAM	1	25	23.87	24.10	23.93		
10	16QAM	1	49	23.85	24.07	23.84		
10	16QAM	25	0	22.89	23.10	22.93	23.7	2
10	16QAM	25	12	22.97	22.97	23.01		
10	16QAM	25	25	22.99	23.05	22.93		
10	16QAM	50	0	22.93	23.05	23.00		
10	64QAM	1	0	23.14	23.16	23.17	23.7	2
10	64QAM	1	25	22.92	23.10	22.87		
10	64QAM	1	49	22.87	23.07	22.94		
10	64QAM	25	0	21.93	22.07	21.98	22.7	3
10	64QAM	25	12	21.89	22.02	22.03		
10	64QAM	25	25	21.91	22.01	21.99		
10	64QAM	50	0	21.91	22.02	21.98		
10	256QAM	1	0	19.87	19.94	19.99	20.7	5
10	256QAM	1	25	19.91	20.05	19.99		
10	256QAM	1	49	19.87	20.19	20.00		
10	256QAM	25	0	19.93	20.06	19.94	20.7	5
10	256QAM	25	12	19.83	20.12	19.89		
10	256QAM	25	25	19.94	19.92	19.89		
10	256QAM	50	0	20.00	20.10	20.05		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.83	25.06	24.83	25.7	0
5	QPSK	1	12	24.88	25.00	24.99		
5	QPSK	1	24	24.90	24.98	24.93		
5	QPSK	12	0	24.00	24.02	23.98	24.7	1
5	QPSK	12	7	23.94	23.94	23.98		
5	QPSK	12	13	24.00	24.04	23.92		
5	QPSK	25	0	23.88	23.98	23.94		
5	16QAM	1	0	24.14	24.09	24.20	24.7	1
5	16QAM	1	12	23.81	24.07	24.07		
5	16QAM	1	24	23.84	24.04	23.93		
5	16QAM	12	0	22.85	23.10	23.00	23.7	2
5	16QAM	12	7	22.94	22.99	22.97		
5	16QAM	12	13	22.92	23.07	22.98		
5	16QAM	25	0	22.98	22.96	22.93		
5	64QAM	1	0	23.06	23.22	23.19	23.7	2
5	64QAM	1	12	22.97	23.00	22.91		
5	64QAM	1	24	22.89	22.98	22.97		
5	64QAM	12	0	22.02	22.05	22.03	22.7	3
5	64QAM	12	7	21.88	21.92	21.97		
5	64QAM	12	13	21.92	22.09	22.04		
5	64QAM	25	0	22.00	22.10	22.03		
5	256QAM	1	0	19.90	19.94	19.90	20.7	5
5	256QAM	1	12	19.95	20.15	20.03		
5	256QAM	1	24	19.87	20.10	19.94		
5	256QAM	12	0	19.87	20.14	20.03	20.7	5
5	256QAM	12	7	19.89	20.09	19.93		
5	256QAM	12	13	19.93	20.03	19.85		
5	256QAM	25	0	19.97	20.10	20.02		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.69	24.83	24.80		
20	QPSK	1	49	24.68	24.69	24.77	25.7	0
20	QPSK	1	99	24.66	24.80	24.63		
20	QPSK	50	0	23.73	23.90	23.80		
20	QPSK	50	24	23.70	23.81	23.79	24.7	1
20	QPSK	50	50	23.74	23.87	23.85		
20	QPSK	100	0	23.72	23.86	23.68		
20	16QAM	1	0	23.84	23.95	23.90		
20	16QAM	1	49	23.76	23.81	23.80	24.7	1
20	16QAM	1	99	23.78	23.80	23.76		
20	16QAM	50	0	22.79	22.92	22.81		
20	16QAM	50	24	22.80	22.86	22.73	23.7	2
20	16QAM	50	50	22.68	22.79	22.85		
20	16QAM	100	0	22.78	22.88	22.82		
20	64QAM	1	0	22.91	22.93	23.00		
20	64QAM	1	49	22.69	22.86	22.80	23.7	2
20	64QAM	1	99	22.82	22.82	22.75		
20	64QAM	50	0	21.76	21.90	21.72		
20	64QAM	50	24	21.70	21.86	21.84	22.7	3
20	64QAM	50	50	21.80	21.90	21.72		
20	64QAM	100	0	21.76	21.86	21.79		
20	256QAM	1	0	19.72	19.88	19.80		
20	256QAM	1	49	19.70	19.79	19.70	20.7	5
20	256QAM	1	99	19.67	19.78	19.72		
20	256QAM	50	0	19.68	19.88	19.79		
20	256QAM	50	24	19.64	19.76	19.75	20.7	5
20	256QAM	50	50	19.69	19.85	19.81		
20	256QAM	100	0	19.73	19.82	19.78		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.55	24.79	24.71		
15	QPSK	1	37	24.56	24.68	24.74	25.7	0
15	QPSK	1	74	24.54	24.70	24.50		
15	QPSK	36	0	23.58	23.76	23.76		
15	QPSK	36	20	23.63	23.70	23.78	24.7	1
15	QPSK	36	39	23.59	23.73	23.76		
15	QPSK	75	0	23.61	23.74	23.58		
15	16QAM	1	0	23.75	23.83	23.89		
15	16QAM	1	37	23.67	23.71	23.68	24.7	1
15	16QAM	1	74	23.66	23.78	23.62		
15	16QAM	36	0	22.68	22.91	22.69		
15	16QAM	36	20	22.78	22.81	22.60	23.7	2
15	16QAM	36	39	22.60	22.69	22.82		
15	16QAM	75	0	22.73	22.85	22.74		
15	64QAM	1	0	22.80	22.89	22.97		
15	64QAM	1	37	22.64	22.75	22.77	23.7	2
15	64QAM	1	74	22.80	22.67	22.66		
15	64QAM	36	0	21.74	21.89	21.61		
15	64QAM	36	20	21.64	21.84	21.81	22.7	3
15	64QAM	36	39	21.68	21.76	21.61		
15	64QAM	75	0	21.74	21.84	21.74		
15	256QAM	1	0	19.64	19.76	19.77		
15	256QAM	1	37	19.69	19.65	19.56	20.7	5
15	256QAM	1	74	19.57	19.65	19.64		
15	256QAM	36	0	19.65	19.77	19.65		
15	256QAM	36	20	19.58	19.71	19.73	20.7	5
15	256QAM	36	39	19.66	19.71	19.77		
15	256QAM	75	0	19.60	19.67	19.71		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.64	24.76	24.67		
10	QPSK	1	25	24.67	24.56	24.71	25.7	0
10	QPSK	1	49	24.63	24.78	24.55		
10	QPSK	25	0	23.70	23.86	23.68		
10	QPSK	25	12	23.61	23.77	23.76	24.7	1
10	QPSK	25	25	23.71	23.83	23.77		
10	QPSK	50	0	23.67	23.77	23.64		
10	16QAM	1	0	23.80	23.88	23.78		
10	16QAM	1	25	23.69	23.76	23.76	24.7	1
10	16QAM	1	49	23.63	23.71	23.70		
10	16QAM	25	0	22.73	22.81	22.76		
10	16QAM	25	12	22.78	22.82	22.59	23.7	2
10	16QAM	25	25	22.56	22.67	22.80		
10	16QAM	50	0	22.64	22.79	22.72		
10	64QAM	1	0	22.91	22.87	22.95		
10	64QAM	1	25	22.60	22.82	22.75	23.7	2
10	64QAM	1	49	22.82	22.72	22.74		
10	64QAM	25	0	21.67	21.85	21.62		
10	64QAM	25	12	21.57	21.76	21.76	22.7	3
10	64QAM	25	25	21.69	21.89	21.72		
10	64QAM	50	0	21.73	21.78	21.79		
10	256QAM	1	0	19.62	19.86	19.68		
10	256QAM	1	25	19.65	19.69	19.68	20.7	5
10	256QAM	1	49	19.60	19.76	19.59		
10	256QAM	25	0	19.67	19.87	19.70		
10	256QAM	25	12	19.51	19.68	19.75	20.7	5
10	256QAM	25	25	19.58	19.71	19.81		
10	256QAM	50	0	19.63	19.76	19.70		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.66	24.78	24.74		
5	QPSK	1	12	24.56	24.63	24.76	25.7	0
5	QPSK	1	24	24.65	24.77	24.61		
5	QPSK	12	0	23.59	23.89	23.74		
5	QPSK	12	7	23.62	23.81	23.79	24.7	1
5	QPSK	12	13	23.66	23.84	23.72		
5	QPSK	25	0	23.69	23.84	23.54		
5	16QAM	1	0	23.80	23.83	23.87		
5	16QAM	1	12	23.70	23.79	23.73	24.7	1
5	16QAM	1	24	23.69	23.79	23.71		
5	16QAM	12	0	22.78	22.91	22.71		
5	16QAM	12	7	22.78	22.72	22.72	23.7	2
5	16QAM	12	13	22.55	22.66	22.75		
5	16QAM	25	0	22.65	22.80	22.74		
5	64QAM	1	0	22.85	22.90	22.86		
5	64QAM	1	12	22.68	22.79	22.80	23.7	2
5	64QAM	1	24	22.77	22.72	22.74		
5	64QAM	12	0	21.62	21.87	21.60		
5	64QAM	12	7	21.64	21.76	21.69	22.7	3
5	64QAM	12	13	21.71	21.81	21.72		
5	64QAM	25	0	21.65	21.72	21.68		
5	256QAM	1	0	19.64	19.73	19.76		
5	256QAM	1	12	19.56	19.76	19.59	20.7	5
5	256QAM	1	24	19.55	19.78	19.61		
5	256QAM	12	0	19.61	19.88	19.73		
5	256QAM	12	7	19.50	19.67	19.74	20.7	5
5	256QAM	12	13	19.67	19.79	19.69		
5	256QAM	25	0	19.64	19.78	19.72		

Reduced Power Mode for DSI 1

GSM850 Ant0 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	32.41	32.52	32.47	33.50	23.41	23.52	23.47	24.50
GPRS 1 Tx slot	32.33	32.49	32.44	33.50	23.33	23.49	23.44	24.50
GPRS 2 Tx slots	29.28	29.37	29.41	30.50	23.28	23.37	23.41	24.50
GPRS 3 Tx slots	27.47	27.51	27.58	28.50	23.21	23.25	23.32	24.24
GPRS 4 Tx slots	26.41	26.08	26.35	27.50	23.41	23.08	23.35	24.50
EDGE 1 Tx slot	26.25	26.09	26.30	27.50	17.25	17.09	17.30	18.50
EDGE 2 Tx slots	23.32	23.22	23.34	24.50	17.32	17.22	17.34	18.50
EDGE 3 Tx slots	21.62	21.56	21.45	22.50	17.36	17.30	17.19	18.24
EDGE 4 Tx slots	20.77	20.53	20.65	21.50	17.77	17.53	17.65	18.50

WCDMA V Ant0 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	24.76	24.86	24.75	25.50
3GPP Rel 99	RMC 12.2Kbps	24.90	24.93	24.88	25.50
3GPP Rel 6	HSDPA Subtest-1	23.69	24.01	23.90	24.50
3GPP Rel 6	HSDPA Subtest-2	23.81	23.93	23.86	24.50
3GPP Rel 6	HSDPA Subtest-3	23.20	23.50	23.34	24.00
3GPP Rel 6	HSDPA Subtest-4	23.29	23.50	23.33	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.76	23.98	23.92	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.81	23.92	23.76	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	23.22	23.43	23.37	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	23.30	23.45	23.41	24.00
3GPP Rel 6	HSUPA Subtest-1	23.76	23.89	23.90	24.50
3GPP Rel 6	HSUPA Subtest-2	21.72	21.91	21.88	22.50
3GPP Rel 6	HSUPA Subtest-3	22.73	23.01	22.83	23.50
3GPP Rel 6	HSUPA Subtest-4	21.73	21.93	21.88	22.50
3GPP Rel 6	HSUPA Subtest-5	23.76	23.89	23.68	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.20	21.34	21.25	22.00

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.82	23.00	22.97		
20	QPSK	1	49	22.87	22.96	22.82	24	0
20	QPSK	1	99	22.78	22.86	22.82		
20	QPSK	50	0	21.97	22.05	21.91		
20	QPSK	50	24	21.90	21.94	21.86	23	1
20	QPSK	50	50	21.79	21.90	21.83		
20	QPSK	100	0	21.92	21.97	21.92		
20	16QAM	1	0	21.88	22.02	21.93		
20	16QAM	1	49	21.90	21.93	21.80	23	1
20	16QAM	1	99	21.84	21.88	21.77		
20	16QAM	50	0	20.72	20.86	20.78		
20	16QAM	50	24	20.77	20.83	20.70	22	2
20	16QAM	50	50	20.87	20.91	20.86		
20	16QAM	100	0	20.84	20.94	20.85		
20	64QAM	1	0	20.91	20.98	20.89		
20	64QAM	1	49	20.86	20.90	20.86	22	2
20	64QAM	1	99	20.76	20.88	20.83		
20	64QAM	50	0	19.83	19.96	19.90		
20	64QAM	50	24	19.85	19.89	19.83	21	3
20	64QAM	50	50	19.71	19.85	19.79		
20	64QAM	100	0	19.88	19.91	19.80		
20	256QAM	1	0	17.81	17.94	17.88		
20	256QAM	1	49	17.86	17.89	17.84	19	5
20	256QAM	1	99	17.81	17.88	17.73		
20	256QAM	50	0	17.84	17.93	17.83		
20	256QAM	50	24	17.76	17.88	17.78	19	5
20	256QAM	50	50	17.81	17.90	17.82		
20	256QAM	100	0	17.78	17.92	17.73		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.83	22.98	22.78		
15	QPSK	1	37	22.74	22.84	22.71	24	0
15	QPSK	1	74	22.64	22.74	22.73		
15	QPSK	36	0	21.91	21.91	21.85		
15	QPSK	36	20	21.84	21.86	21.74	23	1
15	QPSK	36	39	21.69	21.75	21.77		
15	QPSK	75	0	21.81	21.92	21.81		
15	16QAM	1	0	21.74	21.87	21.82		
15	16QAM	1	37	21.81	21.88	21.67	23	1
15	16QAM	1	74	21.75	21.83	21.65		
15	16QAM	36	0	20.66	20.75	20.71		
15	16QAM	36	20	20.72	20.71	20.57	22	2
15	16QAM	36	39	20.72	20.82	20.77		
15	16QAM	75	0	20.73	20.67	20.77		
15	64QAM	1	0	20.77	20.84	20.77		
15	64QAM	1	37	20.61	20.76	20.79	22	2
15	64QAM	1	74	20.61	20.83	20.75		
15	64QAM	36	0	19.71	19.89	19.76		
15	64QAM	36	20	19.78	19.82	19.79	21	3
15	64QAM	36	39	19.59	19.75	19.66		
15	64QAM	75	0	19.82	19.82	19.74		
15	256QAM	1	0	17.71	17.88	17.78		
15	256QAM	1	37	17.71	17.78	17.72	19	5
15	256QAM	1	74	17.78	17.75	17.65		
15	256QAM	36	0	17.73	17.86	17.78		
15	256QAM	36	20	17.67	17.77	17.74	19	5
15	256QAM	36	39	17.75	17.75	17.70		
15	256QAM	75	0	17.66	17.85	17.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.83	22.89	22.77		
10	QPSK	1	25	22.79	22.88	22.72	24	0
10	QPSK	1	49	22.67	22.77	22.77		
10	QPSK	25	0	21.91	21.96	21.81		
10	QPSK	25	12	21.78	21.79	21.72	23	1
10	QPSK	25	25	21.71	21.77	21.73		
10	QPSK	50	0	21.87	21.86	21.88		
10	16QAM	1	0	21.84	21.89	21.85		
10	16QAM	1	25	21.80	21.81	21.74	23	1
10	16QAM	1	49	21.72	21.83	21.71		
10	16QAM	25	0	20.61	20.82	20.65		
10	16QAM	25	12	20.66	20.79	20.57	22	2
10	16QAM	25	25	20.74	20.79	20.72		
10	16QAM	50	0	20.75	20.82	20.80		
10	64QAM	1	0	20.87	20.83	20.85		
10	64QAM	1	25	20.83	20.82	20.79	22	2
10	64QAM	1	49	20.71	20.75	20.68		
10	64QAM	25	0	19.77	19.83	19.86		
10	64QAM	25	12	19.72	19.78	19.70	21	3
10	64QAM	25	25	19.61	19.79	19.75		
10	64QAM	50	0	19.78	19.87	19.70		
10	256QAM	1	0	17.75	17.81	17.79		
10	256QAM	1	25	17.78	17.75	17.74	19	5
10	256QAM	1	49	17.75	17.73	17.60		
10	256QAM	25	0	17.70	17.84	17.77		
10	256QAM	25	12	17.77	17.74	17.73	19	5
10	256QAM	25	25	17.72	17.83	17.68		
10	256QAM	50	0	17.69	17.86	17.68		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.81	22.92	22.80		
5	QPSK	1	12	22.74	22.89	22.77	24	0
5	QPSK	1	24	22.72	22.77	22.73		
5	QPSK	12	0	21.83	21.91	21.84		
5	QPSK	12	7	21.84	21.91	21.77	23	1
5	QPSK	12	13	21.69	21.87	21.71		
5	QPSK	25	0	21.78	21.94	21.78		
5	16QAM	1	0	21.81	21.92	21.82		
5	16QAM	1	12	21.88	21.85	21.65	23	1
5	16QAM	1	24	21.79	21.85	21.74		
5	16QAM	12	0	20.60	20.82	20.72		
5	16QAM	12	7	20.63	20.72	20.64	22	2
5	16QAM	12	13	20.79	20.73	20.77		
5	16QAM	25	0	20.75	20.87	20.82		
5	64QAM	1	0	20.81	20.89	20.76		
5	64QAM	1	12	20.73	20.83	20.74	22	2
5	64QAM	1	24	20.65	20.76	20.71		
5	64QAM	12	0	19.70	19.90	19.84		
5	64QAM	12	7	19.70	19.79	19.73	21	3
5	64QAM	12	13	19.66	19.79	19.68		
5	64QAM	25	0	19.79	19.86	19.74		
5	256QAM	1	0	17.66	17.88	17.81		
5	256QAM	1	12	17.83	17.79	17.80	19	5
5	256QAM	1	24	17.69	17.78	17.65		
5	256QAM	12	0	17.71	17.87	17.69		
5	256QAM	12	7	17.67	17.84	17.73	19	5
5	256QAM	12	13	17.69	17.76	17.71		
5	256QAM	25	0	17.68	17.82	17.68		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.79	22.91	22.76		
3	QPSK	1	8	22.80	22.85	22.72	24	0
3	QPSK	1	14	22.67	22.85	22.74		
3	QPSK	8	0	21.93	21.92	21.80		
3	QPSK	8	4	21.83	21.82	21.78	23	1
3	QPSK	8	7	21.67	21.87	21.80		
3	QPSK	15	0	21.86	21.94	21.84		
3	16QAM	1	0	21.77	21.98	21.81		
3	16QAM	1	8	21.80	21.87	21.67	23	1
3	16QAM	1	14	21.72	21.83	21.70		
3	16QAM	8	0	20.58	20.80	20.71		
3	16QAM	8	4	20.66	20.77	20.57	22	2
3	16QAM	8	7	20.76	20.85	20.71		
3	16QAM	15	0	20.78	20.86	20.75		
3	64QAM	1	0	20.79	20.92	20.81		
3	64QAM	1	8	20.74	20.79	20.81	22	2
3	64QAM	1	14	20.62	20.79	20.76		
3	64QAM	8	0	19.68	19.84	19.79		
3	64QAM	8	4	19.71	19.76	19.79	21	3
3	64QAM	8	7	19.67	19.74	19.76		
3	64QAM	15	0	19.77	19.82	19.70		
3	256QAM	1	0	17.71	17.85	17.82		
3	256QAM	1	8	17.79	17.83	17.75	19	5
3	256QAM	1	14	17.67	17.77	17.67		
3	256QAM	8	0	17.74	17.88	17.76		
3	256QAM	8	4	17.70	17.84	17.72	19	5
3	256QAM	8	7	17.67	17.87	17.68		
3	256QAM	15	0	17.65	17.83	17.69		
Channel				19967	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.86	22.91	22.73		
1.4	QPSK	1	3	22.76	22.92	22.77		
1.4	QPSK	1	5	22.65	22.82	22.67	24	0
1.4	QPSK	3	0	22.87	22.90	22.83		
1.4	QPSK	3	1	22.76	22.86	22.74		
1.4	QPSK	3	3	22.64	22.82	22.69		
1.4	QPSK	6	0	21.79	21.87	21.88	23	1
1.4	16QAM	1	0	21.77	21.96	21.79		
1.4	16QAM	1	3	21.85	21.87	21.68		
1.4	16QAM	1	5	21.71	21.76	21.67	23	1
1.4	16QAM	3	0	21.67	21.82	21.74		
1.4	16QAM	3	1	21.73	21.80	21.60		
1.4	16QAM	3	3	21.76	21.86	21.77		
1.4	16QAM	6	0	20.76	20.88	20.81	22	2
1.4	64QAM	1	0	20.77	20.85	20.74		
1.4	64QAM	1	3	20.83	20.84	20.82		
1.4	64QAM	1	5	20.67	20.83	20.71	22	2
1.4	64QAM	3	0	20.70	20.91	20.80		
1.4	64QAM	3	1	20.77	20.76	20.68		
1.4	64QAM	3	3	20.62	20.78	20.66		
1.4	64QAM	6	0	19.84	19.85	19.70	21	3
1.4	256QAM	1	0	17.69	17.81	17.79		
1.4	256QAM	1	3	17.75	17.82	17.79		
1.4	256QAM	1	5	17.66	17.82	17.58	19	5
1.4	256QAM	3	0	17.74	17.82	17.78		
1.4	256QAM	3	1	17.68	17.79	17.69		
1.4	256QAM	3	3	17.74	17.82	17.67		
1.4	256QAM	6	0	17.66	17.85	17.68	19	5

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	24.41	24.55	24.52		
10	QPSK	1	25	24.38	24.41	24.46	25.5	0
10	QPSK	1	49	24.40	24.42	24.40		
10	QPSK	25	0	23.30	23.53	23.44		
10	QPSK	25	12	23.41	23.43	23.41	24.5	1
10	QPSK	25	25	23.37	23.46	23.41		
10	QPSK	50	0	23.39	23.45	23.39		
10	16QAM	1	0	23.43	23.51	23.53		
10	16QAM	1	25	23.34	23.35	23.36	24.5	1
10	16QAM	1	49	23.30	23.40	23.32		
10	16QAM	25	0	22.29	22.51	22.44		
10	16QAM	25	12	22.31	22.38	22.37	23.5	2
10	16QAM	25	25	22.33	22.43	22.39		
10	16QAM	50	0	22.32	22.38	22.39		
10	64QAM	1	0	22.48	22.50	22.46		
10	64QAM	1	25	22.28	22.35	22.38	23.5	2
10	64QAM	1	49	22.27	22.37	22.36		
10	64QAM	25	0	21.29	21.47	21.34		
10	64QAM	25	12	21.26	21.38	21.39	22.5	3
10	64QAM	25	25	21.34	21.32	21.36		
10	64QAM	50	0	21.30	21.38	21.33		
10	256QAM	1	0	19.34	19.40	19.37		
10	256QAM	1	25	19.30	19.43	19.33	20.5	5
10	256QAM	1	49	19.30	19.44	19.31		
10	256QAM	25	0	19.29	19.48	19.30		
10	256QAM	25	12	19.26	19.40	19.36	20.5	5
10	256QAM	25	25	19.27	19.40	19.35		
10	256QAM	50	0	19.31	19.42	19.35		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.41	24.50	24.47		
5	QPSK	1	12	24.29	24.37	24.42	25.5	0
5	QPSK	1	24	24.25	24.34	24.33		
5	QPSK	12	0	23.15	23.41	23.41		
5	QPSK	12	7	23.37	23.33	23.30	24.5	1
5	QPSK	12	13	23.30	23.39	23.34		
5	QPSK	25	0	23.17	23.41	23.35		
5	16QAM	1	0	23.29	23.45	23.40		
5	16QAM	1	12	23.23	23.27	23.24	24.5	1
5	16QAM	1	24	23.26	23.26	23.21		
5	16QAM	12	0	22.20	22.41	22.30		
5	16QAM	12	7	22.25	22.27	22.31	23.5	2
5	16QAM	12	13	22.20	22.33	22.29		
5	16QAM	25	0	22.27	22.27	22.36		
5	64QAM	1	0	22.43	22.39	22.40		
5	64QAM	1	12	22.19	22.29	22.34	23.5	2
5	64QAM	1	24	22.16	22.25	22.31		
5	64QAM	12	0	21.16	21.34	21.25		
5	64QAM	12	7	21.12	21.32	21.26	22.5	3
5	64QAM	12	13	21.20	21.24	21.23		
5	64QAM	25	0	21.21	21.31	21.28		
5	256QAM	1	0	19.29	19.28	19.23		
5	256QAM	1	12	19.16	19.39	19.20	20.5	5
5	256QAM	1	24	19.25	19.33	19.20		
5	256QAM	12	0	19.19	19.39	19.15		
5	256QAM	12	7	19.13	19.28	19.29	20.5	5
5	256QAM	12	13	19.14	19.27	19.23		
5	256QAM	25	0	19.28	19.29	19.21		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.33	24.41	24.47		
3	QPSK	1	8	24.31	24.34	24.41	25.5	0
3	QPSK	1	14	24.31	24.35	24.31		
3	QPSK	8	0	23.15	23.48	23.39		
3	QPSK	8	4	23.36	23.33	23.37	24.5	1
3	QPSK	8	7	23.24	23.31	23.28		
3	QPSK	15	0	23.17	23.38	23.28		
3	16QAM	1	0	23.39	23.39	23.50		
3	16QAM	1	8	23.19	23.28	23.26	24.5	1
3	16QAM	1	14	23.19	23.25	23.25		
3	16QAM	8	0	22.22	22.36	22.30		
3	16QAM	8	4	22.17	22.24	22.30	23.5	2
3	16QAM	8	7	22.25	22.32	22.26		
3	16QAM	15	0	22.27	22.25	22.26		
3	64QAM	1	0	22.43	22.36	22.39		
3	64QAM	1	8	22.23	22.29	22.28	23.5	2
3	64QAM	1	14	22.20	22.24	22.24		
3	64QAM	8	0	21.19	21.37	21.27		
3	64QAM	8	4	21.13	21.25	21.36	22.5	3
3	64QAM	8	7	21.19	21.24	21.28		
3	64QAM	15	0	21.19	21.24	21.27		
3	256QAM	1	0	19.22	19.35	19.34		
3	256QAM	1	8	19.22	19.29	19.28	20.5	5
3	256QAM	1	14	19.22	19.30	19.18		
3	256QAM	8	0	19.24	19.43	19.23		
3	256QAM	8	4	19.21	19.32	19.23	20.5	5
3	256QAM	8	7	19.24	19.32	19.30		
3	256QAM	15	0	19.22	19.29	19.29		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.40	24.44	24.38		
1.4	QPSK	1	3	24.35	24.36	24.34		
1.4	QPSK	1	5	24.28	24.33	24.30	25.5	0
1.4	QPSK	3	0	24.24	24.41	24.40		
1.4	QPSK	3	1	24.34	24.36	24.33		
1.4	QPSK	3	3	24.24	24.37	24.37		
1.4	QPSK	6	0	23.20	23.37	23.32	24.5	1
1.4	16QAM	1	0	23.30	23.45	23.44		
1.4	16QAM	1	3	23.19	23.22	23.26		
1.4	16QAM	1	5	23.24	23.35	23.23	24.5	1
1.4	16QAM	3	0	23.20	23.47	23.40		
1.4	16QAM	3	1	23.16	23.23	23.32		
1.4	16QAM	3	3	23.23	23.34	23.25		
1.4	16QAM	6	0	22.28	22.31	22.36	23.5	2
1.4	64QAM	1	0	22.40	22.46	22.33		
1.4	64QAM	1	3	22.24	22.30	22.31		
1.4	64QAM	1	5	22.15	22.21	22.23	23.5	2
1.4	64QAM	3	0	22.24	22.41	22.30		
1.4	64QAM	3	1	22.20	22.29	22.29		
1.4	64QAM	3	3	22.24	22.28	22.29		
1.4	64QAM	6	0	21.22	21.34	21.19	22.5	3
1.4	256QAM	1	0	19.28	19.30	19.27		
1.4	256QAM	1	3	19.22	19.30	19.19		
1.4	256QAM	1	5	19.26	19.38	19.28	20.5	5
1.4	256QAM	3	0	19.19	19.42	19.19		
1.4	256QAM	3	1	19.18	19.26	19.32		
1.4	256QAM	3	3	19.19	19.25	19.27		
1.4	256QAM	6	0	19.25	19.36	19.29	20.5	5

Band 7 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.75	22.84	22.72		
20	QPSK	1	49	22.71	22.76	22.65	24	0
20	QPSK	1	99	22.60	22.74	22.61		
20	QPSK	50	0	21.64	21.78	21.67		
20	QPSK	50	24	21.61	21.70	21.63	23	1
20	QPSK	50	50	21.52	21.65	21.56		
20	QPSK	100	0	21.63	21.73	21.64		
20	16QAM	1	0	21.69	21.77	21.74		
20	16QAM	1	49	21.54	21.68	21.60	23	1
20	16QAM	1	99	21.50	21.64	21.53		
20	16QAM	50	0	20.67	20.72	20.68		
20	16QAM	50	24	20.59	20.67	20.54	22	2
20	16QAM	50	50	20.55	20.63	20.57		
20	16QAM	100	0	20.61	20.67	20.55		
20	64QAM	1	0	20.65	20.69	20.58		
20	64QAM	1	49	20.59	20.70	20.64	22	2
20	64QAM	1	99	20.56	20.69	20.60		
20	64QAM	50	0	19.72	19.78	19.72		
20	64QAM	50	24	19.53	19.65	19.61	21	3
20	64QAM	50	50	19.55	19.62	19.48		
20	64QAM	100	0	19.55	19.66	19.59		
20	256QAM	1	0	17.66	17.71	17.65		
20	256QAM	1	49	17.52	17.63	17.53	19	5
20	256QAM	1	99	17.54	17.66	17.53		
20	256QAM	50	0	17.60	17.74	17.64		
20	256QAM	50	24	17.53	17.65	17.51	19	5
20	256QAM	50	50	17.59	17.70	17.62		
20	256QAM	100	0	17.57	17.66	17.63		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.71	22.71	22.64		
15	QPSK	1	37	22.61	22.62	22.61	24	0
15	QPSK	1	74	22.52	22.64	22.47		
15	QPSK	36	0	21.51	21.73	21.52		
15	QPSK	36	20	21.52	21.64	21.58	23	1
15	QPSK	36	39	21.47	21.52	21.45		
15	QPSK	75	0	21.55	21.60	21.60		
15	16QAM	1	0	21.64	21.74	21.66		
15	16QAM	1	37	21.51	21.62	21.55	23	1
15	16QAM	1	74	21.35	21.53	21.41		
15	16QAM	36	0	20.59	20.65	20.57		
15	16QAM	36	20	20.47	20.57	20.42	22	2
15	16QAM	36	39	20.48	20.54	20.47		
15	16QAM	75	0	20.55	20.59	20.43		
15	64QAM	1	0	20.51	20.64	20.50		
15	64QAM	1	37	20.53	20.66	20.55	22	2
15	64QAM	1	74	20.48	20.58	20.53		
15	64QAM	36	0	19.60	19.70	19.64		
15	64QAM	36	20	19.45	19.55	19.56	21	3
15	64QAM	36	39	19.51	19.55	19.37		
15	64QAM	75	0	19.46	19.58	19.54		
15	256QAM	1	0	17.61	17.66	17.56		
15	256QAM	1	37	17.43	17.52	17.39	19	5
15	256QAM	1	74	17.42	17.61	17.45		
15	256QAM	36	0	17.49	17.61	17.54		
15	256QAM	36	20	17.44	17.56	17.44	19	5
15	256QAM	36	39	17.47	17.67	17.57		
15	256QAM	75	0	17.44	17.57	17.51		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.71	22.73	22.67		
10	QPSK	1	25	22.60	22.63	22.55	24	0
10	QPSK	1	49	22.52	22.63	22.57		
10	QPSK	25	0	21.52	21.70	21.57		
10	QPSK	25	12	21.48	21.58	21.54	23	1
10	QPSK	25	25	21.46	21.56	21.48		
10	QPSK	50	0	21.52	21.70	21.51		
10	16QAM	1	0	21.66	21.67	21.65		
10	16QAM	1	25	21.49	21.61	21.49	23	1
10	16QAM	1	49	21.45	21.53	21.44		
10	16QAM	25	0	20.60	20.62	20.53		
10	16QAM	25	12	20.55	20.53	20.45	22	2
10	16QAM	25	25	20.48	20.58

Band 13 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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.63			
10	QPSK	1	25		23.56		24.5	0
10	QPSK	1	49		23.54			
10	QPSK	25	0		22.67			
10	QPSK	25	12		22.60		23.5	1
10	QPSK	25	25		22.64			
10	QPSK	50	0		22.62			
10	16QAM	1	0		22.65			
10	16QAM	1	25		22.56		23.5	1
10	16QAM	1	49		22.52			
10	16QAM	25	0		21.64			
10	16QAM	25	12		21.50		22.5	2
10	16QAM	25	25		21.50			
10	16QAM	50	0		21.57			
10	64QAM	1	0		21.68			
10	64QAM	1	25		21.49		22.5	2
10	64QAM	1	49		21.44			
10	64QAM	25	0		20.60			
10	64QAM	25	12		20.49		21.5	3
10	64QAM	25	25		20.50			
10	64QAM	50	0		20.53			
10	256QAM	1	0		18.60			
10	256QAM	1	25		18.63		19.5	5
10	256QAM	1	49		18.58			
10	256QAM	25	0		18.68			
10	256QAM	25	12		18.60		19.5	5
10	256QAM	25	25		18.56			
10	256QAM	50	0		18.64			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.38	23.50	23.43	24.5	0
5	QPSK	1	12	23.35	23.49	23.45		
5	QPSK	1	24	23.34	23.47	23.39		
5	QPSK	12	0	22.49	22.58	22.51		
5	QPSK	12	7	22.35	22.46	22.32	23.5	1
5	QPSK	12	13	22.45	22.59	22.45		
5	QPSK	25	0	22.46	22.53	22.43		
5	16QAM	1	0	22.47	22.51	22.37		
5	16QAM	1	12	22.41	22.53	22.37	23.5	1
5	16QAM	1	24	22.33	22.38	22.33		
5	16QAM	12	0	21.53	21.57	21.40		
5	16QAM	12	7	21.31	21.39	21.36	22.5	2
5	16QAM	12	13	21.31	21.47	21.28		
5	16QAM	25	0	21.49	21.51	21.42		
5	64QAM	1	0	21.48	21.58	21.51		
5	64QAM	1	12	21.32	21.36	21.33	22.5	2
5	64QAM	1	24	21.33	21.34	21.17		
5	64QAM	12	0	20.38	20.53	20.45		
5	64QAM	12	7	20.26	20.41	20.28	21.5	3
5	64QAM	12	13	20.31	20.36	20.36		
5	64QAM	25	0	20.33	20.48	20.26		
5	256QAM	1	0	18.47	18.55	18.43		
5	256QAM	1	12	18.46	18.55	18.46	19.5	5
5	256QAM	1	24	18.38	18.53	18.45		
5	256QAM	12	0	18.51	18.53	18.45		
5	256QAM	12	7	18.46	18.53	18.37	19.5	5
5	256QAM	12	13	18.38	18.43	18.43		
5	256QAM	25	0	18.46	18.54	18.42		

Band 17 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.64	24.70	24.59	25.5	0
10	QPSK	1	25	24.47	24.64	24.59		
10	QPSK	1	49	24.56	24.56	24.58		
10	QPSK	25	0	23.50	23.66	23.58		
10	QPSK	25	12	23.52	23.61	23.49	24.5	1
10	QPSK	25	25	23.55	23.52	23.51		
10	QPSK	50	0	23.50	23.62	23.50		
10	16QAM	1	0	23.69	23.76	23.71		
10	16QAM	1	25	23.44	23.57	23.55	24.5	1
10	16QAM	1	49	23.50	23.51	23.47		
10	16QAM	25	0	22.52	22.70	22.57		
10	16QAM	25	12	22.59	22.58	22.61	23.5	2
10	16QAM	25	25	22.58	22.58	22.54		
10	16QAM	50	0	22.48	22.60	22.56		
10	64QAM	1	0	22.58	22.76	22.67		
10	64QAM	1	25	22.43	22.54	22.49	23.5	2
10	64QAM	1	49	22.40	22.50	22.41		
10	64QAM	25	0	21.51	21.64	21.48		
10	64QAM	25	12	21.48	21.51	21.51	22.5	3
10	64QAM	25	25	21.44	21.61	21.51		
10	64QAM	50	0	21.43	21.60	21.48		
10	256QAM	1	0	19.56	19.57	19.59		
10	256QAM	1	25	19.50	19.59	19.55	20.5	5
10	256QAM	1	49	19.52	19.60	19.53		
10	256QAM	25	0	19.52	19.68	19.58		
10	256QAM	25	12	19.56	19.53	19.57	20.5	5
10	256QAM	25	25	19.48	19.57	19.60		
10	256QAM	50	0	19.52	19.56	19.51		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.58	24.55	24.50	25.5	0
5	QPSK	1	12	24.41	24.59	24.51		
5	QPSK	1	24	24.47	24.49	24.54		
5	QPSK	12	0	23.45	23.55	23.49		
5	QPSK	12	7	23.46	23.57	23.40	24.5	1
5	QPSK	12	13	23.47	23.38	23.46		
5	QPSK	25	0	23.45	23.59	23.39		
5	16QAM	1	0	23.63	23.71	23.61		
5	16QAM	1	12	23.35	23.51	23.47	24.5	1
5	16QAM	1	24	23.41	23.42	23.37		
5	16QAM	12	0	22.43	22.66	22.51		
5	16QAM	12	7	22.51	22.50	22.57	23.5	2
5	16QAM	12	13	22.52	22.47	22.49		
5	16QAM	25	0	22.42	22.56	22.44		
5	64QAM	1	0	22.44	22.64	22.62		
5	64QAM	1	12	22.35	22.44	22.39	23.5	2
5	64QAM	1	24	22.37	22.42	22.36		
5	64QAM	12	0	21.43	21.49	21.43		
5	64QAM	12	7	21.44	21.46	21.42	22.5	3
5	64QAM	12	13	21.40	21.48	21.44		
5	64QAM	25	0	21.32	21.50	21.43		
5	256QAM	1	0	19.51	19.44	19.49		
5	256QAM	1	12	19.40	19.49	19.44	20.5	5
5	256QAM	1	24	19.44	19.45	19.44		
5	256QAM	12	0	19.41	19.54	19.49		
5	256QAM	12	7	19.51	19.40	19.43	20.5	5
5	256QAM	12	13	19.40	19.52	19.57		
5	256QAM	25	0	19.45	19.46	19.46		

Band 26 for FCC 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	24.35	24.58	24.41		
15	QPSK	1	37	24.42	24.48	24.40	25.5	0
15	QPSK	1	74	24.35	24.49	24.49		
15	QPSK	36	0	23.38	23.50	23.33		
15	QPSK	36	20	23.37	23.42	23.41	24.5	1
15	QPSK	36	39	23.29	23.46	23.36		
15	QPSK	75	0	23.26	23.47	23.37		
15	16QAM	1	0	23.34	23.52	23.39		
15	16QAM	1	37	23.26	23.27	23.23	24.5	1
15	16QAM	1	74	23.23	23.27	23.28		
15	16QAM	36	0	22.31	22.43	22.32		
15	16QAM	36	20	22.27	22.34	22.27	23.5	2
15	16QAM	36	39	22.24	22.37	22.31		
15	16QAM	75	0	22.28	22.35	22.33		
15	64QAM	1	0	22.42	22.53	22.49		
15	64QAM	1	37	22.26	22.36	22.35	23.5	2
15	64QAM	1	74	22.34	22.39	22.37		
15	64QAM	36	0	21.31	21.48	21.36		
15	64QAM	36	20	21.35	21.33	21.30	22.5	3
15	64QAM	36	39	21.31	21.43	21.38		
15	64QAM	75	0	21.31	21.44	21.34		
15	256QAM	1	0	19.24	19.35	19.34		
15	256QAM	1	37	19.29	19.38	19.27	20.5	5
15	256QAM	1	74	19.24	19.32	19.26		
15	256QAM	36	0	19.26	19.45	19.26		
15	256QAM	36	20	19.24	19.35	19.33	20.5	5
15	256QAM	36	39	19.27	19.36	19.36		
15	256QAM	75	0	19.29	19.34	19.37		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.23	24.47	24.33		
10	QPSK	1	25	24.24	24.39	24.26	25.5	0
10	QPSK	1	49	24.24	24.37	24.36		
10	QPSK	25	0	23.33	23.39	23.18		
10	QPSK	25	12	23.31	23.35	23.30	24.5	1
10	QPSK	25	25	23.23	23.27	23.27		
10	QPSK	50	0	23.23	23.33	23.33		
10	16QAM	1	0	23.27	23.47	23.36		
10	16QAM	1	25	23.14	23.13	23.12	24.5	1
10	16QAM	1	49	23.20	23.14	23.17		
10	16QAM	25	0	22.26	22.32	22.19		
10	16QAM	25	12	22.16	22.24	22.22	23.5	2
10	16QAM	25	25	22.15	22.26	22.21		
10	16QAM	50	0	22.18	22.24	22.22		
10	64QAM	1	0	22.34	22.50	22.34		
10	64QAM	1	25	22.11	22.25	22.20	23.5	2
10	64QAM	1	49	22.30	22.30	22.24		
10	64QAM	25	0	21.18	21.43	21.24		
10	64QAM	25	12	21.27	21.27	21.21	22.5	3
10	64QAM	25	25	21.27	21.37	21.25		
10	64QAM	50	0	21.17	21.36	21.20		
10	256QAM	1	0	19.17	19.22	19.29		
10	256QAM	1	25	19.25	19.24	19.21	20.5	5
10	256QAM	1	49	19.18	19.27	19.15		
10	256QAM	25	0	19.21	19.37	19.21		
10	256QAM	25	12	19.19	19.24	19.19	20.5	5
10	256QAM	25	25	19.15	19.24	19.31		
10	256QAM	50	0	19.20	19.22	19.30		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.29	24.49	24.32	25.5	0
5	QPSK	1	12	24.28	24.40	24.27		
5	QPSK	1	24	24.29	24.40	24.43		
5	QPSK	12	0	23.32	23.38	23.22		
5	QPSK	12	7	23.28	23.33	23.27	24.5	1
5	QPSK	12	13	23.23	23.30	23.30		
5	QPSK	25	0	23.13	23.33	23.31		
5	16QAM	1	0	23.27	23.44	23.24		
5	16QAM	1	12	23.11	23.19	23.11	24.5	1
5	16QAM	1	24	23.08	23.19	23.22		
5	16QAM	12	0	22.23	22.29	22.21		
5	16QAM	12	7	22.17	22.24	22.21	23.5	2
5	16QAM	12	13	22.14	22.24	22.28		
5	16QAM	25	0	22.25	22.23	22.22		
5	64QAM	1	0	22.36	22.39	22.35		
5	64QAM	1	12	22.12	22.25	22.30	23.5	2
5	64QAM	1	24	22.27	22.35	22.34		
5	64QAM	12	0	21.21	21.35	21.27		
5	64QAM	12	7	21.23	21.19	21.23	22.5	3
5	64QAM	12	13	21.17	21.39	21.33		
5	64QAM	25	0	21.26	21.32	21.28		
5	256QAM	1	0	19.13	19.27	19.24		
5	256QAM	1	12	19.16	19.25	19.23	20.5	5
5	256QAM	1	24	19.13	19.29	19.20		
5	256QAM	12	0	19.11	19.32	19.13		
5	256QAM	12	7	19.17	19.31	19.28	20.5	5
5	256QAM	12	13	19.12	19.34	19.28		
5	256QAM	25	0	19.19	19.30	19.30		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.24	24.49	24.38	25.5	0
3	QPSK	1	8	24.38	24.43	24.28		
3	QPSK	1	14	24.25	24.44	24.39		
3	QPSK	8	0	23.35	23.44	23.29		
3	QPSK	8	4	23.35	23.33	23.36	24.5	1
3	QPSK	8	7	23.20	23.34	23.25		
3	QPSK	15	0	23.12	23.39	23.28		
3	16QAM	1	0	23.20	23.46	23.31		
3	16QAM	1	8	23.23	23.18	23.20	24.5	1
3	16QAM	1	14	23.13	23.22	23.21		
3	16QAM	8	0	22.20	22.36	22.22		
3	16QAM	8	4	22.17	22.29	22.20	23.5	2
3	16QAM	8	7	22.21	22.33	22.16		
3	16QAM	15	0	22.19	22.28	22.20		
3	64QAM	1	0	22.33	22.43	22.39		
3	64QAM	1	8	22.18	22.25	22.29	23.5	2
3	64QAM	1	14	22.22	22.24	22.32		
3	64QAM	8	0	21.20	21.36	21.28		
3	64QAM	8	4	21.22	21.30	21.22	22.5	3
3	64QAM	8	7	21.21	21.34	21.24		
3	64QAM	15	0	21.25	21.30	21.24		
3	256QAM	1	0	19.13	19.29	19.23		
3	256QAM	1	8	19.22	19.26	19.20	20.5	5
3	256QAM	1	14	19.18	19.19	19.22		
3	256QAM	8	0	19.16	19.32	19.16		
3	256QAM	8	4	19.16	19.25	19.21	20.5	5
3	256QAM	8	7	19.21	19.26	19.31		
3	256QAM	15	0	19.22	19.29	19.24		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.28	24.46	24.34	25.5	0
1.4	QPSK	1	3	24.33	24.35	24.32		
1.4	QPSK	1	5	24.26	24.46	24.43		
1.4	QPSK	3	0	24.24	24.41	24.24		
1.4	QPSK	3	1	24.33	24.27	24.37		
1.4	QPSK	3	3	24.23	24.32	24.22		
1.4	QPSK	6	0	23.22	23.35	23.22	24.5	1
1.4	16QAM	1	0	23.23	23.48	23.26	24.5	1
1.4	16QAM	1	3	23.16	23.17	23.18		
1.4	16QAM	1	5	23.15	23.21	23.20		
1.4	16QAM	3	0	23.23	23.30	23.28		
1.4	16QAM	3	1	23.21	23.28	23.22		
1.4	16QAM	3	3	23.16	23.26	23.26		
1.4	16QAM	6	0	22.24	22.23	22.25	23.5	2
1.4	64QAM	1	0	22.27	22.47	22.37	23.5	2
1.4	64QAM	1	3	22.17	22.32	22.23		
1.4	64QAM	1	5	22.20	22.26	22.29		
1.4	64QAM	3	0	22.18	22.44	22.31		
1.4	64QAM	3	1	22.32	22.19	22.24		
1.4	64QAM	3	3	22.25	22.37	22.35		
1.4	64QAM	6	0	21.25	21.41	21.23	22.5	3
1.4	256QAM	1	0	19.20	19.31	19.24	20.5	5
1.4	256QAM	1	3	19.22	19.26	19.22		
1.4	256QAM	1	5	19.21	19.18	19.19		
1.4	256QAM	3	0	19.22	19.30	19.16		
1.4	256QAM	3	1	19.19	19.29	19.19		
1.4	256QAM	3	3	19.17	19.35	19.26		
1.4	256QAM	6	0	19.14	19.26	19.27	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.78	23.02	22.84		
20	QPSK	1	49	22.86	22.91	22.93	24	0
20	QPSK	1	99	22.84	22.96	22.94		
20	QPSK	50	0	21.75	21.95	21.80		
20	QPSK	50	24	21.81	21.85	21.80	23	1
20	QPSK	50	50	21.73	21.82	21.87		
20	QPSK	100	0	21.70	21.90	21.81		
20	16QAM	1	0	21.77	21.94	21.88		
20	16QAM	1	49	21.80	21.86	21.83	23	1
20	16QAM	1	99	21.82	21.92	21.83		
20	16QAM	50	0	20.74	20.93	20.78		
20	16QAM	50	24	20.71	20.78	20.85	22	2
20	16QAM	50	50	20.76	20.89	20.77		
20	16QAM	100	0	20.80	20.79	20.83		
20	64QAM	1	0	20.82	20.91	20.88		
20	64QAM	1	49	20.89	20.94	20.86	22	2
20	64QAM	1	99	20.81	20.92	20.94		
20	64QAM	50	0	19.85	19.98	19.82		
20	64QAM	50	24	19.86	19.94	19.85	21	3
20	64QAM	50	50	19.86	19.89	19.85		
20	64QAM	100	0	19.86	19.84	19.88		
20	256QAM	1	0	17.78	17.86	17.74		
20	256QAM	1	49	17.78	17.85	17.76	19	5
20	256QAM	1	99	17.69	17.81	17.78		
20	256QAM	50	0	17.70	17.90	17.81		
20	256QAM	50	24	17.70	17.79	17.82	19	5
20	256QAM	50	50	17.76	17.77	17.81		
20	256QAM	100	0	17.74	17.86	17.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.68	22.98	22.69		
15	QPSK	1	37	22.74	22.94	22.82	24	0
15	QPSK	1	74	22.75	22.85	22.80		
15	QPSK	36	0	21.64	21.89	21.72		
15	QPSK	36	20	21.67	21.70	21.72	23	1
15	QPSK	36	39	21.66	21.73	21.74		
15	QPSK	75	0	21.61	21.81	21.72		
15	16QAM	1	0	21.66	21.82	21.78		
15	16QAM	1	37	21.66	21.75	21.74	23	1
15	16QAM	1	74	21.74	21.86	21.74		
15	16QAM	36	0	20.66	20.80	20.71		
15	16QAM	36	20	20.58	20.74	20.74	22	2
15	16QAM	36	39	20.67	20.84	20.73		
15	16QAM	75	0	20.75	20.88	20.80		
15	64QAM	1	0	20.71	20.81	20.81		
15	64QAM	1	37	20.79	20.85	20.77	22	2
15	64QAM	1	74	20.72	20.83	20.90		
15	64QAM	36	0	19.77	19.94	19.73		
15	64QAM	36	20	19.74	19.89	19.81	21	3
15	64QAM	36	39	19.73	19.85	19.80		
15	64QAM	75	0	19.73	19.76	19.81		
15	256QAM	1	0	17.74	17.72	17.69		
15	256QAM	1	37	17.88	17.74	17.65	19	5
15	256QAM	1	74	17.55	17.67	17.65		
15	256QAM	36	0	17.60	17.76	17.78		
15	256QAM	36	20	17.57	17.74	17.76	19	5
15	256QAM	36	39	17.57	17.67	17.77		
15	256QAM	75	0	17.64	17.81	17.64		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.72	22.98	22.80	24	0
10	QPSK	1	25	22.74	22.86	22.81		
10	QPSK	1	49	22.73	22.90	22.88		
10	QPSK	25	0	21.72	21.87	21.77	23	1
10	QPSK	25	12	21.66	21.76	21.67		
10	QPSK	25	25	21.59	21.70	21.82		
10	QPSK	50	0	21.67	21.86	21.76		
10	16QAM	1	0	21.69	21.89	21.73		
10	16QAM	1	25	21.68	21.82	21.72	23	1
10	16QAM	1	49	21.77	21.88	21.72		
10	16QAM	25	0	20.60	20.81	20.75		
10	16QAM	25	12	20.65	20.68	20.74	22	2
10	16QAM	25	25	20.71	20.80	20.68		
10	16QAM	50	0	20.67	20.72	20.74		
10	64QAM	1	0	20.71	20.84	20.76		
10	64QAM	1	25	20.77	20.84	20.79	22	2
10	64QAM	1	49	20.67	20.85	20.89		
10	64QAM	25	0	19.77	19.91	19.70		
10	64QAM	25	12	19.82	19.77	19.76	21	3
10	64QAM	25	25	19.75	19.80	19.71		
10	64QAM	50	0	19.77	19.76	19.73		
10	256QAM	1	0	17.67	17.76	17.64		
10	256QAM	1	25	17.64	17.73	17.67	19	5
10	256QAM	1	49	17.63	17.75	17.65		
10	256QAM	25	0	17.66	17.75	17.75		
10	256QAM	25	12	17.61	17.76	17.73	19	5
10	256QAM	25	25	17.69	17.71	17.75		
10	256QAM	50	0	17.59	17.74	17.66		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.73	22.92	22.70	24	0
5	QPSK	1	12	22.75	22.83	22.82		
5	QPSK	1	24	22.70	22.93	22.86		
5	QPSK	12	0	21.71	21.91	21.75	23	1
5	QPSK	12	7	21.71	21.74	21.74		
5	QPSK	12	13	21.64	21.69	21.79		
5	QPSK	25	0	21.62	21.77	21.70		
5	16QAM	1	0	21.71	21.90	21.82		
5	16QAM	1	12	21.67	21.78	21.76	23	1
5	16QAM	1	24	21.72	21.77	21.71		
5	16QAM	12	0	20.66	20.80	20.69		
5	16QAM	12	7	20.61	20.71	20.79	22	2
5	16QAM	12	13	20.70	20.81	20.68		
5	16QAM	25	0	20.76	20.74	20.76		
5	64QAM	1	0	20.77	20.86	20.81		
5	64QAM	1	12	20.83	20.79	20.77	22	2
5	64QAM	1	24	20.76	20.80	20.88		
5	64QAM

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BW [MHz]	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	22.60	22.66	22.62	23.5	0
20	QPSK	1	49	22.54	22.62	22.51		
20	QPSK	1	99	22.53	22.53	22.61		
20	QPSK	50	0	21.40	21.56	21.39	22.5	1
20	QPSK	50	24	21.36	21.50	21.43		
20	QPSK	50	50	21.36	21.48	21.52		
20	QPSK	100	0	21.32	21.56	21.40		
20	16QAM	1	0	21.48	21.54	21.53	22.5	1
20	16QAM	1	49	21.40	21.46	21.36		
20	16QAM	1	99	21.29	21.44	21.47		
20	16QAM	50	0	20.32	20.48	20.38	21.5	2
20	16QAM	50	24	20.30	20.41	20.33		
20	16QAM	50	50	20.28	20.40	20.30		
20	16QAM	100	0	20.32	20.33	20.32		
20	64QAM	1	0	20.44	20.51	20.55	21.5	2
20	64QAM	1	49	20.43	20.54	20.37		
20	64QAM	1	99	20.44	20.45	20.50		
20	64QAM	50	0	19.36	19.51	19.40	20.5	3
20	64QAM	50	24	19.39	19.45	19.44		
20	64QAM	50	50	19.38	19.47	19.41		
20	64QAM	100	0	19.34	19.45	19.40		
20	256QAM	1	0	17.33	17.42	17.43	18.5	5
20	256QAM	1	49	17.38	17.44	17.44		
20	256QAM	1	99	17.42	17.51	17.35		
20	256QAM	50	0	17.32	17.54	17.48	18.5	5
20	256QAM	50	24	17.42	17.44	17.40		
20	256QAM	50	50	17.44	17.42	17.34		
20	256QAM	100	0	17.40	17.44	17.42		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.47	22.56	22.49	23.5	0
15	QPSK	1	37	22.51	22.56	22.42		
15	QPSK	1	74	22.46	22.41	22.55		
15	QPSK	36	0	21.30	21.49	21.32	22.5	1
15	QPSK	36	20	21.26	21.37	21.37		
15	QPSK	36	39	21.30	21.37	21.48		
15	QPSK	75	0	21.21	21.45	21.26		
15	16QAM	1	0	21.34	21.49	21.44	22.5	1
15	16QAM	1	37	21.28	21.32	21.25		
15	16QAM	1	74	21.20	21.36	21.37		
15	16QAM	36	0	20.19	20.34	20.34	21.5	2
15	16QAM	36	20	20.27	20.34	20.21		
15	16QAM	36	39	20.19	20.29	20.21		
15	16QAM	75	0	20.24	20.24	20.29		
15	64QAM	1	0	20.37	20.41	20.41	21.5	2
15	64QAM	1	37	20.35	20.44	20.33		
15	64QAM	1	74	20.29	20.39	20.39		
15	64QAM	36	0	19.21	19.45	19.34	20.5	3
15	64QAM	36	20	19.27	19.36	19.39		
15	64QAM	36	39	19.28	19.39	19.37		
15	64QAM	75	0	19.26	19.32	19.36		
15	256QAM	1	0	17.25	17.35	17.29	18.5	5
15	256QAM	1	37	17.28	17.38	17.34		
15	256QAM	1	74	17.29	17.41	17.21		
15	256QAM	36	0	17.28	17.48	17.40	18.5	5
15	256QAM	36	20	17.38	17.30	17.33		
15	256QAM	36	39	17.34	17.34	17.30		
15	256QAM	75	0	17.34	17.32	17.34		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.49	22.59	22.57	23.5	0
10	QPSK	1	25	22.50	22.55	22.38		
10	QPSK	1	49	22.50	22.40	22.56		
10	QPSK	25	0	21.34	21.41	21.33	22.5	1
10	QPSK	25	12	21.22	21.41	21.35		
10	QPSK	25	25	21.31	21.36	21.40		
10	QPSK	50	0	21.25	21.47	21.33		
10	16QAM	1	0	21.38	21.45	21.49	22.5	1
10	16QAM	1	25	21.25	21.36	21.26		
10	16QAM	1	49	21.20	21.38	21.44		
10	16QAM	25	0	20.24	20.42	20.23	21.5	2
10	16QAM	25	12	20.25	20.36	20.20		
10	16QAM	25	25	20.19	20.25	20.26		
10	16QAM	50	0	20.20	20.24	20.26		
10	64QAM	1	0	20.29	20.41	20.52	21.5	2
10	64QAM	1	25	20.35	20.41	20.33		
10	64QAM	1	49	20.39	20.36	20.40		
10	64QAM	25	0	19.22	19.45	19.33	20.5	3
10	64QAM	25	12	19.35	19.31	19.29		
10	64QAM	25	25	19.31	19.40	19.28		
10	64QAM	50	0	19.30	19.34	19.26		
10	256QAM	1	0	17.24	17.36	17.34	18.5	5
10	256QAM	1	25	17.31	17.38	17.31		
10	256QAM	1	49	17.29	17.46	17.29		
10	256QAM	25	0	17.20	17.40	17.42	18.5	5
10	256QAM	25	12	17.28	17.33	17.26		
10	256QAM	25	25	17.36	17.36	17.24		
10	256QAM	50	0	17.27	17.38	17.37		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.46	22.53	22.57	23.5	0
5	QPSK	1	12	22.42	22.55	22.45		
5	QPSK	1	24	22.43	22.45	22.46		
5	QPSK	12	0	21.31	21.52	21.30	22.5	1
5	QPSK	12	7	21.28	21.43	21.39		
5	QPSK	12	13	21.30	21.37	21.42		
5	QPSK	25	0	21.22	21.43	21.25		
5	16QAM	1	0	21.38	21.43	21.40	22.5	1
5	16QAM	1	12	21.30	21.34	21.37		
5	16QAM	1	24	21.15	21.36	21.43		
5	16QAM	12	0	20.21	20.42	20.30	21.5	2
5	16QAM	12	7	20.21	20.28	20.24		
5	16QAM	12	13	20.22	20.26	20.16		
5	16QAM	25	0	20.26	20.25	20.24		
5	64QAM	1	0	20.33	20.44	20.47	21.5	2
5	64QAM	1	12	20.38	20.43	20.31		
5	64QAM	1	24	20.30	20.33	20.44		
5	64QAM	12	0	19.29	19.40	19.32	20.5	3
5	64QAM	12	7	19.33	19.32	19.39		
5	64QAM	12	13	19.25	19.33	19.31		
5	64QAM	25	0	19.25	19.41	19.36		
5	256QAM	1	0	17.25	17.29	17.38	18.5	5
5	256QAM	1	12	17.28	17.40	17.40		
5	256QAM	1	24	17.27	17.40	17.22		
5	256QAM	12	0	17.25	17.47	17.44	18.5	5
5	256QAM	12	7	17.35	17.30	17.35		
5	256QAM	12	13	17.33	17.37	17.23		
5	256QAM	25	0	17.33	17.30	17.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.68	22.61	22.72	22.55	22.52	23.5	0
20	QPSK	1	49	22.61	22.58	22.64	22.57	22.46		
20	QPSK	1	99	22.51	22.56	22.59	22.65	22.49		
20	QPSK	50	0	21.54	21.46	21.65	21.57	21.55	22.5	1
20	QPSK	50	24	21.45	21.49	21.48	21.47	21.45		
20	QPSK	50	50	21.43	21.43	21.61	21.55	21.41		
20	QPSK	100	0	21.43	21.39	21.58	21.41	21.46		
20	16QAM	1	0	21.44	21.55	21.56	21.55	21.52	22.5	1
20	16QAM	1	49	21.42	21.28	21.45	21.43	21.32		
20	16QAM	1	99	21.29	21.30	21.34	21.43	21.34		
20	16QAM	50	0	20.50	20.38	20.54	20.40	20.46	21.5	2
20	16QAM	50	24	20.36	20.41	20.44	20.47	20.33		
20	16QAM	50	50	20.39	20.44	20.49	20.48	20.30		
20	16QAM	100	0	20.38	20.40	20.50	20.42	20.41		
20	64QAM	1	0	20.54	20.53	20.71	20.64	20.60	21.5	2
20	64QAM	1	49	20.31	20.39	20.44	20.39	20.38		
20	64QAM	1	99	20.39	20.32	20.49	20.37	20.33		
20	64QAM	50	0	19.47	19.48	19.58	19.43	19.47	20.5	3
20	64QAM	50	24	19.29	19.43	19.45	19.40	19.36		
20	64QAM	50	50	19.39	19.43	19.45	19.53	19.42		
20	64QAM	100	0	19.36	19.50	19.45	19.52	19.36		
20	256QAM	1	0	17.39	17.43	17.47	17.51	17.44	18.5	5
20	256QAM	1	49	17.36	17.49	17.45	17.46	17.39		
20	256QAM	1	99	17.50	17.43	17.55	17.49	17.43		
20	256QAM	50	0	17.51	17.44	17.63	17.51	17.52	18.5	5
20	256QAM	50	24	17.41	17.52	17.52	17.47	17.43		
20	256QAM	50	50	17.36	17.43	17.46	17.50	17.33		
20	256QAM	100	0	17.43	17.48	17.55	17.49	17.42		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.53	22.42	22.61	22.44	22.51	23.50	0
15	QPSK	1	37	22.46	22.48	22.51	22.43	22.43		
15	QPSK	1	74	22.40	22.47	22.49	22.55	22.37		
15	QPSK	36	0	21.41	21.32	21.55	21.44	21.40	22.5	1
15	QPSK	36	20	21.31	21.37	21.36	21.35	21.33		
15	QPSK	36	39	21.29	21.32	21.48	21.42	21.30		
15	QPSK	75	0	21.34	21.25	21.47	21.32	21.32		
15	16QAM	1	0	21.34	21.41	21.47	21.43	21.37	22.5	1
15	16QAM	1	37	21.31	21.15	21.32	21.30	21.19		
15	16QAM	1	74	21.17	21.17	21.20	21.32	21.23		
15	16QAM	36	0	20.39	20.25	20.43	20.30	20.32	21.5	2
15	16QAM	36	20	20.23	20.29	20.30	20.35	20.20		
15	16QAM	36	39	20.29	20.33	20.35	20.35	20.18		
15	16QAM	75	0	20.26	20.29	20.39	20.32	20.27		
15	64QAM	1	0	20.39	20.42	20.57	20.50	20.48	21.5	2
15	64QAM	1	37	20.18	20.29	20.30	20.29	20.26		
15	64QAM	1	74	20.29	20.22	20.37	20.27	20.18		
15	64QAM	36	0	19.37	19.36	19.45	19.30	19.37	20.5	3
15	64QAM	36	20	19.17	19.29	19.32	19.26	19.24		
15	64QAM	36	39	19.25	19.34	19.30	19.43	19.29		
15	64QAM	75	0	19.25	19.41	19.34	19.39	19.25		
15	256QAM	1	0	17.28	17.33	17.37	17.36	17.31	18.5	5
15	256QAM	1	37	17.26	17.39	17.33	17.33	17.29		
15	256QAM	1	74	17.35	17.30	17.44	17.39	17.31		
15	256QAM	36	0	17.37	17.33	17.48	17.36	17.41	18.5	5
15	256QAM	36	20	17.29	17.40	17.40	17.37	17.31		
15	256QAM	36	39	17.24	17.32	17.33	17.40	17.24		
15	256QAM	75	0	17.33	17.38	17.45	17.37	17.30		
Channel				39700	40100	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.55	22.42	22.63	22.41	22.52	23.50	0
10	QPSK	1	25	22.49	22.43	22.55	22.43	22.42		
10	QPSK	1	49	22.42	22.41	22.48	22.51	22.37		
10	QPSK	25	0	21.40	21.32	21.55	21.44	21.40	22.5	1
10	QPSK	25	12	21.35	21.35	21.33	21.37	21.30		
10	QPSK	25	25	21.31	21.32	21.51	21.45	21.34		
10	QPSK	50	0	21.30	21.25	21.45	21.28	21.36		
10	16QAM	1	0	21.34	21.44	21.46	21.40	21.43	22.5	1
10	16QAM	1	25	21.29	21.16	21.32	21.33	21.20		
10	16QAM	1	49	21.19	21.18	21.20	21.32	21.21		
10	16QAM	25	0	20.36	20.24	20.45	20.27	20.34	21.5	2
10	16QAM	25	12	20.25	20.29	20.33	20.37	20.24		
10	16QAM	25	25	20.26	20.30	20.38	20.36	20.19		
10	16QAM	50	0	20.24	20.26	20.39	20.31	20.30		
10	64QAM	1	0	20.44	20.41	20.60	20.52	20.50	21.5	2
10	64QAM	1	25	20.21	20.29	20.33	20.25	20.26		
10	64QAM	1	49	20.28	20.21	20.34	20.23	20.23		
10	64QAM	25	0	19.33	19.38	19.49	19.29	19.36	20.5	3
10	64QAM	25	12	19.19	19.34	19.33	19.30	19.26		
10	64QAM	25	25	19.29	19.29	19.34	19.38	19.28		
10	64QAM	50	0	19.25	19.40	19.32	19.39	19.24		
10	256QAM	1	0	17.29	17.30	17.34	17.42	17.35	18.5	5
10	256QAM	1	25	17.24	17.35	17.36	17.36	17.25		
10	256QAM	1	49	17.35	17.33	17.44	17.36	17.30		
10	256QAM	25	0	17.41	17.31	17.49	17.38	17.41	18.5	5
10	256QAM	25	12	17.30	17.42	17.40	17.34	17.32		
10	256QAM	25	25	17.24	17.32	17.36	17.38	17.19		
10	256QAM	50	0	17.29	17.39	17.45	17.35	17.29		
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	22.59	22.39	22.61	22.46	22.54	23.50	0
5	QPSK	1	12	22.48	22.49	22.52	22.43	22.44		
5	QPSK	1	24	22.37	22.42	22.44	22.53	22.35		
5	QPSK	12	0	21.40	21.31	21.53	21.44	21.45	22.5	1
5	QPSK	12	7	21.36	21.36	21.33	21.32	21.33		
5	QPSK	12	13	21.29	21.30	21.47	21.44	21.35		
5	QPSK	25	0	21.32	21.25	21.47	21.28	21.35		
5	16QAM	1	0	21.32	21.45	21.47	21.41	21.42	22.5	1
5	16QAM	1	12	21.29	21.13	21.35	21.32	21.22		
5	16QAM	1	24	21.14	21.17	21.20	21.31	21.19		
5	16QAM	12	0	20.36	20.28	20.41	20.27	20.37	21.5	2
5	16QAM	12	7	20.26	20.26	20.31	20.36	20.20		
5	16QAM	12	13	20.24	20.31	20.37	20.39	20.20		
5	16QAM	25	0	20.27	20.29	20.37	20.31	20.26		
5	64QAM	1	0	20.43	20.42	20.56	20.50	20.48	21.5	2
5	64QAM	1	12	20.17	20.29	20.34	20.24	20.27		
5	64QAM	1	24	20.26	20.19	20.40	20.23	20.18		
5	64QAM	12	0	19.35	19.34	19.46	19.29	19.36	20.5	3
5	64QAM	12	7	19.17	19.31	19.35	19.26	19.24		
5	64QAM	12	13	19.29	19.33	19.35	19.41	19.27		
5	64QAM	25	0	19.23	19.36	19.31	19.37	19.22		
5	256QAM	1	0	17.26	17.32	17.36	17.39	17.29	18.5	5
5	256QAM	1	12	17.26	17.36	17.32	17.35	17.28		
5	256QAM	1	24	17.37	17.28	17.43	17.36	17.33		
5	256QAM	12	0	17.40	17.34	17.51	17.41	17.38	18.5	5
5	256QAM	12	7	17.27	17.38	17.38	17.33	17.33		
5	256QAM	12	13	17.24	17.28	17.34	17.36	17.19		
5	256QAM	25	0	17.30	17.35	17.42	17.37	17.31		

Band 42 FCC Part27Q 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.85	23.03	22.98	24	0
20	QPSK	1	49	22.86	22.99	22.89		
20	QPSK	1	99	22.85	22.96	22.86		
20	QPSK	50	0	21.96	22.09	22.01	23	1
20	QPSK	50	24	21.98	22.01	21.96		
20	QPSK	50	50	21.86	21.98	21.86		
20	QPSK	100	0	21.84	21.97	21.90		
20	16QAM	1	0	21.95	22.01	21.87	23	1
20	16QAM	1	49	21.74	21.89	21.77		
20	16QAM	1	99	21.89	21.94	21.89		
20	16QAM	50	0	21.03	21.08	20.97	22	2
20	16QAM	50	24	20.86	20.91	20.87		
20	16QAM	50	50	20.91	20.99	20.91		
20	16QAM	100	0	20.90	21.00	20.95		
20	64QAM	1	0	21.06	21.10	21.06	22	2
20	64QAM	1	49	20.84	20.96	20.90		
20	64QAM	1	99	20.91	21.01	20.97		
20	64QAM	50	0	19.93	20.06	19.93	21	3
20	64QAM	50	24	19.92	20.02	19.96		
20	64QAM	50	50	19.80	19.95	19.89		
20	64QAM	100	0	19.99	20.03	19.93		
20	256QAM	1	0	17.89	17.98	17.84	19	5
20	256QAM	1	49	17.80	17.86	17.83		
20	256QAM	1	99	17.84	17.91	17.77		
20	256QAM	50	0	17.95	18.04	17.89	19	5
20	256QAM	50	24	17.88	17.93	17.88		
20	256QAM	50	50	17.73	17.87	17.82		
20	256QAM	100	0	17.86	17.98	17.91		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.76	22.97	22.94	24	0
15	QPSK	1	37	22.82	22.91	22.85		
15	QPSK	1	74	22.73	22.90	22.81		
15	QPSK	36	0	21.92	22.06	21.96	23	1
15	QPSK	36	20	21.85	21.92	21.82		
15	QPSK	36	39	21.73	21.90	21.75		
15	QPSK	75	0	21.72	21.84	21.80		
15	16QAM	1	0	21.85	21.96	21.80	23	1
15	16QAM	1	37	21.59	21.75	21.70		
15	16QAM	1	74	21.76	21.85	21.81		
15	16QAM	36	0	20.99	20.96	20.83	22	2
15	16QAM	36	20	20.74	20.88	20.74		
15	16QAM	36	39	20.86	20.89	20.86		
15	16QAM	75	0	20.78	20.87	20.87		
15	64QAM	1	0	20.96	21.02	20.92	22	2
15	64QAM	1	37	20.75	20.85	20.80		
15	64QAM	1	74	20.85	20.90	20.92		
15	64QAM	36	0	19.82	19.96	19.87	21	3
15	64QAM	36	20	19.79	19.94	19.90		
15	64QAM	36	39	19.75	19.85	19.76		
15	64QAM	75	0	19.84	19.90	19.81		
15	256QAM	1	0	17.77	17.87	17.73	19	5
15	256QAM	1	37	17.66	17.79	17.72		
15	256QAM	1	74	17.73	17.84	17.68		
15	256QAM	36	0	17.91	17.93	17.85	19	5
15	256QAM	36	20	17.81	17.90	17.75		
15	256QAM	36	39	17.67	17.74	17.78		
15	256QAM	75	0	17.71	17.93	17.86		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.70	22.99	22.90	24	0
10	QPSK	1	25	22.75	22.89	22.86		
10	QPSK	1	49	22.81	22.85	22.74		
10	QPSK	25	0	21.86	22.04	21.92	23	1
10	QPSK	25	12	21.86	21.88	21.87		
10	QPSK	25	25	21.80	21.88	21.75		
10	QPSK	50	0	21.70	21.88	21.83		
10	16QAM	1	0	21.90	21.88	21.73	23	1
10	16QAM	1	25	21.61	21.80	21.73		
10	16QAM	1	49	21.78	21.90	21.76		
10	16QAM	25	0	20.95	21.00	20.91	22	2
10	16QAM	25	12	20.82	20.80	20.72		
10	16QAM	25	25	20.79	20.94	20.76		
10	16QAM	50	0	20.76	20.96	20.85		
10	64QAM	1	0	21.00	20.96	21.02	22	2
10	64QAM	1	25	20.74	20.83	20.80		
10	64QAM	1	49	20.81	20.91	20.84		
10	64QAM	25	0	19.81	19.94	19.88	21	3
10	64QAM	25	12	19.85	19.96	19.89		
10	64QAM	25	25	19.70	19.82	19.75		
10	64QAM	50	0	19.88	19.94	19.81		
10	256QAM	1	0	17.79	17.85	17.76	19	5
10	256QAM	1	25	17.75	17.76	17.77		
10	256QAM	1	49	17.77	17.78	17.66		
10	256QAM	25	0	17.83	17.91	17.85	19	5
10	256QAM	25	12	17.74	17.88	17.80		
10	256QAM	25	25	17.66	17.73	17.73		
10	256QAM	50	0	17.82	17.86	17.88		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.81	22.93	22.87	24	0
5	QPSK	1	12	22.78	22.85	22.86		
5	QPSK	1	24	22.78	22.86	22.71		
5	QPSK	12	0	21.93	21.98	21.95	23	1
5	QPSK	12	7	21.87	21.88	21.86		
5	QPSK	12	13	21.74	21.90	21.76		
5	QPSK	25	0	21.74	21.85	21.76		
5	16QAM	1	0	21.86	21.91	21.74	23	1
5	16QAM	1	12

GSM850 Ant1 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	32.25	32.19	32.18	32.50	23.25	23.19	23.18	23.50
GPRS 1 Tx slot	32.22	32.16	32.06	32.50	23.22	23.16	23.06	23.50
GPRS 2 Tx slots	29.13	29.11	28.97	29.50	23.13	23.11	22.97	23.50
GPRS 3 Tx slots	27.15	27.23	26.93	27.50	22.89	22.97	22.67	23.24
GPRS 4 Tx slots	25.98	26.24	26.12	26.50	22.98	23.24	23.12	23.50
EDGE 1 Tx slot	25.91	26.04	25.92	26.50	16.91	17.04	16.92	17.50
EDGE 2 Tx slots	22.85	23.11	22.86	23.50	16.85	17.11	16.86	17.50
EDGE 3 Tx slots	21.21	21.25	21.08	21.50	16.95	16.99	16.82	17.24
EDGE 4 Tx slots	20.32	20.37	20.10	20.50	17.32	17.37	17.10	17.50

WCDMA V Ant1 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	24.29	24.34	24.25	25.00
3GPP Rel 99	RMC 12.2Kbps	24.41	24.43	24.32	25.00
3GPP Rel 6	HSDPA Subtest-1	23.31	23.52	23.24	24.00
3GPP Rel 6	HSDPA Subtest-2	23.19	23.40	23.31	24.00
3GPP Rel 6	HSDPA Subtest-3	22.85	22.95	22.70	23.50
3GPP Rel 6	HSDPA Subtest-4	22.92	22.73	22.91	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.36	23.48	23.19	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.22	23.40	23.44	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.73	22.86	22.76	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.98	22.87	22.79	23.50
3GPP Rel 6	HSUPA Subtest-1	23.42	23.46	23.22	24.00
3GPP Rel 6	HSUPA Subtest-2	21.23	21.36	21.34	22.00
3GPP Rel 6	HSUPA Subtest-3	22.25	22.43	22.41	23.00
3GPP Rel 6	HSUPA Subtest-4	21.39	21.44	21.27	22.00
3GPP Rel 6	HSUPA Subtest-5	23.15	23.49	23.25	24.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.75	20.79	20.65	21.50

Band 5 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.13	24.21	24.06		
10	QPSK	1	25	24.10	24.08	24.07	25	0
10	QPSK	1	49	23.98	24.09	24.12		
10	QPSK	25	0	23.06	23.18	23.03		
10	QPSK	25	12	22.98	23.05	23.11	24	1
10	QPSK	25	25	23.05	23.12	23.09		
10	QPSK	50	0	22.95	23.12	22.94		
10	16QAM	1	0	23.09	23.25	23.18		
10	16QAM	1	25	23.12	23.23	23.09	24	1
10	16QAM	1	49	23.13	23.13	23.10		
10	16QAM	25	0	22.09	22.20	22.11		
10	16QAM	25	12	22.07	22.13	22.11	23	2
10	16QAM	25	25	22.02	22.16	22.08		
10	16QAM	50	0	22.02	22.17	22.09		
10	64QAM	1	0	22.15	22.21	22.24		
10	64QAM	1	25	22.14	22.16	22.16	23	2
10	64QAM	1	49	22.08	22.18	22.17		
10	64QAM	25	0	21.02	21.23	21.06		
10	64QAM	25	12	21.10	21.09	21.09	22	3
10	64QAM	25	25	21.09	21.10	21.05		
10	64QAM	50	0	21.08	21.10	21.13		
10	256QAM	1	0	19.04	19.09	19.00		
10	256QAM	1	25	19.06	19.08	19.00	20	5
10	256QAM	1	49	18.97	19.07	18.98		
10	256QAM	25	0	18.98	19.17	19.03		
10	256QAM	25	12	19.04	19.08	19.08	20	5
10	256QAM	25	25	18.96	19.13	19.03		
10	256QAM	50	0	18.95	19.11	19.06		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.09	24.11	24.01		
5	QPSK	1	12	23.97	24.01	23.92	25	0
5	QPSK	1	24	23.87	24.04	24.08		
5	QPSK	12	0	22.97	23.07	22.97		
5	QPSK	12	7	22.90	22.96	22.97	24	1
5	QPSK	12	13	23.00	23.07	23.03		
5	QPSK	25	0	22.85	23.03	22.89		
5	16QAM	1	0	23.04	23.16	23.10		
5	16QAM	1	12	22.97	23.18	23.05	24	1
5	16QAM	1	24	23.00	23.00	23.07		
5	16QAM	12	0	21.98	22.14	21.96		
5	16QAM	12	7	21.93	22.06	22.07	23	2
5	16QAM	12	13	21.87	22.10	21.95		
5	16QAM	25	0	21.89	22.04	21.95		
5	64QAM	1	0	22.09	22.15	22.13		
5	64QAM	1	12	22.05	22.08	22.10	23	2
5	64QAM	1	24	22.03	22.07	22.11		
5	64QAM	12	0	20.92	21.18	20.97		
5	64QAM	12	7	21.02	21.00	21.05	22	3
5	64QAM	12	13	21.06	21.04	20.95		
5	64QAM	25	0	21.01	21.06	20.99		
5	256QAM	1	0	18.96	18.97	18.91		
5	256QAM	1	12	19.01	18.97	18.88	20	5
5	256QAM	1	24	18.91	18.92	18.95		
5	256QAM	12	0	18.83	19.08	18.89		
5	256QAM	12	7	18.91	19.04	18.97	20	5
5	256QAM	12	13	18.85	19.08	18.88		
5	256QAM	25	0	18.86	19.02	18.97		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.05	24.13	23.98		
3	QPSK	1	8	23.97	24.01	23.94	25	0
3	QPSK	1	14	23.90	23.95	24.04		
3	QPSK	8	0	22.98	23.04	22.97		
3	QPSK	8	4	22.83	22.90	22.98	24	1
3	QPSK	8	7	22.97	22.99	23.04		
3	QPSK	15	0	22.83	22.99	22.90		
3	16QAM	1	0	23.00	23.17	23.10		
3	16QAM	1	8	23.02	23.16	22.99	24	1
3	16QAM	1	14	23.03	23.03	23.01		
3	16QAM	8	0	21.99	22.15	22.02		
3	16QAM	8	4	21.93	22.08	21.98	23	2
3	16QAM	8	7	21.93	22.11	22.01		
3	16QAM	15	0	21.88	22.04	22.04		
3	64QAM	1	0	22.08	22.09	22.15		
3	64QAM	1	8	22.10	22.08	22.02	23	2
3	64QAM	1	14	22.02	22.12	22.03		
3	64QAM	8	0	20.93	21.16	20.98		
3	64QAM	8	4	21.01	21.04	20.98	22	3
3	64QAM	8	7	21.03	20.97	20.92		
3	64QAM	15	0	20.95	21.07	21.08		
3	256QAM	1	0	18.92	19.00	18.90		
3	256QAM	1	8	19.02	19.03	18.95	20	5
3	256QAM	1	14	18.91	18.95	18.85		
3	256QAM	8	0	18.91	19.08	18.93		
3	256QAM	8	4	18.98	19.01	18.94	20	5
3	256QAM	8	7	18.91	19.06	18.99		
3	256QAM	15	0	18.91	18.97	19.02		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.04	24.15	23.92		
1.4	QPSK	1	3	24.04	23.96	24.01		
1.4	QPSK	1	5	23.84	23.95	24.05	25	0
1.4	QPSK	3	0	23.92	24.04	23.95		
1.4	QPSK	3	1	23.87	23.98	24.07		
1.4	QPSK	3	3	23.93	24.05	24.02		
1.4	QPSK	6	0	22.90	23.04	22.84	24	1
1.4	16QAM	1	0	23.00	23.11	23.10		
1.4	16QAM	1	3	22.99	23.10	23.01		
1.4	16QAM	1	5	22.99	23.09	22.96	24	1
1.4	16QAM	3	0	22.97	23.06	23.01		
1.4	16QAM	3	1	22.99	23.07	22.96		
1.4	16QAM	3	3	22.94	23.13	23.01		
1.4	16QAM	6	0	21.88	22.04	22.04	23	2
1.4	64QAM	1	0	22.04	22.14	22.16		
1.4	64QAM	1	3	22.02	22.04	22.13		
1.4	64QAM	1	5	21.95	22.07	22.09	23	2
1.4	64QAM	3	0	21.94	22.14	21.99		
1.4	64QAM	3	1	22.05	22.00	22.02		
1.4	64QAM	3	3	21.98	21.96	21.93		
1.4	64QAM	6	0	20.99	21.02	21.07	22	3
1.4	256QAM	1	0	18.90	19.00	18.91		
1.4	256QAM	1	3	18.98	19.04	18.96		
1.4	256QAM	1	5	18.83	18.96	18.85	20	5
1.4	256QAM	3	0	18.84	19.12	18.91		
1.4	256QAM	3	1	18.92	18.97	19.00		
1.4	256QAM	3	3	18.88	19.04	18.91		
1.4	256QAM	6	0	18.82	18.99	19.01	20	5

Band 12 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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.27	24.31	24.24		
10	QPSK	1	25	24.13	24.24	24.20	25.5	0
10	QPSK	1	49	24.13	24.26	24.13		
10	QPSK	25	0	23.15	23.27	23.09		
10	QPSK	25	12	23.15	23.19	23.18	24.5	1
10	QPSK	25	25	23.15	23.12	23.08		
10	QPSK	50	0	23.02	23.22	23.07		
10	16QAM	1	0	23.25	23.39	23.32		
10	16QAM	1	25	23.18	23.24	23.21	24.5	1
10	16QAM	1	49	23.14	23.28	23.17		
10	16QAM	25	0	22.18	22.32	22.14		
10	16QAM	25	12	22.20	22.23	22.13	23.5	2
10	16QAM	25	25	22.11	22.18	22.14		
10	16QAM	50	0	22.13	22.27	22.20		
10	64QAM	1	0	22.27	22.30	22.30		
10	64QAM	1	25	22.11	22.17	22.16	23.5	2
10	64QAM	1	49	22.07	22.24	22.18		
10	64QAM	25	0	21.09	21.26	21.14		
10	64QAM	25	12	21.05	21.14	21.09	22.5	3
10	64QAM	25	25	21.07	21.17	21.19		
10	64QAM	50	0	21.05	21.22	21.08		
10	256QAM	1	0	19.10	19.17	19.19		
10	256QAM	1	25	19.12	19.18	19.23	20.5	5
10	256QAM	1	49	19.13	19.19	19.24		
10	256QAM	25	0	19.17	19.31	19.17		
10	256QAM	25	12	19.11	19.18	19.15	20.5	5
10	256QAM	25	25	19.15	19.27	19.18		
10	256QAM	50	0	19.09	19.18	19.16		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.16	24.17	24.09		
5	QPSK	1	12	24.00	24.11	24.07	25.5	0
5	QPSK	1	24	24.02	24.20	24.08		
5	QPSK	12	0	23.09	23.24	22.95		
5	QPSK	12	7	23.03	23.14	23.15	24.5	1
5	QPSK	12	13	23.08	22.99	22.96		
5	QPSK	25	0	22.87	23.13	22.93		
5	16QAM	1	0	23.19	23.35	23.17		
5	16QAM	1	12	23.03	23.19	23.16	24.5	1
5	16QAM	1	24	23.02	23.18	23.06		
5	16QAM	12	0	22.07	22.27	22.05		
5	16QAM	12	7	22.11	22.13	22.02	23.5	2
5	16QAM	12	13	22.03	22.14	22.05		
5	16QAM	25	0	22.01	22.16	22.15		
5	64QAM	1	0	22.13	22.24	22.22		
5	64QAM	1	12	22.06	22.02	22.09	23.5	2
5	64QAM	1	24	21.99	22.13	22.11		
5	64QAM	12	0	21.02	21.17	21.07		
5	64QAM	12	7	20.99	21.05	20.98	22.5	3
5	64QAM	12	13	21.03	21.14	21.06		
5	64QAM	25	0	21.01	21.10	20.93		
5	256QAM	1	0	18.96	19.11	19.14		
5	256QAM	1	12	19.08	19.03	19.16	20.5	5
5	256QAM	1	24	19.08	19.08	19.21		
5	256QAM	12	0	19.11	19.21	19.06		
5	256QAM	12	7	18.99	19.13	19.03	20.5	5
5	256QAM	12	13	19.07	19.21	19.14		
5	256QAM	25	0	19.02	19.09	19.10		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.14	24.22	24.10		
3	QPSK	1	8	24.04	24.14	24.12	25.5	0
3	QPSK	1	14	23.98	24.20	24.04		
3	QPSK	8	0	23.02	23.20	23.05		
3	QPSK	8	4	23.02	23.12	23.06	24.5	1
3	QPSK	8	7	23.02	23.01	22.94		
3	QPSK	15	0	22.93	23.16	22.95		
3	16QAM	1	0	23.19	23.29	23.19		
3	16QAM	1	8	23.07	23.18	23.11	24.5	1
3	16QAM	1	14	23.06	23.17	23.07		
3	16QAM	8	0	22.14	22.22	22.01		
3	16QAM	8	4	22.10	22.15	22.01	23.5	2
3	16QAM	8	7	22.00	22.14	22.02		
3	16QAM	15	0	22.08	22.16	22.15		
3	64QAM	1	0	22.12	22.24	22.17		
3	64QAM	1	8	22.06	22.11	22.10	23.5	2
3	64QAM	1	14	21.97	22.16	22.12		
3	64QAM	8	0	21.02	21.20	20.99		
3	64QAM	8	4	20.95	21.09	20.99	22.5	3
3	64QAM	8	7	21.03	21.03	21.13		
3	64QAM	15	0	21.01	21.09	21.03		
3	256QAM	1	0	18.98	19.12	19.10		
3	256QAM	1	8	19.03	19.07	19.09	20.5	5
3	256QAM	1	14	19.07	19.14	19.10		
3	256QAM	8	0	19.11	19.19	19.11		
3	256QAM	8	4	19.03	19.14	19.03	20.5	5
3	256QAM	8	7	19.06	19.24	19.09		
3	256QAM	15	0	18.94	19.08	19.03		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.19	24.16	24.17		
1.4	QPSK	1	3	24.08	24.18	24.13		
1.4	QPSK	1	5	23.99	24.22	23.99	25.5	0
1.4	QPSK	3	0	24.01	24.23	23.96		
1.4	QPSK	3	1	24.00	24.09	24.08		
1.4	QPSK	3	3	24.01	24.00	24.05		
1.4	QPSK	6	0	22.88	23.09	22.92	24.5	1
1.4	16QAM	1	0	23.15	23.24	23.28		
1.4	16QAM	1	3	23.03	23.10	23.12		
1.4	16QAM	1	5	23.05	23.19	23.08	24.5	1
1.4	16QAM	3	0	23.13	23.27	23.02		
1.4	16QAM	3	1	23.12	23.20	23.05		
1.4	16QAM	3	3	23.05	23.10	23.02		
1.4	16QAM	6	0	21.99	22.21	22.11	23.5	2
1.4	64QAM	1	0	22.18	22.26	22.19		
1.4	64QAM	1	3	22.02	22.11	22.13		
1.4	64QAM	1	5	21.93	22.16	22.10	23.5	2
1.4	64QAM	3	0	22.04	22.15	22.07		
1.4	64QAM	3	1	21.92	22.05	21.97		
1.4	64QAM	3	3	21.97	22.10	22.10		
1.4	64QAM	6	0	20.99	21.11	20.94	22.5	3
1.4	256QAM	1	0	19.00	19.03	19.16		
1.4	256QAM	1	3	19.07	19.13	19.11		
1.4	256QAM	1	5	18.99	19.15	19.10	20.5	5
1.4	256QAM	3	0	19.03	19.17	19.05		
1.4	256QAM	3	1	19.01	19.15	19.09		
1.4	256QAM	3	3	19.12	19.20	19.10		
1.4	256QAM	6	0	19.02	19.15	19.06	20.5	5

Band 13 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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.28			
10	QPSK	1	25		23.24		24.5	0
10	QPSK	1	49		23.18			
10	QPSK	25	0		22.33			
10	QPSK	25	12		22.26		23.5	1
10	QPSK	25	25		22.21			
10	QPSK	50	0		22.31			
10	16QAM	1	0		22.37			
10	16QAM	1	25		22.35		23.5	1
10	16QAM	1	49		22.27			
10	16QAM	25	0		21.34			
10	16QAM	25	12		21.20		22.5	2
10	16QAM	25	25		21.22			
10	16QAM	50	0		21.21			
10	64QAM	1	0		21.22			
10	64QAM	1	25		21.22		22.5	2
10	64QAM	1	49		21.20			
10	64QAM	25	0		20.29			
10	64QAM	25	12		20.16		21.5	3
10	64QAM	25	25		20.25			
10	64QAM	50	0		20.25			
10	256QAM	1	0		18.23			
10	256QAM	1	25		18.27		19.5	5
10	256QAM	1	49		18.29			
10	256QAM	25	0		18.37			
10	256QAM	25	12		18.33		19.5	5
10	256QAM	25	25		18.25			
10	256QAM	50	0		18.34			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.16	23.19	23.18		
5	QPSK	1	12	22.99	23.16	23.12	24.5	0
5	QPSK	1	24	23.02	23.10	23.00		
5	QPSK	12	0	22.19	22.24	22.13		
5	QPSK	12	7	22.10	22.11	22.18	23.5	1
5	QPSK	12	13	22.02	22.14	22.03		
5	QPSK	25	0	22.15	22.22	22.09		
5	16QAM	1	0	22.18	22.31	22.20		
5	16QAM	1	12	22.20	22.20	22.21	23.5	1
5	16QAM	1	24	22.13	22.14	22.15		
5	16QAM	12	0	21.16	21.30	21.20		
5	16QAM	12	7	21.11	21.16	21.00	22.5	2
5	16QAM	12	13	21.03	21.11	20.99		
5	16QAM	25	0	21.06	21.08	21.04		
5	64QAM	1	0	21.06	21.18	21.01		
5	64QAM	1	12	21.00	21.13	21.05	22.5	2
5	64QAM	1	24	20.94	21.16	21.06		
5	64QAM	12	0	20.20	20.19	20.15		
5	64QAM	12	7	19.89	20.01	19.98	21.5	3
5	64QAM	12	13	20.11	20.16	20.12		
5	64QAM	25	0	19.97	20.11	20.12		
5	256QAM	1	0	18.05	18.16	17.98		
5	256QAM	1	12	18.14	18.14	18.10	19.5	5
5	256QAM	1	24	18.04	18.17	18.13		
5	256QAM	12	0	18.27	18.28	18.20		
5	256QAM	12	7	18.15	18.25	18.13	19.5	5
5	256QAM	12	13	18.08	18.17	18.10		
5	256QAM	25	0	18.11	18.22	18.14		

Band 17 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.12	24.26	24.23	25	0
10	QPSK	1	25	24.10	24.16	24.07		
10	QPSK	1	49	24.07	24.21	24.12		
10	QPSK	25	0	23.04	23.22	23.05	24	1
10	QPSK	25	12	23.06	23.14	23.06		
10	QPSK	25	25	23.04	23.16	23.07		
10	QPSK	50	0	22.98	23.11	23.04		
10	16QAM	1	0	23.12	23.14	23.20	24	1
10	16QAM	1	25	23.07	23.15	23.04		
10	16QAM	1	49	23.03	23.10	23.10		
10	16QAM	25	0	21.95	22.16	22.06	23	2
10	16QAM	25	12	21.96	22.10	22.06		
10	16QAM	25	25	21.97	22.06	22.03		
10	16QAM	50	0	21.97	22.01	22.04		
10	64QAM	1	0	22.13	22.26	22.17	23	2
10	64QAM	1	25	22.05	22.12	22.11		
10	64QAM	1	49	22.03	22.11	22.13		
10	64QAM	25	0	21.07	21.21	21.02	22	3
10	64QAM	25	12	21.09	21.17	21.02		
10	64QAM	25	25	21.00	21.13	21.04		
10	64QAM	50	0	21.04	21.09	21.08		
10	256QAM	1	0	18.97	19.09	19.09	20	5
10	256QAM	1	25	18.97	19.14	18.99		
10	256QAM	1	49	18.98	19.12	19.07		
10	256QAM	25	0	18.95	19.17	19.00	20	5
10	256QAM	25	12	19.00	19.07	18.99		
10	256QAM	25	25	19.02	19.12	19.09		
10	256QAM	50	0	18.94	19.04	19.06		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				708.5	710	713.5		
5	QPSK	1	0	24.05	24.18	24.17	25	0
5	QPSK	1	12	24.07	24.04	23.94		
5	QPSK	1	24	23.98	24.06	24.03		
5	QPSK	12	0	22.96	23.18	22.94	24	1
5	QPSK	12	7	22.97	23.02	22.92		
5	QPSK	12	13	22.92	23.05	22.95		
5	QPSK	25	0	22.88	22.97	22.92		
5	16QAM	1	0	22.98	23.02	23.12	24	1
5	16QAM	1	12	23.02	23.11	22.95		
5	16QAM	1	24	22.97	23.00	23.01		
5	16QAM	12	0	21.83	22.03	21.98	23	2
5	16QAM	12	7	21.93	22.05	21.97		
5	16QAM	12	13	21.92	21.99	21.91		
5	16QAM	25	0	21.83	21.96	21.89		
5	64QAM	1	0	22.00	22.19	22.06	23	2
5	64QAM	1	12	22.01	22.00	22.06		
5	64QAM	1	24	21.98	22.07	22.01		
5	64QAM	12	0	20.97	21.11	20.92	22	3
5	64QAM	12	7	21.04	21.11	20.97		
5	64QAM	12	13	20.95	20.99	20.95		
5	64QAM	25	0	20.90	21.03	21.03		
5	256QAM	1	0	18.90	19.01	19.05	20	5
5	256QAM	1	12	18.90	19.04	18.85		
5	256QAM	1	24	18.85	19.00	19.00		
5	256QAM	12	0	18.84	19.07	18.92	20	5
5	256QAM	12	7	18.95	18.97	18.85		
5	256QAM	12	13	18.94	19.07	19.05		
5	256QAM	25	0	18.89	18.96	18.92		

Band 26 for FCC 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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.18	24.25	24.07	25.7	0
15	QPSK	1	37	24.04	24.15	24.07		
15	QPSK	1	74	24.12	24.14	24.12		
15	QPSK	36	0	23.07	23.24	23.08	24.7	1
15	QPSK	36	20	23.07	23.12	23.08		
15	QPSK	36	39	23.10	23.17	23.08		
15	QPSK	75	0	23.01	23.18	23.05		
15	16QAM	1	0	23.23	23.25	23.28	24.7	1
15	16QAM	1	37	23.08	23.19	23.09		
15	16QAM	1	74	23.04	23.21	23.05		
15	16QAM	36	0	22.04	22.25	22.17	23.7	2
15	16QAM	36	20	22.03	22.12	22.11		
15	16QAM	36	39	22.04	22.12	22.10		
15	16QAM	75	0	22.04	22.16	22.10		
15	64QAM	1	0	22.16	22.29	22.24	23.7	2
15	64QAM	1	37	22.03	22.14	22.10		
15	64QAM	1	74	22.08	22.11	22.08		
15	64QAM	36	0	21.01	21.21	21.05	22.7	3
15	64QAM	36	20	21.03	21.11	21.10		
15	64QAM	36	39	21.10	21.12	21.05		
15	64QAM	75	0	21.01	21.12	21.07		
15	256QAM	1	0	19.10	19.15	19.15	20.7	5
15	256QAM	1	37	19.09	19.20	19.12		
15	256QAM	1	74	19.14	19.11	19.08		
15	256QAM	36	0	19.05	19.25	19.13	20.7	5
15	256QAM	36	20	19.08	19.20	19.12		
15	256QAM	36	39	19.10	19.17	19.16		
15	256QAM	75	0	19.07	19.12	19.08		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.05	24.21	24.00	25.7	0
10	QPSK	1	25	23.91	24.09	23.99		
10	QPSK	1	49	24.08	24.03	23.98		
10	QPSK	25	0	22.96	23.14	23.02	24.7	1
10	QPSK	25	12	22.98	22.99	22.93		
10	QPSK	25	25	23.00	23.04	22.98		
10	QPSK	50	0	22.88	23.06	22.96		
10	16QAM	1	0	23.16	23.21	23.24	24.7	1
10	16QAM	1	25	23.04	23.12	23.06		
10	16QAM	1	49	22.90	23.08	22.90		
10	16QAM	25	0	21.94	22.11	22.05	23.7	2
10	16QAM	25	12	21.97	21.99	22.01		
10	16QAM	25	25	21.99	22.03	21.99		
10	16QAM	50	0	21.91	22.13	22.04		
10	64QAM	1	0	22.02	22.15	22.13	23.7	2
10	64QAM	1	25	21.92	22.02	21.96		
10	64QAM	1	49	22.03	22.01	21.99		
10	64QAM	25	0	20.97	21.18	20.96	22.7	3
10	64QAM	25	12	20.97	21.03	21.01		
10	64QAM	25	25	21.00	21.09	20.95		
10	64QAM	50	0	20.89	21.01	20.97		
10	256QAM	1	0	19.07	19.08	19.09	20.7	5
10	256QAM	1	25	18.97	19.05	19.01		
10	256QAM	1	49	19.10	19.03	18.96		
10	256QAM	25	0	18.93	19.21	19.04	20.7	5
10	256QAM	25	12	19.01	19.12	19.03		
10	256QAM	25	25	19.06	19.04	19.05		
10	256QAM	50	0	19.03	18.99	19.03		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.06	24.21	23.96	25.7	0
5	QPSK	1	12	23.90	24.06	23.96		
5	QPSK	1	24	24.05	24.05	23.97		
5	QPSK	12	0	22.93	23.15	23.00	24.7	1
5	QPSK	12	7	22.92	23.03	23.01		
5	QPSK	12	13	23.01	23.10	23.02		
5	QPSK	25	0	22.93	23.13	22.93		
5	16QAM	1	0	23.10	23.17	23.17	24.7	1
5	16QAM	1	12	23.01	23.15	22.94		
5	16QAM	1	24	22.95	23.13	23.01		
5	16QAM	12	0	21.92	22.19	22.14	23.7	2
5	16QAM	12	7	21.91	22.00	22.03		
5	16QAM	12	13	21.95	21.98	22.06		
5	16QAM	25	0	21.94	22.11	22.02		
5	64QAM	1	0	22.04	22.26	22.19	23.7	2
5	64QAM	1	12	21.94	22.11	22.06		
5	64QAM	1	24	22.01	22.07	21.97		
5	64QAM	12	0	20.92	21.13	21.01	22.7	3
5	64QAM	12	7	20.99	21.06	21.07		
5	64QAM	12	13	20.97	21.00	20.97		
5	64QAM	25	0	20.90	21.01	21.00		
5	256QAM	1	0	19.02	19.02	19.08	20.7	5
5	256QAM	1	12	18.99	19.14	19.01		
5	256QAM	1	24	19.11	19.07	18.96		
5	256QAM	12	0	18.97	19.18	19.04	20.7	5
5	256QAM	12	7	19.01	19.14	18.98		
5	256QAM	12	13	19.07	19.11	19.04		
5	256QAM	25	0	19.00	19.00	19.00		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.07	24.16	24.01	25.7	0
3	QPSK	1	8	24.01	24.04	23.98		
3	QPSK	1	14	24.08	24.09	24.06		
3	QPSK	8	0	23.01	23.13	22.95	24.7	1
3	QPSK	8	4	22.94	23.08	23.03		
3	QPSK	8	7	23.00	23.10	22.97		
3	QPSK	15	0	22.93	23.07	22.96		
3	16QAM	1	0	23.15	23.19	23.22	24.7	1
3	16QAM	1	8	23.03	23.06	23.04		
3	16QAM	1	14	23.00	23.06	22.91		
3	16QAM	8	0	21.90	22.16	22.09	23.7	2
3	16QAM	8	4	21.99	22.08	22.07		
3	16QAM	8	7	21.93	22.03	22.06		
3	16QAM	15	0	21.97	22.10	22.01		
3	64QAM	1	0	22.02	22.17	22.15	23.7	2
3	64QAM	1	8	21.93	22.06	21.96		
3	64QAM	1	14	21.94	22.05	21.94		
3	64QAM	8	0	20.92	21.16	20.93	22.7	3
3	64QAM	8	4	20.95	20.98	20.96		
3	64QAM	8	7	21.03	20.99	20.95		
3	64QAM	15	0	20.90	21.08	20.95		
3	256QAM	1	0	18.99	19.01	19.10	20.7	5
3	256QAM	1	8	19.00	19.06	19.00		
3	256QAM	1	14	19.09	19.07	18.99		
3	256QAM	8	0	19.00	19.13	19.05	20.7	5
3	256QAM	8	4	19.04	19.09	18.99		
3	256QAM	8	7	19.03	19.11	19.05		
3	256QAM	15	0	19.04	19.01	19.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.13	24.21	23.93	25.7	0
1.4	QPSK	1	3	23.94	24.10	23.95		
1.4	QPSK	1	5	24.01	24.03	24.05		
1.4	QPSK	3	0	23.93	24.20	24.00		
1.4	QPSK	3	1	24.04	23.98	24.05		
1.4	QPSK	3	3	24.04	24.10	23.93		
1.4	QPSK	6	0	22.97	23.05	22.96	24.7	1
1.4	16QAM	1	0	23.18	23.17	23.19	24.7	1
1.4	16QAM	1	3	23.03	23.05	22.98		
1.4	16QAM	1	5	22.92	23.11	22.96		
1.4	16QAM	3	0	22.90	23.12	23.03		
1.4	16QAM	3	1	22.97	23.07	23.01		
1.4	16QAM	3	3	22.90	23.09	22.97		
1.4	16QAM	6	0	21.92	22.05	22.00	23.7	2
1.4	64QAM	1	0	22.10	22.22	22.16	23.7	2
1.4	64QAM	1	3	21.93	22.04	21.98		
1.4	64QAM	1	5	22.01	22.07	22.03		
1.4	64QAM	3	0	21.90	22.09	21.96		
1.4	64QAM	3	1	21.97	22.00	22.03		
1.4	64QAM	3	3	21.99	22.07	22.00		
1.4	64QAM	6	0	20.96	21.00	20.97	22.7	3
1.4	256QAM	1	0	18.96	19.08	19.05	20.7	5
1.4	256QAM	1	3	19.03	19.16	18.98		
1.4	256QAM	1	5	19.08	19.04	18.98		
1.4	256QAM	3	0	18.94	19.13	19.04		
1.4	256QAM	3	1	18.99	19.10	19.03		
1.4	256QAM	3	3	19.01	19.02	19.10		
1.4	256QAM	6	0	18.99	18.97	18.93	20.7	5

GSM1900 Ant3 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	29.88	30.11	30.12	31.00	20.88	21.11	21.12	22.00
GPRS 1 Tx slot	29.84	30.01	30.03	31.00	20.84	21.01	21.03	22.00
GPRS 2 Tx slots	26.71	26.64	26.68	27.50	20.71	20.64	20.68	21.50
GPRS 3 Tx slots	24.54	24.61	24.42	25.50	20.28	20.35	20.16	21.24
GPRS 4 Tx slots	23.88	24.09	24.13	24.50	20.88	21.09	21.13	21.50
EDGE 1 Tx slot	25.37	25.42	25.56	27.00	16.37	16.42	16.56	18.00
EDGE 2 Tx slots	22.21	22.28	22.30	24.00	16.21	16.28	16.30	18.00
EDGE 3 Tx slots	20.12	20.31	20.15	22.00	15.86	16.05	15.89	17.74
EDGE 4 Tx slots	19.44	19.54	19.20	21.00	16.44	16.54	16.20	18.00

WCDMA II Ant3 Default

WCDMA IV Ant3 Default

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.68	24.77	24.71	25.50	24.69	24.75	24.64	25.50
3GPP Rel 99	RMC 12.2Kbps	24.81	24.88	24.74	25.50	24.80	24.88	24.82	25.50
3GPP Rel 6	HSDPA Subtest-1	23.60	23.80	23.70	24.50	23.53	23.91	23.78	24.50
3GPP Rel 6	HSDPA Subtest-2	23.60	23.89	23.72	24.50	23.65	23.72	23.77	24.50
3GPP Rel 6	HSDPA Subtest-3	23.14	23.41	23.27	24.00	23.15	23.26	23.18	24.00
3GPP Rel 6	HSDPA Subtest-4	23.20	23.32	23.26	24.00	23.12	23.37	23.14	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.62	23.84	23.74	24.50	23.63	23.82	23.68	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.68	23.89	23.72	24.50	23.72	23.86	23.72	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	23.05	23.26	23.20	24.00	23.05	23.33	23.23	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	23.12	23.33	23.33	24.00	23.17	23.33	23.26	24.00
3GPP Rel 6	HSUPA Subtest-1	23.66	23.86	23.81	24.50	23.53	23.80	23.70	24.50
3GPP Rel 6	HSUPA Subtest-2	21.72	21.85	21.70	22.50	21.60	21.78	21.78	22.50
3GPP Rel 6	HSUPA Subtest-3	22.66	22.91	22.74	23.50	22.61	22.78	22.67	23.50
3GPP Rel 6	HSUPA Subtest-4	21.55	21.89	21.68	22.50	21.59	21.87	21.68	22.50
3GPP Rel 6	HSUPA Subtest-5	23.58	23.70	23.57	24.50	23.56	23.68	23.61	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.04	21.30	21.21	22.00	21.04	21.19	21.10	22.00

Band 2 Ant3 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	24.58	24.64	24.50	25.5	0
20	QPSK	1	49	24.49	24.57	24.56		
20	QPSK	1	99	24.45	24.53	24.45		
20	QPSK	50	0	23.48	23.69	23.58		
20	QPSK	50	24	23.54	23.56	23.53	24.5	1
20	QPSK	50	50	23.53	23.60	23.54		
20	QPSK	100	0	23.53	23.69	23.51		
20	16QAM	1	0	23.66	23.77	23.67		
20	16QAM	1	49	23.56	23.68	23.57	24.5	1
20	16QAM	1	99	23.52	23.57	23.58		
20	16QAM	50	0	22.54	24.53	22.59		
20	16QAM	50	24	22.49	22.57	22.63	23.5	2
20	16QAM	50	50	22.59	22.64	22.55		
20	16QAM	100	0	22.54	22.59	22.54		
20	64QAM	1	0	22.59	22.68	22.63		
20	64QAM	1	49	22.58	22.67	22.58	23.5	2
20	64QAM	1	99	22.57	22.58	22.63		
20	64QAM	50	0	21.58	21.70	21.51		
20	64QAM	50	24	21.53	21.57	21.61	22.5	3
20	64QAM	50	50	21.54	21.60	21.51		
20	64QAM	100	0	21.59	21.62	21.62		
20	256QAM	1	0	19.60	19.66	19.63		
20	256QAM	1	49	19.58	19.65	19.66	20.5	5
20	256QAM	1	99	19.60	19.70	19.63		
20	256QAM	50	0	19.57	19.73	19.60		
20	256QAM	50	24	19.60	19.65	19.63	20.5	5
20	256QAM	50	50	19.61	19.66	19.63		
20	256QAM	100	0	19.53	19.65	19.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.48	24.56	24.37	25.5	0
15	QPSK	1	37	24.45	24.51	24.42		
15	QPSK	1	74	24.32	24.40	24.50		
15	QPSK	36	0	23.37	23.59	23.52		
15	QPSK	36	20	23.47	23.45	23.44	24.5	1
15	QPSK	36	39	23.47	23.56	23.39		
15	QPSK	75	0	23.47	23.54	23.38		
15	16QAM	1	0	23.54	23.66	23.60		
15	16QAM	1	37	23.48	23.59	23.46	24.5	1
15	16QAM	1	74	23.39	23.58	23.55		
15	16QAM	36	0	22.44	22.58	22.44		
15	16QAM	36	20	22.45	22.51	22.52	23.5	2
15	16QAM	36	39	22.44	22.53	22.42		
15	16QAM	75	0	22.42	22.45	22.46		
15	64QAM	1	0	22.47	22.62	22.60		
15	64QAM	1	37	22.55	22.63	22.45	23.5	2
15	64QAM	1	74	22.49	22.45	22.55		
15	64QAM	36	0	21.46	21.66	21.43		
15	64QAM	36	20	21.39	21.50	21.46	22.5	3
15	64QAM	36	39	21.49	21.50	21.43		
15	64QAM	75	0	21.49	21.58	21.50		
15	256QAM	1	0	19.53	19.58	19.56		
15	256QAM	1	37	19.44	19.58	19.55	20.5	5
15	256QAM	1	74	19.56	19.59	19.58		
15	256QAM	36	0	19.47	19.66	19.49		
15	256QAM	36	20	19.51	19.61	19.51	20.5	5
15	256QAM	36	39	19.49	19.63	19.60		
15	256QAM	75	0	19.43	19.61	19.50		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.54	24.40	24.52	25.5	0
10	QPSK	1	25	24.40	24.42	24.52		
10	QPSK	1	49	24.36	24.43	24.45		
10	QPSK	25	0	23.41	23.57	23.53		
10	QPSK	25	12	23.51	23.48	23.42	24.5	1
10	QPSK	25	25	23.46	23.48	23.46		
10	QPSK	50	0	23.40	23.53	23.38		
10	16QAM	1	0	23.62	23.68	23.53		
10	16QAM	1	25	23.47	23.53	23.47	24.5	1
10	16QAM	1	49	23.40	23.43	23.49		
10	16QAM	25	0	22.49	22.64	22.46		
10	16QAM	25	12	22.37	22.51	22.56	23.5	2
10	16QAM	25	25	22.47	22.50	22.47		
10	16QAM	50	0	22.48	22.50	22.48		
10	64QAM	1	0	22.56	22.64	22.50		
10	64QAM	1	25	22.48	22.61	22.45	23.5	2
10	64QAM	1	49	22.46	22.47	22.55		
10	64QAM	25	0	21.47	21.57	21.44		
10	64QAM	25	12	21.45	21.48	21.54	22.5	3
10	64QAM	25	25	21.41	21.49	21.42		
10	64QAM	50	0	21.47	21.53	21.52		
10	256QAM	1	0	19.62	19.68	19.57		
10	256QAM	1	25	19.50	19.58	19.59	20.5	5
10	256QAM	1	49	19.50	19.63	19.51		
10	256QAM	25	0	19.48	19.66	19.53		
10	256QAM	25	12	19.50	19.51	19.57	20.5	5
10	256QAM	25	25	19.49	19.55	19.54		
10	256QAM	50	0	19.40	19.58	19.44		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.54	24.52	24.42	25.5	0
5	QPSK	1	12	24.39	24.43	24.43		
5	QPSK	1	24	24.41	24.47	24.45		
5	QPSK	12	0	23.38	23.62	23.46		
5	QPSK	12	7	23.46	23.41	23.48	24.5	1
5	QPSK	12	13	23.39	23.55	23.48		
5	QPSK	25	0	23.44	23.55	23.47		
5	16QAM	1	0	23.53	23.73	23.63		
5	16QAM	1	12	23.50	23.62	23.47	24.5	1
5	16QAM	1	24	23.45	23.45	23.50		
5	16QAM	12	0	22.44	22.60	22.46		
5	16QAM	12	7	22.36	22.48	22.57	23.5	2
5	16QAM	12	13	22.46	22.50	22.42		
5	16QAM	25	0	22.42	22.50	22.42		
5	64QAM	1	0	22.45	22.56	22.48		
5	64QAM	1	12	22.45	22.61	22.48	23.5	2
5	64QAM	1	24	22.30	22.54	22.49		
5	64QAM	12	0	21.50	21.65	21.43		
5	64QAM	12	7	21.49	21.50	21.54	22.5	3
5	64QAM	12	13	21.49	21.56	21.45		
5	64QAM	25	0	21.54	21.55	21.55		
5	256QAM	1	0	19.53	19.58	19.53		
5	256QAM	1	12	19.44	19.57	19.61	20.5	5
5	256QAM	1	24	19.56	19.57	19.58		
5	256QAM	12	0	19.47	19.55	19.55		
5	256QAM	12	7	19.47	19.51	19.55	20.5	5
5	256QAM	12	13	19.50	19.64	19.51		
5	256QAM	25	0	19.40	19.52	19.45		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.52	24.59	24.39	25.5	0
3	QPSK	1	8	24.38	24.43	24.49		
3	QPSK	1	14	24.39	24.43	24.50		
3	QPSK	8	0	23.38	23.66	23.54		
3	QPSK	8	4	23.41	23.45	23.44	24.5	1
3	QPSK	8	7	23.45	23.53	23.48		
3	QPSK	15	0	23.49	23.53	23.47		
3	16QAM	1	0	23.63	23.71	23.62		
3	16QAM	1	8	23.49	23.61	23.43	24.5	1
3	16QAM	1	14	23.46	23.44	23.51		
3	16QAM	8	0	22.43	22.65	22.46		
3	16QAM	8	4	22.37	22.48	22.48	23.5	2
3	16QAM	8	7	22.47	22.59	22.49		
3	16QAM	15	0	22.48	22.53	22.47		
3	64QAM	1	0	22.48	22.60	22.51		
3	64QAM	1	8	22.46	22.48	22.49	23.5	2
3	64QAM	1	14	22.50	22.52	22.58		
3	64QAM	8	0	21.54	21.65	21.47		
3	64QAM	8	4	21.39	21.48	21.47	22.5	3
3	64QAM	8	7	21.45	21.53	21.44		
3	64QAM	15	0	21.56	21.49	21.56		
3	256QAM	1	0	19.50	19.56	19.57		
3	256QAM	1	8	19.44	19.61	19.54	20.5	5
3	256QAM	1	14	19.56	19.66	19.60		
3	256QAM	8	0	19.49	19.65	19.57		
3	256QAM	8	4	19.54	19.58	19.56	20.5	5
3	256QAM	8	7	19.48	19.54	19.51		
3	256QAM	15	0	19.39	19.56	19.49		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.50	24.53	24.40	25.5	0
1.4	QPSK	1	3	24.43	24.52	24.45		
1.4	QPSK	1	5	24.31	24.44	24.41		
1.4	QPSK	3	0	24.43	24.56	24.51		
1.4	QPSK	3	1	24.42	24.49	24.42		
1.4	QPSK	3	3	24.42	24.54	24.48		
1.4	QPSK	6	0	23.49	23.53	23.41	24.5	1
1.4	16QAM	1	0	23.51	23.64	23.53	24.5	1
1.4	16QAM	1	3	23.44	23.61	23.51		
1.4	16QAM	1	5	23.39	23.51	23.45		
1.4	16QAM	3	0	23.51	23.59	23.52		
1.4	16QAM	3	1	23.40	23.50	23.51		
1.4	16QAM	3	3	23.49	23.52	23.45		
1.4	16QAM	6	0	22.44	22.50	22.41	23.5	2
1.4	64QAM	1	0	22.55	22.63	22.58	23.5	2
1.4	64QAM	1	3	22.49	22.54	22.44		
1.4	64QAM	1	5	22.53	22.54	22.53		
1.4	64QAM	3	0	22.54	22.66	22.43		
1.4	64QAM	3	1	22.60	22.45	22.52		
1.4	64QAM	3	3	22.42	22.51	22.44		
1.4	64QAM	6	0	21.47	21.51	21.53	22.5	3
1.4	256QAM	1	0	19.50	19.57	19.51	20.5	5
1.4	256QAM	1	3	19.47	19.55	19.57		
1.4	256QAM	1	5	19.55	19.64	19.60		
1.4	256QAM	3	0	19.43	19.69	19.49		
1.4	256QAM	3	1	19.51	19.56	19.49		
1.4	256QAM	3	3	19.50	19.60	19.51		
1.4	256QAM	6	0	19.48	19.57	19.55	20.5	5

Band 4 Ant3 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.61	24.68	24.61	25.5	0
20	QPSK	1	49	24.56	24.54	24.59		
20	QPSK	1	99	24.54	24.68	24.61		
20	QPSK	50	0	23.42	23.64	23.53		
20	QPSK	50	24	23.45	23.56	23.49	24.5	1
20	QPSK	50	50	23.50	23.50	23.56		
20	QPSK	100	0	23.45	23.62	23.49		
20	16QAM	1	0	23.65	23.69	23.71		
20	16QAM	1	49	23.56	23.66	23.57	24.5	1
20	16QAM	1	99	23.50	23.59	23.61		
20	16QAM	50	0	22.57	22.68	24.61		
20	16QAM	50	24	22.48	22.62	22.57	23.5	2
20	16QAM	50	50	22.54	22.53	22.61		
20	16QAM	100	0	22.46	22.57	22.51		
20	64QAM	1	0	22.52	22.69	22.49		
20	64QAM	1	49	22.45	22.61	22.47	23.5	2
20	64QAM	1	99	22.52	22.58	22.51		
20	64QAM	50	0	21.43	21.63	21.44		
20	64QAM	50	24	21.42	21.51	21.53	22.5	3
20	64QAM	50	50	21.46	21.54	21.48		
20	64QAM	100	0	21.49	21.60	21.46		
20	256QAM	1	0	19.43	19.52	19.43		
20	256QAM	1	49	19.43	19.50	19.43	20.5	5
20	256QAM	1	99	19.46	19.56	19.50		
20	256QAM	50	0	19.49	19.61	19.43		
20	256QAM	50	24	19.39	19.55	19.45	20.5	5
20	256QAM	50	50	19.39	19.47	19.54		
20	256QAM	100	0	19.41	19.52	19.46		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.46	24.64	24.54	25.5	0
15	QPSK	1	37	24.44	24.43	24.52		
15	QPSK	1	74	24.47	24.59	24.57		
15	QPSK	36	0	23.30	23.50	23.47		
15	QPSK	36	20	23.42	23.48	23.44	24.5	1
15	QPSK	36	39	23.46	23.53	23.36		
15	QPSK	75	0	23.41	23.58	23.35		
15	16QAM	1	0	23.56	23.62	23.66		
15	16QAM	1	37	23.52	23.59	23.44	24.5	1
15	16QAM	1	74	23.39	23.52	23.56		
15	16QAM	36	0	22.49	22.64	22.54		
15	16QAM	36	20	22.45	22.58	22.49	23.5	2
15	16QAM	36	39	22.49	22.50	22.49		
15	16QAM	75	0	22.37	22.44	22.66		
15	64QAM	1	0	22.37	22.57	22.50		
15	64QAM	1	37	22.37	22.48	22.43	23.5	2
15	64QAM	1	74	22.40	22.51	22.37		
15	64QAM	36	0	21.30	21.59	21.31		
15	64QAM	36	20	21.31	21.48	21.46	22.5	3
15	64QAM	36	39	21.34	21.45	21.33		
15	64QAM	75	0	21.44	21.56	21.38		
15	256QAM	1	0	19.35	19.38	19.30		
15	256QAM	1	37	19.29	19.37	19.33	20.5	5
15	256QAM	1	74	19.32	19.47	19.40		
15	256QAM	36	0	19.42	19.56	19.29		
15	256QAM	36	20	19.28	19.42	19.38	20.5	5
15	256QAM	36	39	19.33	19.39	19.50		
15	256QAM	75	0	19.33	19.37	19.39		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.51	24.62	24.51	25.5	0
10	QPSK	1	25	24.44	24.41	24.44		
10	QPSK	1	49	24.48	24.59	24.51		
10	QPSK	25	0	23.28	23.54	23.50		
10	QPSK	25	12	23.38	23.51	23.39	24.5	1
10	QPSK	25	25	23.47	23.45	23.42		
10	QPSK	50	0	23.40	23.48	23.45		
10	16QAM	1	0	23.60	23.64	23.65		
10	16QAM	1	25	23.51	23.52	23.51	24.5	1
10	16QAM	1	49	23.45	23.49	23.49		
10	16QAM	25	0	22.44	22.63	22.43		
10	16QAM	25	12	22.37	22.53	22.51	23.5	2
10	16QAM	25	25	22.42	22.39	22.52		
10	16QAM	50	0	22.42	22.54	22.48		
10	64QAM	1	0	22.47	22.61	22.53		
10	64QAM	1	25	22.38	22.49	22.44	23.5	2
10	64QAM	1	49	22.48	22.45	22.44		
10	64QAM	25	0	21.34	21.54	21.57		
10	64QAM	25	12	21.27	21.48	21.43	22.5	3
10	64QAM	25	25	21.34	21.41	21.33		
10	64QAM	50	0	21.38	21.45	21.34		
10	256QAM	1	0	19.29	19.43	19.34		
10	256QAM	1	25	19.33	19.46	19.29	20.5	5
10	256QAM	1	49	19.36	19.44	19.47		
10	256QAM	25	0	19.38	19.53	19.31		
10	256QAM	25	12	19.31	19.39	19.36	20.5	5
10	256QAM	25	25	19.34	19.32	19.47		
10	256QAM	50	0	19.32	19.41	19.42		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.47	24.60	24.52	25.5	0
5	QPSK	1	12	24.42	24.42	24.50		
5	QPSK	1	24	24.49	24.60	24.56		
5	QPSK	12	0	23.37	23.58	23.39		
5	QPSK	12	7	23.41	23.43	23.44	24.5	1
5	QPSK	12	13	23.40	23.40	23.41		
5	QPSK	25	0	23.35	23.51	23.42		
5	16QAM	1	0	23.53	23.60	23.59		
5	16QAM	1	12	23.50	23.61	23.56	24.5	1
5	16QAM	1	24	23.47	23.49	23.49		
5	16QAM	12	0	22.50	22.59	22.43		
5	16QAM	12	7	22.43	22.56	22.47	23.5	2
5	16QAM	12	13	22.43	22.50	22.46		
5	16QAM	25	0	22.34	22.51	22.42		
5	64QAM	1	0	22.43	22.62	22.46		
5	64QAM	1	12	22.39	22.51	22.41	23.5	2
5	64QAM	1	24	22.47	22.39	22.47		
5	64QAM	12	0	21.37	21.58	21.38		
5	64QAM	12	7	21.39	21.40	21.48	22.5	3
5	64QAM	12	13	21.36	21.45	21.44		
5	64QAM	25	0	21.45	21.46	21.37		
5	256QAM	1	0	19.39	19.45	19.31		
5	256QAM	1	12	19.31	19.41	19.37	20.5	5
5	256QAM	1	24	19.40	19.51	19.44		
5	256QAM	12	0	19.34	19.50	19.28		
5	256QAM	12	7	19.25	19.44	19.40	20.5	5
5	256QAM	12	13	19.28	19.43	19.47		
5	256QAM	25	0	19.28	19.48	19.36		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.48	24.64	24.50	25.5	0
3	QPSK	1	8	24.43	24.51	24.53		
3	QPSK	1	14	24.50	24.57	24.48		
3	QPSK	8	0	23.38	23.55	23.41		
3	QPSK	8	4	23.38	23.42	23.42	24.5	1
3	QPSK	8	7	23.38	23.40	23.51		
3	QPSK	15	0	23.37	23.58	23.43		
3	16QAM	1	0	23.56	23.62	23.60		
3	16QAM	1	8	23.48	23.60	23.47	24.5	1
3	16QAM	1	14	23.45	23.51	23.58		
3	16QAM	8	0	22.48	22.60	22.44		
3	16QAM	8	4	22.44	22.54	22.51	23.5	2
3	16QAM	8	7	22.44	22.44	22.52		
3	16QAM	15	0	22.34	22.49	22.46		
3	64QAM	1	0	22.40	22.55	22.44		
3	64QAM	1	8	22.31	22.47	22.38	23.5	2
3	64QAM	1	14	22.42	22.49	22.47		
3	64QAM	8	0	21.34	21.55	21.31		
3	64QAM	8	4	21.29	21.44	21.48	22.5	3
3	64QAM	8	7	21.37	21.46	21.40		
3	64QAM	15	0	21.43	21.46	21.34		
3	256QAM	1	0	19.36	19.43	19.28		
3	256QAM	1	8	19.38	19.45	19.39	20.5	5
3	256QAM	1	14	19.42	19.52	19.45		
3	256QAM	8	0	19.35	19.58	19.28		
3	256QAM	8	4	19.26	19.51	19.36	20.5	5
3	256QAM	8	7	19.36	19.43	19.47		
3	256QAM	15	0	19.29	19.46	19.37		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.54	24.60	24.51	25.5	0
1.4	QPSK	1	3	24.43	24.48	24.44		
1.4	QPSK	1	5	24.48	24.51	24.33		
1.4	QPSK	3	0	24.32	24.58	24.39		
1.4	QPSK	3	1	24.42	24.44	24.40		
1.4	QPSK	3	3	24.41	24.39	24.43		
1.4	QPSK	6	0	23.40	23.53	23.43	24.5	1
1.4	16QAM	1	0	23.51	23.60	23.62	24.5	1
1.4	16QAM	1	3	23.47	23.56	23.51		
1.4	16QAM	1	5	23.43	23.45	23.46		
1.4	16QAM	3	0	23.48	23.58	23.49		
1.4	16QAM	3	1	23.40	23.54	23.49		
1.4	16QAM	3	3	23.49	23.48	23.50		
1.4	16QAM	6	0	22.42	22.52	22.42	23.5	2
1.4	64QAM	1	0	22.41	22.62	22.47	23.5	2
1.4	64QAM	1	3	22.39	22.48	22.36		
1.4	64QAM	1	5	22.46	22.48	22.47		
1.4	64QAM	3	0	22.34	22.52	22.29		
1.4	64QAM	3	1	22.34	22.40	22.50		
1.4	64QAM	3	3	22.41	22.44	22.41		
1.4	64QAM	6	0	21.42	21.52	21.41	22.5	3
1.4	256QAM	1	0	19.28	19.48	19.34	20.5	5
1.4	256QAM	1	3	19.38	19.35	19.34		
1.4	256QAM	1	5	19.33	19.48	19.37		
1.4	256QAM	3	0	19.45	19.51	19.31		
1.4	256QAM	3	1	19.26	19.46	19.31		
1.4	256QAM	3	3	19.24	19.43	19.48		
1.4	256QAM	6	0	19.33	19.39	19.41	20.5	5

Band 7 Ant3 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	24.78	24.91	24.81	25.5	0
20	QPSK	1	49	24.71	24.88	24.82		
20	QPSK	1	99	24.72	24.89	24.82		
20	QPSK	50	0	23.74	23.89	23.71		
20	QPSK	50	24	23.73	23.77	23.71	24.5	1
20	QPSK	50	50	23.74	23.78	23.80		
20	QPSK	100	0	23.70	23.87	23.72		
20	16QAM	1	0	23.80	23.81	23.76		
20	16QAM	1	49	23.70	23.70	23.66	24.5	1
20	16QAM	1	99

Band 38 Ant3 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.62	24.69	24.64	25.5	0
20	QPSK	1	49	24.50	24.61	24.62		
20	QPSK	1	99	24.47	24.64	24.52		
20	QPSK	50	0	23.53	23.66	23.48	24.5	1
20	QPSK	50	24	23.52	23.59	23.55		
20	QPSK	50	50	23.50	23.52	23.54		
20	QPSK	100	0	23.56	23.69	23.62		
20	16QAM	1	0	23.54	23.65	23.66	24.5	1
20	16QAM	1	49	23.50	23.60	23.50		
20	16QAM	1	99	23.46	23.53	23.53		
20	16QAM	50	0	22.45	22.64	22.51	23.5	2
20	16QAM	50	24	22.49	22.50	22.56		
20	16QAM	50	50	22.45	22.59	22.47		
20	16QAM	100	0	22.52	22.59	22.56		
20	64QAM	1	0	22.60	22.62	22.63	23.5	2
20	64QAM	1	49	22.50	22.58	22.51		
20	64QAM	1	99	22.49	22.61	22.55		
20	64QAM	50	0	21.47	21.66	21.51	22.5	3
20	64QAM	50	24	21.52	21.51	21.55		
20	64QAM	50	50	21.47	21.56	21.57		
20	64QAM	100	0	21.44	21.60	21.58		
20	256QAM	1	0	19.44	19.58	19.50	20.5	5
20	256QAM	1	49	19.44	19.55	19.48		
20	256QAM	1	99	19.42	19.53	19.55		
20	256QAM	50	0	19.51	19.63	19.49	20.5	5
20	256QAM	50	24	19.40	19.54	19.45		
20	256QAM	50	50	19.49	19.55	19.56		
20	256QAM	100	0	19.42	19.51	19.55		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.52	24.60	24.56	25.5	0
15	QPSK	1	37	24.38	24.58	24.51		
15	QPSK	1	74	24.34	24.50	24.47		
15	QPSK	36	0	23.39	23.52	23.35	24.5	1
15	QPSK	36	20	23.38	23.51	23.49		
15	QPSK	36	39	23.36	23.43	23.46		
15	QPSK	75	0	23.49	23.56	23.57		
15	16QAM	1	0	23.48	23.62	23.57	24.5	1
15	16QAM	1	37	23.40	23.50	23.38		
15	16QAM	1	74	23.35	23.43	23.46		
15	16QAM	36	0	22.34	22.59	22.42	23.5	2
15	16QAM	36	20	22.40	22.41	22.51		
15	16QAM	36	39	22.38	22.48	22.36		
15	16QAM	75	0	22.40	22.53	22.44		
15	64QAM	1	0	22.52	22.57	22.54	23.5	2
15	64QAM	1	37	22.42	22.47	22.40		
15	64QAM	1	74	22.43	22.57	22.41		
15	64QAM	36	0	21.35	21.58	21.46	22.5	3
15	64QAM	36	20	21.40	21.41	21.51		
15	64QAM	36	39	21.41	21.46	21.53		
15	64QAM	75	0	21.30	21.48	21.53		
15	256QAM	1	0	19.37	19.49	19.39	20.5	5
15	256QAM	1	37	19.30	19.52	19.37		
15	256QAM	1	74	19.28	19.38	19.44		
15	256QAM	36	0	19.43	19.58	19.39	20.5	5
15	256QAM	36	20	19.26	19.45	19.32		
15	256QAM	36	39	19.35	19.43	19.45		
15	256QAM	75	0	19.35	19.42	19.44		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.55	24.59	24.60	25.5	0
10	QPSK	1	25	24.45	24.50	24.56		
10	QPSK	1	49	24.36	24.54	24.39		
10	QPSK	25	0	23.48	23.55	23.34	24.5	1
10	QPSK	25	12	23.45	23.46	23.44		
10	QPSK	25	25	23.37	23.42	23.43		
10	QPSK	50	0	23.49	23.57	23.55		
10	16QAM	1	0	23.41	23.52	23.61	24.5	1
10	16QAM	1	25	23.36	23.52	23.40		
10	16QAM	1	49	23.38	23.40	23.39		
10	16QAM	25	0	22.35	22.49	22.48	23.5	2
10	16QAM	25	12	22.39	22.40	22.46		
10	16QAM	25	25	22.40	22.49	22.41		
10	16QAM	50	0	22.41	22.53	22.49		
10	64QAM	1	0	22.56	22.55	22.48	23.5	2
10	64QAM	1	25	22.45	22.48	22.47		
10	64QAM	1	49	22.39	22.54	22.51		
10	64QAM	25	0	21.38	21.55	21.38	22.5	3
10	64QAM	25	12	21.49	21.39	21.44		
10	64QAM	25	25	21.33	21.50	21.54		
10	64QAM	50	0	21.40	21.55	21.55		
10	256QAM	1	0	19.31	19.54	19.44	20.5	5
10	256QAM	1	25	19.32	19.41	19.38		
10	256QAM	1	49	19.39	19.50	19.43		
10	256QAM	25	0	19.37	19.52	19.37	20.5	5
10	256QAM	25	12	19.36	19.45	19.39		
10	256QAM	25	25	19.44	19.41	19.43		
10	256QAM	50	0	19.36	19.47	19.51		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.53	24.65	24.57	25.5	0
5	QPSK	1	12	24.46	24.57	24.50		
5	QPSK	1	24	24.34	24.58	24.48		
5	QPSK	12	0	23.46	23.57	23.42	24.5	1
5	QPSK	12	7	23.42	23.48	23.48		
5	QPSK	12	13	23.47	23.38	23.41		
5	QPSK	25	0	23.51	23.59	23.47		
5	16QAM	1	0	23.50	23.53	23.54	24.5	1
5	16QAM	1	12	23.38	23.47	23.38		
5	16QAM	1	24	23.40	23.39	23.43		
5	16QAM	12	0	22.34	22.50	22.43	23.5	2
5	16QAM	12	7	22.43	22.36	22.53		
5	16QAM	12	13	22.38	22.52	22.35		
5	16QAM	25	0	22.43	22.53	22.43		
5	64QAM	1	0	22.55	22.58	22.51	23.5	2
5	64QAM	1	12	22.44	22.43	22.36		
5	64QAM	1	24	22.45	22.57	22.42		
5	64QAM	12	0	21.35	21.62	21.40	22.5	3
5	64QAM	12	7	21.44	21.36	21.44		
5	64QAM	12	13	21.42	21.49	21.48		
5	64QAM	25	0	21.40	21.49	21.53		
5	256QAM	1	0	19.32	19.48	19.42	20.5	5
5	256QAM	1	12	19.41	19.48	19.40		
5	256QAM	1	24	19.39	19.40	19.40		
5	256QAM	12	0	19.39	19.54	19.44	20.5	5
5	256QAM	12	7	19.33	19.49	19.31		
5	256QAM	12	13	19.41	19.41	19.47		
5	256QAM	25	0	19.38	19.47	19.46		

Band 41 Ant3 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	24.71	24.60	24.81	24.74	24.75	25.5	0
20	QPSK	1	49	24.60	24.68	24.74	24.64	24.62		
20	QPSK	1	99	24.72	24.58	24.77	24.64	24.64		
20	QPSK	50	0	23.75	23.64	23.79	23.69	23.70	24.5	1
20	QPSK	50	24	23.63	23.66	23.68	23.68	23.53		
20	QPSK	50	50	23.64	23.63	23.73	23.62	23.58		
20	QPSK	100	0	23.60	23.51	23.73	23.56	23.69		
20	16QAM	1	0	23.71	23.63	23.75	23.67	23.64	24.5	1
20	16QAM	1	49	23.54	23.58	23.61	23.58	23.56		
20	16QAM	1	99	23.57	23.63	23.63	23.62	23.52		
20	16QAM	50	0	22.68	22.56	22.76	22.68	22.67	23.5	2
20	16QAM	50	24	22.55	22.60	22.61	22.66	22.58		
20	16QAM	50	50	22.54	22.57	22.65	22.69	22.56		
20	16QAM	100	0	22.62	22.58	22.70	22.62	22.56		
20	64QAM	1	0	22.62	22.61	22.77	22.65	22.63	23.5	2
20	64QAM	1	49	22.64	22.54	22.72	22.57	22.64		
20	64QAM	1	99	22.59	22.57	22.66	22.60	22.60		
20	64QAM	50	0	21.68	21.62	21.77	21.68	21.62	22.5	3
20	64QAM	50	24	21.52	21.58	21.65	21.59	21.61		
20	64QAM	50	50	21.61	21.64	21.68	21.60	21.59		
20	64QAM	100	0	21.59	21.62	21.69	21.58	21.65		
20	256QAM	1	0	19.57	19.53	19.65	19.65	19.55	20.5	5
20	256QAM	1	49	19.52	19.60	19.65	19.56	19.61		
20	256QAM	1	99	19.49	19.57	19.63	19.55	19.53		
20	256QAM	50	0	19.67	19.55	19.73	19.58	19.65	20.5	5
20	256QAM	50	24	19.64	19.61	19.68	19.54	19.62		
20	256QAM	50	50	19.49	19.52	19.63	19.59	19.58		
20	256QAM	100	0	19.56	19.52	19.70	19.59	19.63		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.68	24.47	24.71	24.59	24.69	25.50	0
15	QPSK	1	37	24.48	24.64	24.68	24.50	24.58		
15	QPSK	1	74	24.63	24.46	24.67	24.53	24.59		
15	QPSK	36	0	23.63	23.56	23.72	23.59	23.64	24.5	1
15	QPSK	36	20	23.55	23.55	23.65	23.55	23.49		
15	QPSK	36	39	23.55	23.51	23.65	23.47	23.48		
15	QPSK	75	0	23.53	23.39	23.69	23.46	23.63		
15	16QAM	1	0	23.64	23.51	23.71	23.58	23.57	24.5	1
15	16QAM	1	37	23.42	23.51	23.46	23.45	23.52		
15	16QAM	1	74	23.53	23.58	23.49	23.52	23.40		
15	16QAM	36	0	22.64	22.50	22.66	22.65	22.61	23.5	2
15	16QAM	36	20	22.46	22.51	22.49	22.52	22.48		
15	16QAM	36	39	22.44	22.47	22.53	22.63	22.53		
15	16QAM	75	0	22.49	22.43	22.65	22.57	22.46		
15	64QAM	1	0	22.54	22.51	22.66	22.60	22.48	23.5	2
15	64QAM	1	37	22.52	22.47	22.63	22.49	22.54		
15	64QAM	1	74	22.55	22.44	22.62	22.57	22.51		
15	64QAM	36	0	21.54	21.54	21.63	21.55	21.57	22.5	3
15	64QAM	36	20	21.38	21.48	21.61	21.53	21.51		
15	64QAM	36	39	21.58	21.57	21.63	21.56	21.54		
15	64QAM	75	0	21.52	21.58	21.64	21.53	21.59		
15	256QAM	1	0	19.49	19.46	19.55	19.60	19.52	20.5	5
15	256QAM	1	37	19.42	19.46	19.50	19.49	19.58		
15	256QAM	1	74	19.44	19.49	19.54	19.48	19.47		
15	256QAM	36	0	19.55	19.47	19.65	19.45	19.53	20.5	5
15	256QAM	36	20	19.49	19.51	19.55	19.48	19.58		
15	256QAM	36	39	19.36	19.38	19.57	19.54	19.54		
15	256QAM	75	0	19.49	19.44	19.61	19.52	19.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.57	24.55	24.76	24.68	24.69	25.50	0
10	QPSK	1	25	24.52	24.56	24.63	24.49	24.52		
10	QPSK	1	49	24.60	24.49	24.69	24.51	24.59		
10	QPSK	25	0	23.62	23.57	23.74	23.62	23.63	24.5	1
10	QPSK	25	12	23.49	23.61	23.62	23.53	23.43		
10	QPSK	25	25	23.56	23.55	23.67	23.58	23.46		
10	QPSK	50	0	23.56	23.42	23.68	23.42	23.60		
10	16QAM	1	0	23.62	23.57	23.65	23.58	23.49	24.5	1
10	16QAM	1	25	23.41	23.50	23.49	23.48	23.46		
10	16QAM	1	49	23.51	23.53	23.54	23.53	23.42		
10	16QAM	25	0	22.56	22.51	22.63	22.64	22.61	23.5	2
10	16QAM	25	12	22.49	22.57	22.53	22.55	22.44		
10	16QAM	25	25	22.43	22.44	22.57	22.58	22.53		
10	16QAM	50	0	22.51	22.52	22.57	22.48	22.41		
10	64QAM	1	0	22.53	22.57	22.68	22.55	22.53	23.5	2
10	64QAM	1	25	22.60	22.42	22.61	22.52	22.55		
10	64QAM	1	49	22.44	22.46	22.55	22.52	22.46		
10	64QAM	25	0	21.63	21.52	21.74	21.65	21.51	22.5	3
10	64QAM	25	12	21.44	21.52	21.50	21.53	21.47		
10	64QAM	25	25	21.48	21.55	21.54	21.49	21.45		
10	64QAM	50	0	21.47	21.56	21.63	21.50	21.60		
10	256QAM	1	0	19.46	19.48	19.57	19.57	19.47	20.5	5
10	256QAM	1	25	19.46	19.49	19.56	19.43	19.51		
10	256QAM	1	49	19.42	19.52	19.53	19.42	19.45		
10	256QAM	25	0	19.55	19.48	19.59	19.46	19.54	20.5	5
10	256QAM	25	12	19.54	19.47	19.65	19.44	19.59		
10	256QAM	25	25	19.43	19.41	19.54	19.48	19.44		
10	256QAM	50	0	19.43	19.43	19.57	19.52	19.59		
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	24.67	24.46	24.68	24.60	24.61	25.50	0
5	QPSK	1	12	24.56	24.57	24.66	24.52	24.53		
5	QPSK	1	24	24.67	24.46	24.68	24.61	24.58		
5	QPSK	12	0	23.64	23.51	23.66	23.61	23.66	24.5	1
5	QPSK	12	7	23.54	23.60	23.63	23.56	23.49		
5	QPSK	12	13	23.51	23.57	23.69	23.51	23.54		
5	QPSK	25	0	23.50	23.41	23.68	23.52	23.61		
5	16QAM	1	0	23.67	23.58	23.67	23.54	23.49	24.5	1
5	16QAM	1	12	23.40	23.47	23.52	23.43	23.49		
5	16QAM	1	24	23.45	23.50	23.48	23.48	23.45		
5	16QAM	12	0	22.53	22.45	22.68	22.62	22.53	23.5	2
5	16QAM	12	7	22.47	22.48	22.50	22.58	22.52		
5	16QAM	12	13	22.39	22.47	22.59	22.55	22.42		
5	16QAM	25	0	22.53	22.50	22.61	22.50	22.50		
5	64QAM	1	0	22.51	22.56	22.72	22.58	22.50	23.5	2
5	64QAM	1	12	22.57	22.39	22.66	22.49	22.53		
5	64QAM	1	24	22.50	22.43	22.58	22.54	22.49		
5	64QAM	12	0	21.62	21.49	21.63	21.60	21.48	22.5	3
5	64QAM	12	7	21.45	21.45	21.57	21.52	21.56		
5	64QAM	12	13	21.48	21.53	21.62	21.50	21.46		
5	64QAM	25	0	21.46	21.56	21.58	21.47	21.52		
5	256QAM	1	0	19.52	19.43	19.57	19.61	19.46	20.5	5
5	256QAM	1	12	19.49	19.56	19.51	19.49	19.49		
5	256QAM	1	24	19.39	19.44	19.56	19.49	19.41		
5	256QAM	12	0	19.61	19.48	19.62	19.51	19.58	20.5	5
5	256QAM	12	7	19.58	19.51	19.60	19.43	19.51		
5	256QAM	12	13	19.43	19.49	19.53	19.53	19.53		
5	256QAM	25	0	19.51	19.41	19.62	19.55	19.53		

Band 2 Ant4 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.77	20.90	20.86	22.5	0
20	QPSK	1	49	20.77	20.88	20.69		
20	QPSK	1	99	20.61	20.74	20.65		
20	QPSK	50	0	20.78	20.88	20.80		
20	QPSK	50	24	20.72	20.81	20.80		
20	QPSK	50	50	20.80	20.87	20.75		
20	QPSK	100	0	20.72	20.84	20.77		
20	16QAM	1	0	20.74	20.85	20.69		
20	16QAM	1	49	20.56	20.78	20.61	22.5	0
20	16QAM	1	99	20.68	20.84	20.82		
20	16QAM	50	0	20.74	20.87	20.68		
20	16QAM	50	24	20.59	20.73	20.70	22.5	0
20	16QAM	50	50	20.68	20.74	20.66		
20	16QAM	100	0	20.70	20.80	20.61		
20	64QAM	1	0	20.72	20.87	20.74		
20	64QAM	1	49	20.80	20.78	20.64	22.5	0
20	64QAM	1	99	20.73	20.83	20.72		
20	64QAM	50	0	20.19	20.30	20.27		
20	64QAM	50	24	20.08	20.12	20.29	22	0.5
20	64QAM	50	50	20.17	20.34	20.19		
20	64QAM	100	0	20.14	20.33	20.21		
20	256QAM	1	0	18.10	18.13	18.18		
20	256QAM	1	49	18.15	18.28	18.18	20	2.5
20	256QAM	1	99	18.18	18.21	18.13		
20	256QAM	50	0	18.13	18.34	18.22		
20	256QAM	50	24	18.20	18.13	18.29	20	2.5
20	256QAM	50	50	18.26	18.20	18.23		
20	256QAM	100	0	18.12	18.22	18.11		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.66	20.80	20.78	22.5	0
15	QPSK	1	37	20.65	20.76	20.55		
15	QPSK	1	74	20.57	20.60	20.52		
15	QPSK	36	0	20.64	20.82	20.67		
15	QPSK	36	20	20.62	20.76	20.71	22.5	0
15	QPSK	36	39	20.67	20.80	20.66		
15	QPSK	75	0	20.61	20.79	20.63		
15	16QAM	1	0	20.68	20.74	20.61		
15	16QAM	1	37	20.52	20.68	20.55	22.5	0
15	16QAM	1	74	20.55	20.74	20.68		
15	16QAM	36	0	20.68	20.62	20.58		
15	16QAM	36	20	20.53	20.66	20.63	22.5	0
15	16QAM	36	39	20.61	20.63	20.55		
15	16QAM	75	0	20.56	20.67	20.58		
15	64QAM	1	0	20.63	20.77	20.75		
15	64QAM	1	37	20.70	20.64	20.56	22.5	0
15	64QAM	1	74	20.59	20.70	20.61		
15	64QAM	36	0	20.09	20.23	20.17		
15	64QAM	36	20	20.06	20.18	20.18	22	0.5
15	64QAM	36	39	20.05	20.24	20.08		
15	64QAM	75	0	20.00	20.18	20.16		
15	256QAM	1	0	18.01	18.04	18.03		
15	256QAM	1	37	18.00	18.14	18.11	20	2.5
15	256QAM	1	74	18.06	18.08	18.03		
15	256QAM	36	0	18.05	18.24	18.15		
15	256QAM	36	20	18.07	18.08	18.23	20	2.5
15	256QAM	36	39	18.13	18.08	18.10		
15	256QAM	75	0	18.01	18.14	18.08		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.60	20.72	20.69	22.5	0
10	QPSK	1	25	20.65	20.70	20.52		
10	QPSK	1	49	20.54	20.52	20.51		
10	QPSK	25	0	20.64	20.82	20.58		
10	QPSK	25	12	20.62	20.78	20.64	22.5	0
10	QPSK	25	25	20.63	20.74	20.58		
10	QPSK	50	0	20.53	20.74	20.58		
10	16QAM	1	0	20.61	20.71	20.58		
10	16QAM	1	25	20.51	20.63	20.51	22.5	0
10	16QAM	1	49	20.53	20.63	20.64		
10	16QAM	25	0	20.61	20.53	20.50		
10	16QAM	25	12	20.51	20.61	20.63	22.5	0
10	16QAM	25	25	20.53	20.55	20.55		
10	16QAM	50	0	20.56	20.59	20.59		
10	64QAM	1	0	20.56	20.74	20.68		
10	64QAM	1	25	20.69	20.58	20.55	22.5	0
10	64QAM	1	49	20.52	20.63	20.53		
10	64QAM	25	0	20.08	20.15	20.15		
10	64QAM	25	12	20.04	20.08	20.10	22	0.5
10	64QAM	25	25	20.00	20.19	20.05		
10	64QAM	50	0	20.17	20.17	20.10		
10	256QAM	1	0	18.06	18.08	18.03		
10	256QAM	1	25	18.01	18.12	18.04	20	2.5
10	256QAM	1	49	18.02	18.03	18.02		
10	256QAM	25	0	18.01	18.23	18.08		
10	256QAM	25	12	18.06	18.05	18.18	20	2.5
10	256QAM	25	25	18.12	18.00	18.05		
10	256QAM	50	0	18.06	18.10	18.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.64	20.72	20.73	22.5	0
5	QPSK	1	12	20.61	20.72	20.56		
5	QPSK	1	24	20.50	20.56	20.52		
5	QPSK	12	0	20.63	20.82	20.62		
5	QPSK	12	7	20.59	20.77	20.62	22.5	0
5	QPSK	12	13	20.67	20.77	20.54		
5	QPSK	25	0	20.54	20.79	20.59		
5	16QAM	1	0	20.63	20.72	20.59		
5	16QAM	1	12	20.53	20.66	20.55	22.5	0
5	16QAM	1	24	20.52	20.76	20.68		
5	16QAM	12	0	20.57	20.58	20.51		
5	16QAM	12	7	20.53	20.64	20.63	22.5	0
5	16QAM	12	13	20.58	20.58	20.54		
5	16QAM	25	0	20.51	20.62	20.57		
5	64QAM	1	0	20.53	20.71	20.66		
5	64QAM	1	12	20.70	20.53	20.57	22.5	0
5	64QAM	1	24	20.53	20.52	20.54		
5	64QAM	12	0	20.05	20.17	20.14		
5	64QAM	12	7	20.00	20.12	20.10	22	0.5
5	64QAM	12	13	20.10	20.21	20.02		
5	64QAM	25	0	20.17	20.13	20.13		
5	256QAM	1	0	18.02	18.04	18.04		
5	256QAM	1	12	18.01	18.14	18.03	20	2.5
5	256QAM	1	24	18.00	18.01	18.05		
5	256QAM	12	0	18.04	18.03	18.03		
5	256QAM	12	7	18.03	18.05	18.13	20	2.5
5	256QAM	12	13	18.09	18.03	18.01		
5	256QAM	25	0	18.11	18.08	18.06		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.58	20.75	20.71	22.5	0
3	QPSK	1	8	20.66	20.67	20.50		
3	QPSK	1	14	20.51	20.56	20.50		
3	QPSK	8	0	20.61	20.77	20.60		
3	QPSK	8	4	20.66	20.79	20.68	22.5	0
3	QPSK	8	7	20.67	20.80	20.54		
3	QPSK	15	0	20.58	20.70	20.58		
3	16QAM	1	0	20.59	20.73	20.56		
3	16QAM	1	8	20.50	20.63	20.50	22.5	0
3	16QAM	1	14	20.57	20.80	20.65		
3	16QAM	8	0	20.62	20.50	20.50		
3	16QAM	8	4	20.54	20.56	20.61	22.5	0
3	16QAM	8	7	20.52	20.55	20.60		
3	16QAM	15	0	20.55	20.58	20.58		
3	64QAM	1	0	20.54	20.72	20.66		
3	64QAM	1	8	20.71	20.53	20.55	22.5	0
3	64QAM	1	14	20.54	20.63	20.51		
3	64QAM	8	0	20.03	20.18	20.15		
3	64QAM	8	4	20.02	20.13	20.13	22	0.5
3	64QAM	8	7	20.02	20.21	20.04		
3	64QAM	15	0	20.15	20.21	20.10		
3	256QAM	1	0	18.02	18.06	18.02		
3	256QAM	1	8	18.03	18.10	18.03	20	2.5
3	256QAM	1	14	18.01	18.07	18.00		
3	256QAM	8	0	18.11	18.23	18.09		
3	256QAM	8	4	18.02	18.01	18.18	20	2.5
3	256QAM	8	7	18.09	18.06	18.05		
3	256QAM	15	0	18.02	18.12	18.08		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.66	20.75	20.76	22.5	0
1.4	QPSK	1	3	20.62	20.73	20.65		
1.4	QPSK	1	5	20.55	20.58	20.62		
1.4	QPSK	3	0	20.71	20.76	20.70		
1.4	QPSK	3	1	20.60	20.69	20.68		
1.4	QPSK	3	3	20.65	20.63	20.60		
1.4	QPSK	6	0	20.56	20.72	20.71	22.5	0
1.4	16QAM	1	0	20.66	20.68	20.68	22.5	0
1.4	16QAM	1	3	20.56	20.58	20.54		
1.4	16QAM	1	5	20.53	20.69	20.65		
1.4	16QAM	3	0	20.57	20.70	20.58		
1.4	16QAM	3	1	20.52	20.63	20.58		
1.4	16QAM	3	3	20.52	20.58	20.62		
1.4	16QAM	6	0	20.52	20.67	20.51	22.5	0
1.4	64QAM	1	0	20.68	20.80	20.65	22.5	0
1.4	64QAM	1	3	20.66	20.73	20.61		
1.4	64QAM	1	5	20.59	20.77	20.69		
1.4	64QAM	3	0	20.66	20.73	20.61		
1.4	64QAM	3	1	20.53	20.55	20.73		
1.4	64QAM	3	3	20.60	20.71	20.68		
1.4	64QAM	6	0	20.08	20.26	20.13	22	0.5
1.4	256QAM	1	0	18.06	18.04	18.07	20	2.5
1.4	256QAM	1	3	18.00	18.13	18.05		
1.4	256QAM	1	5	18.04	18.03	18.03		
1.4	256QAM	3	0	18.05	18.19	18.08		
1.4	256QAM	3	1	18.00	18.06	18.09		
1.4	256QAM	3	3	18.11	18.07	18.03		
1.4	256QAM	6	0	18.06	18.13	18.04	20	2.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.11	21.29	21.17	23	0
20	QPSK	1	49	21.12	21.18	21.11		
20	QPSK	1	99	21.16	20.70	21.14		
20	QPSK	50	0	21.13	21.22	21.20		
20	QPSK	50	24	21.15	21.10	21.16	23	0
20	QPSK	50	50	21.14	21.16	21.12		
20	QPSK	100	0	21.15	21.20	21.15		
20	16QAM	1	0	21.16	21.24	21.20		
20	16QAM	1	49	21.12	21.20	21.17	23	0
20	16QAM	1	99	21.07	21.19	21.15		
20	16QAM	50	0	20.62	20.70	20.66		
20	16QAM	50	24	20.59	20.66	20.62	22.5	0.5
20	16QAM	50	50	20.60	20.62	20.61		
20	16QAM	100	0	20.63	20.70	20.62		
20	64QAM	1	0	20.64	20.74	20.64		
20	64QAM	1	49	20.72	20.76	20.67	22.5	0.5
20	64QAM	1	99	20.66	20.70	20.65		
20	64QAM	50	0	19.68	19.74	19.68		
20	64QAM	50	24	19.64	19.67	19.66	21.5	1.5
20	64QAM	50	50	19.63	19.71	19.66		
20	64QAM	100	0	19.61	19.69	19.62		
20	256QAM	1	0	17.66	17.74	17.69		
20	256QAM	1	49	17.67	17.72	17.62	19.5	3.5
20	256QAM	1	99	17.61	17.68	17.64		
20	256QAM	50	0	17.73	17.79	17.75		
20	256QAM	50	24	17.72	17.79	17.72	19.5	3.5
20	256QAM	50	50	17.67	17.70	17.64		
20	256QAM	100	0	17.71	17.75	17.69		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.11	21.18	21.28	23	0
15	QPSK	1	37	21.01	21.18	21.21		
15	QPSK	1	74	21.07	21.21	21.11		
15	QPSK	36	0	21.02	21.22	21.08		
15	QPSK	36	20	21.09	21.06	21.07	23	0
15	QPSK	36	39	21.04	21.25	21.04		
15	QPSK	75	0	21.05	21.19	21.18		
15	16QAM	1	0	21.07	21.16	21.06		
15	16QAM	1	37	21.01	21.16	21.08	23	0
15	16QAM	1	74	21.09	21.04	21.03		
15	16QAM	36	0	20.52	20.70	20.58		
15	16QAM	36	20	20.59	20.62	20.65	22.5	0.5
15	16QAM	36	39	20.54	20.51	20.67		
15	16QAM	75	0	20.55	20.72	20.66		
15	64QAM	1	0	20.59	20.77	20.69		
15	64QAM	1	37	20.52	20.71	20.58	22.5	0.5
15	64QAM	1	74	20.52	20.69	20.61		
15	64QAM	36	0	19.55	19.72	19.57		
15	64QAM	36	20	19.58	19.58	19.55	21.5	1.5
15	64QAM	36	39	19.54	19.73	19.68		
15	64QAM	75	0	19.51	19.65	19.68		
15	256QAM	1	0	17.70	17.74	17.73		
15	256QAM	1	37	17.63	17.68	17.67	19.5	3.5
15	256QAM	1	74	17.54	17.63	17.72		
15	256QAM	36	0	17.64	17.81	17.64		
15	256QAM	36	20	17.59	17.69	17.69	19.5	3.5
15	256QAM	36	39	17.64	17.77	17.73		
15	256QAM	75	0	17.61	17.80	17.62		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.25	21.20	21.34	23	0
10	QPSK	1	25	21.27	21.23	21.21		
10	QPSK	1	49	21.19	21.19	21.26		
10	QPSK	25	0	21.00	21.24	21.17		
10	QPSK	25	12	21.14	21.13	21.21	23	0
10	QPSK	25	25	21.16	21.19	21.11		
10	QPSK	50	0	21.01	21.17	21.04		
10	16QAM	1	0	21.13	21.21	21.13		
10	16QAM	1	25	21.07	21.11	21.12	23	0
10	16QAM	1	49	21.20	21.08	21.02		
10	16QAM	25	0	20.55	20.71	20.66		
10	16QAM	25	12	20.58	20.55	20.61	22.5	0.5
10	16QAM	25	25	20.52	20.59	20.68		
10	16QAM	50	0	20.51	20.63	20.59		
10	64QAM	1	0	20.63	20.66	20.60		
10	64QAM	1	25	20.60	20.65	20.58	22.5	0.5
10	64QAM	1	49	20.58	20.70	20.67		
10	64QAM	25	0	19.57	19.74	19.59		
10	64QAM	25	12	19.56	19.66	19.57	21.5	1.5
10	64QAM	25	25	19.54	19.64	19.61		
10	64QAM	50	0	19.51	19.61	19.68		
10	256QAM	1	0	17.72	17.83	17.73		
10	256QAM	1	25	17.65	17.77	17.64	19.5	3.5
10	256QAM	1	49	17.56	17.66	17.73		
10	256QAM	25	0	17.58	17.84	17.65		
10	256QAM	25	12	17.64	17.74	17.59	19.5	3.5
10	256QAM	25	25	17.55	17.72	17.69		
10	256QAM	50	0	17.62	17.73	17.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.04	21.27	21.25	23	0
5	QPSK	1	12	21.14	21.26	21.04		
5	QPSK	1	24	21.00	21.25	21.19		
5	QPSK	12	0	21.04	21.26	21.08		
5	QPSK	12	7	21.04	21.16	21.20	23	0
5	QPSK	12	13	21.13	21.20	21.24		
5	QPSK	25	0	21.13	21.26	21.06		
5	16QAM	1	0	21.06	21.23	21.14		
5	16QAM	1	12	21.00	21.19	21.03	23	0
5	16QAM	1	24	21.04	21.12	21.00		
5	16QAM	12	0	20.51	20.72	20.59		
5	16QAM	12	7	20.53	20.62	20.64	22.5	0.5
5	16QAM	12	13	20.58	20.53	20.54		
5	16QAM	25	0	20.54	20.70	20.65		
5	64QAM	1	0	20.65	20.66	20.69		
5	64QAM	1	12	20.56	20.70	20.59	22.5	0.5
5	64QAM	1	24	20.56	20.71	20.64		
5	64QAM	12	0	19.58	19.76	19.62		
5	64QAM	12	7	19.57	19.59	19.56	21.5	1.5
5	64QAM	12	13	19.61	19.72	19.61		
5	64QAM	25	0	19.55	19.62	19.60		
5	256QAM	1	0	17.60	17.66	17.72		
5	256QAM	1	12	17.62	17.73	17.84	19.5	3.5
5	256QAM	1	24	17.63	17.70	17.66		
5	256QAM	12	0	17.66	17.64	17.63		
5	256QAM	12	7	17.67	17.76	17.68	19.5	3.5
5	256QAM	12	13	17.51	17.74	17.65		
5	256QAM	25	0	17.64	17.79	17.58		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.19	21.26	21.14	23	0
3	QPSK	1	8	21.25	21.20	21.20		
3	QPSK	1	14	21.10	21.28	21.13		
3	QPSK	8	0	21.06	21.21	21.16		
3	QPSK	8	4	21.10	21.09	21.22	23	0
3	QPSK	8	7	21.17	21.20	21.16		
3	QPSK	15	0	21.06	21.28	21.13		
3	16QAM	1	0	21.08	21.14	21.19		
3	16QAM	1	8	21.02	21.07	21.09	23	0
3	16QAM	1	14	21.20	21.03	21.12		
3	16QAM	8	0	20.53	20.68	20.63		
3	16QAM	8	4	20.54	20.55	20.63	22.5	0.5
3	16QAM	8	7	20.52	20.52	20.62		
3	16QAM	15	0	20.56	20.72	20.65		
3	64QAM	1	0	20.65	20.70	20.70		
3	64QAM	1	8	20.58	20.72	20.60	22.5	0.5
3	64QAM	1	14	20.57	20.68	20.68		
3	64QAM	8	0	19.53	19.76	19.60		
3	64QAM	8	4	19.53	19.66	19.55	21.5	1.5
3	64QAM	8	7	19.60	19.73	19.68		
3	64QAM	15	0	19.60	19.59	19.58		
3	256QAM	1	0	17.67	17.70	17.73		
3	256QAM	1	8	17.70	17.73	17.84	19.5	3.5
3	256QAM	1	14	17.62	17.64	17.69		
3	256QAM	8	0	17.61	17.81	17.60		
3	256QAM	8	4	17.63	17.78	17.66	19.5	3.5
3	256QAM	8	7	17.59	17.77	17.71		
3	256QAM	15	0	17.55	17.74	17.60		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.05	21.15	21.10	23	0
1.4	QPSK	1	3	21.10	21.18	21.28		
1.4	QPSK	1	5	21.02	21.18	21.20		
1.4	QPSK	3	0	21.04	21.27	21.17		
1.4	QPSK	3	1	21.06	21.06	21.26		
1.4	QPSK	3	3	21.01	21.25	21.07		
1.4	QPSK	6	0	21.05	21.21	21.19	23	0
1.4	16QAM	1	0	21.02	21.20	21.18	23	0
1.4	16QAM	1	3	21.01	21.22	21.00		
1.4	16QAM	1	5	21.00	21.04	21.03		
1.4	16QAM	3	0	21.02	21.19	21.15		
1.4	16QAM	3	1	21.07	21.19	21.11		
1.4	16QAM	3	3	21.12	21.04	21.20		
1.4	16QAM	6	0	20.59	20.65	20.66	22.5	0.5
1.4	64QAM	1	0	20.65	20.67	20.72	22.5	0.5
1.4	64QAM	1	3	20.56	20.68	20.61		
1.4	64QAM	1	5	20.55	20.69	20.66		
1.4	64QAM	3	0	20.55	20.70	20.60		
1.4	64QAM	3	1	20.53	20.68	20.57		
1.4	64QAM	3	3	20.51	20.67	20.59		
1.4	64QAM	6	0	19.57	19.63	19.65	21.5	1.5
1.4	256QAM	1	0	17.70	17.67	17.76	19.5	3.5
1.4	256QAM	1	3	17.69	17.72	17.68		
1.4	256QAM	1	5	17.53	17.67	17.69		
1.4	256QAM	3	0	17.62	17.83	17.66		
1.4	256QAM	3	1	17.65	17.71	17.63		
1.4	256QAM	3	3	17.55	17.76	17.70		
1.4	256QAM	6	0	17.62	17.79	17.65	19.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.38	18.52	18.43	19.5	0
20	QPSK	1	49	18.32	18.42	18.38		
20	QPSK	1	99	18.25	18.36	18.21		
20	QPSK	50	0	18.38	18.46	18.38		
20	QPSK	50	24	18.32	18.37	18.31		
20	QPSK	50	50	18.27	18.35	18.24		
20	QPSK	100	0	18.41	18.45	18.37		
20	16QAM	1	0	18.37	18.40	18.30		
20	16QAM	1	49	18.26	18.41	18.38		
20	16QAM

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.06	21.20	21.11	22.5	0
20	QPSK	1	49	20.98	21.09	21.01		
20	QPSK	1	99	20.94	21.01	20.94		
20	QPSK	50	0	21.01	21.12	21.06	22.5	0
20	QPSK	50	24	20.93	21.05	20.97		
20	QPSK	50	50	20.89	20.98	20.94		
20	QPSK	100	0	20.97	21.09	21.00		
20	16QAM	1	0	20.98	21.07	20.97	22.5	0
20	16QAM	1	49	20.91	21.01	20.98		
20	16QAM	1	99	20.94	20.98	20.86		
20	16QAM	50	0	20.98	21.04	20.92	22.5	0
20	16QAM	50	24	20.92	20.96	20.93		
20	16QAM	50	50	20.82	20.93	20.85		
20	16QAM	100	0	21.04	21.08	21.03		
20	64QAM	1	0	20.97	21.06	20.92	22.5	0
20	64QAM	1	49	20.85	20.92	20.78		
20	64QAM	1	99	20.85	20.98	20.88		
20	64QAM	50	0	20.99	21.03	20.96	22.5	0
20	64QAM	50	24	20.91	20.97	20.92		
20	64QAM	50	50	20.75	20.90	20.82		
20	64QAM	100	0	20.79	20.92	20.79		
20	256QAM	1	0	18.30	18.44	18.35	20	2.5
20	256QAM	1	49	18.32	18.41	18.40		
20	256QAM	1	99	18.33	18.38	18.36		
20	256QAM	50	0	18.30	18.47	18.38	20	2.5
20	256QAM	50	24	18.31	18.43	18.37		
20	256QAM	50	50	18.41	18.40	18.33		
20	256QAM	100	0	18.31	18.47	18.33		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.98	21.02	21.00	22.5	0
15	QPSK	1	37	20.87	20.98	20.88		
15	QPSK	1	74	20.89	20.89	20.81		
15	QPSK	36	0	20.97	21.01	21.02	22.5	0
15	QPSK	36	20	20.89	20.96	20.87		
15	QPSK	36	39	20.76	20.91	20.82		
15	QPSK	75	0	20.94	21.03	20.85		
15	16QAM	1	0	20.90	20.94	20.94	22.5	0
15	16QAM	1	37	20.80	20.88	20.84		
15	16QAM	1	74	20.86	20.92	20.81		
15	16QAM	36	0	20.84	20.96	20.80	22.5	0
15	16QAM	36	20	20.84	20.84	20.80		
15	16QAM	36	39	20.68	20.85	20.81		
15	16QAM	75	0	20.95	21.02	20.99		
15	64QAM	1	0	20.84	21.00	20.81	22.5	0
15	64QAM	1	37	20.81	20.82	20.68		
15	64QAM	1	74	20.71	20.87	20.80		
15	64QAM	36	0	20.93	20.92	20.83	22.5	0
15	64QAM	36	20	20.85	20.92	20.78		
15	64QAM	36	39	20.63	20.79	20.71		
15	64QAM	75	0	20.74	20.79	20.75		
15	256QAM	1	0	18.25	18.34	18.23	20	2.5
15	256QAM	1	37	18.22	18.36	18.37		
15	256QAM	1	74	18.18	18.31	18.23		
15	256QAM	36	0	18.26	18.38	18.29	20	2.5
15	256QAM	36	20	18.17	18.35	18.33		
15	256QAM	36	39	18.35	18.37	18.23		
15	256QAM	75	0	18.26	18.40	18.23		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.92	21.08	21.03	22.5	0
10	QPSK	1	25	20.85	21.02	20.89		
10	QPSK	1	49	20.90	20.87	20.90		
10	QPSK	25	0	20.90	21.01	20.96	22.5	0
10	QPSK	25	12	20.84	20.91	20.92		
10	QPSK	25	25	20.75	20.93	20.89		
10	QPSK	50	0	20.88	21.00	20.92		
10	16QAM	1	0	20.88	20.98	20.91	22.5	0
10	16QAM	1	25	20.85	20.95	20.84		
10	16QAM	1	49	20.86	20.88	20.83		
10	16QAM	25	0	20.95	20.90	20.88	22.5	0
10	16QAM	25	12	20.84	20.88	20.85		
10	16QAM	25	25	20.74	20.87	20.72		
10	16QAM	50	0	20.97	21.02	20.97		
10	64QAM	1	0	20.90	21.01	20.82	22.5	0
10	64QAM	1	25	20.79	20.85	20.70		
10	64QAM	1	49	20.73	20.90	20.78		
10	64QAM	25	0	20.93	20.89	20.90	22.5	0
10	64QAM	25	12	20.82	20.92	20.88		
10	64QAM	25	25	20.62	20.82	20.77		
10	64QAM	50	0	20.74	20.88	20.67		
10	256QAM	1	0	18.27	18.35	18.29	20	2.5
10	256QAM	1	25	18.26	18.33	18.30		
10	256QAM	1	49	18.19	18.25	18.21		
10	256QAM	25	0	18.15	18.44	18.23	20	2.5
10	256QAM	25	12	18.26	18.39	18.30		
10	256QAM	25	25	18.38	18.35	18.23		
10	256QAM	50	0	18.24	18.36	18.20		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.97	21.02	21.02	22.5	0
5	QPSK	1	12	20.86	20.99	20.87		
5	QPSK	1	24	20.90	20.90	20.87		
5	QPSK	12	0	20.95	21.08	20.99	22.5	0
5	QPSK	12	7	20.82	20.91	20.86		
5	QPSK	12	13	20.78	20.93	20.79		
5	QPSK	25	0	20.85	21.02	20.89		
5	16QAM	1	0	20.94	20.99	20.88	22.5	0
5	16QAM	1	12	20.87	20.86	20.89		
5	16QAM	1	24	20.91	20.86	20.78		
5	16QAM	12	0	20.86	20.90	20.84	22.5	0
5	16QAM	12	7	20.81	20.87	20.82		
5	16QAM	12	13	20.76	20.87	20.74		
5	16QAM	25	0	20.99	21.00	21.00		
5	64QAM	1	0	20.89	20.93	20.81	22.5	0
5	64QAM	1	12	20.76	20.84	20.70		
5	64QAM	1	24	20.73	20.87	20.75		
5	64QAM	12	0	20.84	20.96	20.86	22.5	0
5	64QAM	12	7	20.88	20.86	20.85		
5	64QAM	12	13	20.66	20.79	20.76		
5	64QAM	25	0	20.74	20.78	20.64		
5	256QAM	1	0	18.16	18.32	18.25	20	2.5
5	256QAM	1	12	18.25	18.28	18.26		
5	256QAM	1	24	18.21	18.30	18.22		
5	256QAM	12	0	18.26	18.35	18.30	20	2.5
5	256QAM	12	7	18.19	18.38	18.29		
5	256QAM	12	13	18.38	18.29	18.26		
5	256QAM	25	0	18.27	18.43	18.27		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.30	20.23	20.34	20.12	20.15	21.5	0
20	QPSK	1	49	20.28	20.25	20.28	20.16	20.10		
20	QPSK	1	99	20.23	20.16	20.23	20.17	20.04		
20	QPSK	50	0	20.15	20.07	20.21	20.03	20.05	21.5	0
20	QPSK	50	24	20.05	20.10	20.18	20.10	20.08		
20	QPSK	50	50	20.03	20.03	20.15	20.01	20.03		
20	QPSK	100	0	20.13	20.05	20.18	20.00	20.08		
20	16QAM	1	0	20.25	20.17	20.25	20.18	20.16	21.5	0
20	16QAM	1	49	20.16	20.11	20.16	20.07	20.07		
20	16QAM	1	99	20.19	20.11	20.19	20.15	20.07		
20	16QAM	50	0	20.15	20.05	20.15	20.10	20.01	21.5	0
20	16QAM	50	24	20.11	20.06	20.11	19.96	20.00		
20	16QAM	50	50	20.08	20.02	20.08	20.01	19.98		
20	16QAM	100	0	20.22	20.11	20.22	20.13	20.12		
20	64QAM	1	0	20.25	20.20	20.25	20.13	20.19	21.5	0
20	64QAM	1	49	20.21	20.10	20.21	20.11	20.12		
20	64QAM	1	99	20.13	20.01	20.13	20.09	20.03		
20	64QAM	50	0	20.25	20.15	20.25	20.20	20.13	21.5	0
20	64QAM	50	24	20.19	20.04	20.19	20.13	20.11		
20	64QAM	50	50	20.21	20.10	20.21	20.06	20.15		
20	64QAM	100	0	20.15	20.04	20.15	20.03	20.11		
20	256QAM	1	0	18.28	18.44	18.37	18.45	18.31	20	1.5
20	256QAM	1	49	18.42	18.40	18.55	18.39	18.39		
20	256QAM	1	99	18.36	18.43	18.51	18.43	18.36		
20	256QAM	50	0	18.48	18.42	18.54	18.42	18.46	20	1.5
20	256QAM	50	24	18.42	18.39	18.50	18.41	18.41		
20	256QAM	50	50	18.39	18.40	18.55	18.48	18.42		
20	256QAM	100	0	18.37	18.38	18.38	18.49	18.28		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.18	20.15	20.24	20.07	20.03	21.50	0
15	QPSK	1	37	20.25	20.10	20.16	20.11	20.05		
15	QPSK	1	74	20.19	20.11	20.09	20.06	20.01		
15	QPSK	36	0	20.08	20.01	20.07	19.92	19.97	21.5	0
15	QPSK	36	20	19.99	20.02	20.05	19.98	19.98		
15	QPSK	36	39	19.99	19.98	20.09	19.95	20.00		
15	QPSK	75	0	20.05	19.93	20.13	19.88	19.97		
15	16QAM	1	0	20.12	20.05	20.20	20.08	20.04	21.5	0
15	16QAM	1	37	20.04	20.02	20.10	20.01	20.03		
15	16QAM	1	74	20.16	20.00	20.07	20.03	20.01		
15	16QAM	36	0	20.07	19.96	20.02	20.06	19.96	21.5	0
15	16QAM	36	20	19.99	19.93	19.98	19.85	19.89		
15	16QAM	36	39	20.01	19.97	20.02	19.98	19.94		
15	16QAM	75	0	20.14	19.96	20.14	20.06	20.01		
15	64QAM	1	0	20.14	20.08	20.17	20.04	20.14	21.5	0
15	64QAM	1	37	20.08	19.96	20.14	20.04	19.98		
15	64QAM	1	74	20.03	19.91	20.01	20.05	19.99		
15	64QAM	36	0	20.21	20.06	20.11	20.16	20.09	21.5	0
15	64QAM	36	20	20.15	19.91	20.11	20.02	19.99		
15	64QAM	36	39	20.13	20.06	20.09	20.00	20.04		
15	64QAM	75	0	20.08	19.90	20.07	19.94	20.03		
15	256QAM	1	0	18.21	18.32	18.33	18.32	18.17	20	1.5
15	256QAM	1	37	18.36	18.28	18.47	18.30	18.28		
15	256QAM	1	74	18.33	18.34	18.48	18.31	18.30		
15	256QAM	36	0	18.42	18.28	18.44	18.36	18.36	20	1.5
15	256QAM	36	20	18.35	18.28	18.45	18.29	18.37		
15	256QAM	36	39	18.35	18.30	18.52	18.35	18.38		
15	256QAM	75	0	18.33	18.33	18.26	18.44	18.24		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.23	20.17	20.19	20.05	20.08	21.50	0
10	QPSK	1	25	20.17	20.18	20.20	20.06	19.96		
10	QPSK	1	49	20.11	20.11	20.11	20.10	19.93		
10	QPSK	25	0	20.04	19.96	20.09	19.91	19.95	21.5	0
10	QPSK	25	12	19.96	19.95	20.13	20.00	20.01		
10	QPSK	25	25	19.89	19.89	20.09	19.97	20.00		
10	QPSK	50	0	20.06	19.98	20.12	19.86	20.02		
10	16QAM	1	0	20.15	20.02	20.20	20.07	20.02	21.5	0
10	16QAM	1	25	20.07	19.97	20.06	19.96	20.01		
10	16QAM	1	49	20.15	20.06	20.05	20.07	20.00		
10	16QAM	25	0	20.03	19.94	20.02	19.95	19.93	21.5	0
10	16QAM	25	12	19.98	19.92	19.99	19.87	19.90		
10	16QAM	25	25	19.98	19.93	19.98	19.93	19.92		
10	16QAM	50	0	20.19	19.97	20.17	20.06	20.05		
10	64QAM	1	0	20.15	20.11	20.11	20.02	20.16	21.5	0
10	64QAM	1	25	20.08	20.05	20.10	19.96	20.05		
10	64QAM	1	49	20.02	19.94	20.08	20.01	19.97		
10	64QAM	25	0	20.22	20.03	20.20	20.15	20.01	21.5	0
10	64QAM	25	12	20.14	19.97	20.14	20.06	20.06		
10	64QAM	25	25	20.08	19.98	20.14	19.93	20.04		
10	64QAM	50	0	20.09	19.96	20.00	19.94	19.99		
10	256QAM	1	0	18.15	18.31	18.29	18.33	18.20	20	1.5
10	256QAM	1	25	18.32	18.28	18.45	18.29	18.25		
10	256QAM	1	49	18.26	18.37	18.42	18.35	18.28		
10	256QAM	25	0	18.36	18.37	18.40	18.36	18.39	20	1.5
10	256QAM	25	12	18.31	18.33	18.39	18.33	18.31		
10	256QAM	25	25	18.30	18.29	18.47	18.43	18.29		
10	256QAM	50	0	18.33	18.26	18.35	18.40	18.22		
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	20.15	20.08	20.28	20.04	20.05	21.50	0
5	QPSK	1	12	20.20	20.18	20.24	20.02	20.06		
5	QPSK	1	24	20.11	20.11	20.13	20.02	19.97		
5	QPSK	12	0	20.08	20.04	20.09	19.89	19.94	21.5	0
5	QPSK	12	7	19.91	20.06	20.09	20.01	20.03		
5	QPSK	12	13	19.98	19.89	20.04	19.87	19.95		
5	QPSK	25	0	20.04	19.91	20.10	19.92	20.02		
5	16QAM	1	0	20.12	20.13	20.16	20.14	20.12	21.5	0
5	16QAM	1	12	20.11	20.03	20.11	20.04	19.93		
5	16QAM	1	24	20.07	19.97	20.05	20.08	19.94		
5	16QAM	12	0	20.08	19.98	20.08	20.05	19.89	21.5	0
5	16QAM	12	7	20.06	19.96	20.03	19.92	19.92		
5	16QAM	12	13	20.02	19.96	20.03	19.88	19.88		
5	16QAM	25	0	20.09	20.05	20.08	20.03	19.98		
5	64QAM	1	0	20.21	20.11	20.14	20.01	20.10	21.5	0
5	64QAM	1	12	20.15	19.97	20.12	20.06	20.03		
5	64QAM	1	24	20.02	19.91	19.98	19.95	19.98		
5	64QAM	12	0	20.16	20.12	20.21	20.09	20.03	21.5	0
5	64QAM	12	7	20.11	19.95	20.14	20.05	20.01		
5	64QAM	12	13	20.08	20.02	20.13	19.95	20.04		
5	64QAM	25	0	20.05	19.99	20.09	19.99	20.07		
5	256QAM	1	0	18.16	18.34	18.25	18.35	18.17	20	1.5
5	256QAM	1	12	18.31	18.27	18.47	18.35	18.25		
5	256QAM	1	24	18.31	18.36	18.47	18.37	18.27		
5	256QAM	12	0	18.34	18.36	18.43	18.27	18.39	20	1.5
5	256QAM	12	7	18.32	18.30	18.45	18.26	18.31		
5	256QAM	12	13	18.31	18.31	18.44	18.35	18.31		
5	256QAM	25	0	18.27	18.30	18.25	18.40	18.25		

GSM1900 Ant5 DSI1

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	26.52	26.41	26.47	28.00	17.52	17.41	17.47	19.00
GPRS 1 Tx slot	26.48	26.39	26.44	28.00	17.48	17.39	17.44	19.00
GPRS 2 Tx slots	23.15	23.23	23.08	25.00	17.15	17.23	17.08	19.00
GPRS 3 Tx slots	21.20	21.31	21.15	23.00	16.94	17.05	16.89	18.74
GPRS 4 Tx slots	20.43	20.49	20.36	22.00	17.43	17.49	17.36	19.00
EDGE 1 Tx slot	24.08	24.26	24.12	26.00	15.08	15.26	15.12	17.00
EDGE 2 Tx slots	21.15	21.18	21.07	23.00	15.15	15.18	15.07	17.00
EDGE 3 Tx slots	19.11	19.19	19.27	21.00	14.85	14.93	15.01	16.74
EDGE 4 Tx slots	18.05	18.20	18.11	20.00	15.05	15.20	15.11	17.00

WCDMA II Ant5 DSI1 / WCDMA IV Ant5 DSI1

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.30	18.41	18.22	19.50	17.81	17.84	17.76	19.00
3GPP Rel 99	RMC 12.2Kbps	18.39	18.46	18.28	19.50	17.88	17.91	17.87	19.00
3GPP Rel 6	HSDPA Subtest-1	17.12	17.42	17.33	18.50	16.84	16.97	16.76	18.00
3GPP Rel 6	HSDPA Subtest-2	17.30	17.43	17.31	18.50	16.87	16.98	16.74	18.00
3GPP Rel 6	HSDPA Subtest-3	16.89	16.93	16.84	18.00	16.41	16.41	16.22	17.50
3GPP Rel 6	HSDPA Subtest-4	16.75	16.98	16.86	18.00	16.37	16.51	16.31	17.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.27	17.51	17.47	18.50	16.82	16.97	16.61	18.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.41	17.42	17.21	18.50	16.81	16.97	16.90	18.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.77	16.95	16.67	18.00	16.36	16.37	16.18	17.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.73	17.01	16.91	18.00	16.54	16.40	16.29	17.50
3GPP Rel 6	HSUPA Subtest-1	17.08	17.39	17.41	18.50	16.92	16.87	16.71	18.00
3GPP Rel 6	HSUPA Subtest-2	15.23	15.38	15.36	16.50	14.85	14.85	14.74	16.00
3GPP Rel 6	HSUPA Subtest-3	16.26	16.45	16.27	17.50	15.79	16.00	15.76	17.00
3GPP Rel 6	HSUPA Subtest-4	15.23	15.51	15.38	16.50	14.98	14.95	14.68	16.00
3GPP Rel 6	HSUPA Subtest-5	17.23	17.41	17.26	18.50	16.66	16.95	16.72	18.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.66	14.91	14.81	16.00	14.32	14.35	14.13	15.50

Band 4 Ant5 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.83	18.99	18.91		
20	QPSK	1	49	18.77	18.88	18.84	20	0
20	QPSK	1	99	18.79	18.93	18.80		
20	QPSK	50	0	18.88	18.96	18.87		
20	QPSK	50	24	18.78	18.81	18.72	20	0
20	QPSK	50	50	18.74	18.86	18.70		
20	QPSK	100	0	18.76	18.88	18.73		
20	16QAM	1	0	18.77	18.84	18.77		
20	16QAM	1	49	18.76	18.82	18.77	20	0
20	16QAM	1	99	18.77	18.82	18.73		
20	16QAM	50	0	18.94	18.88	18.81		
20	16QAM	50	24	18.74	18.84	18.81	20	0
20	16QAM	50	50	18.76	18.93	18.84		
20	16QAM	100	0	18.82	18.87	18.80		
20	64QAM	1	0	18.76	18.91	18.87		
20	64QAM	1	49	18.71	18.88	18.84	20	0
20	64QAM	1	99	18.76	18.91	18.86		
20	64QAM	50	0	18.72	18.87	18.78		
20	64QAM	50	24	18.87	18.95	18.93	20	0
20	64QAM	50	50	18.82	18.84	18.72		
20	64QAM	100	0	18.83	18.86	18.75		
20	256QAM	1	0	18.83	18.93	18.78		
20	256QAM	1	49	18.79	18.90	18.79	20	0
20	256QAM	1	99	18.77	18.78	18.83		
20	256QAM	50	0	18.70	18.94	18.83		
20	256QAM	50	24	18.81	18.76	18.81	20	0
20	256QAM	50	50	18.70	18.81	18.81		
20	256QAM	100	0	18.75	18.85	18.86		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.71	18.90	18.82		
15	QPSK	1	37	18.68	18.74	18.75	20	0
15	QPSK	1	74	18.65	18.84	18.67		
15	QPSK	36	0	18.80	18.88	18.75		
15	QPSK	36	20	18.65	18.68	18.68	20	0
15	QPSK	36	39	18.68	18.82	18.60		
15	QPSK	75	0	18.62	18.79	18.59		
15	16QAM	1	0	18.65	18.77	18.67		
15	16QAM	1	37	18.65	18.71	18.73	20	0
15	16QAM	1	74	18.70	18.68	18.68		
15	16QAM	36	0	18.69	18.83	18.67		
15	16QAM	36	20	18.60	18.70	18.66	20	0
15	16QAM	36	39	18.63	18.88	18.73		
15	16QAM	75	0	18.76	18.77	18.77		
15	64QAM	1	0	18.70	18.84	18.72		
15	64QAM	1	37	18.66	18.84	18.78	20	0
15	64QAM	1	74	18.65	18.80	18.72		
15	64QAM	36	0	18.65	18.80	18.67		
15	64QAM	36	20	18.79	18.81	18.82	20	0
15	64QAM	36	39	18.79	18.70	18.62		
15	64QAM	75	0	18.75	18.74	18.70		
15	256QAM	1	0	18.76	18.82	18.72		
15	256QAM	1	37	18.73	18.87	18.76	20	0
15	256QAM	1	74	18.72	18.75	18.71		
15	256QAM	36	0	18.55	18.89	18.77		
15	256QAM	36	20	18.77	18.72	18.72	20	0
15	256QAM	36	39	18.63	18.78	18.67		
15	256QAM	75	0	18.71	18.75	18.83		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.69	18.85	18.77		
10	QPSK	1	25	18.65	18.83	18.77	20	0
10	QPSK	1	49	18.71	18.86	18.65		
10	QPSK	25	0	18.76	18.84	18.75		
10	QPSK	25	12	18.66	18.78	18.65	20	0
10	QPSK	25	25	18.62	18.72	18.55		
10	QPSK	50	0	18.66	18.79	18.63		
10	16QAM	1	0	18.66	18.73	18.67		
10	16QAM	1	25	18.66	18.72	18.65	20	0
10	16QAM	1	49	18.64	18.69	18.61		
10	16QAM	25	0	18.71	18.76	18.75		
10	16QAM	25	12	18.67	18.79	18.73	20	0
10	16QAM	25	25	18.72	18.86	18.78		
10	16QAM	50	0	18.69	18.73	18.69		
10	64QAM	1	0	18.72	18.84	18.72		
10	64QAM	1	25	18.64	18.74	18.71	20	0
10	64QAM	1	49	18.65	18.88	18.74		
10	64QAM	25	0	18.68	18.78	18.66		
10	64QAM	25	12	18.78	18.91	18.81	20	0
10	64QAM	25	25	18.77	18.79	18.65		
10	64QAM	50	0	18.78	18.73	18.71		
10	256QAM	1	0	18.68	18.81	18.70		
10	256QAM	1	25	18.69	18.85	18.66	20	0
10	256QAM	1	49	18.64	18.65	18.71		
10	256QAM	25	0	18.60	18.80	18.77		
10	256QAM	25	12	18.71	18.68	18.68	20	0
10	256QAM	25	25	18.61	18.77	18.68		
10	256QAM	50	0	18.64	18.77	18.73		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.70	18.94	18.85		
5	QPSK	1	12	18.66	18.82	18.78	20	0
5	QPSK	1	24	18.73	18.81	18.76		
5	QPSK	12	0	18.81	18.92	18.81		
5	QPSK	12	7	18.74	18.75	18.58	20	0
5	QPSK	12	13	18.71	18.74	18.63		
5	QPSK	25	0	18.65	18.81	18.63		
5	16QAM	1	0	18.68	18.73	18.63		
5	16QAM	1	12	18.72	18.72	18.73	20	0
5	16QAM	1	24	18.65	18.68	18.67		
5	16QAM	12	0	18.79	18.85	18.70		
5	16QAM	12	7	18.60	18.76	18.72	20	0
5	16QAM	12	13	18.68	18.80	18.75		
5	16QAM	25	0	18.73	18.83	18.74		
5	64QAM	1	0	18.62	18.85	18.78		
5	64QAM	1	12	18.59	18.80	18.76	20	0
5	64QAM	1	24	18.69	18.79	18.74		
5	64QAM	12	0	18.59	18.80	18.66		
5	64QAM	12	7	18.77	18.89	18.79	20	0
5	64QAM	12	13	18.72	18.79	18.57		
5	64QAM	25	0	18.79	18.78	18.62		
5	256QAM	1	0	18.76	18.90	18.66		
5	256QAM	1	12	18.68	18.86	18.67	20	0
5	256QAM	1	24	18.68	18.65	18.70		
5	256QAM	12	0	18.64	18.81	18.78		
5	256QAM	12	7	18.69	18.68	18.68	20	0
5	256QAM	12	13	18.62	18.78	18.76		
5	256QAM	25	0	18.68	18.73	18.72		
Channel				19950	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.76	18.86	18.88		
3	QPSK	1	8	18.64	18.83	18.75	20	0
3	QPSK	1	14	18.74	18.89	18.70		
3	QPSK	8	0	18.75	18.87	18.73		
3	QPSK	8	4	18.73	18.73	18.59	20	0
3	QPSK	8	7	18.62	18.78	18.56		
3	QPSK	15	0	18.64	18.80	18.63		
3	16QAM	1	0	18.65	18.69	18.68		
3	16QAM	1	8	18.73	18.69	18.74	20	0
3	16QAM	1	14	18.69	18.69	18.59		
3	16QAM	8	0	18.70	18.78	18.76		
3	16QAM	8	4	18.68	18.76	18.72	20	0
3	16QAM	8	7	18.66	18.88	18.70		
3	16QAM	15	0	18.71	18.74	18.68		
3	64QAM	1	0	18.65	18.83	18.82		
3	64QAM	1	8	18.66	18.80	18.74	20	0
3	64QAM	1	14	18.66	18.83	18.73		
3	64QAM	8	0	18.65	18.79	18.74		
3	64QAM	8	4	18.73	18.82	18.84	20	0
3	64QAM	8	7	18.70	18.73	18.67		
3	64QAM	15	0	18.76	18.82	18.68		
3	256QAM	1	0	18.71	18.82	18.69		
3	256QAM	1	8	18.75	18.76	18.76	20	0
3	256QAM	1	14	18.62	18.63	18.76		
3	256QAM	8	0	18.62	18.85	18.72		
3	256QAM	8	4	18.72	18.64	18.69	20	0
3	256QAM	8	7	18.63	18.67	18.70		
3	256QAM	15	0	18.68	18.74	18.73		
Channel				19925	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.69	18.93	18.84		
1.4	QPSK	1	3	18.71	18.76	18.80		
1.4	QPSK	3	5	18.65	18.88	18.74	20	0
1.4	QPSK	3	0	18.85	18.85	18.76		
1.4	QPSK	3	1	18.71	18.68	18.62		
1.4	QPSK	3	3	18.61	18.78	18.60		
1.4	QPSK	6	0	18.67	18.77	18.63	20	0
1.4	16QAM	1	0	18.65	18.76	18.64		
1.4	16QAM	1	3	18.66	18.77	18.68		
1.4	16QAM	1	5	18.71	18.74	18.65	20	0
1.4	16QAM	3	0	18.80	18.77	18.67		
1.4	16QAM	3	1	18.62	18.72	18.76		
1.4	16QAM	3	3	18.65	18.85	18.69		
1.4	16QAM	6	0	18.77	18.75	18.67	20	0
1.4	64QAM	1	0	18.72	18.81	18.82		
1.4	64QAM	1	3	18.64	18.78	18.73		
1.4	64QAM	1	5	18.62	18.81	18.76	20	0
1.4	64QAM	3	0	18.59	18.81	18.72		
1.4	64QAM	3	1	18.73	18.88	18.87		
1.4	64QAM	3	3	18.72	18.78	18.65		
1.4	64QAM	6	0	18.69	18.78	18.71	20	0
1.4	256QAM	1	0	18.78	18.87	18.69		
1.4	256QAM	1	3	18.70	18.85	18.66		
1.4	256QAM	1	5	18.70	18.65	18.76	20	0
1.4	256QAM	3	0	18.56	18.82	18.73		
1.4	256QAM	3	1	18.66	18.65	18.78		
1.4	256QAM	3	3	18.63	18.73	18.74		
1.4	256QAM	6	0	18.63	18.71	18.77	20	0

Band 7 Ant5 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.27	19.41	19.40		
20	QPSK	1	49	19.24	19.29	19.26	20	0
20	QPSK	1	99	19.20	19.26	19.17		
20	QPSK	50	0	19.32	19.36	19.25		
20	QPSK	50	24	19.15	19.29	19.16	20	0
20	QPSK	50	50	19.14	19.23	19.09		
20	QPSK	100	0	19.12	19.21	19.13		
20	16QAM	1	0	19.18	19.26	19.21		
20	16QAM	1	49	19.19	19.31	19.21	20	0
20	16QAM	1	99	19.18	19.27	19.13		
20	16QAM	50	0	19.12	19.26	19.16		
20	16QAM	50	24	19.16	19.25	19.20	20	0
20	16QAM	50	50	19.19	19.25	19.14		
20	16QAM	100	0	19.21	19.26	19.13		
20	64QAM	1	0	19.12	19.21	19.09		
20	64QAM	1	49	19.29	19.35	19.25	20	0
20	64QAM	1	99	19.27	19.30	19.25		
20	64QAM	50	0	19.19	19.27	19.23		
20	64QAM	50	24	19.21	19.31	19.17	20	0
20	64QAM	50	50	19.18	19.26	19.18		
20	64QAM	100	0	19.29	19.36	19.26		
20	256QAM	1	0	18.68	18.78	18.72		
20	256QAM	1	49	18.61	18.82	18.78	19.5	0.5
20	256QAM	1	99	18.78	18.78	18.82		
20	256QAM	50	0	18.72	18.84	18.69		
20	256QAM	50	24	18.64	18.86	18.74	19.5	0.5
20	256QAM	50	50	18.72	18.85	18.66		
20	256QAM	100	0	18.68	18.76	18.82		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.18	19.29	19.33		
15	QPSK	1	37	19.21	19.15	19.23	20	0
15	QPSK	1	74	19.11	19.18	19.07		
15	QPSK	36	0	19.26	19.24	19.14		
15	QPSK	36	20	19.05	19.25	19.03	20	0
15	QPSK	36	39	19.10	19.12	18.98		
15	QPSK	75	0	18.99	19.12	19.05		
15	16QAM	1	0	19.08	19.14	19.09		
15	16QAM	1	37	19.04	19.21	19.07	20	0
15	16QAM	1	74	19.14	19.19	18.99		
15	16QAM	36	0	19.01	19.14	19.07		
15	16QAM	36	20	19.11	19.11	19.08	20	0
15	16QAM	36	39	19.15	19.21	19.06		
15	16QAM	75	0	19.15	19.12	19.08		
15	64QAM	1	0	18.98	19.06	18.98		
15	64QAM	1	37	19.20	19.23	19.13	20	0
15	64QAM	1	74	19.14	19.22	19.12		
15	64QAM	36	0	19.12	19.22	19.15		
15	64QAM	36	20	19.16	19.18	19.11	20	0
15	64QAM	36	39	19.04	19.20	19.12		
15	64QAM	75	0	19.17	19.31	19.19		
15	256QAM	1	0	18.57	18.64	18.66		
15	256QAM	1	37	18.56	18.73	18.71	19.5	0.5
15	256QAM	1	74	18.73	18.71	18.77		
15	256QAM	36	0	18.61	18.74	18.66		
15	256QAM	36	20	18.49	18.83	18.61	19.5	0.5
15	256QAM	36	39	18.57	18.77	18.58		
15	256QAM	75	0	18.59	18.71	18.69		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.18	19.29	19.30		
10	QPSK	1	25	19.19	19.16	19.23	20	0
10	QPSK	1	49	19.08	19.09	19.07		
10	QPSK	25	0	19.20	19.31	19.11		
10	QPSK	25	12	19.12	19.19	19.05	20	0
10	QPSK	25	25	19.04	19.20	18.95		
10	QPSK	50	0	19.07	19.08	18.98		
10	16QAM	1	0	19.14	19.21	19.15		
10	16QAM	1	25	19.16	19.27	19.08	20	0
10	16QAM	1	49	19.07	19.18	19.06		
10	16QAM	25	0	19.06	19.16	19.07		
10	16QAM	25	12	19.04	19.14	19.13	20	0
10	16QAM	25	25	19.11	19.15	19.03		
10	16QAM	50	0	19.07	19.22	19.09		
10	64QAM	1	0	18.98	19.15	19.04		
10	64QAM	1	25	19.19	19.25	19.22	20	0
10	64QAM	1	49	19.14	19.18	19.16		
10	64QAM	25	0	19.15	19.22	19.12		
10	64QAM	25	12	19.08	19.25	19.04	20	0
10	64QAM	25	25	19.09	19.20	19.12		
10	64QAM	50	0	19.17	19.26	19.19		
10	256QAM	1	0	18.58	18.68	18.67		
10	256QAM	1	25	18.47	18.71	18.65	19.5	0.5
10	256QAM	1	49	18.72	18.68	18.71		
10	256QAM	25	0	18.67	18.79	18.66		
10	256QAM	25	12	18.59	18.80	18.68	19.5	0.5
10	256QAM	25	25	18.69	18.70	18.60		
10	256QAM	50	0	18.55	18.71	18.67		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.17	19.32	19.30		
5	QPSK	1	12	19.15	19.21	19.14	20	0
5	QPSK	1	24	19.13	19.12	19.06		
5	QPSK	12	0	19.20	19.31	19.20		
5	QPSK	12	7	19.05	19.22	19.08	20	0
5	QPSK	12	13	19.02	19.10	18.94		
5	QPSK	25	0	19.08	19.07	19.00		
5	16QAM	1	0	19.06	19.15	19.16		
5	16QAM	1	12	19.05	19.24	19.14	20	0
5	16QAM	1	24	19.13	19.14	19.06		
5	16QAM	12	0	19.03	19.21	19.08		
5	16QAM	12	7	19.13	19.14	19.06	20	0
5	16QAM	12	13	19.08	19.11	19.02		
5	16QAM	25	0	19.16	19.13	19.05		
5	64QAM	1	0	19.07	19.17	18.97		
5	64QAM	1	12	19.19	19.26	19.13	20	0
5	64QAM	1	24	19.23	19.23	19.13		
5	64QAM	12	0	19.08	19.16	19.15		
5	64QAM	12	7	19.13	19.17	19.06	20	0
5	64QAM	12	13	19.11	19.20	19.11		
5	64QAM	25	0	19.20	19.25	19.20		
5	256QAM	1	0	18.55	18.70	18.64		
5	256QAM	1	12	18.52	18.78	18.73	19.5	0.5
5	256QAM	1	24	18.67	18.73	18.73		
5	256QAM	12	0	18.61	18.74	18.58		
5	256QAM	12	7	18.56	18.74	18.61	19.5	0.5
5	256QAM	12	13	18.60	18.71	18.54		
5	256QAM	25	0	18.53	18.67	18.79		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.69	17.78	17.65		
20	QPSK	1	49	17.61	17.67	17.54	18.5	0
20	QPSK	1	99	17.57	17.69	17.56		
20	QPSK	50	0	17.61	17.66	17.60		
20	QPSK	50	24	17.56	17.64	17.55	18.5	0
20	QPSK	50	50	17.56	17.59	17.61		
20	QPSK	100	0	17.60	17.74	17.64		
20	16QAM	1	0	17.66	17.72	17.59		
20	16QAM	1	49	17.63	17.68	17.65	18.5	0
20	16QAM	1	99	17.60	17.68	17.60		
20	16QAM	50	0	17.57	17.64	17.56		
20	16QAM	50	24	17.56	17.70	17.60	18.5	0
20	16QAM	50	50	17.58	17.64	17.60		
20	16QAM	100	0	17.64	17.70	17.61		
20	64QAM	1	0	17.52	17.65	17.58		
20	64QAM	1	49	17.57	17.71	17.60	18.5	0
20	64QAM	1	99	17.51	17.63	17.51		
20	64QAM	50	0	17.47	17.62	17.48		
20	64QAM	50	24	17.61	17.69	17.63	18.5	0
20	64QAM	50	50	17.63	17.70	17.59		
20	64QAM	100	0	17.67	17.76	17.72		
20	256QAM	1	0	17.58	17.70	17.63		
20	256QAM	1	49	17.59	17.65	17.52	18.5	0
20	256QAM	1	99	17.54	17.62	17.58		
20	256QAM	50	0	17.67	17.75	17.69		
20	256QAM	50	24	17.53	17.63	17.51	18.5	0
20	256QAM	50	50	17.57	17.71	17.59		
20	256QAM	100	0	17.68	17.72	17.67		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.56	17.69	17.54		
15	QPSK	1	37	17.46	17.60	17.41	18.5	0
15	QPSK	1	74	17.52	17.65	17.47		
15	QPSK	36	0	17.51	17.52	17.47		
15	QPSK	36	20	17.52	17.55	17.50	18.5	0
15	QPSK	36	39	17.52	17.51	17.49		
15	QPSK	75	0	17.56	17.60	17.60		
15	16QAM	1	0	17.62	17.64	17.58		
15	16QAM	1	37	17.58	17.59	17.54	18.5	0
15	16QAM	1	74	17.50	17.55	17.49		
15	16QAM	36	0	17.43	17.59	17.42		
15	16QAM	36	20	17.47	17.62	17.53	18.5	0
15	16QAM	36	39	17.55	17.54	17.52		
15	16QAM	75	0	17.51	17.57	17.54		
15	64QAM	1	0	17.38	17.57	17.47		
15	64QAM	1	37	17.51	17.60	17.54	18.5	0
15	64QAM	1	74	17.38	17.51	17.37		
15	64QAM	36	0	17.33	17.55	17.39		
15	64QAM	36	20	17.46	17.60	17.55	18.5	0
15	64QAM	36	39	17.51	17.61	17.47		
15	64QAM	75	0	17.52	17.71	17.61		
15	256QAM	1	0	17.44	17.56	17.51		
15	256QAM	1	37	17.49	17.58	17.48	18.5	0
15	256QAM	1	74	17.41	17.53	17.48		
15	256QAM	36	0	17.52	17.66	17.59		
15	256QAM	36	20	17.42	17.54	17.46	18.5	0
15	256QAM	36	39	17.43	17.60	17.47		
15	256QAM	75	0	17.64	17.63	17.63		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.62	17.69	17.60		
10	QPSK	1	25	17.47	17.59	17.42	18.5	0
10	QPSK	1	49	17.45	17.64	17.47		
10	QPSK	25	0	17.48	17.58	17.56		
10	QPSK	25	12	17.43	17.60	17.48	18.5	0
10	QPSK	25	25	17.51	17.51	17.56		
10	QPSK	50	0	17.48	17.71	17.50		
10	16QAM	1	0	17.62	17.64	17.45		
10	16QAM	1	25	17.57	17.56	17.57	18.5	0
10	16QAM	1	49	17.54	17.56	17.49		
10	16QAM	25	0	17.37	17.57	17.43		
10	16QAM	25	12	17.44	17.57	17.50	18.5	0
10	16QAM	25	25	17.51	17.49	17.50		
10	16QAM	50	0	17.50	17.61

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BW [MHz]	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	21.28	21.41	21.36		
20	QPSK	1	49	21.22	21.35	21.28	22	0
20	QPSK	1	99	21.24	21.37	21.32		
20	QPSK	50	0	21.21	21.34	21.16		
20	QPSK	50	24	21.18	21.25	21.16	22	0
20	QPSK	50	50	21.12	21.26	21.19		
20	QPSK	100	0	21.22	21.31	21.28		
20	16QAM	1	0	21.24	21.34	21.22		
20	16QAM	1	49	21.15	21.29	21.22	22	0
20	16QAM	1	99	21.16	21.28	21.19		
20	16QAM	50	0	21.26	21.32	21.27		
20	16QAM	50	24	21.24	21.34	21.23	22	0
20	16QAM	50	50	21.27	21.30	21.25		
20	16QAM	100	0	21.18	21.32	21.17		
20	64QAM	1	0	21.12	21.26	21.21		
20	64QAM	1	49	21.23	21.30	21.16	22	0
20	64QAM	1	99	21.15	21.28	21.17		
20	64QAM	50	0	20.50	20.71	20.60		
20	64QAM	50	24	20.53	20.58	20.61	21.5	0.5
20	64QAM	50	50	20.55	20.62	20.56		
20	64QAM	100	0	20.52	20.62	20.62		
20	256QAM	1	0	18.55	18.73	18.69		
20	256QAM	1	49	18.62	18.61	18.63	19.5	2.5
20	256QAM	1	99	18.58	18.59	18.62		
20	256QAM	50	0	18.56	18.76	18.58		
20	256QAM	50	24	18.64	18.65	18.59	19.5	2.5
20	256QAM	50	50	18.56	18.74	18.58		
20	256QAM	100	0	18.58	18.68	18.54		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.23	21.30	21.28		
15	QPSK	1	37	21.15	21.23	21.20	22	0
15	QPSK	1	74	21.15	21.27	21.25		
15	QPSK	36	0	21.12	21.27	21.03		
15	QPSK	36	20	21.15	21.14	21.08	22	0
15	QPSK	36	39	20.97	21.23	21.12		
15	QPSK	75	0	21.11	21.22	21.14		
15	16QAM	1	0	21.20	21.28	21.11		
15	16QAM	1	37	21.09	21.23	21.18	22	0
15	16QAM	1	74	21.09	21.13	21.06		
15	16QAM	36	0	21.18	21.18	21.17		
15	16QAM	36	20	21.12	21.23	21.16	22	0
15	16QAM	36	39	21.23	21.15	21.11		
15	16QAM	75	0	21.07	21.27	21.08		
15	64QAM	1	0	21.03	21.18	21.18		
15	64QAM	1	37	21.13	21.18	21.10	22	0
15	64QAM	1	74	21.06	21.17	21.02		
15	64QAM	36	0	20.37	20.63	20.46		
15	64QAM	36	20	20.45	20.53	20.49	21.5	0.5
15	64QAM	36	39	20.47	20.54	20.45		
15	64QAM	75	0	20.43	20.52	20.58		
15	256QAM	1	0	18.48	18.68	18.63		
15	256QAM	1	37	18.56	18.57	18.48	19.5	2.5
15	256QAM	1	74	18.45	18.47	18.53		
15	256QAM	36	0	18.48	18.65	18.46		
15	256QAM	36	20	18.56	18.59	18.53	19.5	2.5
15	256QAM	36	39	18.46	18.63	18.51		
15	256QAM	75	0	18.51	18.64	18.50		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.16	21.29	21.29		
10	QPSK	1	25	21.08	21.27	21.15	22	0
10	QPSK	1	49	21.11	21.31	21.21		
10	QPSK	25	0	21.10	21.28	21.10		
10	QPSK	25	12	21.15	21.16	21.11	22	0
10	QPSK	25	25	21.06	21.19	21.05		
10	QPSK	50	0	21.17	21.20	21.25		
10	16QAM	1	0	21.11	21.26	21.09		
10	16QAM	1	25	21.05	21.25	21.08	22	0
10	16QAM	1	49	21.03	21.19	21.06		
10	16QAM	25	0	21.22	21.20	21.13		
10	16QAM	25	12	21.15	21.27	21.14	22	0
10	16QAM	25	25	21.13	21.17	21.11		
10	16QAM	50	0	21.06	21.19	21.08		
10	64QAM	1	0	21.07	21.21	21.12		
10	64QAM	1	25	21.17	21.24	21.04	22	0
10	64QAM	1	49	21.07	21.18	21.10		
10	64QAM	25	0	20.42	20.63	20.51		
10	64QAM	25	12	20.38	20.50	20.57	21.5	0.5
10	64QAM	25	25	20.47	20.50	20.42		
10	64QAM	50	0	20.48	20.53	20.56		
10	256QAM	1	0	18.43	18.69	18.56		
10	256QAM	1	25	18.53	18.55	18.53	19.5	2.5
10	256QAM	1	49	18.51	18.56	18.58		
10	256QAM	25	0	18.44	18.67	18.51		
10	256QAM	25	12	18.52	18.56	18.47	19.5	2.5
10	256QAM	25	25	18.47	18.66	18.47		
10	256QAM	50	0	18.54	18.60	18.41		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.20	21.28	21.32		
5	QPSK	1	12	21.19	21.28	21.19	22	0
5	QPSK	1	24	21.13	21.29	21.26		
5	QPSK	12	0	21.12	21.22	21.07		
5	QPSK	12	7	21.13	21.12	21.06	22	0
5	QPSK	12	13	20.99	21.19	21.04		
5	QPSK	25	0	21.08	21.25	21.16		
5	16QAM	1	0	21.21	21.29	21.15		
5	16QAM	1	12	21.05	21.15	21.18	22	0
5	16QAM	1	24	21.03	21.14	21.09		
5	16QAM	12	0	21.23	21.19	21.20		
5	16QAM	12	7	21.19	21.29	21.19	22	0
5	16QAM	12	13	21.23	21.17	21.13		
5	16QAM	25	0	21.11	21.18	21.05		
5	64QAM	1	0	21.01	21.18	21.06		
5	64QAM	1	12	21.12	21.23	21.10	22	0
5	64QAM	1	24	21.01	21.16	21.07		
5	64QAM	12	0	20.38	20.60	20.48		
5	64QAM	12	7	20.44	20.46	20.48	21.5	0.5
5	64QAM	12	13	20.46	20.49	20.44		
5	64QAM	25	0	20.48	20.56	20.51		
5	256QAM	1	0	18.43	18.60	18.66		
5	256QAM	1	12	18.49	18.55	18.59	19.5	2.5
5	256QAM	1	24	18.53	18.51	18.50		
5	256QAM	12	0	18.48	18.71	18.44		
5	256QAM	12	7	18.56	18.58	18.55	19.5	2.5
5	256QAM	12	13	18.53	18.69	18.44		
5	256QAM	25	0	18.55	18.58	18.42		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.31	21.43	21.48	21.41	21.38		
20	QPSK	1	49	21.28	21.36	21.41	21.37	21.34	22	0
20	QPSK	1	99	21.29	21.25	21.36	21.23	21.23		
20	QPSK	50	0	21.23	21.24	21.42	21.17	21.26		
20	QPSK	50	24	21.28	21.35	21.31	21.30	21.29	22	0
20	QPSK	50	50	21.27	21.21	21.36	21.32	21.31		
20	QPSK	100	0	21.27	21.27	21.37	21.24	21.28		
20	16QAM	1	0	21.37	21.32	21.46	21.40	21.38		
20	16QAM	1	49	21.26	21.31	21.37	21.27	21.25	22	0
20	16QAM	1	99	21.27	21.24	21.39	21.32	21.26		
20	16QAM	50	0	21.28	21.29	21.37	21.30	21.23		
20	16QAM	50	24	21.19	21.20	21.32	21.19	21.23	22	0
20	16QAM	50	50	21.27	21.27	21.36	21.29	21.22		
20	16QAM	100	0	21.26	21.19	21.32	21.27	21.22		
20	64QAM	1	0	21.28	21.18	21.31	21.23	21.18		
20	64QAM	1	49	21.35	21.30	21.43	21.29	21.35	22	0
20	64QAM	1	99	21.25	21.22	21.36	21.31	21.26		
20	64QAM	50	0	20.57	20.55	20.73	20.57	20.65		
20	64QAM	50	24	20.46	20.63	20.69	20.59	20.66	21.5	0.5
20	64QAM	50	50	20.51	20.49	20.67	20.62	20.52		
20	64QAM	100	0	20.45	20.54	20.67	20.54	20.57		
20	256QAM	1	0	18.46	18.66	18.73	18.64	18.61		
20	256QAM	1	49	18.52	18.58	18.68	18.64	18.54	19.5	2.5
20	256QAM	1	99	18.51	18.65	18.71	18.68	18.58		
20	256QAM	50	0	18.58	18.59	18.78	18.61	18.76		
20	256QAM	50	24	18.43	18.64	18.67	18.69	18.63	19.5	2.5
20	256QAM	50	50	18.52	18.63	18.77	18.66	18.72		
20	256QAM	100	0	18.52	18.59	18.75	18.63	18.65		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.17	21.30	21.36	21.26	21.27		
15	QPSK	1	37	21.16	21.28	21.29	21.31	21.21	22.00	0
15	QPSK	1	74	21.18	21.21	21.28	21.13	21.20		
15	QPSK	36	0	21.15	21.19	21.30	21.14	21.21		
15	QPSK	36	20	21.18	21.29	21.26	21.25	21.23	22	0
15	QPSK	36	39	21.22	21.08	21.29	21.20	21.18		
15	QPSK	75	0	21.20	21.19	21.27	21.21	21.24		
15	16QAM	1	0	21.33	21.27	21.31	21.27	21.28		
15	16QAM	1	37	21.11	21.28	21.23	21.19	21.18	22	0
15	16QAM	1	74	21.12	21.12	21.25	21.19	21.21		
15	16QAM	36	0	21.22	21.15	21.24	21.18	21.10		
15	16QAM	36	20	21.14	21.15	21.19	21.10	21.10	22	0
15	16QAM	36	39	21.23	21.20	21.32	21.23	21.13		
15	16QAM	75	0	21.11	21.16	21.25	21.20	21.11		
15	64QAM	1	0	21.21	21.12	21.27	21.09	21.05		
15	64QAM	1	37	21.24	21.17	21.32	21.19	21.23	22	0
15	64QAM	1	74	21.17	21.19	21.33	21.25	21.14		
15	64QAM	36	0	20.45	20.48	20.61	20.51	20.56		
15	64QAM	36	20	20.41	20.49	20.65	20.53	20.59	21.5	0.5
15	64QAM	36	39	20.38	20.40	20.61	20.54	20.48		
15	64QAM	75	0	20.40	20.40	20.56	20.42	20.42		
15	256QAM	1	0	18.37	18.57	18.60	18.51	18.50		
15	256QAM	1	37	18.41	18.49	18.55	18.54	18.48	19.5	2.5
15	256QAM	1	74	18.43	18.59	18.68	18.55	18.46		
15	256QAM	36	0	18.51	18.50	18.68	18.52	18.61		
15	256QAM	36	20	18.36	18.50	18.53	18.59	18.53	19.5	2.5
15	256QAM	36	39	18.44	18.50	18.63	18.55	18.58		
15	256QAM	75	0	18.48	18.53	18.61	18.49	18.54		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.25	21.31	21.35	21.36	21.29		
10	QPSK	1	25	21.18	21.29	21.31	21.33	21.27	22.00	0
10	QPSK	1	49	21.19	21.17	21.32	21.15	21.10		
10	QPSK	25	0	21.19	21.16	21.28	21.04	21.14		
10	QPSK	25	12	21.17	21.28	21.21	21.19	21.18	22	0
10	QPSK	25	25	21.22	21.07	21.28	21.28	21.17		
10	QPSK	50	0	21.17	21.22	21.33	21.11	21.18		
10	16QAM	1	0	21.28	21.19	21.31	21.33	21.26		
10	16QAM	1	25	21.21	21.24	21.26	21.16	21.16	22	0
10	16QAM	1	49	21.12	21.16	21.28	21.18	21.20		
10	16QAM	25	0	21.22	21.15	21.31	21.16	21.19		
10	16QAM	25	12	21.15	21.13	21.19	21.07	21.15	22	0
10	16QAM	25	25	21.23	21.18	21.25	21.22	21.14		
10	16QAM	50	0	21.19	21.14	21.28	21.15	21.12		
10	64QAM	1	0	21.21	21.11	21.20	21.17	21.06		
10	64QAM	1	25	21.25	21.26	21.32	21.20	21.30	22	0
10	64QAM	1	49	21.15	21.18	21.30	21.19	21.20		
10	64QAM	25	0	20.47	20.48	20.58	20.42	20.62		
10	64QAM	25	12	20.37	20.51	20.55	20.53	20.55	21.5	0.5
10	64QAM	25	25	20.46	20.38	20.52	20.61	20.44		
10	64QAM	50	0	20.38	20.39	20.58	20.51	20.43		
10	256QAM	1	0	18.32	18.56	18.68	18.53	18.50		
10	256QAM	1	25	18.39	18.51	18.61	18.52	18.39	19.5	2.5
10	256QAM	1	49	18.47	18.51	18.60	18.62	18.43		
10	256QAM	25	0	18.48	18.56	18.66	18.51	18.71		
10	256QAM	25	12	18.36	18.51	18.57	18.65	18.54	19.5	2.5
10	256QAM	25	25	18.44	18.57	18.70	18.52	18.66		
10	256QAM	50	0	18.43	18.48	18.67	18.57	18.58		
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	21.21	21.36	21.38	21.36	21.29		
5	QPSK	1	12	21.16	21.21	21.37	21.26	21.23	22.00	0
5	QPSK	1	24	21.18	21.15	21.26	21.10	21.12		
5	QPSK	12	0	21.09	21.20	21.34	21.13	21.18		
5	QPSK	12	7	21.14	21.31	21.21	21.20	21.20	22	0
5	QPSK	12	13	21.14	21.16	21.30	21.26	21.24		
5	QPSK	25	0	21.12	21.22	21.34	21.09	21.21		
5	16QAM	1	0	21.32	21.18	21.32	21.34	21.35		
5	16QAM	1	12	21.14	21.17	21.23	21.17	21.15	22	0
5	16QAM	1	24	21.17	21.20	21.27	21.21	21.20		
5	16QAM	12	0	21.18	21.19	21.24	21.20	21.08		
5	16QAM	12	7	21.10	21.14	21.24	21.15	21.17	22	0
5	16QAM	12	13	21.13	21.23	21.32	21.18	21.17		
5	16QAM	25	0	21.19	21.05	21.28	21.23	21.14		
5	64QAM	1	0	21.24	21.10	21.18	21.17	21.08		
5	64QAM	1	12	21.28	21.26	21.39	21.25	21.24	22	0
5	64QAM	1	24	21.18	21.10	21.26	21.21	21.14		
5	64QAM	12	0	20.43	20.47	20.67	20.47	20.58		
5	64QAM	12	7	20.42	20.49	20.59	20.49	20.54	21.5	0.5
5	64QAM	12	13	20.40	20.36	20.64	20.54	20.45		
5	64QAM	25	0	20.39	20.51	20.55	20.43	20.45		
5	256QAM	1	0	18.33	18.62	18.70	18.55	18.47		
5	256QAM	1	12	18.41	18.53	18.63	18.52	18.45	19.5	2.5
5	256QAM	1	24	18.43	18.62	18.65	18.61	18.52		
5	256QAM	12	0	18.50	18.49	18.72	18.47	18.64		
5	256QAM	12	7	18.38	18.55	18.56	18.57	18.54	19.5	2.5
5	256QAM	12	13	18.46	18.48	18.72	18.54	18.68		
5	256QAM	25	0	18.37	18.49	18.65	18.48	18.54		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.06	19.21	19.12		
20	QPSK	1	49	19.14	19.18	19.11	20.2	0
20	QPSK	1	99	19.10	19.14	19.02		
20	QPSK	50	0	18.99	19.17	19.04		
20	QPSK	50	24	19.07	19.13	19.05	20.2	0
20	QPSK	50	50	19.03	19.10	19.06		
20	QPSK	100	0	19.00	19.10	19.01		
20	16QAM	1	0	19.06	19.19	19.00		
20	16QAM	1	49	19.08	19.14	19.16	20.2	0
20	16QAM	1	99	19.00	19.14	19.03		
20	16QAM	50	0	19.08	19.06	19.04		
20	16QAM	50	24	18.91	19.12	18.92	20.2	0
20	16QAM	50	50	19.04	19.19	18.99		
20	16QAM	100	0	19.03	19.08	19.14		
20	64QAM	1	0	18.92	19.13	18.96		
20	64QAM	1	49	19.06	19.07	18.98	20.2	0
20	64QAM	1	99	18.99	19.11	19.05		
20	64QAM	50	0	18.96	19.14	19.04		
20	64QAM	50	24	19.10	19.05	19.07	20.2	0
20	64QAM	50	50	19.01	19.05	18.97		
20	64QAM	100	0	19.02	19.09	18.97		
20	256QAM	1	0	18.98	19.13	18.98		
20	256QAM	1	49	19.02	19.14	19.00	20.2	0
20	256QAM	1	99	19.11	19.18	19.05		
20	256QAM	50	0	19.15	19.16	19.03		
20	256QAM	50	24	19.11	19.10	19.02	20.2	0
20	256QAM	50	50	19.06	19.11	18.99		
20	256QAM	100	0	19.02	19.16	18.94		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.95	19.08	18.95		
15	QPSK	1	37	19.10	19.05	19.04	20.2	0
15	QPSK	1	74	19.07	19.02	18.96		
15	QPSK	36	0	18.86	19.01	18.89		
15	QPSK	36	20	18.97	19.05	18.99	20.2	0
15	QPSK	36	39	18.99	19.03	18.99		
15	QPSK	75	0	18.97	19.04	18.84		
15	16QAM	1	0	18.93	19.15	18.91		
15	16QAM	1	37	18.99	19.02	19.12	20.2	0
15	16QAM	1	74	18.90	19.10	19.01		
15	16QAM	36	0	18.93	18.98	19.01		
15	16QAM	36	20	18.78	19.05	18.77	20.2	0
15	16QAM	36	39	18.91	19.13	18.91		
15	16QAM	75	0	18.96	18.99	19.05		
15	64QAM	1	0	18.76	18.99	18.86		
15	64QAM	1	37	18.92	18.98	18.87	20.2	0
15	64QAM	1	74	18.90	18.95	18.89		
15	64QAM	36	0	18.89	19.08	19.00		
15	64QAM	36	20	18.97	18.95	18.94	20.2	0
15	64QAM	36	39	18.90	19.00	18.85		
15	64QAM	75	0	18.93	18.92	18.94		
15	256QAM	1	0	18.92	19.10	18.84		
15	256QAM	1	37	18.91	19.05	18.86	20.2	0
15	256QAM	1	74	18.95	19.13	18.92		
15	256QAM	36	0	19.05	19.09	18.98		
15	256QAM	36	20	19.01	19.05	18.98	20.2	0
15	256QAM	36	39	18.99	19.04	18.82		
15	256QAM	75	0	18.99	19.11	18.83		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.91	19.17	19.07		
10	QPSK	1	25	19.00	19.09	19.04	20.2	0
10	QPSK	1	49	18.98	18.99	18.87		
10	QPSK	25	0	18.89	19.14	18.97		
10	QPSK	25	12	18.96	19.03	18.96	20.2	0
10	QPSK	25	25	18.86	19.01	19.04		
10	QPSK	50	0	18.90	19.07	18.92		
10	16QAM	1	0	18.99	19.02	18.90		
10	16QAM	1	25	18.91	19.08	19.01	20.2	0
10	16QAM	1	49	18.96	19.08	18.95		
10	16QAM	25	0	18.97	18.96	18.99		
10	16QAM	25	12	18.76	19.07	18.85	20.2	0
10	16QAM	25	25	18.93	19.04	18.89		
10	16QAM	50	0	18.98	18.93	19.08		
10	64QAM	1	0	18.83	19.08	18.82		
10	64QAM	1	25	18.96	18.92	18.96	20.2	0
10	64QAM	1	49	18.85	18.97	18.93		
10	64QAM	25	0	18.92	19.04	18.89		
10	64QAM	25	12	19.01	18.98	18.92	20.2	0
10	64QAM	25	25	18.96	18.96	18.82		
10	64QAM	50	0	18.88	18.98	18.82		
10	256QAM	1	0	18.86	18.98	18.94		
10	256QAM	1	25	18.85	19.09	18.86	20.2	0
10	256QAM	1	49	19.02	19.10	19.03		
10	256QAM	25	0	19.00	19.03	18.91		
10	256QAM	25	12	19.01	19.00	18.89	20.2	0
10	256QAM	25	25	19.03	18.98	18.84		
10	256QAM	50	0	18.93	19.12	18.89		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.00	19.16	19.08		
5	QPSK	1	12	19.11	19.02	19.08	20.2	0
5	QPSK	1	24	19.01	19.02	18.90		
5	QPSK	12	0	18.91	19.10	18.94		
5	QPSK	12	7	18.99	18.97	18.97	20.2	0
5	QPSK	12	13	19.01	18.93	19.00		
5	QPSK	25	0	18.86	19.06	18.98		
5	16QAM	1	0	18.96	19.14	18.84		
5	16QAM	1	12	19.00	19.01	19.09	20.2	0
5	16QAM	1	24	18.97	19.10	18.88		
5	16QAM	12	0	18.98	18.92	19.00		
5	16QAM	12	7	18.86	18.97	18.77	20.2	0
5	16QAM	12	13	18.94	19.10	18.86		
5	16QAM	25	0	19.01	18.92	19.01		
5	64QAM	1	0	18.80	19.09	18.89		
5	64QAM	1	12	18.98	18.95	18.87	20.2	0
5	64QAM	1	24	18.85	18.94	19.00		
5	64QAM	12	0	18.84	18.97	18.99		
5	64QAM	12	7	19.07	19.02	19.04	20.2	0
5	64QAM	12	13	18.85	19.03	18.94		
5	64QAM	25	0	18.87	18.97	18.94		
5	256QAM	1	0	18.87	19.01	18.86		
5	256QAM	1	12	19.00	19.04	18.90	20.2	0
5	256QAM	1	24	18.95	19.03	19.01		
5	256QAM	12	0	19.02	19.07	18.91		
5	256QAM	12	7	19.08	18.97	18.92	20.2	0
5	256QAM	12	13	18.95	19.03	18.96		
5	256QAM	25	0	18.95	19.05	18.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.97	25.11	24.87	25.7	0
20	QPSK	1	49	24.97	25.04	25.04		
20	QPSK	1	99	24.94	25.02	24.97		
20	QPSK	50	0	24.00	24.16	24.06	24.7	1
20	QPSK	50	24	23.98	24.08	23.99		
20	QPSK	50	50	24.03	24.05	24.03		
20	QPSK	100	0	23.93	24.10	23.99		
20	16QAM	1	0	24.21	24.24	24.22	24.7	1
20	16QAM	1	49	23.95	24.12	24.08		
20	16QAM	1	99	23.97	24.10	23.95		
20	16QAM	50	0	22.98	23.17	23.02	23.7	2
20	16QAM	50	24	23.01	23.05	23.12		
20	16QAM	50	50	23.03	23.11	23.07		
20	16QAM	100	0	22.99	23.07	23.03		
20	64QAM	1	0	23.21	23.26	23.23	23.7	2
20	64QAM	1	49	23.03	23.14	22.96		
20	64QAM	1	99	22.93	23.09	23.07		
20	64QAM	50	0	22.07	22.18	22.06	22.7	3
20	64QAM	50	24	21.97	22.03	22.10		
20	64QAM	50	50	21.96	22.10	22.05		
20	64QAM	100	0	22.03	22.15	22.10		
20	256QAM	1	0	19.95	20.08	20.04	20.7	5
20	256QAM	1	49	19.96	20.18	20.06		
20	256QAM	1	99	20.01	20.19	20.02		
20	256QAM	50	0	20.00	20.19	20.07	20.7	5
20	256QAM	50	24	19.98	20.15	20.03		
20	256QAM	50	50	20.08	20.06	20.00		
20	256QAM	100	0	20.04	20.17	20.07		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.89	25.07	24.81	25.7	0
15	QPSK	1	37	24.89	24.93	24.93		
15	QPSK	1	74	24.86	24.94	24.83		
15	QPSK	36	0	23.90	24.04	23.99	24.7	1
15	QPSK	36	20	23.88	24.06	23.85		
15	QPSK	36	39	23.91	24.01	23.93		
15	QPSK	75	0	23.80	24.00	23.87		
15	16QAM	1	0	24.13	24.13	24.13	24.7	1
15	16QAM	1	37	23.90	24.12	23.96		
15	16QAM	1	74	23.83	24.00	23.92		
15	16QAM	36	0	22.95	23.07	22.92	23.7	2
15	16QAM	36	20	22.88	22.98	23.08		
15	16QAM	36	39	23.03	23.04	22.97		
15	16QAM	75	0	22.95	22.95	22.91		
15	64QAM	1	0	23.20	23.12	23.10	23.7	2
15	64QAM	1	37	22.97	23.12	22.81		
15	64QAM	1	74	22.85	22.94	22.94		
15	64QAM	36	0	22.01	22.11	21.95	22.7	3
15	64QAM	36	20	21.95	21.95	22.00		
15	64QAM	36	39	21.88	21.97	21.92		
15	64QAM	75	0	21.95	22.03	22.00		
15	256QAM	1	0	19.94	20.07	19.97	20.7	5
15	256QAM	1	37	19.87	20.17	20.00		
15	256QAM	1	74	19.90	20.09	19.89		
15	256QAM	36	0	19.93	20.19	19.95	20.7	5
15	256QAM	36	20	19.88	20.03	19.97		
15	256QAM	36	39	19.99	20.03	19.98		
15	256QAM	75	0	19.99	20.02	19.96		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.92	25.02	24.80	25.7	0
10	QPSK	1	25	24.82	24.99	24.92		
10	QPSK	1	49	24.91	25.00	24.82		
10	QPSK	25	0	23.92	24.03	24.04	24.7	1
10	QPSK	25	12	23.98	24.06	23.97		
10	QPSK	25	25	23.97	23.94	24.01		
10	QPSK	50	0	23.79	23.96	23.97		
10	16QAM	1	0	24.11	24.22	24.13	24.7	1
10	16QAM	1	25	23.87	24.10	23.93		
10	16QAM	1	49	23.85	24.07	23.84		
10	16QAM	25	0	22.89	23.10	22.93	23.7	2
10	16QAM	25	12	22.97	22.97	23.01		
10	16QAM	25	25	22.99	23.05	22.93		
10	16QAM	50	0	22.93	23.05	23.00		
10	64QAM	1	0	23.14	23.16	23.17	23.7	2
10	64QAM	1	25	22.92	23.10	22.87		
10	64QAM	1	49	22.87	23.07	22.94		
10	64QAM	25	0	21.93	22.07	21.98	22.7	3
10	64QAM	25	12	21.89	22.02	22.03		
10	64QAM	25	25	21.91	22.01	21.99		
10	64QAM	50	0	21.91	22.02	21.98		
10	256QAM	1	0	19.87	19.94	19.99	20.7	5
10	256QAM	1	25	19.91	20.05	19.99		
10	256QAM	1	49	19.87	20.19	20.00		
10	256QAM	25	0	19.93	20.06	19.94	20.7	5
10	256QAM	25	12	19.83	20.12	19.89		
10	256QAM	25	25	19.94	19.92	19.89		
10	256QAM	50	0	20.00	20.10	20.05		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.83	25.06	24.83	25.7	0
5	QPSK	1	12	24.88	25.00	24.99		
5	QPSK	1	24	24.90	24.98	24.93		
5	QPSK	12	0	24.00	24.02	23.98	24.7	1
5	QPSK	12	7	23.94	23.94	23.98		
5	QPSK	12	13	24.00	24.04	23.92		
5	QPSK	25	0	23.88	23.98	23.94		
5	16QAM	1	0	24.14	24.09	24.20	24.7	1
5	16QAM	1	12	23.81	24.07	24.07		
5	16QAM	1	24	23.84	24.04	23.93		
5	16QAM	12	0	22.85	23.10	23.00	23.7	2
5	16QAM	12	7	22.94	22.99	22.97		
5	16QAM	12	13	22.92	23.07	22.98		
5	16QAM	25	0	22.98	22.96	22.93		
5	64QAM	1	0	23.06	23.22	23.19	23.7	2
5	64QAM	1	12	22.97	23.00	22.91		
5	64QAM	1	24	22.89	22.98	22.97		
5	64QAM	12	0	22.02	22.05	22.03	22.7	3
5	64QAM	12	7	21.88	21.92	21.97		
5	64QAM	12	13	21.92	22.09	22.04		
5	64QAM	25	0	22.00	22.10	22.03		
5	256QAM	1	0	19.90	19.94	19.90	20.7	5
5	256QAM	1	12	19.95	20.15	20.03		
5	256QAM	1	24	19.87	20.10	19.94		
5	256QAM	12	0	19.87	20.14	20.03	20.7	5
5	256QAM	12	7	19.89	20.09	19.93		
5	256QAM	12	13	19.93	20.03	19.85		
5	256QAM	25	0	19.97	20.10	20.02		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.32	18.53	18.45		
20	QPSK	1	49	18.38	18.50	18.37	19.2	0
20	QPSK	1	99	18.31	18.43	18.36		
20	QPSK	50	0	18.30	18.49	18.42		
20	QPSK	50	24	18.37	18.42	18.31	19.2	0
20	QPSK	50	50	18.36	18.44	18.35		
20	QPSK	100	0	18.26	18.47	18.37		
20	16QAM	1	0	18.35	18.42	18.28		
20	16QAM	1	49	18.23	18.36	18.28	19.2	0
20	16QAM	1	99	18.24	18.31	18.21		
20	16QAM	50	0	18.39	18.46	18.34		
20	16QAM	50	24	18.32	18.40	18.26	19.2	0
20	16QAM	50	50	18.25	18.35	18.27		
20	16QAM	100	0	18.36	18.49	18.43		
20	64QAM	1	0	18.37	18.50	18.43		
20	64QAM	1	49	18.39	18.46	18.37	19.2	0
20	64QAM	1	99	18.28	18.42	18.32		
20	64QAM	50	0	18.37	18.51	18.38		
20	64QAM	50	24	18.36	18.43	18.31	19.2	0
20	64QAM	50	50	18.41	18.47	18.40		
20	64QAM	100	0	18.40	18.46	18.34		
20	256QAM	1	0	18.33	18.43	18.31		
20	256QAM	1	49	18.30	18.38	18.29	19.2	0
20	256QAM	1	99	18.19	18.32	18.18		
20	256QAM	50	0	18.38	18.45	18.41		
20	256QAM	50	24	18.17	18.32	18.28	19.2	0
20	256QAM	50	50	18.29	18.41	18.34		
20	256QAM	100	0	18.38	18.48	18.37		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.18	18.42	18.34		
15	QPSK	1	37	18.27	18.37	18.32	19.2	0
15	QPSK	1	74	18.23	18.30	18.26		
15	QPSK	36	0	18.19	18.42	18.29		
15	QPSK	36	20	18.22	18.29	18.20	19.2	0
15	QPSK	36	39	18.28	18.34	18.24		
15	QPSK	75	0	18.14	18.39	18.28		
15	16QAM	1	0	18.26	18.36	18.24		
15	16QAM	1	37	18.11	18.33	18.17	19.2	0
15	16QAM	1	74	18.20	18.24	18.16		
15	16QAM	36	0	18.27	18.39	18.27		
15	16QAM	36	20	18.25	18.32	18.20	19.2	0
15	16QAM	36	39	18.13	18.23	18.23		
15	16QAM	75	0	18.24	18.34	18.38		
15	64QAM	1	0	18.34	18.47	18.38		
15	64QAM	1	37	18.25	18.33	18.22	19.2	0
15	64QAM	1	74	18.22	18.30	18.23		
15	64QAM	36	0	18.29	18.40	18.24		
15	64QAM	36	20	18.22	18.33	18.25	19.2	0
15	64QAM	36	39	18.36	18.40	18.36		
15	64QAM	75	0	18.31	18.39	18.22		
15	256QAM	1	0	18.27	18.32	18.24		
15	256QAM	1	37	18.16	18.29	18.20	19.2	0
15	256QAM	1	74	18.09	18.27	18.07		
15	256QAM	36	0	18.26	18.35	18.36		
15	256QAM	36	20	18.07	18.25	18.16	19.2	0
15	256QAM	36	39	18.16	18.37	18.20		
15	256QAM	75	0	18.25	18.37	18.25		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.25	18.48	18.41		
10	QPSK	1	25	18.30	18.46	18.34	19.2	0
10	QPSK	1	49	18.19	18.29	18.22		
10	QPSK	25	0	18.25	18.40	18.30		
10	QPSK	25	12	18.25	18.35	18.22	19.2	0
10	QPSK	25	25	18.24	18.37	18.29		
10	QPSK	50	0	18.21	18.44	18.29		
10	16QAM	1	0	18.32	18.34	18.20		
10	16QAM	1	25	18.12	18.21	18.16	19.2	0
10	16QAM	1	49	18.11	18.26	18.14		
10	16QAM	25	0	18.33	18.34	18.22		
10	16QAM	25	12	18.27	18.32	18.13	19.2	0
10	16QAM	25	25	18.21	18.25	18.16		
10	16QAM	50	0	18.29	18.37	18.37		
10	64QAM	1	0	18.26	18.44	18.33		
10	64QAM	1	25	18.26	18.37	18.23	19.2	0
10	64QAM	1	49	18.22	18.37	18.21		
10	64QAM	25	0	18.26	18.44	18.32		
10	64QAM	25	12	18.26	18.36	18.18	19.2	0
10	64QAM	25	25	18.29	18.39	18.28		
10	64QAM	50	0	18.32	18.36	18.31		
10	256QAM	1	0	18.28	18.28	18.17		
10	256QAM	1	25	18.23	18.34	18.19	19.2	0
10	256QAM	1	49	18.15	18.17	18.04		
10	256QAM	25	0	18.31	18.34	18.29		
10	256QAM	25	12	18.07	18.22	18.13	19.2	0
10	256QAM	25	25	18.23	18.29	18.26		
10	256QAM	50	0	18.26	18.40	18.27		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.25	18.48	18.41		
5	QPSK	1	12	18.30	18.46	18.34	19.2	0
5	QPSK	1	24	18.19	18.29	18.22		
5	QPSK	12	0	18.25	18.40	18.30		
5	QPSK	12	7	18.25	18.35	18.22	19.2	0
5	QPSK	12	13	18.24	18.37	18.29		
5	QPSK	25	0	18.21	18.44	18.29		
5	16QAM	1	0	18.32	18.34	18.20		
5	16QAM	1	12	18.12	18.21	18.16	19.2	0
5	16QAM	1	24	18.11	18.26	18.14		
5	16QAM	12	0	18.33	18.34	18.22		
5	16QAM	12	7	18.27	18.32	18.13	19.2	0
5	16QAM	12	13	18.21	18.25	18.16		
5	16QAM	25	0	18.29	18.37	18.37		
5	64QAM	1	0	18.26	18.44	18.33		
5	64QAM	1	12	18.26	18.37	18.23	19.2	0
5	64QAM	1	24	18.22	18.37	18.21		
5	64QAM	12	0	18.26	18.44	18.32		
5	64QAM	12	7	18.26	18.36	18.18	19.2	0
5	64QAM	12	13	18.29	18.39	18.28		
5	64QAM	25	0	18.32	18.36	18.31		
5	256QAM	1	0	18.28	18.28	18.17		
5	256QAM	1	12	18.23	18.34	18.19	19.2	0
5	256QAM	1	24	18.15	18.17	18.04		
5	256QAM	12	0	18.31	18.34	18.29		
5	256QAM	12	7	18.07	18.22	18.13	19.2	0
5	256QAM	12	13	18.23	18.29	18.26		
5	256QAM	25	0	18.26	18.40	18.27		

Reduced Power Mode for DSI 1_ENDC

Band 12 Ant1 DSI1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.56	21.79	21.58	23	0
10	QPSK	1	25	21.62	21.63	21.65		
10	QPSK	1	49	21.42	21.71	21.50		
10	QPSK	25	0	21.62	21.74	21.54	23	0
10	QPSK	25	12	21.56	21.68	21.59		
10	QPSK	25	25	21.53	21.41	21.51		
10	QPSK	50	0	21.41	21.54	21.43		
10	16QAM	1	0	21.56	21.72	21.65	23	0
10	16QAM	1	25	21.60	21.73	21.68		
10	16QAM	1	49	21.46	21.62	21.45		
10	16QAM	25	0	21.67	21.68	21.60	23	0
10	16QAM	25	12	21.68	21.67	21.42		
10	16QAM	25	25	21.52	21.53	21.55		
10	16QAM	50	0	21.43	21.56	21.63		
10	64QAM	1	0	21.63	21.69	21.67	23	0
10	64QAM	1	25	21.58	21.62	21.48		
10	64QAM	1	49	21.38	21.68	21.58		
10	64QAM	25	0	20.54	20.77	20.60	22.5	0.5
10	64QAM	25	12	20.50	20.59	20.58		
10	64QAM	25	25	20.55	20.56	20.69		
10	64QAM	50	0	20.53	20.69	20.58		
10	256QAM	1	0	19.02	19.06	19.18	20.5	2.5
10	256QAM	1	25	19.13	19.11	19.13		
10	256QAM	1	49	18.97	19.00	19.22		
10	256QAM	25	0	19.17	19.14	19.03	20.5	2.5
10	256QAM	25	12	18.91	19.01	19.00		
10	256QAM	25	25	19.08	19.26	19.02		
10	256QAM	50	0	18.97	19.20	19.13		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.58	21.73	21.55	23	0
5	QPSK	1	12	21.57	21.49	21.51		
5	QPSK	1	24	21.58	21.64	21.56		
5	QPSK	12	0	21.68	21.70	21.41	23	0
5	QPSK	12	7	21.47	21.59	21.57		
5	QPSK	12	13	21.60	21.49	21.61		
5	QPSK	25	0	21.28	21.65	21.62		
5	16QAM	1	0	21.56	21.72	21.60	23	0
5	16QAM	1	12	21.46	21.55	21.61		
5	16QAM	1	24	21.51	21.54	21.44		
5	16QAM	12	0	21.67	21.72	21.67	23	0
5	16QAM	12	7	21.55	21.53	21.39		
5	16QAM	12	13	21.66	21.58	21.46		
5	16QAM	25	0	21.40	21.53	21.67		
5	64QAM	1	0	21.52	21.72	21.67	23	0
5	64QAM	1	12	21.49	21.65	21.54		
5	64QAM	1	24	21.38	21.74	21.71		
5	64QAM	12	0	21.12	21.17	21.03	22.5	0.5
5	64QAM	12	7	20.97	20.98	20.79		
5	64QAM	12	13	20.89	21.25	21.08		
5	64QAM	25	0	20.86	21.13	20.92		
5	256QAM	1	0	18.97	18.95	19.15	20.5	2.5
5	256QAM	1	12	18.97	18.95	19.10		
5	256QAM	1	24	19.20	19.13	19.35		
5	256QAM	12	0	19.19	19.24	18.95	20.5	2.5
5	256QAM	12	7	18.97	19.01	19.12		
5	256QAM	12	13	19.25	19.11	19.31		
5	256QAM	25	0	18.83	19.20	19.08		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.62	21.71	21.52	23	0
3	QPSK	1	8	21.43	21.55	21.72		
3	QPSK	1	14	21.37	21.64	21.46		
3	QPSK	8	0	21.51	21.73	21.34	23	0
3	QPSK	8	4	21.39	21.61	21.60		
3	QPSK	8	7	21.55	21.70	21.36		
3	QPSK	15	0	21.38	21.64	21.50		
3	16QAM	1	0	21.69	21.73	21.60	23	0
3	16QAM	1	8	21.58	21.64	21.65		
3	16QAM	1	14	21.72	21.77	21.63		
3	16QAM	8	0	21.73	21.67	21.44	23	0
3	16QAM	8	4	21.45	21.61	21.38		
3	16QAM	8	7	21.60	21.69	21.60		
3	16QAM	15	0	21.45	21.76	21.78		
3	64QAM	1	0	21.72	21.76	21.59	23	0
3	64QAM	1	8	21.41	21.69	21.57		
3	64QAM	1	14	21.43	21.54	21.73		
3	64QAM	8	0	21.03	21.34	21.04	22.5	0.5
3	64QAM	8	4	21.10	21.24	21.08		
3	64QAM	8	7	21.06	21.20	21.08		
3	64QAM	15	0	21.00	21.23	21.03		
3	256QAM	1	0	19.02	19.14	18.93	20.5	2.5
3	256QAM	1	8	19.25	19.18	19.12		
3	256QAM	1	14	19.11	19.34	19.15		
3	256QAM	8	0	19.02	19.18	19.01	20.5	2.5
3	256QAM	8	4	19.01	19.21	19.08		
3	256QAM	8	7	19.26	19.27	18.89		
3	256QAM	15	0	18.99	18.93	19.09		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.71	21.56	21.55	23	0
1.4	QPSK	1	3	21.52	21.64	21.54		
1.4	QPSK	1	5	21.45	21.76	21.45		
1.4	QPSK	3	0	21.57	21.78	21.44		
1.4	QPSK	3	1	21.59	21.68	21.47		
1.4	QPSK	3	3	21.56	21.42	21.61		
1.4	QPSK	6	0	21.31	21.49	21.44	23	0
1.4	16QAM	1	0	21.75	21.72	21.70	23	0
1.4	16QAM	1	3	21.38	21.73	21.75		
1.4	16QAM	1	5	21.42	21.52	21.68		
1.4	16QAM	3	0	21.70	21.69	21.56		
1.4	16QAM	3	1	21.60	21.65	21.45		
1.4	16QAM	3	3	21.51	21.61	21.38		
1.4	16QAM	6	0	21.47	21.71	21.59	23	0
1.4	64QAM	1	0	21.57	21.71	21.61	23	0
1.4	64QAM	1	3	21.37	21.58	21.74		
1.4	64QAM	1	5	21.55	21.72	21.63		
1.4	64QAM	3	0	21.66	21.53	21.74		
1.4	64QAM	3	1	21.37	21.47	21.54		
1.4	64QAM	3	3	21.60	21.68	21.62		
1.4	64QAM	6	0	21.17	21.00	20.94	22.5	0.5
1.4	256QAM	1	0	19.05	19.10	19.10	20.5	2.5
1.4	256QAM	1	3	19.16	19.29	19.20		
1.4	256QAM	1	5	19.02	19.15	19.16		
1.4	256QAM	3	0	18.87	19.21	19.06		
1.4	256QAM	3	1	19.02	19.12	19.23		
1.4	256QAM	3	3	19.12	19.16	18.93		
1.4	256QAM	6	0	18.99	19.23	18.93	20.5	2.5

Band 17 Ant1 DSI1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.64	21.77	21.67	22.5	0
10	QPSK	1	25	21.48	21.64	21.52		
10	QPSK	1	49	21.54	21.73	21.63		
10	QPSK	25	0	21.43	21.68	21.52	22.5	0
10	QPSK	25	12	21.58	21.52	21.57		
10	QPSK	25	25	21.63	21.56	21.46		
10	QPSK	50	0	21.38	21.63	21.48		
10	16QAM	1	0	21.70	21.67	21.67	22.5	0
10	16QAM	1	25	21.66	21.65	21.43		
10	16QAM	1	49	21.62	21.54	21.53		
10	16QAM	25	0	21.39	21.73	21.61	22.5	0
10	16QAM	25	12	21.41	21.66	21.58		
10	16QAM	25	25	21.56	21.63	21.47		
10	16QAM	50	0	21.54	21.44	21.48		
10	64QAM	1	0	21.60	21.62	21.67	22.5	0
10	64QAM	1	25	21.66	21.56	21.66		
10	64QAM	1	49	21.56	21.70	21.64		
10	64QAM	25	0	21.09	21.20	21.06	22	0.5
10	64QAM	25	12	21.00	21.16	21.01		
10	64QAM	25	25	20.94	21.21	20.97		
10	64QAM	50	0	20.98	21.02	21.03		
10	256QAM	1	0	18.90	19.03	19.18	20	2.5
10	256QAM	1	25	19.00	19.19	18.94		
10	256QAM	1	49	19.04	19.19	19.11		
10	256QAM	25	0	18.91	19.18	19.11	20	2.5
10	256QAM	25	12	18.95	19.07	19.01		
10	256QAM	25	25	19.02	19.03	19.14		
10	256QAM	50	0	18.91	19.12	18.99		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.47	21.75	21.70	22.5	0
5	QPSK	1	12	21.56	21.53	21.46		
5	QPSK	1	24	21.45	21.60	21.45		
5	QPSK	12	0	21.40	21.70	21.49	22.5	0
5	QPSK	12	7	21.59	21.62	21.50		
5	QPSK	12	13	21.31	21.44	21.46		
5	QPSK	25	0	21.48	21.44	21.47		
5	16QAM	1	0	21.43	21.43	21.72	22.5	0
5	16QAM	1	12	21.46	21.61	21.39		
5	16QAM	1	24	21.51	21.46	21.44		
5	16QAM	12	0	21.28	21.43	21.51	22.5	0
5	16QAM	12	7	21.43	21.54	21.46		
5	16QAM	12	13	21.44	21.37	21.48		
5	16QAM	25	0	21.39	21.49	21.45		
5	64QAM	1	0	21.41	21.59	21.52	22.5	0
5	64QAM	1	12	21.61	21.62	21.54		
5	64QAM	1	24	21.41	21.55	21.62		
5	64QAM	12	0	21.03	21.11	21.04	22	0.5
5	64QAM	12	7	20.94	21.18	20.94		
5	64QAM	12	13	20.90	20.92	20.87		
5	64QAM	25	0	20.92	20.96	20.95		
5	256QAM	1	0	18.94	18.94	18.97	20	2.5
5	256QAM	1	12	18.90	19.09	18.89		
5	256QAM	1	24	18.91	18.93	18.92		
5	256QAM	12	0	18.73	19.03	19.02	20	2.5
5	256QAM	12	7	18.86	18.91	18.83		
5	256QAM	12	13	18.98	19.16	19.05		
5	256QAM	25	0	18.92	18.95	18.89		

Band 2 Ant 4 for ENDC

BW [MHz]	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)				1880	1880	1900		
20	QPSK	1	0	18.89	19.15	18.96		
20	QPSK	1	49	18.84	19.01	18.85	20.5	0
20	QPSK	1	99	18.87	18.95	18.85		
20	QPSK	50	0	18.84	18.94	18.88		
20	QPSK	50	24	18.73	18.84	18.70	20.5	0
20	QPSK	50	50	18.61	18.89	18.65		
20	QPSK	100	0	18.77	18.89	18.68		
20	16QAM	1	0	18.84	18.99	18.69		
20	16QAM	1	49	18.56	18.64	18.63	20.5	0
20	16QAM	1	99	18.57	18.79	18.81		
20	16QAM	50	0	18.77	18.78	18.59		
20	16QAM	50	24	18.61	18.82	18.77	20.5	0
20	16QAM	50	50	18.65	18.85	18.65		
20	16QAM	100	0	18.66	18.93	18.76		
20	64QAM	1	0	18.66	18.83	18.94		
20	64QAM	1	49	18.82	18.81	18.66	20.5	0
20	64QAM	1	99	18.62	18.88	18.78		
20	64QAM	50	0	18.60	18.93	18.76		
20	64QAM	50	24	18.53	18.78	18.80	20.5	0
20	64QAM	50	50	18.71	18.91	18.82		
20	64QAM	100	0	18.63	18.79	18.53		
20	256QAM	1	0	18.10	18.22	18.04		
20	256QAM	1	49	18.34	18.12	18.32	19.5	1
20	256QAM	1	99	18.14	18.28	18.07		
20	256QAM	50	0	18.13	18.43	18.16		
20	256QAM	50	24	18.26	18.28	18.14	19.5	1
20	256QAM	50	50	18.26	18.09	18.06		
20	256QAM	100	0	18.00	18.18	18.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.62	18.88	18.83		
15	QPSK	1	37	18.60	18.70	18.60	20.5	0
15	QPSK	1	74	18.55	18.62	18.67		
15	QPSK	36	0	18.63	18.74	18.80		
15	QPSK	36	20	18.69	18.73	18.67	20.5	0
15	QPSK	36	39	18.57	18.80	18.61		
15	QPSK	75	0	18.65	18.85	18.69		
15	16QAM	1	0	18.78	18.84	18.73		
15	16QAM	1	37	18.66	18.64	18.50	20.5	0
15	16QAM	1	74	18.62	18.69	18.63		
15	16QAM	36	0	18.60	18.80	18.64		
15	16QAM	36	20	18.59	18.63	18.67	20.5	0
15	16QAM	36	39	18.52	18.75	18.60		
15	16QAM	75	0	18.55	18.57	18.54		
15	64QAM	1	0	18.66	18.66	18.77		
15	64QAM	1	37	18.62	18.62	18.63	20.5	0
15	64QAM	1	74	18.73	18.84	18.69		
15	64QAM	36	0	18.53	18.69	18.52		
15	64QAM	36	20	18.66	18.57	18.55	20.5	0
15	64QAM	36	39	18.58	18.84	18.79		
15	64QAM	75	0	18.52	18.72	18.54		
15	256QAM	1	0	18.18	18.10	18.13		
15	256QAM	1	37	18.05	18.19	18.22	19.5	1
15	256QAM	1	74	18.05	18.05	18.13		
15	256QAM	36	0	18.08	18.17	18.16		
15	256QAM	36	20	18.19	18.11	18.34	19.5	1
15	256QAM	36	39	18.16	17.98	18.13		
15	256QAM	75	0	18.29	18.21	18.15		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.81	18.79	18.89		
10	QPSK	1	25	18.69	18.76	18.55	20.5	0
10	QPSK	1	49	18.51	18.58	18.62		
10	QPSK	25	0	18.72	18.67	18.72		
10	QPSK	25	12	18.74	18.59	18.82	20.5	0
10	QPSK	25	25	18.78	18.91	18.70		
10	QPSK	50	0	18.74	18.80	18.57		
10	16QAM	1	0	18.59	18.65	18.67		
10	16QAM	1	25	18.63	18.66	18.60	20.5	0
10	16QAM	1	49	18.65	18.60	18.72		
10	16QAM	25	0	18.77	18.81	18.61		
10	16QAM	25	12	18.57	18.83	18.60	20.5	0
10	16QAM	25	25	18.56	18.82	18.67		
10	16QAM	50	0	18.52	18.82	18.65		
10	64QAM	1	0	18.82	18.97	18.63		
10	64QAM	1	25	18.84	18.75	18.70	20.5	0
10	64QAM	1	49	18.72	18.65	18.79		
10	64QAM	25	0	18.62	18.70	18.71		
10	64QAM	25	12	18.62	18.68	18.65	20.5	0
10	64QAM	25	25	18.62	18.79	18.68		
10	64QAM	50	0	18.62	18.72	18.65		
10	256QAM	1	0	18.12	18.11	18.00		
10	256QAM	1	25	18.23	18.28	18.18	19.5	1
10	256QAM	1	49	18.01	18.19	18.04		
10	256QAM	25	0	18.22	18.14	18.18		
10	256QAM	25	12	18.25	18.18	18.09	19.5	1
10	256QAM	25	25	18.21	18.04	18.16		
10	256QAM	50	0	18.02	18.04	18.08		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.75	18.80	18.84		
5	QPSK	1	12	18.65	18.79	18.54	20.5	0
5	QPSK	1	24	18.54	18.60	18.66		
5	QPSK	12	0	18.64	18.74	18.76		
5	QPSK	12	7	18.73	18.61	18.77	20.5	0
5	QPSK	12	13	18.82	18.89	18.69		
5	QPSK	25	0	18.72	18.76	18.58		
5	16QAM	1	0	18.64	18.66	18.69		
5	16QAM	1	12	18.64	18.62	18.63	20.5	0
5	16QAM	1	24	18.56	18.67	18.70		
5	16QAM	12	0	18.70	18.81	18.65		
5	16QAM	12	7	18.57	18.77	18.69	20.5	0
5	16QAM	12	13	18.61	18.79	18.75		
5	16QAM	25	0	18.53	18.74	18.59		
5	64QAM	1	0	18.81	18.91	18.72		
5	64QAM	1	12	18.75	18.82	18.67	20.5	0
5	64QAM	1	24	18.68	18.67	18.77		
5	64QAM	12	0	18.61	18.71	18.79		
5	64QAM	12	7	18.62	18.65	18.60	20.5	0
5	64QAM	12	13	18.62	18.82	18.68		
5	64QAM	25	0	18.61	18.73	18.72		
5	256QAM	1	0	18.05	18.04	18.03		
5	256QAM	1	12	18.22	18.37	18.18	19.5	1
5	256QAM	1	24	17.98	18.24	17.97		
5	256QAM	12	0	18.22	18.22	18.17		
5	256QAM	12	7	18.21	18.22	18.02	19.5	1
5	256QAM	12	13	18.16	17.96	18.16		
5	256QAM	25	0	17.95	18.06	18.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.69	18.81	18.88		
3	QPSK	1	8	18.74	18.80	18.67	20.5	0
3	QPSK	1	14	18.59	18.67	18.50		
3	QPSK	8	0	18.61	18.81	18.69		
3	QPSK	8	4	18.64	18.71	18.82	20.5	0
3	QPSK	8	7	18.78	18.74	18.65		
3	QPSK	15	0	18.71	18.77	18.57		
3	16QAM	1	0	18.71	18.77	18.69		
3	16QAM	1	8	18.59	18.65	18.59	20.5	0
3	16QAM	1	14	18.53	18.62	18.69		
3	16QAM	8	0	18.64	18.78	18.66		
3	16QAM	8	4	18.64	18.60	18.55	20.5	0
3	16QAM	8	7	18.69	18.70	18.71		
3	16QAM	15	0	18.56	18.61	18.52		
3	64QAM	1	0	18.58	18.90	18.68		
3	64QAM	1	8	18.62	18.71	18.70	20.5	0
3	64QAM	1	14	18.59	18.92	18.66		
3	64QAM	8	0	18.65	18.63	18.74		
3	64QAM	8	4	18.56	18.50	18.62	20.5	0
3	64QAM	8	7	18.57	18.74	18.68		
3	64QAM	15	0	18.58	18.81	18.74		
3	256QAM	1	0	17.98	18.06	18.23		
3	256QAM	1	8	18.07	18.20	18.16	19.5	1
3	256QAM	1	14	18.08	18.40	18.01		
3	256QAM	8	0	18.19	18.43	18.20		
3	256QAM	8	4	18.15	18.18	18.14	19.5	1
3	256QAM	8	7	18.16	18.06	18.09		
3	256QAM	15	0	18.12	18.17	18.08		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.82	18.79	18.80		
1.4	QPSK	1	3	18.80	18.93	18.76		
1.4	QPSK	1	5	18.51	18.65	18.69	20.5	0
1.4	QPSK	3	0	18.63	18.92	18.76		
1.4	QPSK	3	1	18.52	18.63	18.67		
1.4	QPSK	3	3	18.79	18.68	18.72		
1.4	QPSK	6	0	18.78	18.70	18.59	20.5	0
1.4	16QAM	1	0	18.83	18.77	18.74		
1.4	16QAM	1	3	18.58	18.67	18.62		
1.4	16QAM	1	5	18.59	18.78	18.75	20.5	0
1.4	16QAM	3	0	18.54	18.76	18.57		
1.4	16QAM	3	1	18.54	18.84	18.70		
1.4	16QAM	3	3	18.51	18.71	18.63		
1.4	16QAM	6	0	18.62	18.77	18.62	20.5	0
1.4	64QAM	1	0	18.62	18.89	18.67		
1.4	64QAM	1	3	18.61	18.67	18.71		
1.4	64QAM	1	5	18.58	18.71	18.69	20.5	0
1.4	64QAM	3	0	18.65	18.89	18.78		
1.4	64QAM	3	1	18.59	18.79	18.85		
1.4	64QAM	3	3	18.57	18.84	18.59		
1.4	64QAM	6	0	18.56	18.80	18.61	20.5	0
1.4	256QAM	1	0	18.14	18.13	18.10		
1.4	256QAM	1	3	18.16	18.18	18.03		
1.4	256QAM	1	5	18.10	18.04	18.16	19.5	1
1.4	256QAM	3	0	18.06	18.09	18.23		
1.4	256QAM	3	1	18.10	18.24	18.22		
1.4	256QAM	3	3	18.10	18.13	18.15		
1.4	256QAM	6	0	18.04	18.11	18.05	19.5	1

Band 4 Ant4 DSI1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.53	18.91	18.74		
20	QPSK	1	49	18.73	18.57	18.50	20.5	0
20	QPSK	1	99	18.74	18.67	18.80		
20	QPSK	50	0	18.55	18.88	18.60		
20	QPSK	50	24	18.70	18.56	18.76	20.5	0
20	QPSK	50	50	18.54	18.64	18.70		
20	QPSK	100	0	18.59	18.64	18.56		
20	16QAM	1	0	18.77	18.76	18.79		
20	16QAM	1	49	18.67	18.67	18.63	20.5	0
20	16QAM	1	99	18.56	18.65	18.56		
20	16QAM	50	0	18.54	18.77	18.80		
20	16QAM	50	24	18.60	18.51	18.59	20.5	0
20	16QAM	50	50	18.69	18.51	18.55		
20	16QAM	100	0	18.69	18.83	18.55		
20	64QAM	1	0	18.79	18.76	18.62		
20	64QAM	1	49	18.76	18.73	18.62	20.5	0
20	64QAM	1	99	18.72	18.71	18.70		
20	64QAM	50	0	18.63	18.80	18.84		
20	64QAM	50	24	18.68	18.56	18.57	20.5	0
20	64QAM	50	50	18.86	18.50	18.72		
20	64QAM	100	0	18.54	18.77	18.53		
20	256QAM	1	0	17.66	17.70	17.73		
20	256QAM	1	49	17.57	17.52	17.62	19.5	1
20	256QAM	1	99	17.58	17.73	17.67		
20	256QAM	50	0	17.66	17.77	17.84		
20	256QAM	50	24	17.68	17.86	17.60	19.5	1
20	256QAM	50	50	17.58	17.70	17.59		
20	256QAM	100	0	17.69	17.73	17.68		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.57	18.63	18.68		
15	QPSK	1	37	18.51	18.68	18.74	20.5	0
15	QPSK	1	74	18.58	18.76	18.70		
15	QPSK	36	0	18.51	18.71	18.60		
15	QPSK	36	20	18.64	18.67	18.64	20.5	0
15	QPSK	36	39	18.56	18.87	18.51		
15	QPSK	75	0	18.66	18.69	18.62		
15	16QAM	1	0	18.65	18.54	18.56		
15	16QAM	1	37	18.62	18.61	18.60	20.5	0
15	16QAM	1	74	18.52	18.61	18.53		
15	16QAM	36	0	18.60	18.53	18.59		
15	16QAM	36	20	18.59	18.67	18.61	20.5	0
15	16QAM	36	39	18.66	18.55	18.57		
15	16QAM	75	0	18.57	18.66	18.66		
15	64QAM	1	0	18.57	18.79	18.80		
15	64QAM	1	37	18.67	18.71	18.57	20.5	0
15	64QAM	1	74	18.60	18.54	18.76		
15	64QAM	36	0	18.54	18.71	18.76		
15	64QAM	36	20	18.54	18.58	18.55	20.5	0
15	64QAM	36	39	18.56	18.70	18.79		
15	64QAM	75	0	18.60	18.63	18.68		
15	256QAM	1	0	17.81	17.62	17.69		
15	256QAM	1	37	17.54	17.81	17.73	19.5	1
15	256QAM	1	74	17.67	17.80	17.84		
15	256QAM	36	0	17.52	17.72	17.77		
15	256QAM	36	20	17.60	17.68	17.65	19.5	1
15	256QAM	36	39	17.76	17.53	17.65		
15	256QAM	75	0	17.52	17.61	17.55		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.64	18.75	18.59		
10	QPSK	1	25	18.85	18.78	18.79	20.5	0
10	QPSK	1	49	18.64	18.71	18.78		
10	QPSK	25	0	18.52	18.63	18.57		
10	QPSK	25	12	18.61	18.60	18.69	20.5	0
10	QPSK	25	25	18.62	18.62	18.67		
10	QPSK	50	0	18.55	18.73	18.58		
10	16QAM	1	0	18.68	18.78	18.57		
10	16QAM	1	25	18.60	18.68	18.61	20.5	0
10	16QAM	1	49	18.69	18.52	18.59		
10	16QAM	25	0	18.56	18.83	18.60		
10	16QAM	25	12	18.57	18.63	18.63	20.5	0
10	16QAM	25	25	18.67	18.60	18.74		
10	16QAM	50	0	18.70	18.73	18.55		
10	64QAM	1	0	18.65	18.58	18.55		
10	64QAM	1	25	18.54	18.72	18.68	20.5	0
10	64QAM	1	49	18.66	18.58	18.68		
10	64QAM	25	0	18.53	18.80	18.58		
10	64QAM	25	12	18.73	18.73	18.68	20.5	0
10	64QAM	25	25	18.55	18.74	18.77		
10	64QAM	50	0	18.59	18.52	18.56		
10	256QAM	1	0	17.73	17.59	17.72		
10	256QAM	1	25	17.79	17.87	17.64	19.5	1
10	256QAM	1	49	17.59	17.68	17.70		
10	256QAM	25	0	17.67	17.83	17.77		
10	256QAM	25	12	17.58	17.76	17.85	19.5	1
10	256QAM	25	25	17.55	17.83	17.58		
10	256QAM	50	0	17.71	17.66	17.55		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.63	18.86	18.69		
5	QPSK	1	12	18.66	18.82	18.50	20.5	0
5	QPSK	1	24	18.56	18.72	18.66		
5	QPSK	12	0	18.62	18.64	18.60		
5	QPSK	12	7	18.68	18.54	18.59	20.5	0
5	QPSK	12	13	18.62	18.68	18.73		
5	QPSK	25	0	18.54	18.88	18.65		
5	16QAM	1	0	18.56	18.77	18.67		
5	16QAM	1	12	18.52	18.57	18.57	20.5	0
5	16QAM	1	24	18.51	18.64	18.54		
5	16QAM	12	0	18.57	18.63	18.72		
5	16QAM	12	7	18.55	18.74	18.69	20.5	0
5	16QAM	12	13	18.51	18.66	18.68		
5	16QAM	25	0	18.54	18.67	18.65		
5	64QAM	1	0	18.61	18.68	18.62		
5	64QAM	1	12	18.64	18.68	18.59	20.5	0
5	64QAM	1	24	18.54	18.60	18.62		
5	64QAM	12	0	18.65	18.78	18.50		
5	64QAM	12	7	18.72	18.51	18.53	20.5	0
5	64QAM	12	13	18.61	18.56	18.55		
5	64QAM	25	0	18.65	18.63	18.67		
5	256QAM	1	0	17.70	17.74	17.57		
5	256QAM	1	12	17.70	17.77	17.76	19.5	1
5	256QAM	1	24	17.77	17.73	17.59		
5	256QAM	12	0	17.66	17.72	17.67		
5	256QAM	12	7	17.64	17.59	17.61	19.5	1
5	256QAM	12	13	17.51	17.74	17.78		
5	256QAM	25	0	17.64	17.76	17.59		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.68	18.74	18.76		
3	QPSK	1	8	18.68	18.70	18.66	20.5	0
3	QPSK	1	14	18.62	18.87	18.57		
3	QPSK	8	0	18.56	18.59	18.55		
3	QPSK	8	4	18.53	18.60	18.83	20.5	0
3	QPSK	8	7	18.77	18.75	18.70		
3	QPSK	15	0	18.55	18.83	18.53		
3	16QAM	1	0	18.66	18.53	18.64		
3	16QAM	1	8	18.61	18.55	18.55	20.5	0
3	16QAM	1	14	18.70	18.59	18.63		
3	16QAM	8	0	18.57	18.74	18.65		
3	16QAM	8	4	18.63	18.51	18.74	20.5	0
3	16QAM	8	7	18.53	18.51	18.60		
3	16QAM	15	0	18.59	18.78	18.84		
3	64QAM	1	0	18.64	18.78	18.68		
3	64QAM	1	8	18.57	18.70	18.62	20.5	0
3	64QAM	1	14	18.54	18.62	18.69		
3	64QAM	8	0	18.63	18.81	18.74		
3	64QAM	8	4	18.54	18.68	18.54	20.5	0
3	64QAM	8	7	18.52	18.72	18.77		
3	64QAM	15	0	18.51	18.66	18.67		
3	256QAM	1	0	17.55	17.72	17.77		
3	256QAM	1	8	17.82	17.59	17.62	19.5	1
3	256QAM	1	14	17.59	17.83	17.65		
3	256QAM	8	0	17.59	17.75	17.64		
3	256QAM	8	4	17.53	17.73	17.68	19.5	1
3	256QAM	8	7	17.77	17.98	17.82		
3	256QAM	15	0	17.69	17.74	17.84		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.57	18.66	18.59		
1.4	QPSK	1	3	18.65	18.62	18.85		
1.4	QPSK	1	5	18.60	18.74	18.73	20.5	0
1.4	QPSK	3	0	18.65	18.71	18.68		
1.4	QPSK	3	1	18.65	18.52	18.82		
1.4	QPSK	3	3	18.55	18.84	18.65		
1.4	QPSK	6	0	18.59	18.63	18.76	20.5	0
1.4	16QAM	1	0	18.59	18.74	18.70		
1.4	16QAM	1	3	18.55	18.69	18.54		
1.4	16QAM	1	5	18.60	18.62	18.55	20.5	0
1.4	16QAM	3	0	18.57	18.58	18.72		
1.4	16QAM	3	1	18.59	18.74	18.56		
1.4	16QAM	3	3	18.54	18.62	18.81		
1.4	16QAM	6	0	18.56	18.78	18.73	20.5	0
1.4	64QAM	1	0	18.54	18.76	18.77		
1.4	64QAM	1	3	18.61	18.89	18.69		
1.4	64QAM	1	5	18.51	18.69	18.55	20.5	0
1.4	64QAM	3	0	18.60	18.84	18.62		
1.4	64QAM	3	1	18.61	18.65	18.57		
1.4	64QAM	3	3	18.68	18.75	18.53		
1.4	64QAM	6	0	18.57	18.64	18.53	20.5	0
1.4	256QAM	1	0	17.63	17.60	17.94		
1.4	256QAM	1	3	17.60	17.67	17.59		
1.4	256QAM	1	5	17.74	17.63	17.60	19.5	1
1.4	256QAM	3	0	17.61	18.02	17.61		
1.4	256QAM	3	1	17.84	17.63	17.72		
1.4	256QAM	3	3	17.56	17.61	17.61		
1.4	256QAM	6	0	17.52	17.66	17.65	19.5	1

Band 7 Ant4 DSI1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.38	16.56	16.48		
20	QPSK	1	49	16.22	16.40	16.27	17.5	0
20	QPSK	1	99	16.19	16.33	16.15		
20	QPSK	50	0	16.48	16.49	16.32		
20	QPSK	50	24	16.41	16.43	16.31	17.5	0
20	QPSK	50	50	16.18	16.46	16.25		
20	QPSK	100	0	16.37	16.45	16.36		
20	16QAM	1	0	16.45	16.50	16.33		
20	16QAM	1	49	16.22	16.34	16.46	17.5	0

Band 38 Ant4 DSI1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.79	16.88	16.79	18	0
20	QPSK	1	49	16.76	16.78	16.66		
20	QPSK	1	99	16.52	16.65	16.65		
20	QPSK	50	0	16.64	16.85	16.66	18	0
20	QPSK	50	24	16.61	16.55	16.58		
20	QPSK	50	50	16.58	16.52	16.42		
20	QPSK	100	0	16.34	16.52	16.45		
20	16QAM	1	0	16.57	16.43	16.46	18	0
20	16QAM	1	49	16.52	16.69	16.51		
20	16QAM	1	99	16.26	16.47	16.30		
20	16QAM	50	0	16.60	16.41	16.31	18	0
20	16QAM	50	24	16.26	16.32	16.50		
20	16QAM	50	50	16.39	16.60	16.28		
20	16QAM	100	0	16.37	16.56	16.71		
20	64QAM	1	0	16.29	16.40	16.52	18	0
20	64QAM	1	49	16.47	16.55	16.42		
20	64QAM	1	99	16.22	16.30	16.42		
20	64QAM	50	0	16.67	16.64	16.32	18	0
20	64QAM	50	24	16.35	16.63	16.37		
20	64QAM	50	50	16.35	16.46	16.47		
20	64QAM	100	0	16.18	16.52	16.46		
20	256QAM	1	0	16.46	16.26	16.43	18	0
20	256QAM	1	49	16.41	16.57	16.46		
20	256QAM	1	99	16.31	16.48	16.50		
20	256QAM	50	0	16.33	16.57	16.50	18	0
20	256QAM	50	24	16.34	16.30	16.30		
20	256QAM	50	50	16.45	16.59	16.45		
20	256QAM	100	0	16.19	16.62	16.19		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.45	16.36	16.48	18	0
15	QPSK	1	37	16.31	16.55	16.31		
15	QPSK	1	74	16.37	16.49	16.47		
15	QPSK	36	0	16.41	16.53	16.47	18	0
15	QPSK	36	20	16.56	16.33	16.38		
15	QPSK	36	39	16.31	16.52	16.42		
15	QPSK	75	0	16.63	16.41	16.49		
15	16QAM	1	0	16.34	16.46	16.61	18	0
15	16QAM	1	37	16.33	16.50	16.51		
15	16QAM	1	74	16.28	16.35	16.44		
15	16QAM	36	0	16.37	16.51	16.39	18	0
15	16QAM	36	20	16.31	16.22	16.18		
15	16QAM	36	39	16.31	16.31	16.40		
15	16QAM	75	0	16.60	16.40	16.35		
15	64QAM	1	0	16.22	16.35	16.34	18	0
15	64QAM	1	37	16.27	16.18	16.21		
15	64QAM	1	74	16.36	16.32	16.15		
15	64QAM	36	0	16.49	16.24	16.17	18	0
15	64QAM	36	20	16.48	16.31	16.44		
15	64QAM	36	39	16.20	16.20	16.29		
15	64QAM	75	0	16.17	16.24	16.44		
15	256QAM	1	0	16.31	16.23	16.19	18	0
15	256QAM	1	37	16.07	16.46	16.34		
15	256QAM	1	74	16.30	16.35	16.13		
15	256QAM	36	0	16.44	16.27	16.30	18	0
15	256QAM	36	20	16.15	16.44	16.34		
15	256QAM	36	39	16.20	16.25	16.19		
15	256QAM	75	0	16.28	16.30	16.06		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.26	16.56	16.52	18	0
10	QPSK	1	25	16.50	16.47	16.34		
10	QPSK	1	49	16.49	16.20	16.55		
10	QPSK	25	0	16.32	16.47	16.46	18	0
10	QPSK	25	12	16.50	16.25	16.45		
10	QPSK	25	25	16.15	16.42	16.27		
10	QPSK	50	0	16.54	16.49	16.31		
10	16QAM	1	0	16.55	16.51	16.40	18	0
10	16QAM	1	25	16.32	16.54	16.45		
10	16QAM	1	49	16.30	16.22	16.37		
10	16QAM	25	0	16.47	16.54	16.29	18	0
10	16QAM	25	12	16.19	16.26	16.40		
10	16QAM	25	25	16.25	16.34	16.08		
10	16QAM	50	0	16.47	16.69	16.32		
10	64QAM	1	0	16.43	16.33	16.29	18	0
10	64QAM	1	25	16.45	16.46	16.32		
10	64QAM	1	49	16.25	16.46	16.14		
10	64QAM	25	0	16.49	16.49	16.37	18	0
10	64QAM	25	12	16.45	16.36	16.21		
10	64QAM	25	25	16.26	16.28	16.21		
10	64QAM	50	0	16.21	16.47	16.32		
10	256QAM	1	0	16.28	16.29	16.20	18	0
10	256QAM	1	25	16.19	16.21	16.31		
10	256QAM	1	49	16.29	16.12	16.04		
10	256QAM	25	0	16.13	16.62	16.36	18	0
10	256QAM	25	12	16.12	16.28	16.12		
10	256QAM	25	25	16.34	16.33	16.26		
10	256QAM	50	0	16.05	16.44	16.38		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.63	16.48	16.70	18	0
5	QPSK	1	12	16.25	16.30	16.35		
5	QPSK	1	24	16.35	16.59	16.26		
5	QPSK	12	0	16.35	16.44	16.45	18	0
5	QPSK	12	7	16.30	16.29	16.33		
5	QPSK	12	13	16.26	16.58	16.12		
5	QPSK	25	0	16.41	16.55	16.44		
5	16QAM	1	0	16.44	16.39	16.44	18	0
5	16QAM	1	12	16.18	16.47	16.45		
5	16QAM	1	24	16.43	16.24	16.37		
5	16QAM	12	0	16.24	16.29	16.32	18	0
5	16QAM	12	7	16.33	16.53	16.40		
5	16QAM	12	13	16.35	16.45	16.30		
5	16QAM	25	0	16.64	16.41	16.48		
5	64QAM	1	0	16.24	16.47	16.40	18	0
5	64QAM	1	12	16.15	16.25	16.35		
5	64QAM	1	24	16.13	16.31	16.15		
5	64QAM	12	0	16.23	16.37	16.24	18	0
5	64QAM	12	7	16.50	16.35	16.17		
5	64QAM	12	13	16.29	16.42	16.33		
5	64QAM	25	0	16.40	16.10	16.14		
5	256QAM	1	0	16.06	16.16	16.20	18	0
5	256QAM	1	12	16.29	16.38	16.10		
5	256QAM	1	24	16.19	16.16	16.38		
5	256QAM	12	0	16.14	16.50	16.43	18	0
5	256QAM	12	7	16.00	16.48	16.18		
5	256QAM	12	13	16.49	16.38	16.21		
5	256QAM	25	0	16.35	16.57	16.20		

Band 41 Ant4 DSI1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.65	16.59	16.71	16.37	16.45		
20	QPSK	1	49	16.58	16.44	16.68	16.46	16.37	18	0
20	QPSK	1	99	16.50	16.40	16.66	16.56	16.42		
20	QPSK	50	0	16.47	16.43	16.55	16.44	16.25		
20	QPSK	50	24	16.32	16.51	16.53	16.35	16.45	18	0
20	QPSK	50	50	16.33	16.43	16.38	16.34	16.44		
20	QPSK	100	0	16.43	16.33	16.46	16.27	16.30		
20	16QAM	1	0	16.68	16.45	16.66	16.51	16.41		
20	16QAM	1	49	16.37	16.35	16.44	16.42	16.43	18	0
20	16QAM	1	99	16.48	16.31	16.56	16.46	16.34		
20	16QAM	50	0	16.43	16.43	16.43	16.32	16.30		
20	16QAM	50	24	16.50	16.36	16.42	16.32	16.33	18	0
20	16QAM	50	50	16.42	16.30	16.43	16.31	16.40		
20	16QAM	100	0	16.43	16.45	16.53	16.49	16.36		
20	64QAM	1	0	16.47	16.53	16.64	16.51	16.56		
20	64QAM	1	49	16.60	16.38	16.41	16.37	16.41	18	0
20	64QAM	1	99	16.52	16.41	16.33	16.30	16.25		
20	64QAM	50	0	16.49	16.43	16.68	16.39	16.51		
20	64QAM	50	24	16.46	16.39	16.56	16.43	16.39	18	0
20	64QAM	50	50	16.54	16.38	16.57	16.46	16.44		
20	64QAM	100	0	16.47	16.47	16.40	16.43	16.43		
20	256QAM	1	0	16.35	16.34	16.28	16.52	16.33		
20	256QAM	1	49	16.47	16.44	16.67	16.46	16.38	18	0
20	256QAM	1	99	16.32	16.34	16.58	16.34	16.31		
20	256QAM	50	0	16.47	16.53	16.55	16.48	16.59		
20	256QAM	50	24	16.37	16.52	16.43	16.47	16.36	18	0
20	256QAM	50	50	16.43	16.44	16.52	16.43	16.49		
20	256QAM	100	0	16.48	16.43	16.32	16.59	16.34		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.55	16.36	16.49	16.53	16.57		
15	QPSK	1	37	16.61	16.36	16.35	16.51	16.39	18.00	0
15	QPSK	1	74	16.59	16.37	16.58	16.57	16.47		
15	QPSK	36	0	16.54	16.36	16.45	16.45	16.39		
15	QPSK	36	20	16.43	16.39	16.46	16.53	16.50	18	0
15	QPSK	36	39	16.49	16.56	16.61	16.34	16.58		
15	QPSK	75	0	16.45	16.41	16.39	16.26	16.39		
15	16QAM	1	0	16.36	16.48	16.47	16.45	16.46		
15	16QAM	1	37	16.43	16.45	16.35	16.41	16.59	18	0
15	16QAM	1	74	16.35	16.46	16.63	16.43	16.52		
15	16QAM	36	0	16.46	16.38	16.42	16.41	16.39		
15	16QAM	36	20	16.51	16.48	16.39	16.31	16.33	18	0
15	16QAM	36	39	16.45	16.48	16.43	16.42	16.41		
15	16QAM	75	0	16.35	16.45	16.61	16.52	16.37		
15	64QAM	1	0	16.59	16.52	16.40	16.61	16.49		
15	64QAM	1	37	16.55	16.52	16.58	16.54	16.53	18	0
15	64QAM	1	74	16.54	16.27	16.57	16.62	16.43		
15	64QAM	36	0	16.41	16.51	16.35	16.60	16.61		
15	64QAM	36	20	16.40	16.39	16.46	16.51	16.48	18	0
15	64QAM	36	39	16.37	16.53	16.47	16.34	16.49		
15	64QAM	75	0	16.43	16.26	16.45	16.47	16.46		
15	256QAM	1	0	16.28	16.21	16.29	16.36	16.25		
15	256QAM	1	37	16.36	16.26	16.54	16.26	16.33	18	0
15	256QAM	1	74	16.31	16.24	16.39	16.29	16.29		
15	256QAM	36	0	16.41	16.28	16.51	16.35	16.42		
15	256QAM	36	20	16.24	16.29	16.37	16.25	16.25	18	0
15	256QAM	36	39	16.24	16.32	16.38	16.20	16.39		
15	256QAM	75	0	16.32	16.30	16.25	16.40	16.27		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.58	16.45	16.51	16.31	16.49		
10	QPSK	1	25	16.47	16.53	16.57	16.39	16.25	18.00	0
10	QPSK	1	49	16.41	16.52	16.36	16.37	16.31		
10	QPSK	25	0	16.33	16.25	16.57	16.35	16.40		
10	QPSK	25	12	16.40	16.25	16.48	16.39	16.30	18	0
10	QPSK	25	25	16.24	16.24	16.56	16.27	16.36		
10	QPSK	50	0	16.55	16.38	16.58	16.27	16.36		
10	16QAM	1	0	16.50	16.43	16.51	16.37	16.37		
10	16QAM	1	25	16.34	16.25	16.52	16.40	16.44	18	0
10	16QAM	1	49	16.49	16.32	16.43	16.42	16.35		
10	16QAM	25	0	16.36	16.20	16.45	16.27	16.31		
10	16QAM	25	12	16.34	16.28	16.47	16.26	16.29	18	0
10	16QAM	25	25	16.47	16.36	16.36	16.29	16.25		
10	16QAM	50	0	16.62	16.31	16.60	16.32	16.44		
10	64QAM	1	0	16.53	16.45	16.51	16.49	16.54		
10	64QAM	1	25	16.50	16.51	16.51	16.34	16.35	18	0
10	64QAM	1	49	16.42	16.22	16.48	16.38	16.30		
10	64QAM	25	0	16.62	16.42	16.58	16.45	16.28		
10	64QAM	25	12	16.61	16.41	16.53	16.49	16.36	18	0
10	64QAM	25	25	16.52	16.38	16.59	16.27	16.45		
10	64QAM	50	0	16.44	16.28	16.30	16.43	16.27		
10	256QAM	1	0	16.26	16.29	16.26	16.25	16.30		
10	256QAM	1	25	16.22	16.29	16.28	16.25	16.29	18	0
10	256QAM	1	49	16.20	16.32	16.28	16.32	16.27		
10	256QAM	25	0	16.28	16.28	16.39	16.25	16.26		
10	256QAM	25	12	16.27	16.20	16.32	16.27	16.29	18	0
10	256QAM	25	25	16.30	16.28	16.38	16.27	16.22		
10	256QAM	50	0	16.24	16.29	16.30	16.31	16.29		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.38	16.25	16.63	16.29	16.29		
5	QPSK	1	12	16.40	16.45	16.52	16.28	16.27	18.00	0
5	QPSK	1	24	16.28	16.38	16.32	16.32	16.24		
5	QPSK	12	0	16.23	16.38	16.31	16.20	16.26		
5	QPSK	12	7	16.21	16.23	16.42	16.35	16.21	18	0
5	QPSK	12	13	16.35	16.21	16.28	16.27	16.30		
5	QPSK	25	0	16.31	16.27	16.32	16.29	16.33		
5	16QAM	1	0	16.38	16.49	16.49	16.46	16.33		
5	16QAM	1	12	16.35	16.26	16.48	16.23	16.26	18	0
5	16QAM	1	24	16.23	16.30	16.36	16.46	16.22		
5	16QAM	12	0	16.24	16.29	16.35	16.36	16.25		
5	16QAM	12	7	16.30	16.27	16.38	16.33	16.29	18	0
5	16QAM	12	13	16.39	16.24	16.28	16.23	16.29		
5	16QAM	25	0	16.36	16.32	16.25	16.22	16.28		
5	64QAM	1	0	16.56	16.39	16.39	16.38	16.29		
5	64QAM	1	12	16.36	16.28	16.38	16.29	16.37	18	0
5	64QAM	1	24	16.35	16.29	16.32	16.26	16.25		
5	64QAM	12	0	16.31	16.40	16.53	16.26	16.20		
5	64QAM	12	7	16.35	16.25	16.35	16.28	16.26	18	0
5	64QAM	12	13	16.22	16.34	16.42	16.33	16.25		
5	64QAM	25	0	16.41	16.28	16.45	16.27	16.28		
5	256QAM	1	0	16.21	16.25	16.30	16.24	16.21		
5	256QAM	1	12	16.27	16.27	16.29	16.27	16.28	18	0
5	256QAM	1	24	16.28	16.24	16.24	16.26	16.29		
5	256QAM	12	0	16.28	16.22	16.21	16.33	16.24		
5	256QAM	12	7	16.30	16.27	16.29	16.27	16.26	18	0
5	256QAM	12	13	16.28	16.27	16.26	16.21	16.29		
5	256QAM	25	0	16.33	16.26	16.22	16.29	16.24		

Band 4 Ant5 DSI1 for ULCA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.88	16.18	15.94		
20	QPSK	1	49	15.76	15.91	15.79	17	0
20	QPSK	1	99	15.79	15.95	15.75		
20	QPSK	50	0	15.84	16.15	15.89		
20	QPSK	50	24	16.03	15.99	16.00	17	0
20	QPSK	50	50	15.89	16.07	15.84		
20	QPSK	100	0	15.79	16.05	15.71		
20	16QAM	1	0	15.73	15.89	15.78		
20	16QAM	1	49	15.71	15.82	15.75	17	0
20	16QAM	1	99	15.76	15.85	15.74		
20	16QAM	50	0	15.86	15.95	15.84		
20	16QAM	50	24	15.77	15.80	15.86	17	0
20	16QAM	50	50	15.76	15.89	15.80		
20	16QAM	100	0	15.82	15.87	15.84		
20	64QAM	1	0	15.73	15.94	15.89		
20	64QAM	1	49	15.74	15.90	15.82	17	0
20	64QAM	1	99	15.76	15.93	15.90		
20	64QAM	50	0	15.70	15.89	15.73		
20	64QAM	50	24	15.86	15.99	15.89	17	0
20	64QAM	50	50	15.77	15.81	15.68		
20	64QAM	100	0	15.80	15.89	15.70		
20	256QAM	1	0	15.85	15.94	15.80		
20	256QAM	1	49	15.80	15.88	15.84	17	0
20	256QAM	1	99	15.78	15.80	15.86		
20	256QAM	50	0	15.71	15.98	15.84		
20	256QAM	50	24	15.85	15.76	15.76	17	0
20	256QAM	50	50	15.74	15.83	15.77		
20	256QAM	100	0	15.79	15.81	15.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.74	16.10	15.89		
15	QPSK	1	37	15.67	15.84	15.69	17	0
15	QPSK	1	74	15.74	15.81	15.68		
15	QPSK	36	0	15.74	16.06	15.75		
15	QPSK	36	20	15.96	15.91	15.89	17	0
15	QPSK	36	39	15.75	15.94	15.78		
15	QPSK	75	0	15.65	15.99	15.65		
15	16QAM	1	0	15.59	15.79	15.68		
15	16QAM	1	37	15.65	15.67	15.63	17	0
15	16QAM	1	74	15.65	15.76	15.67		
15	16QAM	36	0	15.81	15.79	15.72		
15	16QAM	36	20	15.63	15.69	15.75	17	0
15	16QAM	36	39	15.69	15.79	15.71		
15	16QAM	75	0	15.72	15.79	15.73		
15	64QAM	1	0	15.59	15.83	15.77		
15	64QAM	1	37	15.59	15.79	15.70	17	0
15	64QAM	1	74	15.65	15.80	15.78		
15	64QAM	36	0	15.56	15.79	15.68		
15	64QAM	36	20	15.76	15.91	15.81	17	0
15	64QAM	36	39	15.63	15.70	15.60		
15	64QAM	75	0	15.66	15.76	15.62		
15	256QAM	1	0	15.76	15.85	15.74		
15	256QAM	1	37	15.67	15.74	15.76	17	0
15	256QAM	1	74	15.64	15.74	15.78		
15	256QAM	36	0	15.64	15.92	15.76		
15	256QAM	36	20	15.71	15.67	15.66	17	0
15	256QAM	36	39	15.69	15.69	15.65		
15	256QAM	75	0	15.68	15.70	15.78		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.75	16.10	15.84		
10	QPSK	1	25	15.70	15.80	15.70	17	0
10	QPSK	1	49	15.71	15.86	15.62		
10	QPSK	25	0	15.76	16.05	15.83		
10	QPSK	25	12	15.94	15.89	15.91	17	0
10	QPSK	25	25	15.76	15.97	15.71		
10	QPSK	50	0	15.70	15.96	15.58		
10	16QAM	1	0	15.61	15.80	15.67		
10	16QAM	1	25	15.57	15.70	15.63	17	0
10	16QAM	1	49	15.67	15.72	15.67		
10	16QAM	25	0	15.76	15.77	15.73		
10	16QAM	25	12	15.69	15.67	15.78	17	0
10	16QAM	25	25	15.63	15.77	15.74		
10	16QAM	50	0	15.75	15.74	15.71		
10	64QAM	1	0	15.65	15.83	15.72		
10	64QAM	1	25	15.61	15.78	15.74	17	0
10	64QAM	1	49	15.66	15.87	15.77		
10	64QAM	25	0	15.64	15.76	15.63		
10	64QAM	25	12	15.71	15.91	15.79	17	0
10	64QAM	25	25	15.67	15.69	15.61		
10	64QAM	50	0	15.74	15.83	15.55		
10	256QAM	1	0	15.77	15.82	15.70		
10	256QAM	1	25	15.65	15.78	15.73	17	0
10	256QAM	1	49	15.64	15.69	15.74		
10	256QAM	25	0	15.62	15.92	15.73		
10	256QAM	25	12	15.74	15.70	15.66	17	0
10	256QAM	25	25	15.66	15.69	15.66		
10	256QAM	50	0	15.66	15.73	15.73		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.74	16.11	15.83		
5	QPSK	1	12	15.69	15.78	15.68	17	0
5	QPSK	1	24	15.69	15.80	15.70		
5	QPSK	12	0	15.69	16.08	15.78		
5	QPSK	12	7	15.91	15.87	15.89	17	0
5	QPSK	12	13	15.77	15.99	15.71		
5	QPSK	25	0	15.68	15.97	15.57		
5	16QAM	1	0	15.58	15.80	15.68		
5	16QAM	1	12	15.63	15.69	15.69	17	0
5	16QAM	1	24	15.66	15.78	15.69		
5	16QAM	12	0	15.75	15.72	15.76		
5	16QAM	12	7	15.69	15.73	15.81	17	0
5	16QAM	12	13	15.66	15.84	15.68		
5	16QAM	25	0	15.74	15.76	15.78		
5	64QAM	1	0	15.62	15.84	15.74		
5	64QAM	1	12	15.65	15.77	15.68	17	0
5	64QAM	1	24	15.61	15.81	15.83		
5	64QAM	12	0	15.63	15.76	15.61		
5	64QAM	12	7	15.80	15.88	15.78	17	0
5	64QAM	12	13	15.65	15.73	15.56		
5	64QAM	25	0	15.69	15.84	15.62		
5	256QAM	1	0	15.71	15.80	15.69		
5	256QAM	1	12	15.75	15.79	15.74	17	0
5	256QAM	1	24	15.67	15.72	15.72		
5	256QAM	12	0	15.60	15.92	15.71		
5	256QAM	12	7	15.72	15.67	15.67	17	0
5	256QAM	12	13	15.65	15.69	15.67		
5	256QAM	25	0	15.70	15.70	15.79		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.80	16.07	15.79		
3	QPSK	1	8	15.67	15.81	15.67	17	0
3	QPSK	1	14	15.74	15.82	15.68		
3	QPSK	8	0	15.70	16.04	15.80		
3	QPSK	8	4	15.89	15.92	15.90	17	0
3	QPSK	8	7	15.84	15.96	15.72		
3	QPSK	15	0	15.72	15.90	15.56		
3	16QAM	1	0	15.61	15.80	15.64		
3	16QAM	1	8	15.57	15.73	15.63	17	0
3	16QAM	1	14	15.63	15.77	15.62		
3	16QAM	8	0	15.74	15.79	15.77		
3	16QAM	8	4	15.63	15.67	15.79	17	0
3	16QAM	8	7	15.61	15.76	15.72		
3	16QAM	15	0	15.70	15.82	15.70		
3	64QAM	1	0	15.60	15.80	15.75		
3	64QAM	1	8	15.63	15.78	15.72	17	0
3	64QAM	1	14	15.63	15.87	15.76		
3	64QAM	8	0	15.62	15.81	15.61		
3	64QAM	8	4	15.76	15.93	15.74	17	0
3	64QAM	8	7	15.70	15.68	15.56		
3	64QAM	15	0	15.74	15.80	15.63		
3	256QAM	1	0	15.70	15.83	15.68		
3	256QAM	1	8	15.72	15.78	15.79	17	0
3	256QAM	1	14	15.68	15.65	15.77		
3	256QAM	8	0	15.59	15.85	15.79		
3	256QAM	8	4	15.73	15.63	15.67	17	0
3	256QAM	8	7	15.68	15.71	15.70		
3	256QAM	15	0	15.73	15.68	15.72		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.56	15.88	15.73		
1.4	QPSK	1	3	15.58	15.68	15.69		
1.4	QPSK	1	5	15.55	15.77	15.62	17	0
1.4	QPSK	3	0	15.75	15.77	15.65		
1.4	QPSK	3	1	15.62	15.61	15.56		
1.4	QPSK	3	3	15.55	15.72	15.47		
1.4	QPSK	6	0	15.60	15.63	15.55	17	0
1.4	16QAM	1	0	15.52	15.63	15.59		
1.4	16QAM	1	3	15.56	15.63	15.54		
1.4	16QAM	1	5	15.64	15.61	15.56	17	0
1.4	16QAM	3	0	15.72	15.65	15.58		
1.4	16QAM	3	1	15.51	15.64	15.66		
1.4	16QAM	3	3	15.56	15.70	15.55		
1.4	16QAM	6	0	15.70	15.66	15.53	17	0
1.4	64QAM	1	0	15.58	15.72	15.73		
1.4	64QAM	1	3	15.55	15.69	15.61		
1.4	64QAM	1	5	15.53	15.75	15.68	17	0
1.4	64QAM	3	0	15.52	15.73	15.66		
1.4	64QAM	3	1	15.58	15.78	15.74		
1.4	64QAM	3	3	15.64	15.71	15.59		
1.4	64QAM	6	0	15.61	15.70	15.60	17	0
1.4	256QAM	1	0	15.66	15.80	15.58		
1.4	256QAM	1	3	15.59	15.75	15.52		
1.4	256QAM	1	5	15.61	15.50	15.62	17	0
1.4	256QAM	3	0	15.50	15.68	15.62		
1.4	256QAM	3	1	15.55	15.57	15.66		
1.4	256QAM	3	3	15.58	15.61	15.67		
1.4	256QAM	6	0	15.50	15.64	15.70	17	0

Band 7 Ant5 DSI1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.44	16.58	16.53		
20	QPSK	1	49	16.39	16.39	16.31	17	0
20	QPSK	1	99	16.18	16.44	16.36		
20	QPSK	50	0	16.54	16.56	16.31		
20	QPSK	50	24	16.37	16.36	16.34	17	0
20	QPSK	50	50	16.31	16.22	16.22		
20	QPSK	100	0	16.16	16.34	16.31		
20	16QAM	1	0	16.34	16.32	16.35		
20	16QAM	1	49	16.21	16.43	16.43	17	0
20	16QAM	1	99	16.33	16.44	16.14		
20	16QAM	50	0	16.18	16.40	16.26		
20	16QAM	50	24	16.21	16.39	16.32	17	0
20	16QAM	50	50	16.21	16.23	16.27		
20	16QAM	100	0	16.27	16.39	16.18		
20	64QAM	1	0	16.25	16.38	16.20		
20	64QAM	1	49	16.38	16.48	16.30	17	0
20	64QAM	1	99	16.36	16.30	16.38		
20	64QAM	50	0	16.31	16.27	16.35		
20	64QAM	50	24	16.41	16.31	16.25	17	0
20	64QAM	50	50	16.26	16.35	16.28		
20	64QAM	100	0	16.32	16.42	16.38		
20	256QAM	1	0	16.27	16.39	16.34		
20	256QAM	1	49	16.28	16.44	16.39	17	0
20	256QAM	1	99	16.45	16.28	16.46		
20	256QAM	50	0	16.27	16.48	16.35		
20	256QAM	50	24	16.17	16.46	16.24	17	0
20	256QAM	50	50	16.42	16.36	16.20		
20	256QAM	100	0	16.19	16.26	16.39		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.20	16.43	16.40		
15	QPSK	1	37	16.38	16.17	16.44	17	0
15	QPSK	1	74	16.22	16.17	16.07		
15	QPSK	36	0	16.41	16.34	16.23		
15	QPSK	36	20	16.14	16.45	16.06	17	0
15	QPSK	36	39	16.11	16.10	16.06		
15	QPSK	75	0	16.18	16.22	16.10		
15	16QAM	1	0	16.24	16.30	16.17		
15	16QAM	1	37	16.20	16.39	16.23	17	0
15	16QAM	1	74	16.32	16.35	16.11		
15	16QAM	36	0	16.22	16.35	16.25		
15	16QAM	36	20	16.27	16.20	16.17	17	0
15	16QAM	36	39	16.16	16.37	16.28		
15	16QAM	75	0	16.26	16.10	16.11		
15	64QAM	1	0	16.08	16.25	16.05		
15	64QAM	1	37	16.41	16.32	16.29	17	0
15	64QAM	1	74	16.23	16.32	16.13		
15	64QAM	36	0	16.10	16.36	16.33		
15	64QAM	36	20	16.32	16.40	16.33	17	0
15	64QAM	36	39	16.16	16.26	16.13		
15	64QAM	75	0	16.20	16.44	16.34		
15	256QAM	1	0	16.15	16.30	16.37		
15	256QAM	1	37	16.20	16.27	16.39	17	0
15	256QAM	1	74	16.31	16.35	16.27		
15	256QAM	36	0	16.21	16.35	16.38		
15	256QAM	36	20	16.12	16.34	16.33	17	0
15	256QAM	36	39	16.17	16.35	16.27		
15	256QAM	75	0	16.28	16.26	16.26		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.30	16.44	16.31		
10	QPSK	1	25	16.25	16.29	16.22	17	0
10	QPSK	1	49	16.15	16.12	16.09		
10	QPSK	25	0	16.18	16.40	16.12		
10	QPSK	25	12	16.28	16.36	16.25	17	0
10	QPSK	25	25	16.17	16.19	16.15		
10	QPSK	50	0	16.27	16.28	15.97		
10	16QAM	1	0	16.14	16.30	16.13		
10	16QAM	1	25	16.19	16.35	16.24	17	0
10	16QAM	1	49	16.26	16.29	16.08		
10	16QAM	25	0	16.26	16.16	16.18		
10	16QAM	25	12	16.25	16.14	16.15	17	0
10	16QAM	25	25	16.33	16.24	16.07		
10	16QAM	50	0	16.12	16.42	16.19		
10	64QAM	1	0	15.99	16.24	16.04		
10	64QAM	1	25	16.17	16.43	16.29	17	0
10	64QAM	1	49	16.13	16.20	16.36		
10	64QAM	25	0	16.19	16.31	16.17		
10	64QAM	25	12	16.27	16.23	16.21	17	0
10	64QAM	25	25	16.13	16.34	16.32		
10	64QAM	50	0	16.17	16.27	16.28		
10	256QAM	1	0	16.21	16.36	16.17		
10	256QAM	1	25	16.16	16.43	16.22	17	0
10	256QAM	1	49	16.33	16.35	16.28		
10	256QAM	25	0	16.27	16.33	16.18		
10	256QAM	25	12	16.25	16.39	16.32	17	0
10	256QAM	25	25	16.38	16.24	16.18		
10	256QAM	50	0	16.18	16.42	16.33		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.33	16.43	16.45		
5	QPSK	1	12	16.35	16.26	16.12	17	0
5	QPSK	1	24	16.19	16.19	16.20		
5	QPSK	12	0	16.34	16.48	16.27		
5	QPSK	12	7	16.22	16.22	16.09	17	0
5	QPSK	12	13	16.08	16.28	16.06		
5	QPSK	25	0	16.15	16.11	16.06		
5	16QAM	1	0	16.11	16.19	16.23		
5	16QAM	1	12	16.26	16.31	16.26	17	0
5	16QAM	1	24	16.23	16.32	16.17		
5	16QAM	12	0	16.18	16.25	16.16		
5	16QAM	12	7	16.28	16.15	16.10	17	0
5	16QAM	12	13	16.22	16.16	16.13		
5	16QAM	25	0	16.38	16.32	16.05		
5	64QAM	1	0	16.08	16.34	16.14		
5	64QAM	1	12	16.34	16.42	16.29	17	0
5	64QAM	1	24	16.25	16.32	16.19		
5	64QAM	12	0	16.27	16.36	16.20		
5	64QAM	12	7	16.20	16.18	16.14	17	0
5	64QAM	12	13	16.13	16.35	16.25		
5	64QAM	25	0	16.39	16.37	16.21		
5	256QAM	1	0	16.07	16.28	16.20		
5	256QAM	1	12	16.08	16.31	16.22	17	0
5	256QAM	1	24	16.23	16.28	16.43		
5	256QAM	12	0	16.14	16.44	16.20		
5	256QAM	12	7	16.27	16.28	16.24	17	0
5	256QAM	12	13	16.16	16.39	16.06		
5	256QAM	25	0	16.02	16.27	16.28		

Band 66 Ant5 DSI1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.25	15.30	15.11		
20	QPSK	1	49	15.21	15.16	15.04	16	0
20	QPSK	1	99	15.14	15.09	15.03		
20	QPSK	50	0	15.17	15.21	15.04		
20	QPSK	50	24	15.14	15.03	15.10	16	0
20	QPSK	50	50	15.17	15.01	15.07		
20	QPSK	100	0	15.12	15.19	15.18		
20	16QAM	1	0	15.26	15.14	15.01		
20	16QAM	1	49	15.04	15.09	15.12	16	0
20	16QAM	1	99	15.08	15.16	15.08		
20	16QAM	50	0	15.07	15.09	15.02		
20	16QAM	50	24	15.01	15.24	15.22	16	0
20	16QAM	50	50	15.08	15.21	15.00		
20	16QAM	100	0	15.25	15.19	15.07		
20	64QAM	1	0	15.12	15.24	15.04		
20	64QAM	1	49	15.09	15.25	15.19	16	0
20	64QAM	1	99	15.02	15.04	15.03		
20	64QAM	50	0	15.08	15.05	15.08		
20	64QAM	50	24	15.00	15.25	15.18	16	0
20	64QAM	50	50	15.13	15.24	15.18		
20	64QAM	100	0	15.28	15.19	15.20		
20	256QAM	1	0	15.15	15.24	15.15		
20	256QAM	1	49	15.16	15.16	15.01	16	0
20	256QAM	1	99	15.03	15.11	15.08		
20	256QAM	50	0	15.24	15.24	15.20		
20	256QAM	50	24	15.07	15.25	15.07	16	0
20	256QAM	50	50	15.12	15.08	15.08		
20	256QAM	100	0	15.24	15.20	15.29		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.08	15.20	15.12		
15	QPSK	1	37	15.02	15.19	15.08	16	0
15	QPSK	1	74	15.04	15.15	15.10		
15	QPSK	36	0	15.13	15.03	15.15		
15	QPSK	36	20	15.08	15.04	15.04	16	0
15	QPSK	36	39	15.15	15.11	15.01		
15	QPSK	75	0	15.18	15.08	15.24		
15	16QAM	1	0	15.22	15.15	15.28		
15	16QAM	1	37	15.15	15.22	15.23	16	0
15	16QAM	1	74	15.08	15.06	15.19		
15	16QAM	36	0	15.11	15.14	15.01		
15	16QAM	36	20	15.05	15.29	15.09	16	0
15	16QAM	36	39	15.12	15.06	15.08		
15	16QAM	75	0	15.02	15.08	15.19		
15	64QAM	1	0	15.08	15.24	15.15		
15	64QAM	1	37	15.11	15.14	15.12	16	0
15	64QAM	1	74	15.03	15.07	15.07		
15	64QAM	36	0	15.03	15.11	15.03		
15	64QAM	36	20	15.04	15.22	15.13	16	0
15	64QAM	36	39	15.23	15.21	15.10		
15	64QAM	75	0	15.15	15.26	15.23		
15	256QAM	1	0	15.07	15.21	15.17		
15	256QAM	1	37	15.09	15.06	15.13	16	0
15	256QAM	1	74	15.12	15.08	15.14		
15	256QAM	36	0	15.10	15.16	15.25		
15	256QAM	36	20	15.03	15.11	15.00	16	0
15	256QAM	36	39	15.09	15.14	15.08		
15	256QAM	75	0	15.18	15.25	15.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.12	15.22	15.21		
10	QPSK	1	25	15.08	15.29	15.09	16	0
10	QPSK	1	49	15.10	15.14	15.12		
10	QPSK	25	0	15.04	15.07	15.13		
10	QPSK	25	12	15.12	15.24	15.00	16	0
10	QPSK	25	25	15.21	15.04	15.21		
10	QPSK	50	0	15.05	15.23	15.09		
10	16QAM	1	0	15.29	15.21	15.08		
10	16QAM	1	25	15.14	15.15	15.05	16	0
10	16QAM	1	49	15.28	15.16	15.12		
10	16QAM	25	0	15.08	15.25	15.06		
10	16QAM	25	12	15.02	15.14	15.11	16	0
10	16QAM	25	25	15.10	15.11	15.03		
10	16QAM	50	0	15.20	15.20	15.20		
10	64QAM	1	0	15.14	15.21	15.22		
10

Reduced Power Mode for DSI 3

GSM850 Ant0 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	32.41	32.52	32.47	33.50	23.41	23.52	23.47	24.50
GPRS 1 Tx slot	32.33	32.49	32.44	33.50	23.33	23.49	23.44	24.50
GPRS 2 Tx slots	29.28	29.37	29.41	30.50	23.28	23.37	23.41	24.50
GPRS 3 Tx slots	27.47	27.51	27.58	28.50	23.21	23.25	23.32	24.24
GPRS 4 Tx slots	26.41	26.08	26.35	27.50	23.41	23.08	23.35	24.50
EDGE 1 Tx slot	26.25	26.09	26.30	27.50	17.25	17.09	17.30	18.50
EDGE 2 Tx slots	23.32	23.22	23.34	24.50	17.32	17.22	17.34	18.50
EDGE 3 Tx slots	21.62	21.56	21.45	22.50	17.36	17.30	17.19	18.24
EDGE 4 Tx slots	20.77	20.53	20.65	21.50	17.77	17.53	17.65	18.50

WCDMA V Ant0 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	24.78	24.86	24.75	25.50
3GPP Rel 99	RMC 12.2Kbps	24.90	24.93	24.88	25.50
3GPP Rel 6	HSDPA Subtest-1	23.69	24.01	23.90	24.50
3GPP Rel 6	HSDPA Subtest-2	23.81	23.93	23.86	24.50
3GPP Rel 6	HSDPA Subtest-3	23.20	23.50	23.34	24.00
3GPP Rel 6	HSDPA Subtest-4	23.29	23.50	23.33	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.76	23.98	23.92	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.81	23.92	23.76	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	23.22	23.43	23.37	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	23.30	23.45	23.41	24.00
3GPP Rel 6	HSUPA Subtest-1	23.76	23.89	23.90	24.50
3GPP Rel 6	HSUPA Subtest-2	21.72	21.91	21.88	22.50
3GPP Rel 6	HSUPA Subtest-3	22.73	23.01	22.83	23.50
3GPP Rel 6	HSUPA Subtest-4	21.73	21.93	21.88	22.50
3GPP Rel 6	HSUPA Subtest-5	23.76	23.89	23.68	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.20	21.34	21.25	22.00

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.82	23.00	22.97		
20	QPSK	1	49	22.87	22.96	22.82	24	0
20	QPSK	1	99	22.78	22.86	22.82		
20	QPSK	50	0	21.97	22.05	21.91		
20	QPSK	50	24	21.90	21.94	21.86	23	1
20	QPSK	50	50	21.79	21.90	21.83		
20	QPSK	100	0	21.92	21.97	21.92		
20	16QAM	1	0	21.88	22.02	21.93		
20	16QAM	1	49	21.90	21.93	21.80	23	1
20	16QAM	1	99	21.84	21.88	21.77		
20	16QAM	50	0	20.72	20.86	20.78		
20	16QAM	50	24	20.77	20.83	20.70	22	2
20	16QAM	50	50	20.87	20.91	20.86		
20	16QAM	100	0	20.84	20.94	20.85		
20	64QAM	1	0	20.91	20.98	20.89		
20	64QAM	1	49	20.86	20.90	20.86	22	2
20	64QAM	1	99	20.76	20.88	20.83		
20	64QAM	50	0	19.83	19.96	19.90		
20	64QAM	50	24	19.85	19.89	19.83	21	3
20	64QAM	50	50	19.71	19.85	19.79		
20	64QAM	100	0	19.88	19.91	19.80		
20	256QAM	1	0	17.81	17.94	17.88		
20	256QAM	1	49	17.86	17.89	17.84	19	5
20	256QAM	1	99	17.81	17.88	17.73		
20	256QAM	50	0	17.84	17.93	17.83		
20	256QAM	50	24	17.76	17.88	17.78	19	5
20	256QAM	50	50	17.81	17.90	17.82		
20	256QAM	100	0	17.78	17.92	17.73		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.83	22.98	22.78		
15	QPSK	1	37	22.74	22.84	22.71	24	0
15	QPSK	1	74	22.64	22.74	22.73		
15	QPSK	36	0	21.91	21.91	21.85		
15	QPSK	36	20	21.84	21.86	21.74	23	1
15	QPSK	36	39	21.69	21.75	21.77		
15	QPSK	75	0	21.81	21.92	21.81		
15	16QAM	1	0	21.74	21.87	21.82		
15	16QAM	1	37	21.81	21.88	21.67	23	1
15	16QAM	1	74	21.75	21.83	21.65		
15	16QAM	36	0	20.66	20.75	20.71		
15	16QAM	36	20	20.72	20.71	20.57	22	2
15	16QAM	36	39	20.72	20.82	20.77		
15	16QAM	75	0	20.73	20.67	20.77		
15	64QAM	1	0	20.77	20.84	20.77		
15	64QAM	1	37	20.71	20.76	20.79	22	2
15	64QAM	1	74	20.61	20.83	20.75		
15	64QAM	36	0	19.71	19.89	19.76		
15	64QAM	36	20	19.78	19.82	19.79	21	3
15	64QAM	36	39	19.59	19.75	19.66		
15	64QAM	75	0	19.82	19.82	19.74		
15	256QAM	1	0	17.71	17.88	17.78		
15	256QAM	1	37	17.77	17.78	17.72	19	5
15	256QAM	1	74	17.78	17.75	17.65		
15	256QAM	36	0	17.73	17.86	17.78		
15	256QAM	36	20	17.67	17.77	17.74	19	5
15	256QAM	36	39	17.75	17.75	17.70		
15	256QAM	75	0	17.66	17.85	17.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.83	22.89	22.77		
10	QPSK	1	25	22.79	22.88	22.72	24	0
10	QPSK	1	49	22.67	22.77	22.77		
10	QPSK	25	0	21.91	21.96	21.81		
10	QPSK	25	12	21.78	21.79	21.72	23	1
10	QPSK	25	25	21.71	21.77	21.72		
10	QPSK	50	0	21.87	21.86	21.88		
10	16QAM	1	0	21.84	21.89	21.85		
10	16QAM	1	25	21.80	21.81	21.74	23	1
10	16QAM	1	49	21.72	21.83	21.71		
10	16QAM	25	0	20.61	20.82	20.65		
10	16QAM	25	12	20.66	20.79	20.57	22	2
10	16QAM	25	25	20.74	20.79	20.72		
10	16QAM	50	0	20.75	20.82	20.80		
10	64QAM	1	0	20.87	20.83	20.85		
10	64QAM	1	25	20.83	20.82	20.79	22	2
10	64QAM	1	49	20.71	20.75	20.68		
10	64QAM	25	0	19.77	19.83	19.86		
10	64QAM	25	12	19.72	19.78	19.70	21	3
10	64QAM	25	25	19.61	19.79	19.75		
10	64QAM	50	0	19.78	19.87	19.70		
10	256QAM	1	0	17.75	17.81	17.79		
10	256QAM	1	25	17.78	17.75	17.74	19	5
10	256QAM	1	49	17.75	17.73	17.60		
10	256QAM	25	0	17.70	17.84	17.77		
10	256QAM	25	12	17.74	17.74	17.73	19	5
10	256QAM	25	25	17.72	17.83	17.68		
10	256QAM	50	0	17.69	17.86	17.68		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.81	22.92	22.80		
5	QPSK	1	12	22.74	22.89	22.77	24	0
5	QPSK	1	24	22.72	22.77	22.73		
5	QPSK	12	0	21.83	21.91	21.84		
5	QPSK	12	7	21.84	21.91	21.77	23	1
5	QPSK	12	13	21.69	21.87	21.71		
5	QPSK	25	0	21.78	21.94	21.78		
5	16QAM	1	0	21.81	21.92	21.82		
5	16QAM	1	12	21.88	21.85	21.65	23	1
5	16QAM	1	24	21.79	21.85	21.74		
5	16QAM	12	0	20.60	20.82	20.72		
5	16QAM	12	7	20.63	20.72	20.64	22	2
5	16QAM	12	13	20.79	20.73	20.77		
5	16QAM	25	0	20.75	20.87	20.82		
5	64QAM	1	0	20.81	20.89	20.76		
5	64QAM	1	12	20.73	20.83	20.74	22	2
5	64QAM	1	24	20.65	20.76	20.71		
5	64QAM	12	0	19.70	19.90	19.84		
5	64QAM	12	7	19.70	19.79	19.73	21	3
5	64QAM	12	13	19.66	19.79	19.68		
5	64QAM	25	0	19.79	19.86	19.74		
5	256QAM	1	0	17.66	17.88	17.81		
5	256QAM	1	12	17.83	17.79	17.80	19	5
5	256QAM	1	24	17.69	17.78	17.65		
5	256QAM	12	0	17.71	17.87	17.69		
5	256QAM	12	7	17.67	17.84	17.73	19	5
5	256QAM	12	13	17.69	17.76	17.71		
5	256QAM	25	0	17.68	17.82	17.68		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.79	22.91	22.76		
3	QPSK	1	8	22.80	22.85	22.72	24	0
3	QPSK	1	14	22.67	22.85	22.74		
3	QPSK	8	0	21.93	21.92	21.80		
3	QPSK	8	4	21.83	21.82	21.78	23	1
3	QPSK	8	7	21.67	21.87	21.80		
3	QPSK	15	0	21.86	21.94	21.84		
3	16QAM	1	0	21.77	21.98	21.81		
3	16QAM	1	8	21.80	21.87	21.67	23	1
3	16QAM	1	14	21.72	21.83	21.70		
3	16QAM	8	0	20.58	20.80	20.71		
3	16QAM	8	4	20.66	20.77	20.57	22	2
3	16QAM	8	7	20.76	20.85	20.71		
3	16QAM	15	0	20.78	20.86	20.75		
3	64QAM	1	0	20.79	20.92	20.81		
3	64QAM	1	8	20.74	20.79	20.81	22	2
3	64QAM	1	14	20.62	20.79	20.76		
3	64QAM	8	0	19.68	19.84	19.79		
3	64QAM	8	4	19.71	19.76	19.79	21	3
3	64QAM	8	7	19.67	19.74	19.76		
3	64QAM	15	0	19.77	19.82	19.70		
3	256QAM	1	0	17.71	17.85	17.82		
3	256QAM	1	8	17.79	17.83	17.75	19	5
3	256QAM	1	14	17.67	17.77	17.67		
3	256QAM	8	0	17.74	17.88	17.76		
3	256QAM	8	4	17.70	17.84	17.72	19	5
3	256QAM	8	7	17.67	17.87	17.68		
3	256QAM	15	0	17.65	17.83	17.69		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.86	22.91	22.73		
1.4	QPSK	1	3	22.76	22.92	22.77		
1.4	QPSK	1	5	22.65	22.82	22.67	24	0
1.4	QPSK	3	0	22.87	22.90	22.83		
1.4	QPSK	3	1	22.76	22.86	22.74		
1.4	QPSK	3	3	22.64	22.82	22.69		
1.4	QPSK	6	0	21.79	21.87	21.88	23	1
1.4	16QAM	1	0	21.77	21.96	21.79		
1.4	16QAM	1	3	21.85	21.87	21.68		
1.4	16QAM	1	5	21.71	21.76	21.67	23	1
1.4	16QAM	3	0	21.67	21.82	21.74		
1.4	16QAM	3	1	21.73	21.80	21.60		
1.4	16QAM	3	3	21.76	21.86	21.77		
1.4	16QAM	6	0	20.76	20.88	20.81	22	2
1.4	64QAM	1	0	20.77	20.85	20.74		
1.4	64QAM	1	3	20.83	20.84	20.82		
1.4	64QAM	1	5	20.67	20.83	20.71	22	2
1.4	64QAM	3	0	20.70	20.91	20.80		
1.4	64QAM	3	1	20.77	20.76	20.68		
1.4	64QAM	3	3	20.62	20.78	20.66		
1.4	64QAM	6	0	19.84	19.85	19.70	21	3
1.4	256QAM	1	0	17.69	17.81	17.79		
1.4	256QAM	1	3	17.75	17.82	17.79		
1.4	256QAM	1	5	17.66	17.82	17.58	19	5
1.4	256QAM	3	0	17.74	17.82	17.78		
1.4	256QAM	3	1	17.68	17.79	17.69		
1.4	256QAM	3	3	17.74	17.82	17.67		
1.4	256QAM	6	0	17.66	17.85	17.68	19	5

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	24.47	24.55	24.52		
10	QPSK	1	25	24.38	24.41	24.46	25.5	0
10	QPSK	1	49	24.40	24.42	24.40		
10	QPSK	25	0	23.30	23.53	23.44		
10	QPSK	25	12	23.41	23.43	23.41	24.5	1
10	QPSK	25	25	23.37	23.46	23.41		
10	QPSK	50	0	23.29	23.45	23.39		
10	16QAM	1	0	23.43	23.51	23.53		
10	16QAM	1	25	23.34	23.35	23.36	24.5	1
10	16QAM	1	49	23.30	23.40	23.32		
10	16QAM	25	0	22.29	22.51	22.44		
10	16QAM	25	12	22.31	22.38	22.37	23.5	2
10	16QAM	25	25	22.33	22.43	22.39		
10	16QAM	50	0	22.32	22.38	22.39		
10	64QAM	1	0	22.48	22.50	22.46		
10	64QAM	1	25	22.28	22.35	22.38	23.5	2
10	64QAM	1	49	22.27	22.37	22.36		
10	64QAM	25	0	21.29	21.47	21.34		
10	64QAM	25	12	21.26	21.38	21.39	22.5	3
10	64QAM	25	25	21.34	21.32	21.36		
10	64QAM	50	0	21.30	21.38	21.33		
10	256QAM	1	0	19.34	19.40	19.37		
10	256QAM	1	25	19.30	19.43	19.33	20.5	5
10	256QAM	1	49	19.30	19.44	19.31		
10	256QAM	25	0	19.29	19.48	19.30		
10	256QAM	25	12	19.26	19.40	19.36	20.5	5
10	256QAM	25	25	19.27	19.40	19.35		
10	256QAM	50	0	19.31	19.42	19.35		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.41	24.50	24.47		
5	QPSK	1	12	24.29	24.37	24.42	25.5	0
5	QPSK	1	24	24.25	24.34	24.33		
5	QPSK	12	0	23.15	23.41	23.41		
5	QPSK	12	7	23.37	23.33	23.30	24.5	1
5	QPSK	12	13	23.30	23.39	23.34		
5	QPSK	25	0	23.17	23.41	23.35		
5	16QAM	1	0	23.29	23.45	23.40		
5	16QAM	1	12	23.23	23.27	23.24	24.5	1
5	16QAM	1	24	23.26	23.26	23.21		
5	16QAM	12	0	22.20	22.41	22.30		
5	16QAM	12	7	22.25	22.27	22.31	23.5	2
5	16QAM	12	13	22.20	22.33	22.29		
5	16QAM	25	0	22.27	22.27	22.36		
5	64QAM	1	0	22.43	22.39	22.40		
5	64QAM	1	12	22.19	22.29	22.34	23.5	2
5	64QAM	1	24	22.16	22.25	22.31		
5	64QAM	12	0	21.16	21.34	21.25		
5	64QAM	12	7	21.12	21.32	21.26	22.5	3
5	64QAM	12	13	21.20	21.24	21.23		
5	64QAM	25	0	21.21	21.31	21.28		
5	256QAM	1	0	19.29	19.28	19.23		
5	256QAM	1	12	19.16	19.39	19.20	20.5	5
5	256QAM	1	24	19.25	19.33	19.20		
5	256QAM	12	0	19.19	19.39	19.15		
5	256QAM	12	7	19.13	19.28	19.29	20.5	5
5	256QAM	12	13	19.14	19.27	19.23		
5	256QAM	25	0	19.28	19.29	19.21		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.33	24.41	24.47		
3	QPSK	1	8	24.31	24.34	24.41	25.5	0
3	QPSK	1	14	24.31	24.35	24.31		
3	QPSK	8	0	23.15	23.48	23.39		
3	QPSK	8	4	23.36	23.33	23.37	24.5	1
3	QPSK	8	7	23.24	23.31	23.28		
3	QPSK	15	0	23.17	23.38	23.28		
3	16QAM	1	0	23.39	23.39	23.50		
3	16QAM	1	8	23.19	23.28	23.26	24.5	1
3	16QAM	1	14	23.19	23.25	23.25		
3	16QAM	8	0	22.22	22.36	22.30		
3	16QAM	8	4	22.17	22.24	22.30	23.5	2
3	16QAM	8	7	22.25	22.32	22.26		
3	16QAM	15	0	22.27	22.25	22.26		
3	64QAM	1	0	22.43	22.36	22.39		
3	64QAM	1	8	22.23	22.29	22.28	23.5	2
3	64QAM	1	14	22.20	22.24	22.24		
3	64QAM	8	0	21.19	21.37	21.27		
3	64QAM	8	4	21.13	21.25	21.36	22.5	3
3	64QAM	8	7	21.19	21.24	21.28		
3	64QAM	15	0	21.19	21.24	21.27		
3	256QAM	1	0	19.22	19.35	19.34		
3	256QAM	1	8	19.22	19.29	19.28	20.5	5
3	256QAM	1	14	19.22	19.30	19.18		
3	256QAM	8	0	19.24	19.43	19.23		
3	256QAM	8	4	19.21	19.29	19.29	20.5	5
3	256QAM	8	7	19.24	19.32	19.30		
3	256QAM	15	0	19.22	19.29	19.29		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.40	24.44	24.38		
1.4	QPSK	1	3	24.35	24.36	24.34		
1.4	QPSK	1	5	24.28	24.33	24.30	25.5	0
1.4	QPSK	3	0	24.24	24.41	24.40		
1.4	QPSK	3	1	24.34	24.36	24.33		
1.4	QPSK	3	3	24.24	24.37	24.37		
1.4	QPSK	6	0	23.20	23.37	23.32	24.5	1
1.4	16QAM	1	0	23.30	23.45	23.44		
1.4	16QAM	1	3	23.19	23.22	23.26		
1.4	16QAM	1	5	23.24	23.35	23.23	24.5	1
1.4	16QAM	3	0	23.20	23.47	23.40		
1.4	16QAM	3	1	23.16	23.23	23.32		
1.4	16QAM	3	3	23.23	23.34	23.25		
1.4	16QAM	6	0	22.28	22.31	22.36	23.5	2
1.4	64QAM	1	0	22.40	22.46	22.33		
1.4	64QAM	1	3	22.24	22.30	22.31		
1.4	64QAM	1	5	22.15	22.31	22.23	23.5	2
1.4	64QAM	3	0	22.24	22.41	22.30		
1.4	64QAM	3	1	22.20	22.29	22.29		
1.4	64QAM	3	3	22.24	22.28	22.29		
1.4	64QAM	6	0	21.22	21.34	21.19	22.5	3
1.4	256QAM	1	0	19.28	19.30	19.27		
1.4	256QAM	1	3	19.22	19.30	19.19		
1.4	256QAM	1	5	19.26	19.38	19.28	20.5	5
1.4	256QAM	3	0	19.19	19.42	19.19		
1.4	256QAM	3	1	19.18	19.26	19.32		
1.4	256QAM	3	3	19.19	19.25	19.27		
1.4	256QAM	6	0	19.25	19.36	19.29	20.5	5

Band 7 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.75	22.84	22.72		
20	QPSK	1	49	22.71	22.76	22.65	24	0
20	QPSK	1	99	22.60	22.74	22.61		
20	QPSK	50	0	21.64	21.78	21.67		
20	QPSK	50	24	21.61	21.70	21.63	23	1
20	QPSK	50	50	21.52	21.65	21.56		
20	QPSK	100	0	21.63	21.73	21.64		
20	16QAM	1	0	21.69	21.77	21.74		
20	16QAM	1	49	21.54	21.68	21.60	23	1
20	16QAM	1	99	21.50	21.64	21.53		
20	16QAM	50	0	20.67	20.72	20.68		
20	16QAM	50	24	20.59	20.67	20.54	22	2
20	16QAM	50	50	20.55	20.63	20.57		
20	16QAM	100	0	20.61	20.67	20.55		
20	64QAM	1	0	20.65	20.69	20.58		
20	64QAM	1	49	20.59	20.70	20.64	22	2
20	64QAM	1	99	20.56	20.69	20.60		
20	64QAM	50	0	19.72	19.78	19.72		
20	64QAM	50	24	19.53	19.65	19.61	21	3
20	64QAM	50	50	19.55	19.62	19.48		
20	64QAM	100	0	19.55	19.66	19.59		
20	256QAM	1	0	17.66	17.71	17.65		
20	256QAM	1	49	17.52	17.63	17.53	19	5
20	256QAM	1	99	17.54	17.66	17.53		
20	256QAM	50	0	17.60	17.74	17.64		
20	256QAM	50	24	17.53	17.65	17.51	19	5
20	256QAM	50	50	17.59	17.70	17.62		
20	256QAM	100	0	17.57	17.66	17.63		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.71	22.71	22.64		
15	QPSK	1	37	22.61	22.62	22.61	24	0
15	QPSK	1	74	22.52	22.64	22.47		
15	QPSK	36	0	21.51	21.73	21.52		
15	QPSK	36	20	21.52	21.64	21.58	23	1
15	QPSK	36	39	21.47	21.52	21.45		
15	QPSK	75	0	21.55	21.60	21.60		
15	16QAM	1	0	21.64	21.74	21.66		
15	16QAM	1	37	21.51	21.62	21.55	23	1
15	16QAM	1	74	21.35	21.53	21.41		
15	16QAM	36	0	20.59	20.65	20.57		
15	16QAM	36	20	20.47	20.57	20.42	22	2
15	16QAM	36	39	20.48	20.54	20.47		
15	16QAM	75	0	20.55	20.59	20.43		
15	64QAM	1	0	20.51	20.64	20.50		
15	64QAM	1	37	20.53	20.66	20.55	22	2
15	64QAM	1	74	20.48	20.58	20.53		
15	64QAM	36	0	19.60	19.70	19.64		
15	64QAM	36	20	19.45	19.55	19.56	21	3
15	64QAM	36	39	19.51	19.55	19.37		
15	64QAM	75	0	19.46	19.58	19.54		
15	256QAM	1	0	17.61	17.66	17.56		
15	256QAM	1	37	17.43	17.52	17.39	19	5
15	256QAM	1	74	17.42	17.61	17.45		
15	256QAM	36	0	17.49	17.61	17.54		
15	256QAM	36	20	17.44	17.56	17.44	19	5
15	256QAM	36	39	17.47	17.67	17.57		
15	256QAM	75	0	17.44	17.57	17.51		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.71	22.73	22.67		
10	QPSK	1	25	22.60	22.63	22.55	24	0
10	QPSK	1	49	22.52	22.63	22.57		
10	QPSK	25	0	21.52	21.70	21.57		
10	QPSK	25	12	21.48	21.58	21.54	23	1
10	QPSK	25	25	21.40	21.56	21.48		
10	QPSK	50	0	21.52	21.70	21.51		
10	16QAM	1	0	21.66	21.67	21.65		
10	16QAM	1	25	21.49	21.61	21.49	23	1
10	16QAM	1	49	21.45	21.53	21.44		
10	16QAM	25	0	20.60	20.62	20.53		
10	16QAM	25	12	20.55	20.53	20.45	22	2
10	16QAM	25	25	20.48	20.58

Band 13 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					23230			
Frequency (MHz)					782			
10	QPSK	1	0	23.63				
10	QPSK	1	25		23.56		24.5	0
10	QPSK	1	49		23.54			
10	QPSK	25	0		22.67			
10	QPSK	25	12		22.60		23.5	1
10	QPSK	25	25		22.64			
10	QPSK	50	0		22.62			
10	16QAM	1	0		22.65			
10	16QAM	1	25		22.56		23.5	1
10	16QAM	1	49		22.52			
10	16QAM	25	0		21.64			
10	16QAM	25	12		21.50		22.5	2
10	16QAM	25	25		21.50			
10	16QAM	50	0		21.57			
10	64QAM	1	0		21.68			
10	64QAM	1	25		21.49		22.5	2
10	64QAM	1	49		21.44			
10	64QAM	25	0		20.60			
10	64QAM	25	12		20.49		21.5	3
10	64QAM	25	25		20.50			
10	64QAM	50	0		20.53			
10	256QAM	1	0		18.60			
10	256QAM	1	25		18.63		19.5	5
10	256QAM	1	49		18.58			
10	256QAM	25	0		18.68			
10	256QAM	25	12		18.60		19.5	5
10	256QAM	25	25		18.56			
10	256QAM	50	0		18.64			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.38	23.50	23.43	24.5	0
5	QPSK	1	12	23.35	23.49	23.45		
5	QPSK	1	24	23.34	23.47	23.39		
5	QPSK	12	0	22.49	22.58	22.51		
5	QPSK	12	7	22.35	22.46	22.32	23.5	1
5	QPSK	12	13	22.45	22.59	22.45		
5	QPSK	25	0	22.46	22.53	22.43		
5	16QAM	1	0	22.47	22.51	22.37		
5	16QAM	1	12	22.41	22.53	22.37	23.5	1
5	16QAM	1	24	22.33	22.38	22.33		
5	16QAM	12	0	21.53	21.57	21.40		
5	16QAM	12	7	21.31	21.39	21.36	22.5	2
5	16QAM	12	13	21.31	21.47	21.28		
5	16QAM	25	0	21.49	21.51	21.42		
5	64QAM	1	0	21.48	21.58	21.51		
5	64QAM	1	12	21.32	21.36	21.33	22.5	2
5	64QAM	1	24	21.33	21.34	21.17		
5	64QAM	12	0	20.38	20.53	20.45		
5	64QAM	12	7	20.26	20.41	20.28	21.5	3
5	64QAM	12	13	20.31	20.36	20.36		
5	64QAM	25	0	20.33	20.48	20.26		
5	256QAM	1	0	18.47	18.55	18.43		
5	256QAM	1	12	18.46	18.55	18.46	19.5	5
5	256QAM	1	24	18.38	18.53	18.45		
5	256QAM	12	0	18.51	18.53	18.45		
5	256QAM	12	7	18.46	18.53	18.37	19.5	5
5	256QAM	12	13	18.38	18.43	18.43		
5	256QAM	25	0	18.46	18.54	18.42		

Band 17 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.64	24.70	24.59	25.5	0
10	QPSK	1	25	24.47	24.64	24.59		
10	QPSK	1	49	24.56	24.56	24.58		
10	QPSK	25	0	23.50	23.66	23.58		
10	QPSK	25	12	23.52	23.61	23.49	24.5	1
10	QPSK	25	25	23.55	23.52	23.51		
10	QPSK	50	0	23.50	23.62	23.50		
10	16QAM	1	0	23.69	23.76	23.71		
10	16QAM	1	25	23.44	23.57	23.55	24.5	1
10	16QAM	1	49	23.50	23.51	23.47		
10	16QAM	25	0	22.52	22.70	22.57		
10	16QAM	25	12	22.59	22.58	22.61	23.5	2
10	16QAM	25	25	22.58	22.58	22.54		
10	16QAM	50	0	22.48	22.60	22.56		
10	64QAM	1	0	22.58	22.76	22.67		
10	64QAM	1	25	22.43	22.54	22.49	23.5	2
10	64QAM	1	49	22.40	22.50	22.41		
10	64QAM	25	0	21.51	21.64	21.48		
10	64QAM	25	12	21.48	21.51	21.51	22.5	3
10	64QAM	25	25	21.44	21.61	21.51		
10	64QAM	50	0	21.43	21.60	21.48		
10	256QAM	1	0	19.56	19.57	19.59		
10	256QAM	1	25	19.50	19.59	19.55	20.5	5
10	256QAM	1	49	19.52	19.60	19.53		
10	256QAM	25	0	19.52	19.68	19.58		
10	256QAM	25	12	19.56	19.53	19.57	20.5	5
10	256QAM	25	25	19.48	19.57	19.60		
10	256QAM	50	0	19.52	19.56	19.51		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.58	24.55	24.50	25.5	0
5	QPSK	1	12	24.41	24.59	24.51		
5	QPSK	1	24	24.47	24.49	24.54		
5	QPSK	12	0	23.45	23.55	23.49		
5	QPSK	12	7	23.46	23.57	23.40	24.5	1
5	QPSK	12	13	23.47	23.38	23.46		
5	QPSK	25	0	23.45	23.59	23.39		
5	16QAM	1	0	23.63	23.71	23.61		
5	16QAM	1	12	23.35	23.51	23.47	24.5	1
5	16QAM	1	24	23.41	23.42	23.37		
5	16QAM	12	0	22.43	22.66	22.51		
5	16QAM	12	7	22.51	22.50	22.57	23.5	2
5	16QAM	12	13	22.52	22.47	22.49		
5	16QAM	25	0	22.42	22.56	22.44		
5	64QAM	1	0	22.44	22.64	22.62		
5	64QAM	1	12	22.35	22.44	22.39	23.5	2
5	64QAM	1	24	22.37	22.42	22.36		
5	64QAM	12	0	21.43	21.49	21.43		
5	64QAM	12	7	21.44	21.46	21.42	22.5	3
5	64QAM	12	13	21.40	21.48	21.44		
5	64QAM	25	0	21.32	21.50	21.43		
5	256QAM	1	0	19.51	19.44	19.49		
5	256QAM	1	12	19.40	19.49	19.44	20.5	5
5	256QAM	1	24	19.44	19.45	19.44		
5	256QAM	12	0	19.41	19.54	19.49		
5	256QAM	12	7	19.51	19.40	19.43	20.5	5
5	256QAM	12	13	19.40	19.52	19.57		
5	256QAM	25	0	19.45	19.46	19.46		

Band 26 Ant0 for FCC 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	24.35	24.58	24.41	25.5	0
15	QPSK	1	37	24.42	24.48	24.40		
15	QPSK	1	74	24.35	24.49	24.49		
15	QPSK	36	0	23.38	23.50	23.33		
15	QPSK	36	20	23.37	23.42	23.41	24.5	1
15	QPSK	36	39	23.29	23.46	23.36		
15	QPSK	75	0	23.26	23.47	23.37		
15	16QAM	1	0	23.34	23.52	23.39		
15	16QAM	1	37	23.26	23.27	23.23	24.5	1
15	16QAM	1	74	23.23	23.27	23.28		
15	16QAM	36	0	22.31	22.43	22.32		
15	16QAM	36	20	22.27	22.34	22.27	23.5	2
15	16QAM	36	39	22.24	22.37	22.31		
15	16QAM	75	0	22.28	22.35	22.33		
15	64QAM	1	0	22.42	22.53	22.49		
15	64QAM	1	37	22.26	22.36	22.35	23.5	2
15	64QAM	1	74	22.34	22.39	22.37		
15	64QAM	36	0	21.31	21.48	21.36		
15	64QAM	36	20	21.35	21.33	21.30	22.5	3
15	64QAM	36	39	21.31	21.43	21.38		
15	64QAM	75	0	21.31	21.44	21.34		
15	256QAM	1	0	19.24	19.35	19.34		
15	256QAM	1	37	19.29	19.38	19.27	20.5	5
15	256QAM	1	74	19.24	19.32	19.26		
15	256QAM	36	0	19.26	19.45	19.26		
15	256QAM	36	20	19.24	19.35	19.33	20.5	5
15	256QAM	36	39	19.27	19.39	19.36		
15	256QAM	75	0	19.29	19.34	19.37		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.23	24.47	24.33	25.5	0
10	QPSK	1	25	24.24	24.39	24.26		
10	QPSK	1	49	24.24	24.37	24.36		
10	QPSK	25	0	23.33	23.39	23.18		
10	QPSK	25	12	23.31	23.35	23.30	24.5	1
10	QPSK	25	25	23.23	23.37	23.27		
10	QPSK	50	0	23.23	23.33	23.33		
10	16QAM	1	0	23.27	23.47	23.36		
10	16QAM	1	25	23.14	23.13	23.12	24.5	1
10	16QAM	1	49	23.20	23.14	23.17		
10	16QAM	25	0	22.26	22.32	22.19		
10	16QAM	25	12	22.16	22.24	22.22	23.5	2
10	16QAM	25	25	22.15	22.26	22.21		
10	16QAM	50	0	22.18	22.24	22.22		
10	64QAM	1	0	22.34	22.50	22.34		
10	64QAM	1	25	22.11	22.25	22.20	23.5	2
10	64QAM	1	49	22.30	22.30	22.24		
10	64QAM	25	0	21.18	21.43	21.24		
10	64QAM	25	12	21.27	21.27	21.21	22.5	3
10	64QAM	25	25	21.27	21.37	21.25		
10	64QAM	50	0	21.17	21.36	21.20		
10	256QAM	1	0	19.17	19.22	19.29		
10	256QAM	1	25	19.25	19.24	19.21	20.5	5
10	256QAM	1	49	19.18	19.27	19.15		
10	256QAM	25	0	19.21	19.37	19.21		
10	256QAM	25	12	19.19	19.24	19.19	20.5	5
10	256QAM	25	25	19.15	19.24	19.31		
10	256QAM	50	0	19.20	19.22	19.30		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.29	24.49	24.32	25.5	0
5	QPSK	1	12	24.28	24.40	24.27		
5	QPSK	1	24	24.29	24.40	24.43		
5	QPSK	12	0	23.32	23.38	23.22		
5	QPSK	12	7	23.28	23.33	23.27	24.5	1
5	QPSK	12	13	23.23	23.35	23.30		
5	QPSK	25	0	23.13	23.33	23.31		
5	16QAM	1	0	23.27	23.44	23.24		
5	16QAM	1	12	23.11	23.19	23.11	24.5	1
5	16QAM	1	24	23.08	23.19	23.22		
5	16QAM	12	0	22.23	22.29	22.21		
5	16QAM	12	7	22.17	22.24	22.21	23.5	2
5	16QAM	12	13	22.14	22.24	22.28		
5	16QAM	25	0	22.25	22.23	22.22		
5	64QAM	1	0	22.36	22.39	22.35		
5	64QAM	1	12	22.12	22.25	22.30	23.5	2
5	64QAM	1	24	22.27	22.35	22.34		
5	64QAM	12	0	21.21	21.35	21.27		
5	64QAM	12	7	21.23	21.19	21.23	22.5	3
5	64QAM	12	13	21.17	21.39	21.33		
5	64QAM	25	0	21.26	21.32	21.28		
5	256QAM	1	0	19.13	19.27	19.24		
5	256QAM	1	12	19.16	19.25	19.23	20.5	5
5	256QAM	1	24	19.13	19.29	19.20		
5	256QAM	12	0	19.11	19.32	19.13		
5	256QAM	12	7	19.17	19.31	19.28	20.5	5
5	256QAM	12	13	19.12	19.34	19.28		
5	256QAM	25	0	19.19	19.30	19.30		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.24	24.49	24.38	25.5	0
3	QPSK	1	8	24.38	24.43	24.28		
3	QPSK	1	14	24.25	24.44	24.39		
3	QPSK	8	0	23.35	23.44	23.29		
3	QPSK	8	4	23.35	23.33	23.36	24.5	1
3	QPSK	8	7	23.20	23.34	23.25		
3	QPSK	15	0	23.12	23.39	23.28		
3	16QAM	1	0	23.20	23.46	23.31		
3	16QAM	1	8	23.23	23.18	23.20	24.5	1
3	16QAM	1	14	23.13	23.22	23.21		
3	16QAM	8	0	22.20	22.36	22.22		
3	16QAM	8	4	22.17	22.29	22.20	23.5	2
3	16QAM	8	7	22.21	22.33	22.16		
3	16QAM	15	0	22.19	22.28	22.20		
3	64QAM	1	0	22.33	22.43	22.39		
3	64QAM	1	8	22.18	22.25	22.29	23.5	2
3	64QAM	1	14	22.22	22.24	22.32		
3	64QAM	8	0	21.20	21.36	21.28		
3	64QAM	8	4	21.22	21.30	21.22	22.5	3
3	64QAM	8	7	21.21	21.34	21.24		
3	64QAM	15	0	21.25	21.30	21.24		
3	256QAM	1	0	19.13	19.29	19.23		
3	256QAM	1	8	19.22	19.26	19.20	20.5	5
3	256QAM	1	14	19.18	19.19	19.22		
3	256QAM	8	0	19.16	19.32	19.16		
3	256QAM	8	4	19.16	19.25	19.21	20.5	5
3	256QAM	8	7	19.21	19.26	19.31		
3	256QAM	15	0	19.22	19.29	19.24		
Channel				26687	26865	27043	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.28	24.46	24.34	25.5	0
1.4	QPSK	1	3	24.33	24.35	24.32		
1.4	QPSK	1	5	24.26	24.46	24.43		
1.4	QPSK	3	0	24.24	24.41	24.24		
1.4	QPSK	3	1	24.33	24.27	24.37		
1.4	QPSK	3	3	24.23	24.32	24.22		
1.4	QPSK	6	0	23.22	23.35	23.22	24.5	1
1.4	16QAM	1	0	23.23	23.48	23.26	24.5	1
1.4	16QAM	1	3	23.16	23.17	23.18		
1.4	16QAM	1	5	23.15	23.21	23.20		
1.4	16QAM	3	0	23.23	23.30	23.28		
1.4	16QAM	3	1	23.21	23.28	23.22		
1.4	16QAM	3	3	23.16	23.26	23.26		
1.4	16QAM	6	0	22.24	22.23	22.25	23.5	2
1.4	64QAM	1	0	22.27	22.47	22.37	23.5	2
1.4	64QAM	1	3	22.17	22.32	22.23		
1.4	64QAM	1	5	22.20	22.26	22.29		
1.4	64QAM	3	0	22.18	22.44	22.31		
1.4	64QAM	3	1	22.32	22.19	22.24		
1.4	64QAM	3	3	22.26	22.37	22.35		
1.4	64QAM	6	0	21.25	21.41	21.23	22.5	3
1.4	256QAM	1	0	19.20	19.31	19.24	20.5	5
1.4	256QAM	1	3	19.22	19.26	19.22		
1.4	256QAM	1	5	19.21	19.18	19.19		
1.4	256QAM	3	0	19.22	19.30	19.16		
1.4	256QAM	3	1	19.19	19.29	19.19		
1.4	256QAM	3	3	19.17	19.35	19.26		
1.4	256QAM	6	0	19.14	19.26	19.27	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.78	23.02	22.84	24	0
20	QPSK	1	49	22.86	22.91	22.93		
20	QPSK	1	99	22.84	22.96	22.94		
20	QPSK	50	0	21.75	21.95	21.80		
20	QPSK	50	24	21.81	21.85	21.80	23	1
20	QPSK	50	50	21.73	21.82	21.87		
20	QPSK	100	0	21.70	21.90	21.81		
20	16QAM	1	0	21.77	21.94	21.88		
20	16QAM	1	49	21.80	21.86	21.83	23	1
20	16QAM	1	99	21.82	21.92	21.83		
20	16QAM	50	0	20.74	20.93	20.78		
20	16QAM	50	24	20.71	20.78	20.85	22	2
20	16QAM	50	50	20.76	20.89	20.77		
20	16QAM	100	0	20.80	20.79	20.83		
20	64QAM	1	0	20.82	20.91	20.88		
20	64QAM	1	49	20.89	20.94	20.86	22	2
20	64QAM	1	99	20.81	20.92	20.94		
20	64QAM	50	0	19.85	19.98	19.82		
20	64QAM	50	24	19.86	19.94	19.85	21	3
20	64QAM	50	50	19.86	19.89	19.85		
20	64QAM	100	0	19.86	19.84	19.88		
20	256QAM	1	0	17.78	17.86	17.74		
20	256QAM	1	49	17.78	17.85	17.76	19	5
20	256QAM	1	99	17.69	17.81	17.78		
20	256QAM	50	0	17.70	17.90	17.81		
20	256QAM	50	24	17.70	17.79	17.82	19	5
20	256QAM	50	50	17.76	17.77	17.81		
20	256QAM	100	0	17.74	17.86	17.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.68	22.98	22.69	24	0
15	QPSK	1	37	22.74	22.96	22.82		
15	QPSK	1	74	22.75	22.85	22.80		
15	QPSK	36	0	21.64	21.89	21.72	23	1
15	QPSK	36	20	21.67	21.70	21.72		
15	QPSK	36	39	21.66	21.73	21.74		
15	QPSK	75	0	21.61	21.81	21.72		
15	16QAM	1	0	21.66	21.82	21.78		
15	16QAM	1	37	21.66	21.75	21.74	23	1
15	16QAM	1	74	21.74	21.86	21.74		
15	16QAM	36	0	20.66	20.80	20.71		
15	16QAM	36	20	20.58	20.74	20.74	22	2
15	16QAM	36	39	20.67	20.84	20.73		
15	16QAM	75	0	20.75	20.86	20.80		
15	64QAM	1	0	20.71	20.81	20.81		
15	64QAM	1	37	20.79	20.85	20.77	22	2
15	64QAM	1	74	20.72	20.83	20.90		
15	64QAM	36	0	19.77	19.94	19.73	21	3
15	64QAM	36	20	19.74	19.89	19.81		
15	64QAM	36	39	19.73	19.85	19.80		
15	64QAM	75	0	19.73	19.76	19.81		
15	256QAM	1	0	17.74	17.72	17.69	19	5
15	256QAM	1	37	17.68	17.74	17.65		
15	256QAM	1	74	17.55	17.67	17.65		
15	256QAM	36	0	17.60	17.76	17.78	19	5
15	256QAM	36	20	17.57	17.74	17.76		
15	256QAM	36	39	17.57	17.67	17.77		
15	256QAM	75	0	17.64	17.81	17.64		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.72	22.98	22.80	24	0
10	QPSK	1	25	22.74	22.86	22.81		
10	QPSK	1	49	22.73	22.90	22.88		
10	QPSK	25	0	21.72	21.87	21.77	23	1
10	QPSK	25	12	21.66	21.76	21.67		
10	QPSK	25	25	21.59	21.70	21.82		
10	QPSK	50	0	21.67	21.86	21.76		
10	16QAM	1	0	21.69	21.89	21.73	23	1
10	16QAM	1	25	21.68	21.82	21.72		
10	16QAM	1	49	21.77	21.88	21.72		
10	16QAM	25	0	20.60	20.81	20.75	22	2
10	16QAM	25	12	20.65	20.68	20.74		
10	16QAM	25	25	20.71	20.80	20.68		
10	16QAM	50	0	20.67	20.72	20.74		
10	64QAM	1	0	20.71	20.84	20.76	22	2
10	64QAM	1	25	20.77	20.84	20.79		
10	64QAM	1	49	20.67	20.85	20.89		
10	64QAM	25	0	19.77	19.91	19.70	21	3
10	64QAM	25	12	19.82	19.77	19.76		
10	64QAM	25	25	19.75	19.80	19.71		
10	64QAM	50	0	19.77	19.76	19.73		
10	256QAM	1	0	17.67	17.76	17.64	19	5
10	256QAM	1	25	17.64	17.73	17.67		
10	256QAM	1	49	17.63	17.75	17.65		
10	256QAM	25	0	17.66	17.75	17.75	19	5
10	256QAM	25	12	17.61	17.76	17.73		
10	256QAM	25	25	17.69	17.71	17.75		
10	256QAM	50	0	17.59	17.74	17.66		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.73	22.92	22.70	24	0
5	QPSK	1	12	22.75	22.83	22.82		
5	QPSK	1	24	22.70	22.93	22.86		
5	QPSK	12	0	21.71	21.91	21.75	23	1
5	QPSK	12	7	21.71	21.74	21.74		
5	QPSK	12	13	21.64	21.69	21.79		
5	QPSK	25	0	21.62	21.77	21.70		
5	16QAM	1	0	21.71	21.90	21.82	23	1
5	16QAM	1	12	21.67	21.78	21.76		
5	16QAM	1	24	21.72	21.77	21.71		
5	16QAM	12	0	20.66	20.80	20.69	22	2
5	16QAM	12	7	20.61	20.71	20.79		
5	16QAM	12	13	20.70	20.81	20.68		
5	16QAM	25	0	20.76	20.74	20.76		
5	64QAM	1	0	20.77	20.86	20.81	22	2
5	64QAM	1	12	20.83	20.79	20.77		
5	64QAM	1	24	20.76	20.80	20.88		
5	64QAM

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BW [MHz]	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	22.60	22.66	22.62	23.5	0
20	QPSK	1	49	22.54	22.62	22.51		
20	QPSK	1	99	22.53	22.53	22.61		
20	QPSK	50	0	21.40	21.56	21.39	22.5	1
20	QPSK	50	24	21.36	21.50	21.43		
20	QPSK	50	50	21.36	21.48	21.52		
20	QPSK	100	0	21.32	21.56	21.40		
20	16QAM	1	0	21.48	21.54	21.53	22.5	1
20	16QAM	1	49	21.40	21.46	21.36		
20	16QAM	1	99	21.29	21.44	21.47		
20	16QAM	50	0	20.32	20.48	20.38	21.5	2
20	16QAM	50	24	20.30	20.41	20.33		
20	16QAM	50	50	20.28	20.40	20.30		
20	16QAM	100	0	20.32	20.33	20.32		
20	64QAM	1	0	20.44	20.51	20.55	21.5	2
20	64QAM	1	49	20.43	20.54	20.37		
20	64QAM	1	99	20.44	20.45	20.50		
20	64QAM	50	0	19.36	19.51	19.40	20.5	3
20	64QAM	50	24	19.39	19.45	19.44		
20	64QAM	50	50	19.38	19.47	19.41		
20	64QAM	100	0	19.34	19.45	19.40		
20	256QAM	1	0	17.33	17.42	17.43	18.5	5
20	256QAM	1	49	17.38	17.44	17.44		
20	256QAM	1	99	17.42	17.51	17.35		
20	256QAM	50	0	17.32	17.54	17.48	18.5	5
20	256QAM	50	24	17.42	17.44	17.40		
20	256QAM	50	50	17.44	17.42	17.34		
20	256QAM	100	0	17.40	17.44	17.42		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.47	22.56	22.49	23.5	0
15	QPSK	1	37	22.51	22.56	22.42		
15	QPSK	1	74	22.46	22.41	22.55		
15	QPSK	36	0	21.30	21.49	21.32	22.5	1
15	QPSK	36	20	21.26	21.37	21.37		
15	QPSK	36	39	21.30	21.37	21.48		
15	QPSK	75	0	21.21	21.45	21.26		
15	16QAM	1	0	21.34	21.49	21.44	22.5	1
15	16QAM	1	37	21.28	21.32	21.25		
15	16QAM	1	74	21.20	21.36	21.37		
15	16QAM	36	0	20.19	20.34	20.34	21.5	2
15	16QAM	36	20	20.27	20.34	20.21		
15	16QAM	36	39	20.19	20.29	20.21		
15	16QAM	75	0	20.24	20.24	20.29		
15	64QAM	1	0	20.37	20.41	20.41	21.5	2
15	64QAM	1	37	20.35	20.44	20.33		
15	64QAM	1	74	20.29	20.39	20.39		
15	64QAM	36	0	19.21	19.45	19.34	20.5	3
15	64QAM	36	20	19.27	19.36	19.39		
15	64QAM	36	39	19.28	19.39	19.37		
15	64QAM	75	0	19.26	19.32	19.36		
15	256QAM	1	0	17.25	17.35	17.29	18.5	5
15	256QAM	1	37	17.28	17.38	17.34		
15	256QAM	1	74	17.29	17.41	17.21		
15	256QAM	36	0	17.28	17.48	17.40	18.5	5
15	256QAM	36	20	17.38	17.30	17.33		
15	256QAM	36	39	17.34	17.34	17.30		
15	256QAM	75	0	17.34	17.32	17.34		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.49	22.59	22.57	23.5	0
10	QPSK	1	25	22.50	22.55	22.38		
10	QPSK	1	49	22.50	22.40	22.56		
10	QPSK	25	0	21.34	21.41	21.33	22.5	1
10	QPSK	25	12	21.22	21.41	21.35		
10	QPSK	25	25	21.31	21.36	21.40		
10	QPSK	50	0	21.25	21.47	21.33		
10	16QAM	1	0	21.38	21.45	21.49	22.5	1
10	16QAM	1	25	21.25	21.36	21.26		
10	16QAM	1	49	21.20	21.38	21.44		
10	16QAM	25	0	20.24	20.42	20.23	21.5	2
10	16QAM	25	12	20.25	20.36	20.20		
10	16QAM	25	25	20.19	20.25	20.26		
10	16QAM	50	0	20.20	20.24	20.26		
10	64QAM	1	0	20.29	20.41	20.52	21.5	2
10	64QAM	1	25	20.35	20.41	20.33		
10	64QAM	1	49	20.39	20.36	20.40		
10	64QAM	25	0	19.22	19.45	19.33	20.5	3
10	64QAM	25	12	19.35	19.31	19.29		
10	64QAM	25	25	19.31	19.40	19.28		
10	64QAM	50	0	19.30	19.34	19.26		
10	256QAM	1	0	17.24	17.36	17.34	18.5	5
10	256QAM	1	25	17.31	17.38	17.31		
10	256QAM	1	49	17.29	17.46	17.29		
10	256QAM	25	0	17.20	17.40	17.42	18.5	5
10	256QAM	25	12	17.28	17.33	17.26		
10	256QAM	25	25	17.36	17.36	17.24		
10	256QAM	50	0	17.27	17.38	17.37		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.46	22.53	22.57	23.5	0
5	QPSK	1	12	22.42	22.55	22.45		
5	QPSK	1	24	22.43	22.45	22.46		
5	QPSK	12	0	21.31	21.52	21.30	22.5	1
5	QPSK	12	7	21.28	21.43	21.39		
5	QPSK	12	13	21.30	21.37	21.42		
5	QPSK	25	0	21.22	21.43	21.25		
5	16QAM	1	0	21.38	21.48	21.40	22.5	1
5	16QAM	1	12	21.30	21.34	21.37		
5	16QAM	1	24	21.15	21.36	21.43		
5	16QAM	12	0	20.21	20.42	20.30	21.5	2
5	16QAM	12	7	20.21	20.28	20.24		
5	16QAM	12	13	20.22	20.26	20.16		
5	16QAM	25	0	20.26	20.25	20.24		
5	64QAM	1	0	20.33	20.44	20.47	21.5	2
5	64QAM	1	12	20.38	20.43	20.31		
5	64QAM	1	24	20.30	20.33	20.44		
5	64QAM	12	0	19.29	19.40	19.32	20.5	3
5	64QAM	12	7	19.33	19.32	19.39		
5	64QAM	12	13	19.25	19.33	19.31		
5	64QAM	25	0	19.25	19.41	19.36		
5	256QAM	1	0	17.25	17.29	17.38	18.5	5
5	256QAM	1	12	17.28	17.40	17.40		
5	256QAM	1	24	17.27	17.40	17.22		
5	256QAM	12	0	17.25	17.47	17.44	18.5	5
5	256QAM	12	7	17.35	17.30	17.35		
5	256QAM	12	13	17.33	17.37	17.23		
5	256QAM	25	0	17.33	17.30	17.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.68	22.61	22.72	22.55	22.52	23.5	0
20	QPSK	1	49	22.61	22.58	22.64	22.57	22.46		
20	QPSK	1	99	22.51	22.56	22.59	22.65	22.49		
20	QPSK	50	0	21.54	21.46	21.65	21.57	21.55	22.5	1
20	QPSK	50	24	21.45	21.49	21.48	21.47	21.45		
20	QPSK	50	50	21.43	21.43	21.61	21.55	21.41		
20	QPSK	100	0	21.43	21.39	21.58	21.41	21.46		
20	16QAM	1	0	21.44	21.55	21.56	21.55	21.52	22.5	1
20	16QAM	1	49	21.42	21.28	21.45	21.43	21.32		
20	16QAM	1	99	21.29	21.30	21.34	21.43	21.34		
20	16QAM	50	0	20.50	20.38	20.54	20.40	20.46	21.5	2
20	16QAM	50	24	20.36	20.41	20.44	20.47	20.33		
20	16QAM	50	50	20.39	20.44	20.49	20.48	20.30		
20	16QAM	100	0	20.38	20.40	20.50	20.42	20.41		
20	64QAM	1	0	20.54	20.53	20.71	20.64	20.60	21.5	2
20	64QAM	1	49	20.31	20.39	20.44	20.39	20.38		
20	64QAM	1	99	20.39	20.32	20.49	20.37	20.33		
20	64QAM	50	0	19.47	19.48	19.58	19.43	19.47	20.5	3
20	64QAM	50	24	19.29	19.43	19.45	19.40	19.36		
20	64QAM	50	50	19.39	19.43	19.45	19.53	19.42		
20	64QAM	100	0	19.36	19.50	19.45	19.52	19.36		
20	256QAM	1	0	17.39	17.43	17.47	17.51	17.44	18.5	5
20	256QAM	1	49	17.36	17.49	17.45	17.46	17.39		
20	256QAM	1	99	17.50	17.43	17.55	17.49	17.43		
20	256QAM	50	0	17.51	17.44	17.63	17.51	17.52	18.5	5
20	256QAM	50	24	17.41	17.52	17.52	17.47	17.43		
20	256QAM	50	50	17.36	17.43	17.46	17.50	17.33		
20	256QAM	100	0	17.43	17.48	17.55	17.49	17.42		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.53	22.42	22.61	22.44	22.51	23.50	0
15	QPSK	1	37	22.46	22.48	22.51	22.43	22.43		
15	QPSK	1	74	22.40	22.47	22.49	22.55	22.37		
15	QPSK	36	0	21.41	21.32	21.55	21.44	21.40	22.5	1
15	QPSK	36	20	21.31	21.37	21.36	21.35	21.33		
15	QPSK	36	39	21.29	21.32	21.48	21.42	21.30		
15	QPSK	75	0	21.34	21.25	21.47	21.32	21.32		
15	16QAM	1	0	21.34	21.41	21.47	21.43	21.37	22.5	1
15	16QAM	1	37	21.31	21.15	21.32	21.30	21.19		
15	16QAM	1	74	21.17	21.17	21.20	21.32	21.23		
15	16QAM	36	0	20.39	20.25	20.43	20.30	20.32	21.5	2
15	16QAM	36	20	20.23	20.29	20.30	20.35	20.20		
15	16QAM	36	39	20.29	20.33	20.35	20.35	20.18		
15	16QAM	75	0	20.26	20.29	20.39	20.32	20.27		
15	64QAM	1	0	20.39	20.42	20.57	20.50	20.48	21.5	2
15	64QAM	1	37	20.18	20.29	20.30	20.29	20.26		
15	64QAM	1	74	20.29	20.22	20.37	20.27	20.18		
15	64QAM	36	0	19.37	19.36	19.45	19.30	19.37	20.5	3
15	64QAM	36	20	19.17	19.29	19.32	19.26	19.24		
15	64QAM	36	39	19.25	19.34	19.30	19.43	19.29		
15	64QAM	75	0	19.25	19.41	19.34	19.39	19.25		
15	256QAM	1	0	17.28	17.33	17.37	17.36	17.31	18.5	5
15	256QAM	1	37	17.26	17.39	17.33	17.33	17.29		
15	256QAM	1	74	17.35	17.30	17.44	17.39	17.31		
15	256QAM	36	0	17.37	17.33	17.48	17.36	17.41	18.5	5
15	256QAM	36	20	17.29	17.40	17.40	17.37	17.31		
15	256QAM	36	39	17.24	17.32	17.33	17.40	17.24		
15	256QAM	75	0	17.33	17.38	17.45	17.37	17.30		
Channel				39700	40100	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.55	22.42	22.63	22.41	22.52	23.50	0
10	QPSK	1	25	22.49	22.43	22.55	22.43	22.42		
10	QPSK	1	49	22.42	22.41	22.48	22.51	22.37		
10	QPSK	25	0	21.40	21.32	21.55	21.44	21.40	22.5	1
10	QPSK	25	12	21.35	21.35	21.33	21.37	21.30		
10	QPSK	25	25	21.31	21.32	21.51	21.45	21.34		
10	QPSK	50	0	21.30	21.25	21.45	21.28	21.36		
10	16QAM	1	0	21.34	21.44	21.46	21.40	21.43	22.5	1
10	16QAM	1	25	21.29	21.16	21.32	21.33	21.20		
10	16QAM	1	49	21.19	21.18	21.20	21.32	21.21		
10	16QAM	25	0	20.36	20.24	20.45	20.27	20.34	21.5	2
10	16QAM	25	12	20.25	20.29	20.33	20.37	20.24		
10	16QAM	25	25	20.26	20.30	20.38	20.36	20.19		
10	16QAM	50	0	20.24	20.26	20.39	20.31	20.30		
10	64QAM	1	0	20.44	20.41	20.60	20.52	20.50	21.5	2
10	64QAM	1	25	20.21	20.29	20.33	20.25	20.26		
10	64QAM	1	49	20.28	20.21	20.34	20.23	20.23		
10	64QAM	25	0	19.33	19.38	19.49	19.29	19.36	20.5	3
10	64QAM	25	12	19.19	19.34	19.33	19.30	19.26		
10	64QAM	25	25	19.29	19.29	19.34	19.38	19.28		
10	64QAM	50	0	19.25	19.40	19.32	19.39	19.24		
10	256QAM	1	0	17.29	17.30	17.34	17.42	17.35	18.5	5
10	256QAM	1	25	17.24	17.35	17.36	17.36	17.25		
10	256QAM	1	49	17.35	17.33	17.44	17.36	17.30		
10	256QAM	25	0	17.41	17.31	17.49	17.38	17.41	18.5	5
10	256QAM	25	12	17.30	17.42	17.40	17.34	17.32		
10	256QAM	25	25	17.24	17.32	17.36	17.38	17.19		
10	256QAM	50	0	17.29	17.39	17.45	17.35	17.29		
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	22.59	22.39	22.61	22.46	22.54	23.50	0
5	QPSK	1	12	22.48	22.49	22.52	22.43	22.44		
5	QPSK	1	24	22.37	22.42	22.44	22.53	22.35		
5	QPSK	12	0	21.40	21.31	21.53	21.44	21.45	22.5	1
5	QPSK	12	7	21.36	21.36	21.33	21.32	21.33		
5	QPSK	12	13	21.29	21.30	21.47	21.44	21.35		
5	QPSK	25	0	21.32	21.25	21.47	21.28	21.35		
5	16QAM	1	0	21.32	21.45	21.47	21.41	21.42	22.5	1
5	16QAM	1	12	21.29	21.13	21.35	21.32	21.22		
5	16QAM	1	24	21.14	21.17	21.20	21.31	21.19		
5	16QAM	12	0	20.36	20.28	20.41	20.27	20.37	21.5	2
5	16QAM	12	7	20.26	20.26	20.31	20.36	20.20		
5	16QAM	12	13	20.24	20.31	20.37	20.39	20.20		
5	16QAM	25	0	20.27	20.29	20.37	20.31	20.26		
5	64QAM	1	0	20.43	20.42	20.56	20.50	20.48	21.5	2
5	64QAM	1	12	20.17	20.29	20.34	20.24	20.27		
5	64QAM	1	24	20.26	20.19	20.40	20.23	20.18		
5	64QAM	12	0	19.35	19.34	19.46	19.29	19.36	20.5	3
5	64QAM	12	7	19.17	19.31	19.35	19.26	19.24		
5	64QAM	12	13	19.29	19.33	19.35	19.41	19.27		
5	64QAM	25	0	19.23	19.36	19.31	19.37	19.22		
5	256QAM	1	0	17.26	17.32	17.36	17.39	17.29	18.5	5
5	256QAM	1	12	17.26	17.36	17.32	17.35	17.28		
5	256QAM	1	24	17.37	17.28	17.43	17.36	17.33		
5	256QAM	12	0	17.40	17.34	17.51	17.41	17.38	18.5	5
5	256QAM	12	7	17.27	17.38	17.38	17.33	17.33		
5	256QAM	12	13	17.24	17.28	17.34	17.36	17.19		
5	256QAM	25	0	17.30	17.35	17.42	17.37	17.31		

Band 42 Ant0 FCC Part27Q 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.95	22.01	21.87	24	0
20	QPSK	1	49	21.74	21.89	21.77		
20	QPSK	1	99	21.89	21.94	21.89		
20	QPSK	50	0	21.03	21.08	20.97	22	2
20	QPSK	50	24	20.86	20.91	20.87		
20	QPSK	50	50	20.91	20.99	20.91		
20	QPSK	100	0	20.90	21.00	20.95		
20	16QAM	1	0	21.06	21.10	21.06	22	2
20	16QAM	1	49	20.84	20.96	20.90		
20	16QAM	1	99	20.91	21.01	20.97		
20	16QAM	50	0	19.93	20.06	19.93	21	3
20	16QAM	50	24	19.92	20.02	19.96		
20	16QAM	50	50	19.80	19.95	19.89		
20	16QAM	100	0	19.99	20.03	19.93		
20	64QAM	1	0	17.89	17.98	17.84	19	5
20	64QAM	1	49	17.80	17.86	17.83		
20	64QAM	1	99	17.84	17.91	17.77		
20	64QAM	50	0	17.95	18.04	17.89	19	5
20	64QAM	50	24	17.88	17.93	17.88		
20	64QAM	50	50	17.73	17.87	17.82		
20	64QAM	100	0	17.86	17.98	17.91		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.76	22.97	22.94	24	0
15	QPSK	1	37	22.82	22.91	22.85		
15	QPSK	1	74	22.73	22.90	22.81		
15	QPSK	36	0	21.92	22.06	21.96	23	1
15	QPSK	36	20	21.85	21.92	21.82		
15	QPSK	36	39	21.73	21.90	21.75		
15	QPSK	75	0	21.72	21.84	21.80		
15	16QAM	1	0	21.85	21.96	21.80	23	1
15	16QAM	1	37	21.59	21.75	21.70		
15	16QAM	1	74	21.76	21.85	21.81		
15	16QAM	36	0	20.99	20.96	20.83	22	2
15	16QAM	36	20	20.74	20.88	20.74		
15	16QAM	36	39	20.86	20.89	20.86		
15	16QAM	75	0	20.78	20.87	20.87		
15	64QAM	1	0	20.96	21.02	20.92	22	2
15	64QAM	1	37	20.75	20.85	20.80		
15	64QAM	1	74	20.85	20.90	20.92		
15	64QAM	36	0	19.82	19.96	19.87	21	3
15	64QAM	36	20	19.79	19.94	19.90		
15	64QAM	36	39	19.75	19.85	19.76		
15	64QAM	75	0	19.84	19.90	19.81		
15	256QAM	1	0	17.77	17.87	17.73	19	5
15	256QAM	1	37	17.66	17.79	17.72		
15	256QAM	1	74	17.73	17.84	17.68		
15	256QAM	36	0	17.91	17.93	17.85	19	5
15	256QAM	36	20	17.81	17.90	17.75		
15	256QAM	36	39	17.67	17.74	17.78		
15	256QAM	75	0	17.71	17.93	17.86		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.70	22.99	22.90	24	0
10	QPSK	1	25	22.75	22.89	22.86		
10	QPSK	1	49	22.81	22.85	22.74		
10	QPSK	25	0	21.86	22.04	21.92	23	1
10	QPSK	25	12	21.86	21.88	21.87		
10	QPSK	25	25	21.80	21.88	21.75		
10	QPSK	50	0	21.70	21.88	21.83		
10	16QAM	1	0	21.90	21.88	21.73	23	1
10	16QAM	1	25	21.61	21.80	21.73		
10	16QAM	1	49	21.78	21.90	21.76		
10	16QAM	25	0	20.95	21.00	20.91	22	2
10	16QAM	25	12	20.82	20.80	20.72		
10	16QAM	25	25	20.79	20.94	20.76		
10	16QAM	50	0	20.76	20.96	20.85		
10	64QAM	1	0	21.00	20.96	21.02	22	2
10	64QAM	1	25	20.74	20.83	20.80		
10	64QAM	1	49	20.81	20.91	20.84		
10	64QAM	25	0	19.81	19.94	19.88	21	3
10	64QAM	25	12	19.85	19.94	19.89		
10	64QAM	25	25	19.70	19.82	19.75		
10	64QAM	50	0	19.88	19.94	19.81		
10	256QAM	1	0	17.79	17.85	17.76	19	5
10	256QAM	1	25	17.75	17.76	17.77		
10	256QAM	1	49	17.77	17.78	17.66		
10	256QAM	25	0	17.83	17.91	17.85	19	5
10	256QAM	25	12	17.74	17.88	17.80		
10	256QAM	25	25	17.66	17.73	17.73		
10	256QAM	50	0	17.82	17.86	17.88		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.81	22.93	22.87	24	0
5	QPSK	1	12	22.78	22.85	22.86		
5	QPSK	1	24	22.78	22.86	22.71		
5	QPSK	12	0	21.93	21.98	21.95	23	1
5	QPSK	12	7	21.87	21.88	21.86		
5	QPSK	12	13	21.74	21.90	21.76		
5	QPSK	25	0	21.74	21.85	21.76		
5	16QAM	1	0	21.86	21.91	21.74	23	1
5	16QAM	1	12	21.66	21.83	21.68		
5	16QAM	1	24	21.75	21.86	21.78		
5	16QAM	12	0	20.93	21.05	20.82	22	2
5	16QAM	12	7	20.77	20.79	20.79		
5	16QAM	12	13	20.78	20.93	20.77		
5	16QAM	25	0	20.81	20.87	20.80		
5	64QAM	1	0	20.97	21.07	21.01	22	2
5	64QAM	1	12

GSM850 Ant1 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	32.25	32.19	32.18	32.50	23.25	23.19	23.18	23.50
GPRS 1 Tx slot	32.22	32.16	32.06	32.50	23.22	23.16	23.06	23.50
GPRS 2 Tx slots	29.13	29.11	28.97	29.50	23.13	23.11	22.97	23.50
GPRS 3 Tx slots	27.15	27.23	26.93	27.50	22.89	22.97	22.67	23.24
GPRS 4 Tx slots	25.98	26.24	26.12	26.50	22.98	23.24	23.12	23.50
EDGE 1 Tx slot	25.91	26.04	25.92	26.50	16.91	17.04	16.92	17.50
EDGE 2 Tx slots	22.85	23.11	22.86	23.50	16.85	17.11	16.86	17.50
EDGE 3 Tx slots	21.21	21.25	21.08	21.50	16.95	16.99	16.82	17.24
EDGE 4 Tx slots	20.32	20.37	20.10	20.50	17.32	17.37	17.10	17.50

WCDMA V Ant1 DSI3

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	23.54	23.50	23.43	24.00
3GPP Rel 99	RMC 12.2Kbps	23.60	23.63	23.45	24.00
3GPP Rel 6	HSDPA Subtest-1	22.48	22.64	22.46	23.00
3GPP Rel 6	HSDPA Subtest-2	22.37	22.61	22.47	23.00
3GPP Rel 6	HSDPA Subtest-3	21.99	22.08	21.90	22.50
3GPP Rel 6	HSDPA Subtest-4	22.10	21.87	22.14	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.48	22.67	22.41	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.34	22.53	22.65	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.87	22.01	21.92	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.22	22.09	21.89	22.50
3GPP Rel 6	HSUPA Subtest-1	22.61	22.70	22.40	23.00
3GPP Rel 6	HSUPA Subtest-2	20.41	20.47	20.45	21.00
3GPP Rel 6	HSUPA Subtest-3	21.41	21.56	21.59	22.00
3GPP Rel 6	HSUPA Subtest-4	20.51	20.62	20.50	21.00
3GPP Rel 6	HSUPA Subtest-5	22.37	22.59	22.42	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.96	20.03	19.90	20.50

Band 5 Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.28	23.32	23.26		
10	QPSK	1	25	23.14	23.17	23.14	24	0
10	QPSK	1	49	23.17	23.21	23.07		
10	QPSK	25	0	23.14	23.26	23.11		
10	QPSK	25	12	23.04	23.16	23.03	24	0
10	QPSK	25	25	23.12	23.23	23.18		
10	QPSK	50	0	22.99	23.16	23.06		
10	16QAM	1	0	23.01	23.20	23.09		
10	16QAM	1	25	23.09	23.07	23.09	24	0
10	16QAM	1	49	23.12	23.22	23.16		
10	16QAM	25	0	22.02	22.14	22.05		
10	16QAM	25	12	21.99	22.09	22.01	23	1
10	16QAM	25	25	21.95	22.07	22.04		
10	16QAM	50	0	21.96	22.07	22.04		
10	64QAM	1	0	22.10	22.13	22.19		
10	64QAM	1	25	22.05	22.12	22.10	23	1
10	64QAM	1	49	22.04	22.15	22.09		
10	64QAM	25	0	20.96	21.18	20.96		
10	64QAM	25	12	21.01	21.04	21.00	22	2
10	64QAM	25	25	21.02	21.05	21.01		
10	64QAM	50	0	20.99	21.07	21.09		
10	256QAM	1	0	19.00	19.03	18.90		
10	256QAM	1	25	18.97	19.02	18.94	20	4
10	256QAM	1	49	18.87	19.02	18.93		
10	256QAM	25	0	18.91	19.11	18.97		
10	256QAM	25	12	18.94	18.98	19.00	20	4
10	256QAM	25	25	18.85	19.10	18.93		
10	256QAM	50	0	18.91	19.03	18.99		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.14	23.19	23.18		
5	QPSK	1	12	23.05	23.10	23.03	24	0
5	QPSK	1	24	23.11	23.10	22.95		
5	QPSK	12	0	23.02	23.18	23.06		
5	QPSK	12	7	22.89	23.03	22.92	24	0
5	QPSK	12	13	23.05	23.19	23.06		
5	QPSK	25	0	22.91	23.04	22.96		
5	16QAM	1	0	22.87	23.15	23.01		
5	16QAM	1	12	23.01	22.97	22.95	24	0
5	16QAM	1	24	23.07	23.08	23.13		
5	16QAM	12	0	21.90	22.05	21.99		
5	16QAM	12	7	21.91	22.03	21.93	23	1
5	16QAM	12	13	21.91	21.96	21.92		
5	16QAM	25	0	21.89	22.02	21.90		
5	64QAM	1	0	21.98	22.07	22.11		
5	64QAM	1	12	22.00	22.05	22.05	23	1
5	64QAM	1	24	21.96	22.03	21.94		
5	64QAM	12	0	20.81	21.14	20.92		
5	64QAM	12	7	20.86	20.89	20.90	22	2
5	64QAM	12	13	20.97	21.00	20.95		
5	64QAM	25	0	20.96	20.98	20.94		
5	256QAM	1	0	18.94	18.92	18.77		
5	256QAM	1	12	18.89	18.89	18.90	20	4
5	256QAM	1	24	18.79	18.94	18.83		
5	256QAM	12	0	18.88	19.02	18.92		
5	256QAM	12	7	18.84	18.86	18.86	20	4
5	256QAM	12	13	18.78	18.98	18.80		
5	256QAM	25	0	18.82	18.95	18.96		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.25	23.29	23.20		
3	QPSK	1	8	23.04	23.13	23.03	24	0
3	QPSK	1	14	23.08	23.15	22.99		
3	QPSK	8	0	23.01	23.22	23.04		
3	QPSK	8	4	23.01	23.05	22.88	24	0
3	QPSK	8	7	23.02	23.15	23.03		
3	QPSK	15	0	22.88	23.10	22.94		
3	16QAM	1	0	22.94	23.15	23.00		
3	16QAM	1	8	22.98	23.01	22.95	24	0
3	16QAM	1	14	23.06	23.13	23.02		
3	16QAM	8	0	21.99	22.05	22.00		
3	16QAM	8	4	21.92	22.06	21.93	23	1
3	16QAM	8	7	21.81	22.01	21.96		
3	16QAM	15	0	21.91	22.03	21.94		
3	64QAM	1	0	22.04	22.09	22.11		
3	64QAM	1	8	22.02	22.06	21.97	23	1
3	64QAM	1	14	21.91	22.05	22.04		
3	64QAM	8	0	20.88	21.03	20.83		
3	64QAM	8	4	20.90	20.97	20.92	22	2
3	64QAM	8	7	20.88	20.97	20.91		
3	64QAM	15	0	20.90	20.99	20.96		
3	256QAM	1	0	18.96	18.97	18.82		
3	256QAM	1	8	18.90	18.93	18.91	20	4
3	256QAM	1	14	18.80	18.91	18.82		
3	256QAM	8	0	18.81	19.00	18.92		
3	256QAM	8	4	18.84	18.87	18.91	20	4
3	256QAM	8	7	18.77	19.04	18.83		
3	256QAM	15	0	18.77	18.92	18.87		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.19	23.18	23.20		
1.4	QPSK	1	3	23.01	23.10	23.07	24	0
1.4	QPSK	1	5	23.08	23.16	22.97		
1.4	QPSK	3	0	23.01	23.14	23.03		
1.4	QPSK	3	1	22.92	23.01	22.98		
1.4	QPSK	3	3	22.99	23.14	23.08		
1.4	QPSK	6	0	22.86	23.12	23.03	24	0
1.4	16QAM	1	0	22.94	23.05	23.00		
1.4	16QAM	1	3	22.96	23.04	23.05	24	0
1.4	16QAM	1	5	23.00	23.09	23.03		
1.4	16QAM	3	0	22.95	23.06	22.90		
1.4	16QAM	3	1	22.85	22.98	22.88		
1.4	16QAM	3	3	22.86	22.98	22.98		
1.4	16QAM	6	0	21.85	22.01	21.97	23	1
1.4	64QAM	1	0	21.98	22.05	22.11		
1.4	64QAM	1	3	21.93	21.98	21.96		
1.4	64QAM	1	5	21.92	22.06	21.98	23	1
1.4	64QAM	3	0	21.83	22.15	21.87		
1.4	64QAM	3	1	21.86	22.01	21.88		
1.4	64QAM	3	3	21.95	21.92	21.94		
1.4	64QAM	6	0	20.88	20.94	21.01	22	2
1.4	256QAM	1	0	18.89	18.94	18.81		
1.4	256QAM	1	3	18.85	18.89	18.84		
1.4	256QAM	1	5	18.74	18.99	18.87	20	4
1.4	256QAM	3	0	18.86	19.04	18.92		
1.4	256QAM	3	1	18.86	18.92	18.85		
1.4	256QAM	3	3	18.82	19.06	18.88		
1.4	256QAM	6	0	18.86	18.94	18.89	20	4

Band 12 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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.27	24.31	24.24		
10	QPSK	1	25	24.13	24.24	24.20	25.5	0
10	QPSK	1	49	24.13	24.26	24.13		
10	QPSK	25	0	23.15	23.27	23.09		
10	QPSK	25	12	23.15	23.19	23.18	24.5	1
10	QPSK	25	25	23.15	23.12	23.08		
10	QPSK	50	0	23.02	23.22	23.07		
10	16QAM	1	0	23.25	23.39	23.32		
10	16QAM	1	25	23.18	23.24	23.21	24.5	1
10	16QAM	1	49	23.14	23.28	23.17		
10	16QAM	25	0	22.18	22.32	22.14		
10	16QAM	25	12	22.20	22.23	22.13	23.5	2
10	16QAM	25	25	22.11	22.18	22.14		
10	16QAM	50	0	22.13	22.27	22.20		
10	64QAM	1	0	22.27	22.30	22.30		
10	64QAM	1	25	22.11	22.17	22.16	23.5	2
10	64QAM	1	49	22.07	22.24	22.18		
10	64QAM	25	0	21.09	21.26	21.14		
10	64QAM	25	12	21.05	21.14	21.09	22.5	3
10	64QAM	25	25	21.07	21.17	21.19		
10	64QAM	50	0	21.05	21.22	21.08		
10	256QAM	1	0	19.10	19.17	19.19		
10	256QAM	1	25	19.12	19.18	19.23	20.5	5
10	256QAM	1	49	19.13	19.19	19.24		
10	256QAM	25	0	19.17	19.31	19.17		
10	256QAM	25	12	19.11	19.18	19.15	20.5	5
10	256QAM	25	25	19.15	19.27	19.18		
10	256QAM	50	0	19.09	19.18	19.16		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.16	24.17	24.09		
5	QPSK	1	12	24.00	24.11	24.07	25.5	0
5	QPSK	1	24	24.02	24.20	24.08		
5	QPSK	12	0	23.09	23.24	22.95		
5	QPSK	12	7	23.03	23.14	23.15	24.5	1
5	QPSK	12	13	23.08	22.99	22.96		
5	QPSK	25	0	22.87	23.13	22.93		
5	16QAM	1	0	23.19	23.35	23.17		
5	16QAM	1	12	23.03	23.19	23.16	24.5	1
5	16QAM	1	24	23.02	23.18	23.06		
5	16QAM	12	0	22.07	22.27	22.05		
5	16QAM	12	7	22.11	22.13	22.02	23.5	2
5	16QAM	12	13	22.03	22.14	22.05		
5	16QAM	25	0	22.01	22.16	22.15		
5	64QAM	1	0	22.13	22.24	22.22		
5	64QAM	1	12	22.06	22.02	22.09	23.5	2
5	64QAM	1	24	21.99	22.13	22.11		
5	64QAM	12	0	21.02	21.17	21.07		
5	64QAM	12	7	20.99	21.05	20.96	22.5	3
5	64QAM	12	13	21.03	21.14	21.06		
5	64QAM	25	0	21.01	21.10	20.93		
5	256QAM	1	0	18.96	19.11	19.14		
5	256QAM	1	12	19.08	19.03	19.16	20.5	5
5	256QAM	1	24	19.08	19.08	19.21		
5	256QAM	12	0	19.11	19.21	19.06		
5	256QAM	12	7	18.99	19.13	19.03	20.5	5
5	256QAM	12	13	19.07	19.21	19.14		
5	256QAM	25	0	19.02	19.09	19.10		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.14	24.22	24.10		
3	QPSK	1	8	24.04	24.14	24.12	25.5	0
3	QPSK	1	14	23.98	24.20	24.04		
3	QPSK	8	0	23.02	23.20	23.05		
3	QPSK	8	4	23.02	23.12	23.06	24.5	1
3	QPSK	8	7	23.02	23.01	22.94		
3	QPSK	15	0	22.93	23.16	22.95		
3	16QAM	1	0	23.19	23.29	23.19		
3	16QAM	1	8	23.07	23.18	23.11	24.5	1
3	16QAM	1	14	23.06	23.17	23.07		
3	16QAM	8	0	22.14	22.22	22.01		
3	16QAM	8	4	22.10	22.15	22.01	23.5	2
3	16QAM	8	7	22.00	22.14	22.02		
3	16QAM	15	0	22.08	22.16	22.15		
3	64QAM	1	0	22.12	22.24	22.17		
3	64QAM	1	8	22.06	22.11	22.10	23.5	2
3	64QAM	1	14	21.97	22.16	22.12		
3	64QAM	8	0	21.02	21.20	20.99		
3	64QAM	8	4	20.95	21.09	20.99	22.5	3
3	64QAM	8	7	21.03	21.03	21.13		
3	64QAM	15	0	21.01	21.09	21.03		
3	256QAM	1	0	18.98	19.12	19.10		
3	256QAM	1	8	19.03	19.07	19.09	20.5	5
3	256QAM	1	14	19.07	19.14	19.10		
3	256QAM	8	0	19.11	19.19	19.11		
3	256QAM	8	4	19.03	19.14	19.03	20.5	5
3	256QAM	8	7	19.06	19.24	19.09		
3	256QAM	15	0	18.94	19.08	19.03		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.19	24.16	24.17		
1.4	QPSK	1	3	24.08	24.18	24.13	25.5	0
1.4	QPSK	1	5	23.99	24.22	23.99		
1.4	QPSK	3	0	24.01	24.23	23.96		
1.4	QPSK	3	1	24.00	24.09	24.08		
1.4	QPSK	3	3	24.01	24.00	24.05		
1.4	QPSK	6	0	22.88	23.09	22.92	24.5	1
1.4	16QAM	1	0	23.15	23.24	23.28		
1.4	16QAM	1	3	23.03	23.10	23.12	24.5	1
1.4	16QAM	1	5	23.05	23.19	23.08		
1.4	16QAM	3	0	23.13	23.27	23.02		
1.4	16QAM	3	1	23.12	23.20	23.05		
1.4	16QAM	3	3	23.05	23.10	23.02		
1.4	16QAM	6	0	21.99	22.21	22.11	23.5	2
1.4	64QAM	1	0	22.18	22.26	22.19		
1.4	64QAM	1	3	22.02	22.11	22.13	23.5	2
1.4	64QAM	1	5	21.93	22.16	22.10		
1.4	64QAM	3	0	22.04	22.15	22.07		
1.4	64QAM	3	1	21.92	22.05	21.97		
1.4	64QAM	3	3	21.97	22.10	22.10		
1.4	64QAM	6	0	20.99	21.11	20.94	22.5	3
1.4	256QAM	1	0	19.00	19.03	19.16		
1.4	256QAM	1	3	19.07	19.13	19.11	20.5	5
1.4	256QAM	1	5	18.99	19.15	19.10		
1.4	256QAM	3	0	19.03	19.17	19.05		
1.4	256QAM	3	1	19.01	19.15	19.09		
1.4	256QAM	3	3	19.12	19.20	19.10		
1.4	256QAM	6	0	19.02	19.15	19.06	20.5	5

Band 13 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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.28			
10	QPSK	1	25		23.24		24.5	0
10	QPSK	1	49		23.18			
10	QPSK	25	0		22.33			
10	QPSK	25	12		22.26		23.5	1
10	QPSK	25	25		22.21			
10	QPSK	50	0		22.31			
10	16QAM	1	0		22.37			
10	16QAM	1	25		22.35		23.5	1
10	16QAM	1	49		22.27			
10	16QAM	25	0		21.34			
10	16QAM	25	12		21.20		22.5	2
10	16QAM	25	25		21.22			
10	16QAM	50	0		21.21			
10	64QAM	1	0		21.22			
10	64QAM	1	25		21.22		22.5	2
10	64QAM	1	49		21.20			
10	64QAM	25	0		20.29			
10	64QAM	25	12		20.16		21.5	3
10	64QAM	25	25		20.25			
10	64QAM	50	0		20.25			
10	256QAM	1	0		18.23			
10	256QAM	1	25		18.27		19.5	5
10	256QAM	1	49		18.29			
10	256QAM	25	0		18.37			
10	256QAM	25	12		18.33		19.5	5
10	256QAM	25	25		18.25			
10	256QAM	50	0		18.34			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.16	23.19	23.18		
5	QPSK	1	12	22.99	23.16	23.12	24.5	0
5	QPSK	1	24	23.02	23.10	23.00		
5	QPSK	12	0	22.19	22.24	22.13		
5	QPSK	12	7	22.10	22.11	22.18	23.5	1
5	QPSK	12	13	22.02	22.14	22.03		
5	QPSK	25	0	22.15	22.22	22.09		
5	16QAM	1	0	22.18	22.31	22.20		
5	16QAM	1	12	22.20	22.20	22.21	23.5	1
5	16QAM	1	24	22.13	22.14	22.15		
5	16QAM	12	0	21.16	21.30	21.20		
5	16QAM	12	7	21.11	21.16	21.00	22.5	2
5	16QAM	12	13	21.03	21.11	20.99		
5	16QAM	25	0	21.06	21.08	21.04		
5	64QAM	1	0	21.06	21.18	21.01		
5	64QAM	1	12	21.00	21.13	21.05	22.5	2
5	64QAM	1	24	20.94	21.16	21.06		
5	64QAM	12	0	20.20	20.19	20.15		
5	64QAM	12	7	19.89	20.01	19.98	21.5	3
5	64QAM	12	13	20.11	20.16	20.12		
5	64QAM	25	0	19.97	20.11	20.12		
5	256QAM	1	0	18.05	18.16	17.98		
5	256QAM	1	12	18.14	18.14	18.10	19.5	5
5	256QAM	1	24	18.04	18.17	18.13		
5	256QAM	12	0	18.27	18.28	18.20		
5	256QAM	12	7	18.15	18.25	18.13	19.5	5
5	256QAM	12	13	18.08	18.17	18.10		
5	256QAM	25	0	18.11	18.22	18.14		

Band 17 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.12	24.26	24.23	25	0
10	QPSK	1	25	24.10	24.16	24.07		
10	QPSK	1	49	24.07	24.21	24.12		
10	QPSK	25	0	23.04	23.22	23.05	24	1
10	QPSK	25	12	23.06	23.14	23.06		
10	QPSK	25	25	23.04	23.16	23.07		
10	QPSK	50	0	22.98	23.11	23.04		
10	16QAM	1	0	23.12	23.14	23.20	24	1
10	16QAM	1	25	23.07	23.15	23.04		
10	16QAM	1	49	23.03	23.10	23.10		
10	16QAM	25	0	21.95	22.16	22.06	23	2
10	16QAM	25	12	21.96	22.10	22.06		
10	16QAM	25	25	21.97	22.06	22.03		
10	16QAM	50	0	21.97	22.01	22.04		
10	64QAM	1	0	22.13	22.26	22.17	23	2
10	64QAM	1	25	22.05	22.12	22.11		
10	64QAM	1	49	22.03	22.11	22.13		
10	64QAM	25	0	21.07	21.21	21.02	22	3
10	64QAM	25	12	21.09	21.17	21.02		
10	64QAM	25	25	21.00	21.13	21.04		
10	64QAM	50	0	21.04	21.09	21.08		
10	256QAM	1	0	18.97	19.09	19.09	20	5
10	256QAM	1	25	18.97	19.14	18.99		
10	256QAM	1	49	18.98	19.12	19.07		
10	256QAM	25	0	18.95	19.17	19.00	20	5
10	256QAM	25	12	19.00	19.07	18.99		
10	256QAM	25	25	19.02	19.12	19.09		
10	256QAM	50	0	18.94	19.04	19.06		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.05	24.18	24.17	25	0
5	QPSK	1	12	24.07	24.04	23.94		
5	QPSK	1	24	23.98	24.06	24.03		
5	QPSK	12	0	22.96	23.18	22.94	24	1
5	QPSK	12	7	22.97	23.02	22.92		
5	QPSK	12	13	22.92	23.05	22.95		
5	QPSK	25	0	22.88	22.97	22.92		
5	16QAM	1	0	22.98	23.02	23.12	24	1
5	16QAM	1	12	23.02	23.11	22.95		
5	16QAM	1	24	22.97	23.00	23.01		
5	16QAM	12	0	21.83	22.03	21.98	23	2
5	16QAM	12	7	21.93	22.05	21.97		
5	16QAM	12	13	21.92	21.99	21.91		
5	16QAM	25	0	21.83	21.96	21.89		
5	64QAM	1	0	22.00	22.19	22.06	23	2
5	64QAM	1	12	22.01	22.00	22.06		
5	64QAM	1	24	21.98	22.07	22.01		
5	64QAM	12	0	20.97	21.11	20.92	22	3
5	64QAM	12	7	21.04	21.11	20.97		
5	64QAM	12	13	20.95	20.99	20.95		
5	64QAM	25	0	20.90	21.03	21.03		
5	256QAM	1	0	18.90	19.01	19.05	20	5
5	256QAM	1	12	18.90	19.04	18.85		
5	256QAM	1	24	18.85	19.00	19.00		
5	256QAM	12	0	18.84	19.07	18.92	20	5
5	256QAM	12	7	18.95	18.97	18.85		
5	256QAM	12	13	18.94	19.07	19.05		
5	256QAM	25	0	18.89	18.96	18.92		

Band 26 Ant1 for FCC 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	24.18	24.25	24.07	25.7	0
15	QPSK	1	37	24.04	24.15	24.07		
15	QPSK	1	74	24.12	24.14	24.12		
15	QPSK	36	0	23.07	23.24	23.08	24.7	1
15	QPSK	36	20	23.07	23.12	23.08		
15	QPSK	36	39	23.10	23.17	23.08		
15	QPSK	75	0	23.01	23.18	23.05		
15	16QAM	1	0	23.23	23.25	23.28	24.7	1
15	16QAM	1	37	23.08	23.19	23.09		
15	16QAM	1	74	23.04	23.21	23.05		
15	16QAM	36	0	22.04	22.25	22.17	23.7	2
15	16QAM	36	20	22.03	22.12	22.11		
15	16QAM	36	39	22.04	22.12	22.10		
15	16QAM	75	0	22.04	22.16	22.10		
15	64QAM	1	0	22.16	22.29	22.24	23.7	2
15	64QAM	1	37	22.03	22.14	22.10		
15	64QAM	1	74	22.08	22.11	22.08		
15	64QAM	36	0	21.01	21.21	21.05	22.7	3
15	64QAM	36	20	21.03	21.11	21.10		
15	64QAM	36	39	21.10	21.12	21.05		
15	64QAM	75	0	21.01	21.12	21.07		
15	256QAM	1	0	19.10	19.15	19.15	20.7	5
15	256QAM	1	37	19.09	19.20	19.12		
15	256QAM	1	74	19.14	19.11	19.08		
15	256QAM	36	0	19.05	19.25	19.13	20.7	5
15	256QAM	36	20	19.08	19.20	19.12		
15	256QAM	36	39	19.10	19.17	19.16		
15	256QAM	75	0	19.07	19.12	19.08		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.05	24.21	24.00	25.7	0
10	QPSK	1	25	23.91	24.09	23.99		
10	QPSK	1	49	24.08	24.03	23.98		
10	QPSK	25	0	22.96	23.14	23.02	24.7	1
10	QPSK	25	12	22.98	22.99	22.93		
10	QPSK	25	25	23.00	23.04	22.98		
10	QPSK	50	0	22.88	23.06	22.96		
10	16QAM	1	0	23.16	23.21	23.24	24.7	1
10	16QAM	1	25	23.04	23.12	23.06		
10	16QAM	1	49	22.90	23.08	22.90		
10	16QAM	25	0	21.94	22.11	22.05	23.7	2
10	16QAM	25	12	21.97	21.99	22.01		
10	16QAM	25	25	21.99	22.03	21.99		
10	16QAM	50	0	21.91	22.13	22.04		
10	64QAM	1	0	22.02	22.15	22.13	23.7	2
10	64QAM	1	25	21.92	22.02	21.96		
10	64QAM	1	49	22.03	22.01	21.99		
10	64QAM	25	0	20.97	21.18	20.96	22.7	3
10	64QAM	25	12	20.97	21.03	21.01		
10	64QAM	25	25	21.00	21.09	20.95		
10	64QAM	50	0	20.89	21.01	20.97		
10	256QAM	1	0	19.07	19.08	19.09	20.7	5
10	256QAM	1	25	18.97	19.05	19.01		
10	256QAM	1	49	19.10	19.03	18.96		
10	256QAM	25	0	18.93	19.21	19.04	20.7	5
10	256QAM	25	12	19.01	19.12	19.03		
10	256QAM	25	25	19.06	19.04	19.05		
10	256QAM	50	0	19.03	18.99	19.03		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.06	24.21	23.96	25.7	0
5	QPSK	1	12	23.90	24.06	23.96		
5	QPSK	1	24	24.05	24.05	23.97		
5	QPSK	12	0	22.93	23.15	23.00	24.7	1
5	QPSK	12	7	22.92	23.03	23.01		
5	QPSK	12	13	23.01	23.10	23.02		
5	QPSK	25	0	22.93	23.13	22.93		
5	16QAM	1	0	23.10	23.17	23.17	24.7	1
5	16QAM	1	12	23.01	23.15	22.94		
5	16QAM	1	24	22.95	23.13	23.01		
5	16QAM	12	0	21.92	22.19	22.14	23.7	2
5	16QAM	12	7	21.91	22.00	22.03		
5	16QAM	12	13	21.95	21.98	22.06		
5	16QAM	25	0	21.94	22.11	22.02		
5	64QAM	1	0	22.04	22.26	22.19	23.7	2
5	64QAM	1	12	21.94	22.11	22.06		
5	64QAM	1	24	22.01	22.07	21.97		
5	64QAM	12	0	20.92	21.13	21.01	22.7	3
5	64QAM	12	7	20.99	21.06	21.07		
5	64QAM	12	13	20.97	21.00	20.97		
5	64QAM	25	0	20.90	21.01	21.00		
5	256QAM	1	0	19.02	19.02	19.08	20.7	5
5	256QAM	1	12	18.99	19.14	19.01		
5	256QAM	1	24	19.11	19.07	18.96		
5	256QAM	12	0	18.97	19.18	19.04	20.7	5
5	256QAM	12	7	19.01	19.14	18.98		
5	256QAM	12	13	19.07	19.11	19.04		
5	256QAM	25	0	19.00	19.00	19.00		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.07	24.16	24.01	25.7	0
3	QPSK	1	8	24.01	24.04	23.98		
3	QPSK	1	14	24.08	24.09	24.06		
3	QPSK	8	0	23.01	23.13	22.95	24.7	1
3	QPSK	8	4	22.94	23.08	23.03		
3	QPSK	8	7	23.00	23.10	22.97		
3	QPSK	15	0	22.93	23.07	22.96		
3	16QAM	1	0	23.15	23.19	23.22	24.7	1
3	16QAM	1	8	23.03	23.06	23.04		
3	16QAM	1	14	23.00	23.06	22.91		
3	16QAM	8	0	21.90	22.16	22.09	23.7	2
3	16QAM	8	4	21.99	22.08	22.07		
3	16QAM	8	7	21.93	22.03	22.06		
3	16QAM	15	0	21.97	22.10	22.01		
3	64QAM	1	0	22.02	22.17	22.15	23.7	2
3	64QAM	1	8	21.93	22.06	21.96		
3	64QAM	1	14	21.94	22.05	21.94		
3	64QAM	8	0	20.92	21.16	20.93	22.7	3
3	64QAM	8	4	20.95	20.98	20.96		
3	64QAM	8	7	21.03	20.99	20.95		
3	64QAM	15	0	20.90	21.08	20.95		
3	256QAM	1	0	18.99	19.01	19.10	20.7	5
3	256QAM	1	8	19.00	19.08	19.00		
3	256QAM	1	14	19.09	19.07	18.99		
3	256QAM	8	0	19.00	19.13	19.05	20.7	5
3	256QAM	8	4	19.04	19.09	18.99		
3	256QAM	8	7	19.03	19.11	19.05		
3	256QAM	15	0	19.04	19.01	19.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.13	24.21	23.93	25.7	0
1.4	QPSK	1	3	23.94	24.10	23.95		
1.4	QPSK	1	5	24.01	24.03	24.05		
1.4	QPSK	3	0	23.93	24.20	24.00		
1.4	QPSK	3	1	24.04	23.98	24.05		
1.4	QPSK	3	3	24.04	24.10	23.93		
1.4	QPSK	6	0	22.97	23.05	22.96	24.7	1
1.4	16QAM	1	0	23.18	23.17	23.19	24.7	1
1.4	16QAM	1	3	23.03	23.05	22.98		
1.4	16QAM	1	5	22.92	23.11	22.98		
1.4	16QAM	3	0	22.90	23.12	23.03		
1.4	16QAM	3	1	22.97	23.07	23.01		
1.4	16QAM	3	3	22.90	23.09	22.97		
1.4	16QAM	6	0	21.92	22.05	22.00	23.7	2
1.4	64QAM	1	0	22.10	22.22	22.16	23.7	2
1.4	64QAM	1	3	21.93	22.04	21.98		
1.4	64QAM	1	5	22.01	22.07	22.03		
1.4	64QAM	3	0	21.90	22.09	21.96		
1.4	64QAM	3	1	21.97	22.00	22.03		
1.4	64QAM	3	3	21.99	22.07	22.00		
1.4	64QAM	6	0	20.96	21.00	20.97	22.7	3
1.4	256QAM	1	0	18.96	19.08	19.05	20.7	5
1.4	256QAM	1	3	19.03	19.16	18.98		
1.4	256QAM	1	5	19.08	19.04	18.98		
1.4	256QAM	3	0	18.94	19.13	19.04		
1.4	256QAM	3	1	18.99	19.10	19.03		
1.4	256QAM	3	3	19.01	19.02	19.10		
1.4	256QAM	6	0	18.99	18.97	18.93	20.7	5

GSM1900 Ant3 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	29.88	30.11	30.12	31.00	20.88	21.11	21.12	22.00
GPRS 1 Tx slot	29.84	30.01	30.03	31.00	20.84	21.01	21.03	22.00
GPRS 2 Tx slots	26.71	26.64	26.68	27.50	20.71	20.64	20.68	21.50
GPRS 3 Tx slots	24.54	24.61	24.42	25.50	20.28	20.35	20.16	21.24
GPRS 4 Tx slots	23.88	24.09	24.13	24.50	20.88	21.09	21.13	21.50
EDGE 1 Tx slot	25.37	25.42	25.56	27.00	16.37	16.42	16.56	18.00
EDGE 2 Tx slots	22.21	22.28	22.30	24.00	16.21	16.28	16.30	18.00
EDGE 3 Tx slots	20.12	20.31	20.15	22.00	15.86	16.05	15.89	17.74
EDGE 4 Tx slots	19.44	19.54	19.20	21.00	16.44	16.54	16.20	18.00

		WCDMA II Ant3 DSI3				WCDMA IV Ant3 DSI3			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.99	23.09	22.99	24.00	23.23	23.33	23.23	24.00
3GPP Rel 99	RMC 12.2Kbps	23.02	23.19	22.97	24.00	23.33	23.41	23.40	24.00
3GPP Rel 6	HSDPA Subtest-1	21.80	22.01	22.01	23.00	22.14	22.43	22.38	23.00
3GPP Rel 6	HSDPA Subtest-2	21.91	22.10	21.97	23.00	22.21	22.23	22.36	23.00
3GPP Rel 6	HSDPA Subtest-3	21.44	21.71	21.48	22.50	21.73	21.79	21.77	22.50
3GPP Rel 6	HSDPA Subtest-4	21.52	21.62	21.51	22.50	21.64	21.90	21.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.87	22.05	22.05	23.00	22.14	22.42	22.27	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.90	22.20	21.99	23.00	22.26	22.46	22.29	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.35	21.49	21.48	22.50	21.67	21.93	21.76	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.32	21.57	21.65	22.50	21.77	21.85	21.85	22.50
3GPP Rel 6	HSUPA Subtest-1	21.97	22.13	22.11	23.00	22.06	22.41	22.24	23.00
3GPP Rel 6	HSUPA Subtest-2	19.97	20.14	19.99	21.00	20.12	20.32	20.30	21.00
3GPP Rel 6	HSUPA Subtest-3	20.93	21.12	20.96	22.00	21.23	21.28	21.24	22.00
3GPP Rel 6	HSUPA Subtest-4	19.84	20.16	19.89	21.00	20.11	20.47	20.22	21.00
3GPP Rel 6	HSUPA Subtest-5	21.88	21.98	21.79	23.00	22.13	22.20	22.16	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.24	19.57	19.42	20.50	19.59	19.73	19.69	20.50

Band 2 Ant3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.26	23.33	23.31	24	0
20	QPSK	1	49	23.12	23.26	23.23		
20	QPSK	1	99	23.14	23.31	23.28		
20	QPSK	50	0	23.13	23.29	23.19	24	0
20	QPSK	50	24	23.14	23.20	23.05		
20	QPSK	50	50	23.07	23.21	23.05		
20	QPSK	100	0	23.09	23.25	23.16		
20	16QAM	1	0	23.01	23.16	23.03	24	0
20	16QAM	1	49	23.18	23.27	23.16		
20	16QAM	1	99	23.22	23.24	23.20		
20	16QAM	50	0	22.49	22.67	22.50	23.5	0.5
20	16QAM	50	24	22.45	22.54	22.52		
20	16QAM	50	50	22.49	22.56	22.47		
20	16QAM	100	0	22.45	22.50	22.45		
20	64QAM	1	0	22.51	22.63	22.56	23.5	0.5
20	64QAM	1	49	22.49	22.59	22.51		
20	64QAM	1	99	22.49	22.62	22.56		
20	64QAM	50	0	21.53	21.64	21.43	22.5	1.5
20	64QAM	50	24	21.46	21.48	21.51		
20	64QAM	50	50	21.45	21.50	21.42		
20	64QAM	100	0	21.51	21.57	21.55		
20	256QAM	1	0	19.51	19.56	19.53	20.5	3.5
20	256QAM	1	49	19.49	19.54	19.63		
20	256QAM	1	99	19.55	19.61	19.59		
20	256QAM	50	0	19.48	19.64	19.51		
20	256QAM	50	24	19.53	19.55	19.58		
20	256QAM	50	50	19.57	19.61	19.55		
20	256QAM	100	0	19.45	19.60	19.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.19	23.29	23.19	24	0
15	QPSK	1	37	23.03	23.18	23.20		
15	QPSK	1	74	23.05	23.26	23.21		
15	QPSK	36	0	23.07	23.20	23.08	24	0
15	QPSK	36	20	23.08	23.14	23.00		
15	QPSK	36	39	22.97	23.11	23.01		
15	QPSK	75	0	23.04	23.15	23.13		
15	16QAM	1	0	22.94	23.08	22.93	24	0
15	16QAM	1	37	23.09	23.16	23.10		
15	16QAM	1	74	23.15	23.14	23.12		
15	16QAM	36	0	22.38	22.62	22.46	23.5	0.5
15	16QAM	36	20	22.42	22.49	22.41		
15	16QAM	36	39	22.40	22.46	22.39		
15	16QAM	75	0	22.36	22.41	22.37		
15	64QAM	1	0	22.46	22.60	22.53	23.5	0.5
15	64QAM	1	37	22.46	22.50	22.46		
15	64QAM	1	74	22.45	22.46	22.48		
15	64QAM	36	0	21.43	21.59	21.33	22.5	1.5
15	64QAM	36	20	21.35	21.40	21.44		
15	64QAM	36	39	21.37	21.43	21.35		
15	64QAM	75	0	21.48	21.52	21.46		
15	256QAM	1	0	19.40	19.46	19.42	20.5	3.5
15	256QAM	1	37	19.43	19.46	19.59		
15	256QAM	1	74	19.47	19.54	19.55		
15	256QAM	36	0	19.43	19.54	19.41	20.5	3.5
15	256QAM	36	20	19.43	19.48	19.49		
15	256QAM	36	39	19.54	19.57	19.46		
15	256QAM	75	0	19.36	19.51	19.39		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.19	23.27	23.24	24	0
10	QPSK	1	25	23.09	23.20	23.14		
10	QPSK	1	49	23.11	23.20	23.20		
10	QPSK	25	0	23.04	23.24	23.11	24	0
10	QPSK	25	12	23.08	23.10	23.01		
10	QPSK	25	25	23.03	23.13	22.97		
10	QPSK	50	0	23.01	23.18	23.11		
10	16QAM	1	0	22.90	23.12	22.92	24	0
10	16QAM	1	25	23.14	23.16	23.10		
10	16QAM	1	49	23.11	23.15	23.11		
10	16QAM	25	0	22.39	22.61	22.46	23.5	0.5
10	16QAM	25	12	22.34	22.49	22.43		
10	16QAM	25	25	22.44	22.45	22.37		
10	16QAM	50	0	22.35	22.41	22.40		
10	64QAM	1	0	22.45	22.56	22.49	23.5	0.5
10	64QAM	1	25	22.43	22.50	22.47		
10	64QAM	1	49	22.46	22.45	22.52		
10	64QAM	25	0	21.44	21.54	21.40	22.5	1.5
10	64QAM	25	12	21.37	21.43	21.42		
10	64QAM	25	25	21.37	21.44	21.33		
10	64QAM	50	0	21.40	21.52	21.48		
10	256QAM	1	0	19.48	19.46	19.43	20.5	3.5
10	256QAM	1	25	19.38	19.50	19.58		
10	256QAM	1	49	19.45	19.51	19.52		
10	256QAM	25	0	19.42	19.60	19.42	20.5	3.5
10	256QAM	25	12	19.45	19.51	19.50		
10	256QAM	25	25	19.47	19.57	19.51		
10	256QAM	50	0	19.34	19.53	19.42		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.17	23.28	23.26	24	0
5	QPSK	1	12	23.07	23.23	23.13		
5	QPSK	1	24	23.06	23.26	23.21		
5	QPSK	12	0	23.10	23.22	23.13	24	0
5	QPSK	12	7	23.06	23.15	22.99		
5	QPSK	12	13	23.02	23.16	22.96		
5	QPSK	25	0	23.01	23.17	23.07		
5	16QAM	1	0	22.94	23.12	22.95	24	0
5	16QAM	1	12	23.12	23.10	23.09		
5	16QAM	1	24	23.14	23.19	23.16		
5	16QAM	12	0	22.40	22.61	22.41	23.5	0.5
5	16QAM	12	7	22.37	22.51	22.42		
5	16QAM	12	13	22.45	22.50	22.42		
5	16QAM	25	0	22.40	22.44	22.38	23.5	0.5
5	64QAM	1	0	22.44	22.59	22.49		
5	64QAM	1	12	22.39	22.56	22.46		
5	64QAM	1	24	22.42	22.48	22.52	22.5	1.5
5	64QAM	12	0	21.48	21.58	21.38		
5	64QAM	12	7	21.36	21.41	21.44		
5	64QAM	12	13	21.40	21.42	21.39		
5	64QAM	25	0	21.46	21.49	21.51		
5	256QAM	1	0	19.45	19.46	19.45	20.5	3.5
5	256QAM	1	12	19.42	19.47	19.57		
5	256QAM	1	24	19.49	19.54	19.53		
5	256QAM	12	0	19.43	19.57	19.44	20.5	3.5
5	256QAM	12	7	19.47	19.49	19.51		
5	256QAM	12	13	19.48	19.54	19.52		
5	256QAM	25	0	19.37	19.56	19.45		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.16	23.28	23.27	24	0
3	QPSK	1	8	23.07	23.21	23.16		
3	QPSK	1	14	23.07	23.20	23.21		
3	QPSK	8	0	23.05	23.22	23.15	24	0
3	QPSK	8	4	23.05	23.13	22.96		
3	QPSK	8	7	23.00	23.17	22.98		
3	QPSK	15	0	23.01	23.21	23.09		
3	16QAM	1	0	22.94	23.06	22.95	24	0
3	16QAM	1	8	23.07	23.15	23.08		
3	16QAM	1	14	23.13	23.21	23.13		
3	16QAM	8	0	22.44	22.62	22.43	23.5	0.5
3	16QAM	8	4	22.41	22.46	22.41		
3	16QAM	8	7	22.43	22.48	22.41		
3	16QAM	15	0	22.39	22.47	22.41		
3	64QAM	1	0	22.45	22.57	22.52	23.5	0.5
3	64QAM	1	8	22.44	22.51	22.47		
3	64QAM	1	14	22.40	22.48	22.51		
3	64QAM	8	0	21.49	21.61	21.37	22.5	1.5
3	64QAM	8	4	21.42	21.38	21.43		
3	64QAM	8	7	21.36	21.41	21.34		
3	64QAM	15	0	21.41	21.47	21.52		
3	256QAM	1	0	19.44	19.48	19.47	20.5	3.5
3	256QAM	1	8	19.45	19.47	19.58		
3	256QAM	1	14	19.51	19.54	19.50		
3	256QAM	8	0	19.40	19.56	19.46	20.5	3.5
3	256QAM	8	4	19.46	19.44	19.49		
3	256QAM	8	7	19.54	19.52	19.50		
3	256QAM	15	0	19.40	19.54	19.42		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.21	23.27	23.24	24	0
1.4	QPSK	1	3	23.01	23.21	23.19		
1.4	QPSK	1	5	23.07	23.27	23.18		
1.4	QPSK	3	0	23.07	23.22	23.14		
1.4	QPSK	3	1	23.10	23.11	22.98		
1.4	QPSK	3	3	23.01	23.13	22.98		
1.4	QPSK	6	0	23.01	23.20	23.06	24	0
1.4	16QAM	1	0	22.97	23.10	22.98	24	0
1.4	16QAM	1	3	23.12	23.15	23.10		
1.4	16QAM	1	5	23.11	23.19	23.13		
1.4	16QAM	3	0	22.95	23.14	22.94		
1.4	16QAM	3	1	22.86	22.94	22.96		
1.4	16QAM	3	3	22.91	22.95	22.87		
1.4	16QAM	6	0	22.40	22.45	22.40	23.5	0.5
1.4	64QAM	1	0	22.44	22.60	22.47	23.5	0.5
1.4	64QAM	1	3	22.41	22.53	22.48		
1.4	64QAM	1	5	22.44	22.44	22.55		
1.4	64QAM	3	0	22.49	22.55	22.37		
1.4	64QAM	3	1	22.40	22.41	22.45		
1.4	64QAM	3	3	22.35	22.45	22.36		
1.4	64QAM	6	0	21.44	21.52	21.50	22.5	1.5
1.4	256QAM	1	0	19.43	19.49	19.50	20.5	3.5
1.4	256QAM	1	3	19.44	19.51	19.59		
1.4	256QAM	1	5	19.44	19.58	19.52		
1.4	256QAM	3	0	19.41	19.54	19.41		
1.4	256QAM	3	1	19.47	19.50	19.52		
1.4	256QAM	3	3	19.46	19.52	19.50		
1.4	256QAM	6	0	19.41	19.51	19.39	20.5	3.5

Band 4 Ant3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.30	23.51	23.24	24.5	0
20	QPSK	1	49	23.31	23.37	23.26		
20	QPSK	1	99	23.22	23.35	23.22		
20	QPSK	50	0	22.83	22.87	22.74	24	0.5
20	QPSK	50	24	22.59	22.84	22.66		
20	QPSK	50	50	22.65	22.70	22.86		
20	QPSK	100	0	22.70	22.88	22.74		
20	16QAM	1	0	22.92	23.10	23.09	24	0.5
20	16QAM	1	49	22.65	22.76	22.72		
20	16QAM	1	99	22.86	22.73	22.77		
20	16QAM	50	0	21.94	21.95	21.91	23	1.5
20	16QAM	50	24	21.67	21.88	21.78		
20	16QAM	50	50	21.71	21.86	21.80		
20	16QAM	100	0	21.85	21.95	21.68		
20	64QAM	1	0	21.76	21.95	22.08	23	1.5
20	64QAM	1	49	21.78	21.69	21.78		
20	64QAM	1	99	21.74	21.67	21.68		
20	64QAM	50	0	20.83	20.86	20.73	22	2.5
20	64QAM	50	24	20.66	20.91	20.60		
20	64QAM	50	50	20.66	20.74	20.83		
20	64QAM	100	0	20.77	20.74	20.72		
20	256QAM	1	0	18.79	18.74	18.82	20	4.5
20	256QAM	1	49	18.63	18.89	18.64		
20	256QAM	1	99	18.77	18.79	18.84		
20	256QAM	50	0	18.82	19.02	18.73	20	4.5
20	256QAM	50	24	18.64	18.74	18.88		
20	256QAM	50	50	18.70	18.85	18.83		
20	256QAM	100	0	18.60	18.82	18.75		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.20	23.35	22.97	24.5	0
15	QPSK	1	37	23.14	23.12	23.01		
15	QPSK	1	74	23.07	23.26	23.04		
15	QPSK	36	0	22.64	22.70	22.66	24	0.5
15	QPSK	36	20	22.31	22.70	22.50		
15	QPSK	36	39	22.34	22.48	22.75		
15	QPSK	75	0	22.42	22.62	22.61		
15	16QAM	1	0	22.69	22.90	22.81	24	0.5
15	16QAM	1	37	22.51	22.67	22.60		
15	16QAM	1	74	22.59	22.69	22.53		
15	16QAM	36	0	21.65	21.73	21.63	23	1.5
15	16QAM	36	20	21.54	21.65	21.69		
15	16QAM	36	39	21.40	21.75	21.64		
15	16QAM	75	0	21.76	21.77	21.63		
15	64QAM	1	0	21.48	21.82	21.91	23	1.5
15	64QAM	1	37	21.57	21.54	21.52		
15	64QAM	1	74	21.56	21.41	21.45		
15	64QAM	36	0	20.57	20.68	20.61	22	2.5
15	64QAM	36	20	20.50	20.66	20.42		
15	64QAM	36	39	20.36	20.57	20.54		
15	64QAM	75	0	20.62	20.59	20.61		
15	256QAM	1	0	18.67	18.47	18.60	20	4.5
15	256QAM	1	37	18.39	18.65	18.42		
15	256QAM	1	74	18.48	18.48	18.61		
15	256QAM	36	0	18.51	18.69	18.60	20	4.5
15	256QAM	36	20	18.48	18.54	18.58		
15	256QAM	36	39	18.60	18.72	18.57		
15	256QAM	75	0	18.39	18.60	18.45		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.94	23.15	22.78	24.5	0
10	QPSK	1	25	22.88	22.81	22.72		
10	QPSK	1	49	22.91	23.14	22.81		
10	QPSK	25	0	22.44	22.51	22.42	24	0.5
10	QPSK	25	12	22.10	22.50	22.29		
10	QPSK	25	25	22.26	22.33	22.48		
10	QPSK	50	0	22.25	22.44	22.30		
10	16QAM	1	0	22.60	22.59	22.51	24	0.5
10	16QAM	1	25	22.28	22.39	22.47		
10	16QAM	1	49	22.33	22.23	22.52		
10	16QAM	25	0	21.36	21.48	21.36	23	1.5
10	16QAM	25	12	21.44	21.37	21.60		
10	16QAM	25	25	21.27	21.43	21.49		
10	16QAM	50	0	21.45	21.64	21.22		
10	64QAM	1	0	21.16	21.58	21.64	23	1.5
10	64QAM	1	25	21.36	21.39	21.38		
10	64QAM	1	49	21.47	21.19	21.15		
10	64QAM	25	0	20.32	20.41	20.27	22	2.5
10	64QAM	25	12	20.39	20.52	20.28		
10	64QAM	25	25	20.24	20.37	20.39		
10	64QAM	50	0	20.47	20.36	20.40		
10	256QAM	1	0	18.40	18.36	18.47	20	4.5
10	256QAM	1	25	18.19	18.39	18.25		
10	256QAM	1	49	18.22	18.34	18.51		
10	256QAM	25	0	18.20	18.70	18.51	20	4.5
10	256QAM	25	12	18.27	18.42	18.48		
10	256QAM	25	25	18.49	18.63	18.44		
10	256QAM	50	0	18.17	18.37	18.33		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.86	23.05	22.67	24.5	0
5	QPSK	1	12	22.91	22.72	22.76		
5	QPSK	1	24	22.96	23.03	22.69		
5	QPSK	12	0	22.56	22.53	22.36	24	0.5
5	QPSK	12	7	22.12	22.38	22.38		
5	QPSK	12	13	22.15	22.45	22.50		
5	QPSK	25	0	22.32	22.42	22.30		
5	16QAM	1	0	22.57	22.49	22.51	24	0.5
5	16QAM	1	12	22.24	22.31	22.39		
5	16QAM	1	24	22.33	22.25	22.49		
5	16QAM	12	0	21.31	21.40	21.36	23	1.5
5	16QAM	12	7	21.53	21.34	21.63		
5	16QAM	12	13	21.37	21.44	21.45		
5	16QAM	25	0	21.43	21.57	21.24		
5	64QAM	1	0	21.26	21.62	21.64	23	1.5
5	64QAM	1	12	21.30	21.28	21.40		
5	64QAM	1	24	21.47	21.20	21.29		
5	64QAM	12	0	20.34	20.40	20.25	22	2.5
5	64QAM	12	7	20.36	20.53	20.37		
5	64QAM	12	13	20.31	20.31	20.35		
5	64QAM	25	0	20.54	20.26	20.29		
5	256QAM	1	0	18.44	18.28	18.47	20	4.5
5	256QAM	1	12	18.11	18.43	18.31		
5	256QAM	1	24	18.17	18.30	18.60		
5	256QAM	12	0	18.25	18.65	18.53	20	4.5
5	256QAM	12	7	18.33	18.34	18.37		
5	256QAM	12	13	18.40	18.74	18.36		
5	256QAM	25	0	18.25	18.42	18.38		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.82	22.96	22.69	24.5	0
3	QPSK	1	8	23.02	22.79	22.77		
3	QPSK	1	14	22.94	23.03	22.70		
3	QPSK	8	0	22.61	22.57	22.32	24	0.5
3	QPSK	8	4	22.24	22.34	22.34		
3	QPSK	8	7	22.17	22.55	22.54		
3	QPSK	15	0	22.28	22.37	22.21		
3	16QAM	1	0	22.66	22.60	22.44	24	0.5
3	16QAM	1	8	22.27	22.40	22.44		
3	16QAM	1	14	22.34	22.23	22.41		
3	16QAM	8	0	21.37	21.43	21.30	23	1.5
3	16QAM	8	4	21.54	21.38	21.37		
3	16QAM	8	7	21.32	21.49	21.54		
3	16QAM	15	0	21.41	21.66	21.26		
3	64QAM	1	0	21.26	21.62	21.53	23	1.5
3	64QAM	1	8	21.38	21.35	21.44		
3	64QAM	1	14	21.54	21.17	21.37		
3	64QAM	8	0	20.28	20.35	20.20	22	2.5
3	64QAM	8	4	20.35	20.43	20.40		
3	64QAM	8	7	20.21	20.36	20.44		
3	64QAM	15	0	20.46	20.37	20.30		
3	256QAM	1	0	18.42	18.21	18.51	20	4.5
3	256QAM	1	8	18.14	18.54	18.37		
3	256QAM	1	14	18.10	18.26	18.58		
3	256QAM	8	0	18.21	18.66	18.43	20	4.5
3	256QAM	8	4	18.23	18.36	18.47		
3	256QAM	8	7	18.35	18.67	18.27		
3	256QAM	15	0	18.24	18.51	18.43		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.44	22.38	22.33	24.5	0
1.4	QPSK	1	3	23.28	23.45	23.26		
1.4	QPSK	1	5	23.37	23.40	23.41		
1.4	QPSK	3	0	23.11	23.45	23.28		
1.4	QPSK	3	1	23.22	23.20	23.34		
1.4	QPSK	3	3	23.21	23.43	23.33		
1.4	QPSK	6	0	22.92	23.19	22.98	24	0.5
1.4	16QAM	1	0	23.13	23.04	23.07	24	0.5
1.4	16QAM	1	3	22.89	23.01	22.76		
1.4	16QAM	1	5	22.93	22.81	22.99		
1.4	16QAM	3	0	23.03	23.03	22.86		
1.4	16QAM	3	1	22.79	23.01	22.93		
1.4	16QAM	3	3	22.81	23.04	22.91		
1.4	16QAM	6	0	21.84	22.15	21.72	23	1.5
1.4	64QAM	1	0	22.03	22.09	22.07	23	1.5
1.4	64QAM	1	3	21.95	21.95	21.83		
1.4	64QAM	1	5	21.93	21.84	21.81		
1.4	64QAM	3	0	22.02	22.01	21.67		
1.4	64QAM	3	1	21.83	21.80	21.87		
1.4	64QAM	3	3	21.74	21.90	21.89		
1.4	64QAM	6	0	20.95	20.96	20.80	22	2.5
1.4	256QAM	1	0	18.87	18.81	18.95	20	4.5
1.4	256QAM	1	3	19.02	19.02	18.84		
1.4	256QAM	1	5	18.96	18.95	18.93		
1.4	256QAM	3	0	18.75	19.16	18.80		
1.4	256QAM	3	1	18.76	18.96	18.76		
1.4	256QAM	3	3	18.68	18.96	18.80		
1.4	256QAM	6	0	18.84	18.81	18.88	20	4.5

Band 7 Ant3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.41	22.48	22.43	23	0
20	QPSK	1	49	22.43	22.46	22.39		
20	QPSK	1	99	22.25	22.38	22.23		
20	QPSK	50	0	22.28	22.46	22.39	23	0
20	QPSK	50	24	22.35	22.38	22.34		
20	QPSK	50	50	22.44	22.42	22.41		
20	QPSK	100	0	22.27	22.41	22.31		
20	16QAM	1	0	22.34	22.38	22.29	23	0
20	16QAM	1	49	22.33	22.43	22.36		
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Band 38 Ant3 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.62	24.69	24.64	25.5	0
20	QPSK	1	49	24.50	24.61	24.62		
20	QPSK	1	99	24.47	24.64	24.52		
20	QPSK	50	0	23.53	23.66	23.48	24.5	1
20	QPSK	50	24	23.52	23.59	23.55		
20	QPSK	50	50	23.50	23.52	23.54		
20	QPSK	100	0	23.56	23.69	23.62		
20	16QAM	1	0	23.54	23.65	23.66	24.5	1
20	16QAM	1	49	23.50	23.60	23.50		
20	16QAM	1	99	23.46	23.53	23.53		
20	16QAM	50	0	22.45	22.64	22.51	23.5	2
20	16QAM	50	24	22.49	22.50	22.56		
20	16QAM	50	50	22.45	22.59	22.47		
20	16QAM	100	0	22.52	22.59	22.56		
20	64QAM	1	0	22.60	22.62	22.63	23.5	2
20	64QAM	1	49	22.50	22.58	22.51		
20	64QAM	1	99	22.49	22.61	22.55		
20	64QAM	50	0	21.47	21.66	21.51	22.5	3
20	64QAM	50	24	21.52	21.51	21.55		
20	64QAM	50	50	21.47	21.56	21.57		
20	64QAM	100	0	21.44	21.60	21.58		
20	256QAM	1	0	19.44	19.58	19.50	20.5	5
20	256QAM	1	49	19.44	19.55	19.48		
20	256QAM	1	99	19.42	19.53	19.55		
20	256QAM	50	0	19.51	19.63	19.49	20.5	5
20	256QAM	50	24	19.40	19.54	19.45		
20	256QAM	50	50	19.49	19.55	19.56		
20	256QAM	100	0	19.42	19.51	19.55		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.52	24.60	24.56	25.5	0
15	QPSK	1	37	24.38	24.58	24.51		
15	QPSK	1	74	24.34	24.50	24.47		
15	QPSK	36	0	23.39	23.52	23.35	24.5	1
15	QPSK	36	20	23.38	23.51	23.49		
15	QPSK	36	39	23.36	23.43	23.46		
15	QPSK	75	0	23.49	23.56	23.57		
15	16QAM	1	0	23.48	23.62	23.57	24.5	1
15	16QAM	1	37	23.40	23.50	23.38		
15	16QAM	1	74	23.35	23.43	23.46		
15	16QAM	36	0	22.34	22.59	22.42	23.5	2
15	16QAM	36	20	22.40	22.41	22.51		
15	16QAM	36	39	22.38	22.48	22.36		
15	16QAM	75	0	22.40	22.53	22.44		
15	64QAM	1	0	22.52	22.57	22.54	23.5	2
15	64QAM	1	37	22.42	22.47	22.40		
15	64QAM	1	74	22.43	22.57	22.41		
15	64QAM	36	0	21.35	21.58	21.46	22.5	3
15	64QAM	36	20	21.40	21.41	21.51		
15	64QAM	36	39	21.41	21.46	21.53		
15	64QAM	75	0	21.30	21.48	21.53		
15	256QAM	1	0	19.37	19.49	19.39	20.5	5
15	256QAM	1	37	19.30	19.52	19.37		
15	256QAM	1	74	19.28	19.38	19.44		
15	256QAM	36	0	19.43	19.58	19.39	20.5	5
15	256QAM	36	20	19.26	19.45	19.32		
15	256QAM	36	39	19.35	19.43	19.45		
15	256QAM	75	0	19.35	19.42	19.44		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.55	24.59	24.60	25.5	0
10	QPSK	1	25	24.45	24.50	24.56		
10	QPSK	1	49	24.36	24.54	24.39		
10	QPSK	25	0	23.48	23.55	23.34	24.5	1
10	QPSK	25	12	23.45	23.46	23.44		
10	QPSK	25	25	23.37	23.42	23.43		
10	QPSK	50	0	23.49	23.57	23.55		
10	16QAM	1	0	23.41	23.52	23.61	24.5	1
10	16QAM	1	25	23.36	23.52	23.40		
10	16QAM	1	49	23.38	23.40	23.39		
10	16QAM	25	0	22.35	22.49	22.48	23.5	2
10	16QAM	25	12	22.39	22.40	22.46		
10	16QAM	25	25	22.40	22.49	22.41		
10	16QAM	50	0	22.41	22.53	22.49		
10	64QAM	1	0	22.56	22.55	22.48	23.5	2
10	64QAM	1	25	22.45	22.48	22.47		
10	64QAM	1	49	22.39	22.54	22.51		
10	64QAM	25	0	21.38	21.55	21.38	22.5	3
10	64QAM	25	12	21.49	21.39	21.44		
10	64QAM	25	25	21.33	21.50	21.54		
10	64QAM	50	0	21.40	21.55	21.55		
10	256QAM	1	0	19.31	19.54	19.44	20.5	5
10	256QAM	1	25	19.32	19.41	19.38		
10	256QAM	1	49	19.39	19.50	19.43		
10	256QAM	25	0	19.37	19.52	19.37	20.5	5
10	256QAM	25	12	19.36	19.45	19.39		
10	256QAM	25	25	19.44	19.41	19.43		
10	256QAM	50	0	19.36	19.47	19.51		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.53	24.65	24.57	25.5	0
5	QPSK	1	12	24.46	24.57	24.50		
5	QPSK	1	24	24.34	24.58	24.48		
5	QPSK	12	0	23.46	23.57	23.42	24.5	1
5	QPSK	12	7	23.42	23.48	23.48		
5	QPSK	12	13	23.47	23.38	23.41		
5	QPSK	25	0	23.51	23.59	23.47		
5	16QAM	1	0	23.50	23.53	23.54	24.5	1
5	16QAM	1	12	23.38	23.47	23.38		
5	16QAM	1	24	23.40	23.39	23.43		
5	16QAM	12	0	22.34	22.50	22.43	23.5	2
5	16QAM	12	7	22.43	22.36	22.53		
5	16QAM	12	13	22.38	22.52	22.35		
5	16QAM	25	0	22.43	22.53	22.43		
5	64QAM	1	0	22.55	22.58	22.51	23.5	2
5	64QAM	1	12	22.44	22.43	22.36		
5	64QAM	1	24	22.45	22.57	22.42		
5	64QAM	12	0	21.35	21.62	21.40	22.5	3
5	64QAM	12	7	21.44	21.36	21.44		
5	64QAM	12	13	21.42	21.49	21.48		
5	64QAM	25	0	21.40	21.49	21.53		
5	256QAM	1	0	19.32	19.48	19.42	20.5	5
5	256QAM	1	12	19.41	19.48	19.40		
5	256QAM	1	24	19.39	19.40	19.40		
5	256QAM	12	0	19.39	19.54	19.44	20.5	5
5	256QAM	12	7	19.33	19.49	19.31		
5	256QAM	12	13	19.41	19.41	19.47		
5	256QAM	25	0	19.38	19.47	19.46		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.71	24.60	24.81	24.74	24.75	25.5	0
20	QPSK	1	49	24.60	24.68	24.74	24.64	24.62		
20	QPSK	1	99	24.72	24.58	24.77	24.64	24.64		
20	QPSK	50	0	23.75	23.64	23.79	23.69	23.70	24.5	1
20	QPSK	50	24	23.63	23.66	23.68	23.68	23.53		
20	QPSK	50	50	23.64	23.63	23.73	23.62	23.58		
20	QPSK	100	0	23.60	23.51	23.73	23.56	23.69		
20	16QAM	1	0	23.71	23.63	23.75	23.67	23.64	24.5	1
20	16QAM	1	49	23.54	23.58	23.61	23.58	23.56		
20	16QAM	1	99	23.57	23.63	23.63	23.62	23.52		
20	16QAM	50	0	22.68	22.56	22.76	22.68	22.67	23.5	2
20	16QAM	50	24	22.55	22.60	22.61	22.66	22.58		
20	16QAM	50	50	22.54	22.57	22.65	22.69	22.56		
20	16QAM	100	0	22.62	22.58	22.70	22.62	22.56		
20	64QAM	1	0	22.62	22.61	22.77	22.65	22.63	23.5	2
20	64QAM	1	49	22.64	22.54	22.72	22.57	22.64		
20	64QAM	1	99	22.59	22.57	22.66	22.60	22.60		
20	64QAM	50	0	21.68	21.62	21.77	21.68	21.62	22.5	3
20	64QAM	50	24	21.52	21.58	21.65	21.59	21.61		
20	64QAM	50	50	21.61	21.64	21.68	21.60	21.59		
20	64QAM	100	0	21.59	21.62	21.69	21.58	21.65		
20	256QAM	1	0	19.57	19.53	19.65	19.65	19.55	20.5	5
20	256QAM	1	49	19.52	19.60	19.65	19.56	19.61		
20	256QAM	1	99	19.49	19.57	19.63	19.55	19.53		
20	256QAM	50	0	19.67	19.55	19.73	19.58	19.65	20.5	5
20	256QAM	50	24	19.64	19.61	19.68	19.54	19.62		
20	256QAM	50	50	19.49	19.52	19.63	19.59	19.58		
20	256QAM	100	0	19.56	19.52	19.70	19.59	19.63		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.68	24.47	24.71	24.59	24.69	25.50	0
15	QPSK	1	37	24.48	24.64	24.68	24.50	24.58		
15	QPSK	1	74	24.63	24.46	24.67	24.53	24.59		
15	QPSK	36	0	23.63	23.56	23.72	23.59	23.64	24.5	1
15	QPSK	36	20	23.55	23.55	23.65	23.55	23.49		
15	QPSK	36	39	23.55	23.51	23.65	23.47	23.48		
15	QPSK	75	0	23.53	23.39	23.69	23.46	23.63		
15	16QAM	1	0	23.64	23.51	23.71	23.58	23.57	24.5	1
15	16QAM	1	37	23.42	23.51	23.46	23.45	23.52		
15	16QAM	1	74	23.53	23.58	23.49	23.52	23.40		
15	16QAM	36	0	22.64	22.50	22.66	22.65	22.61	23.5	2
15	16QAM	36	20	22.46	22.51	22.49	22.52	22.48		
15	16QAM	36	39	22.44	22.47	22.53	22.63	22.53		
15	16QAM	75	0	22.49	22.43	22.65	22.57	22.46		
15	64QAM	1	0	22.54	22.51	22.66	22.60	22.48	23.5	2
15	64QAM	1	37	22.52	22.47	22.63	22.49	22.54		
15	64QAM	1	74	22.55	22.44	22.62	22.57	22.51		
15	64QAM	36	0	21.54	21.54	21.63	21.55	21.57	22.5	3
15	64QAM	36	20	21.38	21.48	21.61	21.53	21.51		
15	64QAM	36	39	21.58	21.57	21.63	21.56	21.54		
15	64QAM	75	0	21.52	21.58	21.64	21.53	21.59		
15	256QAM	1	0	19.49	19.46	19.55	19.60	19.52	20.5	5
15	256QAM	1	37	19.42	19.46	19.50	19.49	19.58		
15	256QAM	1	74	19.44	19.49	19.54	19.48	19.47		
15	256QAM	36	0	19.55	19.47	19.65	19.45	19.53	20.5	5
15	256QAM	36	20	19.49	19.51	19.55	19.48	19.58		
15	256QAM	36	39	19.36	19.38	19.57	19.54	19.54		
15	256QAM	75	0	19.49	19.44	19.61	19.52	19.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.57	24.55	24.76	24.68	24.69	25.50	0
10	QPSK	1	25	24.52	24.56	24.63	24.49	24.52		
10	QPSK	1	49	24.60	24.49	24.69	24.51	24.59		
10	QPSK	25	0	23.62	23.57	23.74	23.62	23.63	24.5	1
10	QPSK	25	12	23.49	23.61	23.62	23.53	23.43		
10	QPSK	25	25	23.56	23.55	23.67	23.58	23.46		
10	QPSK	50	0	23.56	23.42	23.68	23.42	23.60		
10	16QAM	1	0	23.62	23.57	23.65	23.58	23.49	24.5	1
10	16QAM	1	25	23.41	23.50	23.49	23.48	23.46		
10	16QAM	1	49	23.51	23.53	23.54	23.53	23.42		
10	16QAM	25	0	22.56	22.51	22.63	22.64	22.61	23.5	2
10	16QAM	25	12	22.49	22.57	22.53	22.55	22.44		
10	16QAM	25	25	22.43	22.44	22.57	22.58	22.53		
10	16QAM	50	0	22.51	22.52	22.57	22.48	22.41		
10	64QAM	1	0	22.53	22.57	22.68	22.55	22.53	23.5	2
10	64QAM	1	25	22.60	22.42	22.61	22.52	22.55		
10	64QAM	1	49	22.44	22.46	22.55	22.52	22.46		
10	64QAM	25	0	21.63	21.52	21.74	21.65	21.51	22.5	3
10	64QAM	25	12	21.44	21.52	21.50	21.53	21.47		
10	64QAM	25	25	21.48	21.55	21.54	21.49	21.45		
10	64QAM	50	0	21.47	21.56	21.63	21.50	21.60		
10	256QAM	1	0	19.46	19.48	19.57	19.57	19.47	20.5	5
10	256QAM	1	25	19.46	19.49	19.56	19.43	19.51		
10	256QAM	1	49	19.42	19.52	19.53	19.42	19.45		
10	256QAM	25	0	19.55	19.48	19.59	19.46	19.54	20.5	5
10	256QAM	25	12	19.54	19.47	19.65	19.44	19.59		
10	256QAM	25	25	19.43	19.41	19.54	19.48	19.44		
10	256QAM	50	0	19.43	19.43	19.57	19.52	19.59		
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	24.67	24.46	24.68	24.60	24.61	25.50	0
5	QPSK	1	12	24.56	24.57	24.66	24.52	24.53		
5	QPSK	1	24	24.67	24.46	24.68	24.61	24.58		
5	QPSK	12	0	23.64	23.51	23.66	23.61	23.66	24.5	1
5	QPSK	12	7	23.54	23.60	23.63	23.56	23.49		
5	QPSK	12	13	23.51	23.57	23.69	23.51	23.54		
5	QPSK	25	0	23.50	23.41	23.68	23.52	23.61		
5	16QAM	1	0	23.67	23.58	23.67	23.54	23.49	24.5	1
5	16QAM	1	12	23.40	23.47	23.52	23.43	23.49		
5	16QAM	1	24	23.45	23.50	23.48	23.48	23.45		
5	16QAM	12	0	22.53	22.45	22.68	22.62	22.53	23.5	2
5	16QAM	12	7	22.47	22.48	22.50	22.58	22.52		
5	16QAM	12	13	22.39	22.47	22.59	22.55	22.42		
5	16QAM	25	0	22.53	22.50	22.61	22.50	22.50		
5	64QAM	1	0	22.51	22.56	22.72	22.58	22.50	23.5	2
5	64QAM	1	12	22.57	22.39	22.66	22.49	22.53		
5	64QAM	1	24	22.50	22.43	22.58	22.54	22.49		
5	64QAM	12	0	21.62	21.49	21.63	21.60	21.48	22.5	3
5	64QAM	12	7	21.45	21.45	21.57	21.52	21.56		
5	64QAM	12	13	21.48	21.53	21.62	21.50	21.46		
5	64QAM	25	0	21.46	21.56	21.58	21.47	21.52		
5	256QAM	1	0	19.52	19.43	19.57	19.61	19.46	20.5	5
5	256QAM	1	12	19.49	19.56	19.51	19.49	19.49		
5	256QAM	1	24	19.39	19.44	19.56	19.49	19.41		
5	256QAM	12	0	19.61	19.48	19.62	19.51	19.58	20.5	5
5	256QAM	12	7	19.58	19.51	19.60	19.43	19.51		
5	256QAM	12	13	19.43	19.49	19.53	19.53	19.53		
5	256QAM	25	0	19.51	19.41	19.62	19.55	19.53		

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	23.47	23.56	23.44		
20	QPSK	1	49	23.39	23.41	23.45	25	0
20	QPSK	1	99	23.39	23.49	23.39		
20	QPSK	50	0	22.41	22.63	22.52		
20	QPSK	50	24	22.43	22.51	22.44	24	1
20	QPSK	50	50	22.43	22.56	22.51		
20	QPSK	100	0	22.44	22.61	22.45		
20	16QAM	1	0	22.57	22.62	22.56		
20	16QAM	1	49	22.41	22.47	22.41	24	1
20	16QAM	1	99	22.38	22.43	22.43		
20	16QAM	50	0	21.39	21.58	21.49		
20	16QAM	50	24	21.43	21.44	21.41	23	2
20	16QAM	50	50	21.42	21.44	21.42		
20	16QAM	100	0	21.44	21.48	21.43		
20	64QAM	1	0	21.58	21.71	21.66		
20	64QAM	1	49	21.47	21.51	21.43	23	2
20	64QAM	1	99	21.44	21.56	21.47		
20	64QAM	50	0	20.46	20.62	20.54		
20	64QAM	50	24	20.40	20.47	20.50	22	3
20	64QAM	50	50	20.48	20.57	20.48		
20	64QAM	100	0	20.47	20.57	20.52		
20	256QAM	1	0	18.38	18.45	18.46		
20	256QAM	1	49	18.40	18.56	18.52	20	5
20	256QAM	1	99	18.43	18.49	18.42		
20	256QAM	50	0	18.47	18.59	18.50		
20	256QAM	50	24	18.43	18.48	18.52	20	5
20	256QAM	50	50	18.47	18.54	18.50		
20	256QAM	100	0	18.43	18.52	18.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.40	23.43	23.39		
15	QPSK	1	37	23.30	23.31	23.30	25	0
15	QPSK	1	74	23.30	23.43	23.35		
15	QPSK	36	0	22.38	22.55	22.41		
15	QPSK	36	20	22.37	22.45	22.38	24	1
15	QPSK	36	39	22.34	22.45	22.41		
15	QPSK	75	0	22.38	22.47	22.35		
15	16QAM	1	0	22.45	22.49	22.48		
15	16QAM	1	37	22.27	22.43	22.29	24	1
15	16QAM	1	74	22.32	22.37	22.38		
15	16QAM	36	0	21.28	21.47	21.44		
15	16QAM	36	20	21.38	21.33	21.30	23	2
15	16QAM	36	39	21.33	21.32	21.37		
15	16QAM	75	0	21.32	21.39	21.39		
15	64QAM	1	0	21.50	21.62	21.58		
15	64QAM	1	37	21.44	21.43	21.32	23	2
15	64QAM	1	74	21.32	21.51	21.38		
15	64QAM	36	0	20.37	20.51	20.45		
15	64QAM	36	20	20.31	20.36	20.42	22	3
15	64QAM	36	39	20.34	20.44	20.44		
15	64QAM	75	0	20.38	20.51	20.46		
15	256QAM	1	0	18.35	18.41	18.34		
15	256QAM	1	37	18.36	18.47	18.45	20	5
15	256QAM	1	74	18.28	18.43	18.37		
15	256QAM	36	0	18.44	18.48	18.40		
15	256QAM	36	20	18.33	18.38	18.44	20	5
15	256QAM	36	39	18.40	18.36	18.36		
15	256QAM	75	0	18.35	18.45	18.28		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.27	23.44	23.33		
10	QPSK	1	25	23.27	23.37	23.31	25	0
10	QPSK	1	49	23.33	23.41	23.35		
10	QPSK	25	0	22.27	22.52	22.45		
10	QPSK	25	12	22.40	22.36	22.40	24	1
10	QPSK	25	25	22.36	22.52	22.47		
10	QPSK	50	0	22.31	22.52	22.37		
10	16QAM	1	0	22.45	22.52	22.47		
10	16QAM	1	25	22.30	22.40	22.36	24	1
10	16QAM	1	49	22.24	22.39	22.40		
10	16QAM	25	0	21.33	21.50	21.38		
10	16QAM	25	12	21.30	21.35	21.33	23	2
10	16QAM	25	25	21.28	21.31	21.36		
10	16QAM	50	0	21.41	21.41	21.37		
10	64QAM	1	0	21.45	21.65	21.60		
10	64QAM	1	25	21.34	21.45	21.39	23	2
10	64QAM	1	49	21.31	21.42	21.43		
10	64QAM	25	0	20.33	20.49	20.41		
10	64QAM	25	12	20.30	20.33	20.43	22	3
10	64QAM	25	25	20.44	20.52	20.36		
10	64QAM	50	0	20.35	20.49	20.47		
10	256QAM	1	0	18.23	18.43	18.40		
10	256QAM	1	25	18.34	18.49	18.46	20	5
10	256QAM	1	49	18.30	18.36	18.27		
10	256QAM	25	0	18.42	18.45	18.36		
10	256QAM	25	12	18.34	18.41	18.47	20	5
10	256QAM	25	25	18.39	18.37	18.42		
10	256QAM	50	0	18.37	18.46	18.38		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.34	23.49	23.36		
5	QPSK	1	12	23.32	23.31	23.34	25	0
5	QPSK	1	24	23.31	23.36	23.28		
5	QPSK	12	0	22.38	22.48	22.46		
5	QPSK	12	7	22.39	22.46	22.29	24	1
5	QPSK	12	13	22.29	22.45	22.43		
5	QPSK	25	0	22.31	22.49	22.34		
5	16QAM	1	0	22.52	22.55	22.51		
5	16QAM	1	12	22.35	22.42	22.33	24	1
5	16QAM	1	24	22.26	22.32	22.29		
5	16QAM	12	0	21.35	21.52	21.36		
5	16QAM	12	7	21.34	21.38	21.31	23	2
5	16QAM	12	13	21.32	21.40	21.34		
5	16QAM	25	0	21.32	21.40	21.36		
5	64QAM	1	0	21.47	21.63	21.56		
5	64QAM	1	12	21.32	21.40	21.33	23	2
5	64QAM	1	24	21.32	21.44	21.32		
5	64QAM	12	0	20.32	20.53	20.44		
5	64QAM	12	7	20.28	20.42	20.39	22	3
5	64QAM	12	13	20.37	20.54	20.39		
5	64QAM	25	0	20.40	20.49	20.41		
5	256QAM	1	0	18.28	18.37	18.43		
5	256QAM	1	12	18.33	18.45	18.44	20	5
5	256QAM	1	24	18.36	18.42	18.28		
5	256QAM	12	0	18.32	18.42	18.43		
5	256QAM	12	7	18.30	18.45	18.37	20	5
5	256QAM	12	13	18.35	18.33	18.36		
5	256QAM	25	0	18.30	18.45	18.34		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.42	23.44	23.34		
3	QPSK	1	8	23.27	23.33	23.40	25	0
3	QPSK	1	14	23.35	23.42	23.26		
3	QPSK	8	0	22.30	22.51	22.41		
3	QPSK	8	4	22.37	22.47	22.30	24	1
3	QPSK	8	7	22.31	22.46	22.39		
3	QPSK	15	0	22.31	22.53	22.41		
3	16QAM	1	0	22.45	22.49	22.43		
3	16QAM	1	8	22.27	22.41	22.27	24	1
3	16QAM	1	14	22.25	22.29	22.28		
3	16QAM	8	0	21.32	21.45	21.41		
3	16QAM	8	4	21.37	21.36	21.33	23	2
3	16QAM	8	7	21.29	21.40	21.33		
3	16QAM	15	0	21.31	21.36	21.31		
3	64QAM	1	0	21.52	21.61	21.58		
3	64QAM	1	8	21.42	21.46	21.37	23	2
3	64QAM	1	14	21.38	21.48	21.43		
3	64QAM	8	0	20.32	20.51	20.46		
3	64QAM	8	4	20.32	20.40	20.37	22	3
3	64QAM	8	7	19.37	20.46	20.44		
3	64QAM	15	0	20.39	20.52	20.45		
3	256QAM	1	0	18.33	18.41	18.34		
3	256QAM	1	8	18.34	18.46	18.47	20	5
3	256QAM	1	14	18.33	18.37	18.37		
3	256QAM	8	0	18.36	18.50	18.36		
3	256QAM	8	4	18.28	18.40	18.38	20	5
3	256QAM	8	7	18.44	18.30	18.46		
3	256QAM	15	0	18.39	18.49	18.37		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.39	23.51	23.40		
1.4	QPSK	1	3	23.25	23.31	23.32		
1.4	QPSK	1	5	23.31	23.40	23.28	25	0
1.4	QPSK	3	0	23.27	23.51	23.41		
1.4	QPSK	3	1	23.38	23.48	23.33		
1.4	QPSK	3	3	23.40	23.41	23.43		
1.4	QPSK	6	0	22.30	22.54	22.36	24	1
1.4	16QAM	1	0	22.50	22.48	22.43		
1.4	16QAM	1	3	22.32	22.41	22.38		
1.4	16QAM	1	5	22.30	22.32	22.30	24	1
1.4	16QAM	3	0	22.33	22.48	22.44		
1.4	16QAM	3	1	22.33	22.31	22.29		
1.4	16QAM	3	3	22.36	22.40	22.34		
1.4	16QAM	6	0	21.30	21.41	21.38	23	2
1.4	64QAM	1	0	21.49	21.59	21.55		
1.4	64QAM	1	3	21.40	21.46	21.38		
1.4	64QAM	1	5	21.39	21.45	21.38	23	2
1.4	64QAM	3	0	21.34	21.52	21.45		
1.4	64QAM	3	1	21.34	21.35	21.44		
1.4	64QAM	3	3	21.38	21.53	21.33		
1.4	64QAM	6	0	20.43	20.53	20.42	22	3
1.4	256QAM	1	0	18.32	18.41	18.34		
1.4	256QAM	1	3	18.31	18.44	18.45		
1.4	256QAM	1	5	18.39	18.35	18.38	20	5
1.4	256QAM	3	0	18.37	18.52	18.41		
1.4	256QAM	3	1	18.30	18.33	18.43		
1.4	256QAM	3	3	18.32	18.34	18.35		
1.4	256QAM	6	0	18.38	18.42	18.38	20	5

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.70	22.87	22.79		
20	QPSK	1	49	22.70	22.82	22.72	24.5	0
20	QPSK	1	99	22.71	22.80	22.78		
20	QPSK	50	0	21.64	21.85	21.73		
20	QPSK	50	24	21.63	21.71	21.73	23.5	1
20	QPSK	50	50	21.69	21.82	21.70		
20	QPSK	100	0	21.62	21.82	21.70		
20	16QAM	1	0	21.64	21.77	21.79		
20	16QAM	1	49	21.60	21.76	21.67	23.5	1
20	16QAM	1	99	21.63	21.68	21.68		
20	16QAM	50	0	20.61	20.80	20.71		
20	16QAM	50	24	20.58	20.68	20.71	22.5	2
20	16QAM	50	50	20.65	20.65	20.72		
20	16QAM	100	0	20.59	20.76	20.72		
20	64QAM	1	0	20.82	20.81	20.75		
20	64QAM	1	49	20.64	20.79	20.70	22.5	2
20	64QAM	1	99	20.62	20.77	20.72		
20	64QAM	50	0	19.67	19.82	19.67		
20	64QAM	50	24	19.65	19.71	19.65	21.5	3
20	64QAM	50	50	19.65	19.77	19.73		
20	64QAM	100	0	19.65	19.70	19.72		
20	256QAM	1	0	17.75	17.78	17.80		
20	256QAM	1	49	17.73	17.82	17.72	19.5	5
20	256QAM	1	99	17.66	17.78	17.80		
20	256QAM	50	0	17.69	17.88	17.71		
20	256QAM	50	24	17.71	17.82	17.76	19.5	5
20	256QAM	50	50	17.66	17.81	17.77		
20	256QAM	100	0	17.68	17.84	17.69		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.63	22.74	22.66		
15	QPSK	1	37	22.55	22.71	22.69	24.5	0
15	QPSK	1	74	22.68	22.70	22.63		
15	QPSK	36	0	21.55	21.79	21.61		
15	QPSK	36	20	21.59	21.60	21.65	23.5	1
15	QPSK	36	39	21.58	21.57	21.65		
15	QPSK	75	0	21.53	21.69	21.59		
15	16QAM	1	0	21.58	21.74	21.66		
15	16QAM	1	37	21.54	21.61	21.59	23.5	1
15	16QAM	1	74	21.59	21.60	21.56		
15	16QAM	36	0	20.52	20.70	20.58		
15	16QAM	36	20	20.59	20.62	20.65	22.5	2
15	16QAM	36	39	20.54	20.51	20.67		
15	16QAM	75	0	20.55	20.72	20.66		
15	64QAM	1	0	20.59	20.77	20.69		
15	64QAM	1	37	20.52	20.71	20.58	22.5	2
15	64QAM	1	74	20.52	20.69	20.61		
15	64QAM	36	0	19.55	19.72	19.57		
15	64QAM	36	20	19.58	19.58	19.55	21.5	3
15	64QAM	36	39	19.54	19.73	19.68		
15	64QAM	75	0	19.51	19.65	19.68		
15	256QAM	1	0	17.70	17.74	17.73		
15	256QAM	1	37	17.63	17.68	17.67	19.5	5
15	256QAM	1	74	17.54	17.63	17.72		
15	256QAM	36	0	17.64	17.81	17.64		
15	256QAM	36	20	17.59	17.69	17.69	19.5	5
15	256QAM	36	39	17.54	17.75	17.73		
15	256QAM	75	0	17.61	17.80	17.62		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.65	22.75	22.65		
10	QPSK	1	25	22.67	22.79	22.65	24.5	0
10	QPSK	1	49	22.58	22.68	22.74		
10	QPSK	25	0	21.55	21.79	21.70		
10	QPSK	25	12	21.59	21.66	21.65	23.5	1
10	QPSK	25	25	21.55	21.71	21.63		
10	QPSK	50	0	21.61	21.77	21.56		
10	16QAM	1	0	21.52	21.74	21.70		
10	16QAM	1	25	21.55	21.72	21.54	23.5	1
10	16QAM	1	49	21.59	21.80	21.53		
10	16QAM	25	0	20.55	20.71	20.66		
10	16QAM	25	12	20.58	20.55	20.61	22.5	2
10	16QAM	25	25	20.52	20.59	20.68		
10	16QAM	50	0	20.51	20.63	20.59		
10	64QAM	1	0	20.63	20.66	20.60		
10	64QAM	1	25	20.60	20.65	20.58	22.5	2
10	64QAM	1	49	20.58	20.70	20.67		
10	64QAM	25	0	19.57	19.74	19.59		
10	64QAM	25	12	19.56	19.66	19.57	21.5	3
10	64QAM	25	25	19.54	19.64	19.61		
10	64QAM	50	0	19.51	19.61	19.68		
10	256QAM	1	0	17.72	17.83	17.73		
10	256QAM	1	25	17.65	17.77	17.64	19.5	5
10	256QAM	1	49	17.56	17.66	17.73		
10	256QAM	25	0	17.58	17.84	17.65		
10	256QAM	25	12	17.64	17.74	17.59	19.5	5
10	256QAM	25	25	17.55	17.72	17.69		
10	256QAM	50	0	17.62	17.73	17.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.57	22.78	22.72		
5	QPSK	1	12	22.58	22.74	22.66	24.5	0
5	QPSK	1	24	22.61	22.70	22.73		
5	QPSK	12	0	21.51	21.71	21.60		
5	QPSK	12	7	21.56	21.59	21.69	23.5	1
5	QPSK	12	13	21.64	21.77	21.66		
5	QPSK	25	0	21.58	21.76	21.63		
5	16QAM	1	0	21.60	21.72	21.70		
5	16QAM	1	12	21.58	21.78	21.53	23.5	1
5	16QAM	1	24	21.55	21.56	21.59		
5	16QAM	12	0	20.51	20.72	20.59		
5	16QAM	12	7	20.53	20.62	20.64	22.5	2
5	16QAM	12	13	20.56	20.53	20.65		
5	16QAM	25	0	20.54	20.70	20.65		
5	64QAM	1	0	20.65	20.66	20.69		
5	64QAM	1	12	20.56	20.70	20.59	22.5	2
5	64QAM	1	24	20.56	20.70	20.64		
5	64QAM	12	0	19.58	19.76	19.62		
5	64QAM	12	7	19.57	19.59	19.56	21.5	3
5	64QAM	12	13	19.61	19.72	19.61		
5	64QAM	25	0	19.55	19.62	19.60		
5	256QAM	1	0	17.60	17.66	17.72		
5	256QAM	1	12	17.62	17.73	17.64	19.5	5
5	256QAM	1	24	17.63	17.70	17.66		
5	256QAM	12	0	17.58	17.84	17.63		
5	256QAM	12	7	17.67	17.76	17.68	19.5	5
5	256QAM	12	13	17.51	17.74	17.65		
5	256QAM	25	0	17.64	17.79	17.58		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.60	22.77	22.65		
3	QPSK	1	8	22.67	22.77	22.59	24.5	0
3	QPSK	1	14	22.56	22.69	22.74		
3	QPSK	8	0	21.59	21.80	21.65		
3	QPSK	8	4	21.53	21.61	21.60	23.5	1
3	QPSK	8	7	21.63	21.74	21.65		
3	QPSK	15	0	21.56	21.72	21.58		
3	16QAM	1	0	21.57	21.75	21.67		
3	16QAM	1	8	21.54	21.68	21.61	23.5	1
3	16QAM	1	14	21.59	21.60	21.64		
3	16QAM	8	0	20.53	20.68	20.63		
3	16QAM	8	4	20.54	20.55	20.63	22.5	2
3	16QAM	8	7	20.52	20.52	20.62		
3	16QAM	15	0	20.56	20.72	20.65		
3	64QAM	1	0	20.65	20.70	20.70		
3	64QAM	1	8	20.58	20.72	20.60	22.5	2
3	64QAM	1	14	20.57	20.68	20.68		
3	64QAM	8	0	19.53	19.76	19.60		
3	64QAM	8	4	19.53	19.66	19.55	21.5	3
3	64QAM	8	7	19.60	19.73	19.68		
3	64QAM	15	0	19.60	19.59	19.58		
3	256QAM	1	0	17.67	17.70	17.73		
3	256QAM	1	8	17.70	17.73	17.84	19.5	5
3	256QAM	1	14	17.62	17.64	17.69		
3	256QAM	8	0	17.61	17.81	17.60		
3	256QAM	8	4	17.63	17.78	17.66	19.5	5
3	256QAM	8	7	17.59	17.77	17.71		
3	256QAM	15	0	17.55	17.74	17.60		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.57	22.73	22.64		
1.4	QPSK	1	3	22.63	22.74	22.68		
1.4	QPSK	1	5	22.62	22.69	22.67	24.5	0
1.4	QPSK	3	0	22.56	22.75	22.64		
1.4	QPSK	3	1	22.51	22.61	22.68		
1.4	QPSK	3	3	22.63	22.76	22.65		
1.4	QPSK	6	0	21.55	21.76	21.64	23.5	1
1.4	16QAM	1	0	21.53	21.72	21.75		
1.4	16QAM	1	3	21.51	21.63	21.57		
1.4	16QAM	1	5	21.56	21.62	21.62	23.5	1
1.4	16QAM	3	0	21.54	21.66	21.67		
1.4	16QAM	3	1	21.54	21.60	21.64		
1.4	16QAM	3	3	21.54	21.56	21.61		
1.4	16QAM	6	0	20.59	20.65	20.66	22.5	2
1.4	64QAM	1	0	20.65	20.67	20.72		
1.4	64QAM	1	3	20.56	20.68	20.61		
1.4	64QAM	1	5	20.55	20.69	20.66	22.5	2
1.4	64QAM	3	0	20.55	20.70	20.60		
1.4	64QAM	3	1	20.53	20.68	20.57		
1.4	64QAM	3	3	20.51	20.67	20.59		
1.4	64QAM	6	0	19.57	19.63	19.65	21.5	3
1.4	256QAM	1	0	17.70	17.67	17.76		
1.4	256QAM	1	3	17.69	17.72	17.68		
1.4	256QAM	1	5	17.53	17.67	17.69	19.5	5
1.4	256QAM	3	0	17.62	17.83	17.66		
1.4	256QAM	3	1	17.65	17.71	17.63		
1.4	256QAM	3	3	17.55	17.76	17.70		
1.4	256QAM	6	0	17.62	17.79	17.65	19.5	5

Band 7 Ant4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.02	22.07	21.91		
20	QPSK	1	49	21.84	21.94	21.83	23	0
20	QPSK	1	99	21.79	21.92	21.84		
20	QPSK	50	0	21.91	21.97	21.86		
20	QPSK	50	24	21.79	21.86	21.76	23	0
20	QPSK	50	50	21.82	21.92	21.86		
20	QPSK	100	0	21.84	21.89	21.77		
20	16QAM	1	0	21.94	22.01	21.87		
20	16QAM	1	49	21.87	21.95	21.87	23	0
20	16QAM	1	99	21.83	21.87	21.81		
20	16QAM	50	0	21.87	21.92	21.85		
20	16QAM	50	24	21.76	21.81	21.68

Band 38 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.46	23.55	23.41	25	0
20	QPSK	1	49	23.39	23.42	23.36		
20	QPSK	1	99	23.42	23.48	23.44		
20	QPSK	50	0	22.44	22.61	22.47	24	1
20	QPSK	50	24	22.48	22.48	22.54		
20	QPSK	50	50	22.47	22.57	22.51		
20	QPSK	100	0	22.45	22.58	22.42		
20	16QAM	1	0	22.52	22.63	22.50	24	1
20	16QAM	1	49	22.38	22.45	22.44		
20	16QAM	1	99	22.38	22.44	22.47		
20	16QAM	50	0	21.39	21.59	21.48	23	2
20	16QAM	50	24	21.37	21.49	21.48		
20	16QAM	50	50	21.44	21.54	21.47		
20	16QAM	100	0	21.41	21.50	21.48		
20	64QAM	1	0	21.53	21.59	21.57	23	2
20	64QAM	1	49	21.34	21.45	21.45		
20	64QAM	1	99	21.39	21.54	21.41		
20	64QAM	50	0	20.42	20.57	20.44	22	3
20	64QAM	50	24	20.44	20.54	20.50		
20	64QAM	50	50	20.43	20.48	20.42		
20	64QAM	100	0	20.42	20.51	20.38		
20	256QAM	1	0	18.37	18.47	18.38	20	5
20	256QAM	1	49	18.39	18.51	18.45		
20	256QAM	1	99	18.42	18.49	18.47		
20	256QAM	50	0	18.35	18.56	18.48	20	5
20	256QAM	50	24	18.41	18.47	18.47		
20	256QAM	50	50	18.44	18.45	18.40		
20	256QAM	100	0	18.39	18.51	18.37		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.38	23.49	23.29	25	0
15	QPSK	1	37	23.28	23.33	23.31		
15	QPSK	1	74	23.29	23.40	23.39		
15	QPSK	36	0	22.35	22.54	22.37	24	1
15	QPSK	36	20	22.41	22.38	22.43		
15	QPSK	36	39	22.42	22.42	22.42		
15	QPSK	75	0	22.34	22.53	22.35		
15	16QAM	1	0	22.48	22.56	22.45	24	1
15	16QAM	1	37	22.34	22.36	22.32		
15	16QAM	1	74	22.28	22.32	22.40		
15	16QAM	36	0	21.31	21.54	21.37	23	2
15	16QAM	36	20	21.27	21.40	21.36		
15	16QAM	36	39	21.38	21.50	21.42		
15	16QAM	75	0	21.27	21.45	21.38		
15	64QAM	1	0	21.39	21.55	21.51	23	2
15	64QAM	1	37	21.28	21.33	21.37		
15	64QAM	1	74	21.31	21.40	21.34		
15	64QAM	36	0	20.33	20.48	20.36	22	3
15	64QAM	36	20	20.39	20.46	20.41		
15	64QAM	36	39	20.34	20.41	20.30		
15	64QAM	75	0	20.28	20.39	20.24		
15	256QAM	1	0	18.25	18.42	18.28	20	5
15	256QAM	1	37	18.32	18.48	18.42		
15	256QAM	1	74	18.29	18.35	18.40		
15	256QAM	36	0	18.27	18.53	18.37	20	5
15	256QAM	36	20	18.34	18.41	18.41		
15	256QAM	36	39	18.40	18.33	18.26		
15	256QAM	75	0	18.34	18.46	18.33		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.40	23.46	23.29	25	0
10	QPSK	1	25	23.27	23.30	23.26		
10	QPSK	1	49	23.29	23.40	23.33		
10	QPSK	25	0	22.41	22.58	22.40	24	1
10	QPSK	25	12	22.42	22.37	22.39		
10	QPSK	25	25	22.44	22.52	22.48		
10	QPSK	50	0	22.32	22.52	22.31		
10	16QAM	1	0	22.46	22.55	22.39	24	1
10	16QAM	1	25	22.26	22.36	22.37		
10	16QAM	1	49	22.31	22.30	22.33		
10	16QAM	25	0	21.28	21.54	21.40	23	2
10	16QAM	25	12	21.24	21.38	21.37		
10	16QAM	25	25	21.40	21.48	21.39		
10	16QAM	50	0	21.34	21.37	21.41		
10	64QAM	1	0	21.43	21.52	21.50	23	2
10	64QAM	1	25	21.29	21.33	21.33		
10	64QAM	1	49	21.33	21.45	21.32		
10	64QAM	25	0	20.32	20.46	20.29	22	3
10	64QAM	25	12	20.30	20.51	20.45		
10	64QAM	25	25	20.34	20.44	20.34		
10	64QAM	50	0	20.27	20.41	20.25		
10	256QAM	1	0	18.28	18.37	18.27	20	5
10	256QAM	1	25	18.30	18.37	18.31		
10	256QAM	1	49	18.30	18.39	18.41		
10	256QAM	25	0	18.20	18.43	18.38	20	5
10	256QAM	25	12	18.28	18.33	18.34		
10	256QAM	25	25	18.29	18.34	18.30		
10	256QAM	50	0	18.34	18.40	18.32		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.42	23.46	23.30	25	0
5	QPSK	1	12	23.34	23.36	23.24		
5	QPSK	1	24	23.28	23.38	23.30		
5	QPSK	12	0	22.34	22.50	22.38	24	1
5	QPSK	12	7	22.37	22.37	22.50		
5	QPSK	12	13	22.42	22.50	22.37		
5	QPSK	25	0	22.38	22.50	22.34		
5	16QAM	1	0	22.45	22.57	22.37	24	1
5	16QAM	1	12	22.34	22.42	22.36		
5	16QAM	1	24	22.32	22.36	22.37		
5	16QAM	12	0	21.24	21.52	21.42	23	2
5	16QAM	12	7	21.26	21.35	21.44		
5	16QAM	12	13	21.33	21.45	21.41		
5	16QAM	25	0	21.26	21.46	21.33		
5	64QAM	1	0	21.45	21.46	21.54	23	2
5	64QAM	1	12	21.21	21.37	21.30		
5	64QAM	1	24	21.28	21.49	21.33		
5	64QAM	12	0	20.31	20.48	20.32	22	3
5	64QAM	12	7	20.33	20.39	20.42		
5	64QAM	12	13	20.40	20.41	20.29		
5	64QAM	25	0	20.28	20.39	20.25		
5	256QAM	1	0	18.27	18.42	18.30	20	5
5	256QAM	1	12	18.26	18.37	18.39		
5	256QAM	1	24	18.38	18.45	18.44		
5	256QAM	12	0	18.27	18.45	18.37	20	5
5	256QAM	12	7	18.28	18.39	18.38		
5	256QAM	12	13	18.33	18.41	18.30		
5	256QAM	25	0	18.33	18.40	18.32		

Band 41 Ant4 DSI3

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	23.29	23.22	23.32	23.19	23.26	24.5	0
20	QPSK	1	49	23.25	23.19	23.21	23.16	23.18		
20	QPSK	1	99	23.18	23.18	23.23	23.11	23.19		
20	QPSK	50	0	22.59	22.49	22.61	22.43	22.54	24	0.5
20	QPSK	50	24	22.55	22.47	22.54	22.42	22.42		
20	QPSK	50	50	22.36	22.42	22.50	22.43	22.41		
20	QPSK	100	0	22.42	22.31	22.52	22.50	22.37		
20	16QAM	1	0	22.51	22.44	22.62	22.48	22.44	24	0.5
20	16QAM	1	49	22.41	22.34	22.45	22.39	22.35		
20	16QAM	1	99	22.31	22.45	22.46	22.42	22.33		
20	16QAM	50	0	21.54	21.40	21.55	21.40	21.48	23	1.5
20	16QAM	50	24	21.33	21.47	21.42	21.43	21.34		
20	16QAM	50	50	21.44	21.43	21.51	21.40	21.45		
20	16QAM	100	0	21.49	21.43	21.52	21.46	21.39		
20	64QAM	1	0	21.56	21.47	21.61	21.57	21.57	23	1.5
20	64QAM	1	49	21.37	21.35	21.48	21.47	21.39		
20	64QAM	1	99	21.33	21.39	21.49	21.39	21.33		
20	64QAM	50	0	20.54	20.37	20.58	20.50	20.45	22	2.5
20	64QAM	50	24	20.41	20.49	20.47	20.54	20.43		
20	64QAM	50	50	20.34	20.43	20.50	20.46	20.39		
20	64QAM	100	0	20.37	20.53	20.49	20.46	20.39		
20	256QAM	1	0	18.31	18.43	18.40	18.46	18.29	20	4.5
20	256QAM	1	49	18.49	18.40	18.55	18.39	18.41		
20	256QAM	1	99	18.36	18.36	18.50	18.43	18.35		
20	256QAM	50	0	18.54	18.40	18.59	18.43	18.46	20	4.5
20	256QAM	50	24	18.44	18.37	18.44	18.40	18.44		
20	256QAM	50	50	18.33	18.41	18.48	18.45	18.47		
20	256QAM	100	0	18.40	18.36	18.43	18.45	18.34		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.26	23.15	23.27	23.13	23.12	24.50	0
15	QPSK	1	37	23.13	23.13	23.16	23.08	23.11		
15	QPSK	1	74	23.13	23.09	23.16	22.98	23.08		
15	QPSK	36	0	22.47	22.38	22.49	22.40	22.45	24	0.5
15	QPSK	36	20	22.40	22.41	22.42	22.37	22.34		
15	QPSK	36	39	22.27	22.39	22.35	22.31	22.32		
15	QPSK	75	0	22.32	22.27	22.48	22.40	22.24		
15	16QAM	1	0	22.44	22.33	22.51	22.43	22.37	24	0.5
15	16QAM	1	37	22.27	22.21	22.40	22.33	22.27		
15	16QAM	1	74	22.23	22.35	22.33	22.27	22.24		
15	16QAM	36	0	21.49	21.34	21.43	21.31	21.42	23	1.5
15	16QAM	36	20	21.21	21.35	21.29	21.39	21.25		
15	16QAM	36	39	21.35	21.39	21.41	21.36	21.38		
15	16QAM	75	0	21.37	21.37	21.46	21.34	21.31		
15	64QAM	1	0	21.46	21.41	21.48	21.46	21.44	23	1.5
15	64QAM	1	37	21.29	21.29	21.36	21.33	21.25		
15	64QAM	1	74	21.19	21.31	21.45	21.30	21.20		
15	64QAM	36	0	20.46	20.29	20.50	20.36	20.34	22	2.5
15	64QAM	36	20	20.32	20.38	20.33	20.41	20.34		
15	64QAM	36	39	20.27	20.35	20.46	20.33	20.34		
15	64QAM	75	0	20.24	20.49	20.39	20.39	20.33		
15	256QAM	1	0	18.21	18.38	18.29	18.38	18.25	20	4.5
15	256QAM	1	37	18.36	18.25	18.46	18.35	18.37		
15	256QAM	1	74	18.32	18.22	18.41	18.40	18.28		
15	256QAM	36	0	18.46	18.35	18.55	18.28	18.32	20	4.5
15	256QAM	36	20	18.38	18.22	18.31	18.37	18.37		
15	256QAM	36	39	18.21	18.28	18.34	18.39	18.43		
15	256QAM	75	0	18.29	18.33	18.40	18.39	18.22		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.24	23.09	23.27	23.06	23.13	24.50	0
10	QPSK	1	25	23.20	23.07	23.17	23.08	23.06		
10	QPSK	1	49	23.06	23.12	23.16	23.05	23.10		
10	QPSK	25	0	22.52	22.45	22.51	22.38	22.44	24	0.5
10	QPSK	25	12	22.50	22.37	22.41	22.37	22.36		
10	QPSK	25	25	22.27	22.33	22.45	22.31	22.28		
10	QPSK	50	0	22.34	22.19	22.45	22.42	22.24		
10	16QAM	1	0	22.42	22.36	22.55	22.41	22.31	24	0.5
10	16QAM	1	25	22.38	22.21	22.33	22.25	22.31		
10	16QAM	1	49	22.20	22.36	22.43	22.32	22.28		
10	16QAM	25	0	21.45	21.33	21.44	21.35	21.42	23	1.5
10	16QAM	25	12	21.24	21.32	21.30	21.38	21.22		
10	16QAM	25	25	21.39	21.30	21.36	21.33	21.38		
10	16QAM	50	0	21.35	21.38	21.48	21.41	21.28		
10	64QAM	1	0	21.52	21.38	21.52	21.48	21.46	23	1.5
10	64QAM	1	25	21.26	21.31	21.43	21.40	21.25		
10	64QAM	1	49	21.27	21.32	21.43	21.31	21.23		
10	64QAM	25	0	20.42	20.29	20.50	20.38	20.42	22	2.5
10	64QAM	25	12	20.30	20.34	20.32	20.42	20.38		
10	64QAM	25	25	20.27	20.39	20.44	20.38	20.35		
10	64QAM	50	0	20.31	20.49	20.35	20.34	20.36		
10	256QAM	1	0	18.17	18.34	18.31	18.38	18.18	20	4.5
10	256QAM	1	25	18.43	18.29	18.47	18.28	18.33		
10	256QAM	1	49	18.29	18.24	18.46	18.29	18.24		
10	256QAM	25	0	18.44	18.29	18.48	18.30	18.39	20	4.5
10	256QAM	25	12	18.35	18.32	18.40	18.26	18.31		
10	256QAM	25	25	18.28	18.36	18.39	18.36	18.37		
10	256QAM	50	0	18.29	18.33	18.30	18.34	18.22		
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	23.22	23.16	23.22	23.04	23.22	24.50	0
5	QPSK	1	12	23.16	23.07	23.10	23.05	23.14		
5	QPSK	1	24	23.14	23.14	23.18	23.03	23.07		
5	QPSK	12	0	22.56	22.43	22.56	22.33	22.45	24	0.5
5	QPSK	12	7	22.40	22.37	22.46	22.29	22.31		
5	QPSK	12	13	22.22	22.33	22.40	22.35	22.26		
5	QPSK	25	0	22.33	22.20	22.49	22.42	22.25		
5	16QAM	1	0	22.41	22.33	22.55	22.41	22.33	24	0.5
5	16QAM	1	12	22.28	22.22	22.41	22.34	22.21		
5	16QAM	1	24	22.16	22.39	22.36	22.38	22.19		
5	16QAM	12	0	21.40	21.26	21.50	21.31	21.39	23	1.5
5	16QAM	12	7	21.26	21.36	21.34	21.40	21.30		
5	16QAM	12	13	21.32	21.31	21.39	21.34	21.33		
5	16QAM	25	0	21.45	21.34	21.47	21.33	21.33		
5	64QAM	1	0	21.46	21.34	21.51	21.53	21.52	23	1.5
5	64QAM	1	12	21.26	21.32	21.40	21.43	21.27		
5	64QAM	1	24	21.27	21.32	21.42	21.31	21.21		
5	64QAM	12	0	20.46	20.31	20.54	20.38	20.40	22	2.5
5	64QAM	12	7	20.29	20.39	20.36	20.49	20.38		
5	64QAM	12	13	20.28	20.36	20.36	20.37	20.28		
5	64QAM	25	0	20.28	20.45	20.37	20.38	20.34		
5	256QAM	1	0	18.19	18.38	18.35	18.38	18.16	20	4.5
5	256QAM	1	12	18.37	18.30	18.48	18.35	18.32		
5	256QAM	1	24	18.28	18.23	18.41	18.37	18.27		
5	256QAM	12	0	18.48	18.29	18.47	18.36	18.39	20	4.5
5	256QAM	12	7	18.34	18.31	18.33	18.37	18.34		
5	256QAM	12	13	18.23	18.28	18.40	18.36	18.41		
5	256QAM	25	0	18.32	18.26	18.31	18.34	18.29		

GSM1900 Ant5 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	28.48	28.53	28.49	30.00	19.48	19.53	19.49	21.00
GPRS 1 Tx slot	28.41	28.40	28.38	30.00	19.41	19.40	19.38	21.00
GPRS 2 Tx slots	25.11	25.16	25.27	27.00	19.11	19.16	19.27	21.00
GPRS 3 Tx slots	23.22	23.27	23.30	25.00	18.96	19.01	19.04	20.74
GPRS 4 Tx slots	22.89	22.73	22.87	24.00	19.89	19.73	19.87	21.00
EDGE 1 Tx slot	24.08	24.26	24.12	26.00	15.08	15.26	15.12	17.00
EDGE 2 Tx slots	21.15	21.18	21.07	23.00	15.15	15.18	15.07	17.00
EDGE 3 Tx slots	19.11	19.19	19.27	21.00	14.85	14.93	15.01	16.74
EDGE 4 Tx slots	18.05	18.20	18.11	20.00	15.05	15.20	15.11	17.00

WCDMA II Ant5 Default

WCDMA IV Ant5 Default

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.44	23.53	23.41	24.50	23.42	23.51	23.46	24.50
3GPP Rel 99	RMC 12.2Kbps	23.56	23.61	23.50	24.50	23.51	23.60	23.57	24.50
3GPP Rel 6	HSDPA Subtest-1	22.26	22.54	22.44	23.50	22.43	22.54	22.30	23.50
3GPP Rel 6	HSDPA Subtest-2	22.35	22.56	22.39	23.50	22.46	22.56	22.35	23.50
3GPP Rel 6	HSDPA Subtest-3	21.93	21.99	21.97	23.00	22.03	21.98	21.85	23.00
3GPP Rel 6	HSDPA Subtest-4	21.87	22.02	21.93	23.00	22.00	22.08	21.89	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.34	22.61	22.50	23.50	22.44	22.57	22.23	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.44	22.54	22.35	23.50	22.40	22.55	22.45	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.86	21.99	21.81	23.00	21.89	22.02	21.77	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.83	22.09	22.00	23.00	22.08	22.00	21.86	23.00
3GPP Rel 6	HSUPA Subtest-1	22.22	22.48	22.53	23.50	22.51	22.49	22.29	23.50
3GPP Rel 6	HSUPA Subtest-2	20.31	20.50	20.43	21.50	20.41	20.42	20.37	21.50
3GPP Rel 6	HSUPA Subtest-3	21.30	21.59	21.36	22.50	21.37	21.61	21.36	22.50
3GPP Rel 6	HSUPA Subtest-4	20.29	20.61	20.50	21.50	20.53	20.55	20.31	21.50
3GPP Rel 6	HSUPA Subtest-5	22.36	22.50	22.37	23.50	22.29	22.52	22.36	23.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.74	20.01	19.90	21.00	19.89	19.90	19.74	21.00

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.94	24.02	23.92	25	0
20	QPSK	1	49	23.88	23.93	23.93		
20	QPSK	1	99	23.87	23.93	23.91		
20	QPSK	50	0	22.76	22.95	22.79	24	1
20	QPSK	50	24	22.83	22.82	22.88		
20	QPSK	50	50	22.72	22.82	22.81		
20	QPSK	100	0	22.72	22.91	22.75		
20	16QAM	1	0	23.00	23.12	23.04	24	1
20	16QAM	1	49	22.94	23.07	22.95		
20	16QAM	1	99	22.98	23.07	23.02		
20	16QAM	50	0	21.87	22.05	21.87	23	2
20	16QAM	50	24	21.90	21.96	21.90		
20	16QAM	50	50	21.89	21.98	21.89		
20	16QAM	100	0	21.90	21.99	21.87		
20	64QAM	1	0	21.94	22.08	22.05	23	2
20	64QAM	1	49	21.96	22.01	21.95		
20	64QAM	1	99	21.96	22.01	21.98		
20	64QAM	50	0	20.91	21.02	20.87	22	3
20	64QAM	50	24	20.79	20.91	20.94		
20	64QAM	50	50	20.84	20.88	20.90		
20	64QAM	100	0	20.82	20.95	20.84		
20	256QAM	1	0	18.88	18.97	18.88	20	5
20	256QAM	1	49	18.86	18.94	18.88		
20	256QAM	1	99	18.81	18.88	18.92		
20	256QAM	50	0	18.80	19.00	18.89	20	5
20	256QAM	50	24	18.85	18.86	18.88		
20	256QAM	50	50	18.76	18.90	18.86		
20	256QAM	100	0	18.82	18.92	18.91		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.90	23.95	23.83	25	0
15	QPSK	1	37	23.76	23.83	23.88		
15	QPSK	1	74	23.74	23.79	23.76		
15	QPSK	36	0	22.62	22.80	22.67	24	1
15	QPSK	36	20	22.72	22.74	22.73		
15	QPSK	36	39	22.65	22.74	22.69		
15	QPSK	75	0	22.59	22.82	22.68		
15	16QAM	1	0	22.85	23.02	23.01	24	1
15	16QAM	1	37	22.80	22.97	22.83		
15	16QAM	1	74	22.85	22.98	22.91		
15	16QAM	36	0	21.73	22.00	21.83	23	2
15	16QAM	36	20	21.77	21.82	21.83		
15	16QAM	36	39	21.82	21.89	21.84		
15	16QAM	75	0	21.83	21.94	21.78		
15	64QAM	1	0	21.89	22.02	21.93	23	2
15	64QAM	1	37	21.92	21.87	21.85		
15	64QAM	1	74	21.86	21.94	21.89		
15	64QAM	36	0	20.81	20.87	20.72	22	3
15	64QAM	36	20	20.72	20.76	20.90		
15	64QAM	36	39	20.78	20.84	20.81		
15	64QAM	75	0	20.77	20.81	20.77		
15	256QAM	1	0	18.83	18.93	18.79	20	5
15	256QAM	1	37	18.77	18.83	18.76		
15	256QAM	1	74	18.77	18.82	18.86		
15	256QAM	36	0	18.71	18.92	18.78	20	5
15	256QAM	36	20	18.76	18.77	18.74		
15	256QAM	36	39	18.64	18.87	18.80		
15	256QAM	75	0	18.70	18.82	18.88		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.87	23.93	23.79	25	0
10	QPSK	1	25	23.75	23.87	23.81		
10	QPSK	1	49	23.82	23.82	23.77		
10	QPSK	25	0	22.72	22.84	22.67	24	1
10	QPSK	25	12	22.74	22.67	22.78		
10	QPSK	25	25	22.63	22.79	22.73		
10	QPSK	50	0	22.66	22.78	22.61		
10	16QAM	1	0	22.85	22.99	22.94	24	1
10	16QAM	1	25	22.86	22.94	22.85		
10	16QAM	1	49	22.85	22.99	22.87		
10	16QAM	25	0	21.73	21.92	21.75	23	2
10	16QAM	25	12	21.84	21.91	21.86		
10	16QAM	25	25	21.76	21.85	21.84		
10	16QAM	50	0	21.76	21.84	21.73		
10	64QAM	1	0	21.89	21.98	21.94	23	2
10	64QAM	1	25	21.91	21.95	21.87		
10	64QAM	1	49	21.82	21.94	21.92		
10	64QAM	25	0	20.81	20.90	20.78	22	3
10	64QAM	25	12	20.76	20.77	20.88		
10	64QAM	25	25	20.80	20.83	20.75		
10	64QAM	50	0	20.78	20.81	20.72		
10	256QAM	1	0	18.83	18.86	18.78	20	5
10	256QAM	1	25	18.74	18.89	18.85		
10	256QAM	1	49	18.66	18.82	18.79		
10	256QAM	25	0	18.69	18.90	18.76	20	5
10	256QAM	25	12	18.80	18.73	18.73		
10	256QAM	25	25	18.74	18.83	18.76		
10	256QAM	50	0	18.69	18.78	18.88		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.83	23.90	23.81	25	0
5	QPSK	1	12	23.77	23.82	23.88		
5	QPSK	1	24	23.72	23.80	23.80		
5	QPSK	12	0	22.65	22.87	22.70	24	1
5	QPSK	12	7	22.71	22.75	22.81		
5	QPSK	12	13	22.59	22.75	22.75		
5	QPSK	25	0	22.65	22.77	22.65		
5	16QAM	1	0	22.97	23.06	22.94	24	1
5	16QAM	1	12	22.96	22.96	22.91		
5	16QAM	1	24	22.85	22.96	22.94		
5	16QAM	12	0	21.81	21.94	21.75	23	2
5	16QAM	12	7	21.78	21.84	21.81		
5	16QAM	12	13	21.84	21.96	21.84		
5	16QAM	25	0	21.81	21.92	21.83		
5	64QAM	1	0	21.89	21.95	21.92	23	2
5	64QAM	1	12	21.84	21.91	21.91		
5	64QAM	1	24	21.86	21.87	21.89		
5	64QAM	12	0	20.79	20.93	20.78	22	3
5	64QAM	12	7	20.68	20.83	20.88		
5	64QAM	12	13	20.80	20.75	20.79		
5	64QAM	25	0	20.78	20.87	20.77		
5	256QAM	1	0	18.78	18.88	18.80	20	5
5	256QAM	1	12	18.73	18.88	18.74		
5	256QAM	1	24	18.74	18.75	18.86		
5	256QAM	12	0	18.71	18.92	18.79	20	5
5	256QAM	12	7	18.82	18.75	18.81		
5	256QAM	12	13	18.68	18.84	18.78		
5	256QAM	25	0	18.76	18.80	18.83		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.84	23.89	23.85	25	0
3	QPSK	1	8	23.77	23.83	23.89		
3	QPSK	1	14	23.81	23.84	23.85		
3	QPSK	8	0	22.68	22.92	22.67	24	1
3	QPSK	8	4	22.73	22.70	22.83		
3	QPSK	8	7	22.65	22.78	22.73		
3	QPSK	15	0	22.69	22.84	22.67		
3	16QAM	1	0	22.95	23.04	22.91	24	1
3	16QAM	1	8	22.85	22.96	22.90		
3	16QAM	1	14	22.87	22.98	22.88		
3	16QAM	8	0	21.83	21.93	21.73	23	2
3	16QAM	8	4	21.79	21.83	21.78		
3	16QAM	8	7	21.75	21.86	21.77		
3	16QAM	15	0	21.84	21.91	21.72		
3	64QAM	1	0	21.84	22.00	22.00	23	2
3	64QAM	1	8	21.87	21.95	21.88		
3	64QAM	1	14	21.82	21.98	21.84		
3	64QAM	8	0	20.86	20.95	20.77	22	3
3	64QAM	8	4	20.76	20.86	20.85		
3	64QAM	8	7	20.75	20.81	20.81		
3	64QAM	15	0	20.78	20.80	20.77		
3	256QAM	1	0	18.84	18.92	18.77	20	5
3	256QAM	1	8	18.73	18.89	18.85		
3	256QAM	1	14	18.68	18.74	18.89		
3	256QAM	8	0	18.71	18.87	18.81	20	5
3	256QAM	8	4	18.70	18.78	18.82		
3	256QAM	8	7	18.63	18.76	18.74		
3	256QAM	15	0	18.67	18.77	18.83		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.80	23.89	23.87	25	0
1.4	QPSK	1	3	23.84	23.80	23.89		
1.4	QPSK	1	5	23.75	23.86	23.82		
1.4	QPSK	3	0	23.68	23.91	23.73		
1.4	QPSK	3	1	23.75	23.69	23.76		
1.4	QPSK	3	3	23.63	23.70	23.71		
1.4	QPSK	6	0	22.62	22.80	22.70	24	1
1.4	16QAM	1	0	22.86	22.99	22.96	24	1
1.4	16QAM	1	3	22.83	23.01	22.87		
1.4	16QAM	1	5	22.94	22.93	22.88		
1.4	16QAM	3	0	22.82	22.93	22.82		
1.4	16QAM	3	1	22.85	22.82	22.80		
1.4	16QAM	3	3	22.85	22.91	22.79		
1.4	16QAM	6	0	21.79	21.86	21.78	23	2
1.4	64QAM	1	0	21.82	22.01	21.99	23	2
1.4	64QAM	1	3	21.89	21.95	21.91		
1.4	64QAM	1	5	21.82	21.87	21.86		
1.4	64QAM	3	0	21.82	21.95	21.81		
1.4	64QAM	3	1	21.74	21.79	21.81		
1.4	64QAM	3	3	21.75	21.75	21.87		
1.4	64QAM	6	0	20.71	20.92	20.74	22	3
1.4	256QAM	1	0	18.83	18.90	18.83	20	5
1.4	256QAM	1	3	18.74	18.81	18.78		
1.4	256QAM	1	5	18.73	18.78	18.84		
1.4	256QAM	3	0	18.77	18.95	18.81		
1.4	256QAM	3	1	18.77	18.79	18.78		
1.4	256QAM	3	3	18.74	18.82	18.74		
1.4	256QAM	6	0	18.68	18.88	18.76	20	5

Band 7 Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.25	21.37	21.32	22	0
20	QPSK	1	49	21.18	21.29	21.25		
20	QPSK	1	99	21.13	21.25	21.10		
20	QPSK	50	0	21.29	21.33	21.27	22	0
20	QPSK	50	24	21.12	21.25	21.19		
20	QPSK	50	50	21.11	21.21	21.09		
20	QPSK	100	0	21.24	21.32	21.22		
20	16QAM	1	0	21.09	21.21	21.06	22	0
20	16QAM	1	49	21.30	21.33	21.18		
20	16QAM	1	99	21.11	21.24	21.20		
20	16QAM	50	0	21.10	21.21	21.13	22	0
20	16QAM	50	24	21.20	21.33	21.27		
20	16QAM	50	50	21.24	21.29	21.17		
20	16QAM	100	0	21.17	21.22	21.14		
20	64QAM	1	0	21.10	21.22	21.11	22	0
20	64QAM	1	49	21.24	21.30	21.18		
20	64QAM	1	99	21.17	21.28	21.21		
20	64QAM	50	0	20.41	20.59	20.51	21.5	0.5
20	64QAM	50	24	20.42	20.58	20.47		
20	64QAM	50	50	20.49	20.50	20.53		
20	64QAM	100	0	20.43	20.45	20.48		
20	256QAM	1	0	18.55	18.73	18.57	19.5	2.5
20	256QAM	1	49	18.52	18.71	18.66		
20	256QAM	1	99	18.64	18.59	18.66		
20	256QAM	50	0	18.56	18.77	18.60	19.5	2.5
20	256QAM	50	24	18.57	18.72	18.56		
20	256QAM	50	50	18.57	18.66	18.62		
20	256QAM	100	0	18.56	18.62	18.64		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.21	21.32	21.24	22	0
15	QPSK	1	37	21.09	21.23	21.18		
15	QPSK	1	74	21.04	21.15	20.99		
15	QPSK	36	0	21.24	21.29	21.21	22	0
15	QPSK	36	20	21.05	21.14	21.12		
15	QPSK	36	39	21.06	21.12	20.98		
15	QPSK	75	0	21.19	21.26	21.16		
15	16QAM	1	0	21.03	21.17	20.96	22	0
15	16QAM	1	37	21.25	21.23	21.13		
15	16QAM	1	74	21.07	21.17	21.16		
15	16QAM	36	0	21.02	21.16	21.10	22	0
15	16QAM	36	20	21.15	21.28	21.22		
15	16QAM	36	39	21.15	21.18	21.08		
15	16QAM	75	0	21.09	21.15	21.06		
15	64QAM	1	0	21.07	21.12	21.05	22	0
15	64QAM	1	37	21.20	21.21	21.08		
15	64QAM	1	74	21.13	21.22	21.10		
15	64QAM	36	0	20.34	20.55	20.45	21.5	0.5
15	64QAM	36	20	20.35	20.48	20.41		
15	64QAM	36	39	20.42	20.46	20.47		
15	64QAM	75	0	20.37	20.35	20.40		
15	256QAM	1	0	18.49	18.65	18.47	19.5	2.5
15	256QAM	1	37	18.46	18.64	18.57		
15	256QAM	1	74	18.61	18.50	18.57		
15	256QAM	36	0	18.48	18.68	18.49	19.5	2.5
15	256QAM	36	20	18.53	18.67	18.50		
15	256QAM	36	39	18.47	18.59	18.55		
15	256QAM	75	0	18.47	18.58	18.53		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.22	21.29	21.26	22	0
10	QPSK	1	25	21.12	21.19	21.19		
10	QPSK	1	49	21.08	21.13	21.03		
10	QPSK	25	0	21.22	21.24	21.19	22	0
10	QPSK	25	12	21.05	21.21	21.14		
10	QPSK	25	25	21.04	21.15	21.03		
10	QPSK	50	0	21.16	21.28	21.17		
10	16QAM	1	0	21.00	21.12	20.98	22	0
10	16QAM	1	25	21.23	21.30	21.14		
10	16QAM	1	49	21.07	21.21	21.10		
10	16QAM	25	0	21.01	21.11	21.07	22	0
10	16QAM	25	12	21.14	21.27	21.20		
10	16QAM	25	25	21.18	21.20	21.09		
10	16QAM	50	0	21.09	21.18	21.05		
10	64QAM	1	0	21.01	21.12	21.04	22	0
10	64QAM	1	25	21.15	21.23	21.13		
10	64QAM	1	49	21.07	21.20	21.18		
10	64QAM	25	0	20.33	20.56	20.45	21.5	0.5
10	64QAM	25	12	20.34	20.48	20.44		
10	64QAM	25	25	20.41	20.45	20.47		
10	64QAM	50	0	20.37	20.34	20.43		
10	256QAM	1	0	18.51	18.63	18.48	19.5	2.5
10	256QAM	1	25	18.44	18.61	18.62		
10	256QAM	1	49	18.54	18.52	18.59		
10	256QAM	25	0	18.52	18.67	18.52	19.5	2.5
10	256QAM	25	12	18.48	18.63	18.53		
10	256QAM	25	25	18.52	18.58	18.53		
10	256QAM	50	0	18.47	18.54	18.56		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.19	21.31	21.28	22	0
5	QPSK	1	12	21.13	21.19	21.14		
5	QPSK	1	24	21.05	21.13	21.04		
5	QPSK	12	0	21.26	21.24	21.21	22	0
5	QPSK	12	7	21.06	21.20	21.09		
5	QPSK	12	13	21.05	21.14	21.00		
5	QPSK	25	0	21.15	21.23	21.11		
5	16QAM	1	0	21.04	21.11	20.96	22	0
5	16QAM	1	12	21.25	21.23	21.13		
5	16QAM	1	24	21.05	21.16	21.16		
5	16QAM	12	0	21.02	21.14	21.04	22	0
5	16QAM	12	7	21.10	21.30	21.21		
5	16QAM	12	13	21.18	21.24	21.14		
5	16QAM	25	0	21.11	21.16	21.06		
5	64QAM	1	0	21.05	21.14	21.01	22	0
5	64QAM	1	12	21.18	21.23	21.12		
5	64QAM	1	24	21.08	21.24	21.18		
5	64QAM	12	0	20.32	20.49	20.43	21.5	0.5
5	64QAM	12	7	20.32	20.51	20.36		
5	64QAM	12	13	20.46	20.47	20.47		
5	64QAM	25	0	20.32	20.38	20.40		
5	256QAM	1	0	18.49	18.69	18.51	19.5	2.5
5	256QAM	1	12	18.45	18.66	18.55		
5	256QAM	1	24	18.55	18.48	18.55		
5	256QAM	12	0	18.51	18.71	18.51	19.5	2.5
5	256QAM	12	7	18.54	18.66	18.49		
5	256QAM	12	13	18.48	18.60	18.57		
5	256QAM	25	0	18.48	18.53	18.57		

Band 66 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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.99	24.05	23.96	25	0
20	QPSK	1	49	23.93	23.95	23.89		
20	QPSK	1	99	23.88	23.96	23.93		
20	QPSK	50	0	22.80	23.03	22.88	24	1
20	QPSK	50	24	22.86	22.95	22.92		
20	QPSK	50	50	22.84	22.90	22.85		
20	QPSK	100	0	22.78	23.00	22.91		
20	16QAM	1	0	22.88	22.95	23.01	24	1
20	16QAM	1	49	22.87	23.02	22.97		
20	16QAM	1	99	22.92	23.02	22.88		
20	16QAM	50	0	21.80	22.02	21.91	23	2
20	16QAM	50	24	21.86	21.93	21.84		
20	16QAM	50	50	21.82	21.90	21.87		
20	16QAM	100	0	21.82	21.96	21.87		
20	64QAM	1	0	21.99	22.01	22.03	23	2
20	64QAM	1	49	21.92	21.94	22.00		
20	64QAM	1	99	21.87	21.95	22.00		
20	64QAM	50	0	20.93	21.05	20.94	22	3
20	64QAM	50	24	20.87	20.93	20.95		
20	64QAM	50	50	20.92	20.99	20.88		
20	64QAM	100	0	20.84	21.01	20.97		
20	256QAM	1	0	18.71	18.90	18.80	20	5
20	256QAM	1	49	18.77	18.80	18.84		
20	256QAM	1	99	18.72	18.88	18.80		
20	256QAM	50	0	18.83	18.94	18.85	20	5
20	256QAM	50	24	18.76	18.84	18.78		
20	256QAM	50	50	18.79	18.86	18.86		
20	256QAM	100	0	18.73	18.81	18.81		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.89	23.95	23.84	25	0
15	QPSK	1	37	23.84	23.94	23.85		
15	QPSK	1	74	23.80	23.85	23.88		
15	QPSK	36	0	22.72	22.95	22.84	24	1
15	QPSK	36	20	22.77	22.84	22.79		
15	QPSK	36	39	22.79	22.80	22.76		
15	QPSK	75	0	22.68	22.95	22.84		
15	16QAM	1	0	22.75	22.86	22.90	24	1
15	16QAM	1	37	22.76	22.94	22.84		
15	16QAM	1	74	22.87	22.96	22.83		
15	16QAM	36	0	21.72	21.92	21.81	23	2
15	16QAM	36	20	21.73	21.89	21.76		
15	16QAM	36	39	21.77	21.77	21.83		
15	16QAM	75	0	21.75	21.92	21.75		
15	64QAM	1	0	21.84	21.94	21.95	23	2
15	64QAM	1	37	21.85	21.83	21.95		
15	64QAM	1	74	21.82	21.88	21.89		
15	64QAM	36	0	20.89	21.00	20.86	22	3
15	64QAM	36	20	20.77	20.82	20.83		
15	64QAM	36	39	20.88	20.91	20.75		
15	64QAM	75	0	20.78	20.88	20.83		
15	256QAM	1	0	18.57	18.86	18.70	20	5
15	256QAM	1	37	18.62	18.74	18.78		
15	256QAM	1	74	18.68	18.84	18.73		
15	256QAM	36	0	18.77	18.89	18.70	20	5
15	256QAM	36	20	18.68	18.70	18.73		
15	256QAM	36	39	18.71	18.76	18.81		
15	256QAM	75	0	18.63	18.71	18.69		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.86	23.92	23.88	25	0
10	QPSK	1	25	23.84	23.88	23.85		
10	QPSK	1	49	23.81	23.87	23.88		
10	QPSK	25	0	22.75	22.98	22.79	24	1
10	QPSK	25	12	22.81	22.88	22.83		
10	QPSK	25	25	22.78	22.83	22.78		
10	QPSK	50	0	22.75	22.92	22.85		
10	16QAM	1	0	22.85	22.83	22.87	24	1
10	16QAM	1	25	22.75	22.94	22.83		
10	16QAM	1	49	22.87	22.93	22.75		
10	16QAM	25	0	21.76	21.94	21.81	23	2
10	16QAM	25	12	21.80	21.89	21.75		
10	16QAM	25	25	21.71	21.76	21.80		
10	16QAM	50	0	21.73	21.81	21.81		
10	64QAM	1	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.77	23.82	23.73	24.5	0
20	QPSK	1	49	23.65	23.73	23.64		
20	QPSK	1	99	23.63	23.75	23.73		
20	QPSK	50	0	22.64	22.85	22.74	23.5	1
20	QPSK	50	24	22.67	22.71	22.77		
20	QPSK	50	50	22.63	22.71	22.71		
20	QPSK	100	0	22.63	22.81	22.72		
20	16QAM	1	0	22.77	22.78	22.81	23.5	1
20	16QAM	1	49	22.64	22.76	22.73		
20	16QAM	1	99	22.67	22.73	22.72		
20	16QAM	50	0	21.67	21.81	21.68	22.5	2
20	16QAM	50	24	21.62	21.68	21.72		
20	16QAM	50	50	21.61	21.76	21.74		
20	16QAM	100	0	21.60	21.70	21.67		
20	64QAM	1	0	21.78	21.79	21.76	22.5	2
20	64QAM	1	49	21.64	21.73	21.70		
20	64QAM	1	99	21.59	21.69	21.63		
20	64QAM	50	0	20.58	20.79	20.70	21.5	3
20	64QAM	50	24	20.60	20.67	20.65		
20	64QAM	50	50	20.66	20.67	20.62		
20	64QAM	100	0	20.60	20.67	20.67		
20	256QAM	1	0	18.62	18.77	18.74	19.5	5
20	256QAM	1	49	18.69	18.71	18.67		
20	256QAM	1	99	18.63	18.69	18.65		
20	256QAM	50	0	18.61	18.82	18.67	19.5	5
20	256QAM	50	24	18.69	18.71	18.70		
20	256QAM	50	50	18.60	18.78	18.64		
20	256QAM	100	0	18.64	18.74	18.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.70	23.75	23.66	24.5	0
15	QPSK	1	37	23.52	23.58	23.54		
15	QPSK	1	74	23.54	23.70	23.66		
15	QPSK	36	0	22.59	22.73	22.64	23.5	1
15	QPSK	36	20	22.62	22.58	22.69		
15	QPSK	36	39	22.57	22.56	22.59		
15	QPSK	75	0	22.50	22.76	22.69		
15	16QAM	1	0	22.64	22.75	22.73	23.5	1
15	16QAM	1	37	22.58	22.70	22.60		
15	16QAM	1	74	22.60	22.69	22.61		
15	16QAM	36	0	21.53	21.71	21.59	22.5	2
15	16QAM	36	20	21.51	21.54	21.68		
15	16QAM	36	39	21.50	21.69	21.70		
15	16QAM	75	0	21.55	21.62	21.57		
15	64QAM	1	0	21.64	21.76	21.68	22.5	2
15	64QAM	1	37	21.56	21.63	21.67		
15	64QAM	1	74	21.54	21.60	21.48		
15	64QAM	36	0	20.53	20.75	20.59	21.5	3
15	64QAM	36	20	20.49	20.60	20.52		
15	64QAM	36	39	20.53	20.54	20.48		
15	64QAM	75	0	20.55	20.56	20.62		
15	256QAM	1	0	18.49	18.71	18.63	19.5	5
15	256QAM	1	37	18.61	18.60	18.57		
15	256QAM	1	74	18.59	18.56	18.60		
15	256QAM	36	0	18.50	18.73	18.52	19.5	5
15	256QAM	36	20	18.57	18.63	18.59		
15	256QAM	36	39	18.47	18.72	18.53		
15	256QAM	75	0	18.49	18.62	18.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.62	23.67	23.63	24.5	0
10	QPSK	1	25	23.52	23.68	23.54		
10	QPSK	1	49	23.48	23.65	23.63		
10	QPSK	25	0	22.51	22.79	22.70	23.5	1
10	QPSK	25	12	22.64	22.63	22.72		
10	QPSK	25	25	22.51	22.65	22.62		
10	QPSK	50	0	22.49	22.73	22.59		
10	16QAM	1	0	22.62	22.73	22.76	23.5	1
10	16QAM	1	25	22.51	22.71	22.59		
10	16QAM	1	49	22.52	22.60	22.63		
10	16QAM	25	0	21.58	21.67	21.55	22.5	2
10	16QAM	25	12	21.48	21.59	21.57		
10	16QAM	25	25	21.53	21.65	21.63		
10	16QAM	50	0	21.55	21.60	21.56		
10	64QAM	1	0	21.74	21.69	21.66	22.5	2
10	64QAM	1	25	21.53	21.64	21.59		
10	64QAM	1	49	21.47	21.56	21.59		
10	64QAM	25	0	20.48	20.67	20.62	21.5	3
10	64QAM	25	12	20.56	20.59	20.58		
10	64QAM	25	25	20.61	20.58	20.51		
10	64QAM	50	0	20.49	20.59	20.56		
10	256QAM	1	0	18.53	18.68	18.69	19.5	5
10	256QAM	1	25	18.61	18.57	18.62		
10	256QAM	1	49	18.53	18.58	18.55		
10	256QAM	25	0	18.47	18.75	18.59	19.5	5
10	256QAM	25	12	18.63	18.65	18.61		
10	256QAM	25	25	18.47	18.64	18.59		
10	256QAM	50	0	18.58	18.69	18.59		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.66	23.69	23.61	24.5	0
5	QPSK	1	12	23.60	23.66	23.56		
5	QPSK	1	24	23.56	23.62	23.70		
5	QPSK	12	0	22.56	22.71	22.66	23.5	1
5	QPSK	12	7	22.54	22.65	22.71		
5	QPSK	12	13	22.52	22.62	22.59		
5	QPSK	25	0	22.57	22.69	22.60		
5	16QAM	1	0	22.65	22.74	22.72	23.5	1
5	16QAM	1	12	22.57	22.65	22.62		
5	16QAM	1	24	22.59	22.66	22.59		
5	16QAM	12	0	21.53	21.74	21.55	22.5	2
5	16QAM	12	7	21.47	21.62	21.66		
5	16QAM	12	13	21.57	21.70	21.66		
5	16QAM	25	0	21.48	21.61	21.59		
5	64QAM	1	0	21.68	21.75	21.61	22.5	2
5	64QAM	1	12	21.50	21.59	21.63		
5	64QAM	1	24	21.52	21.57	21.49		
5	64QAM	12	0	20.54	20.72	20.59	21.5	3
5	64QAM	12	7	20.53	20.53	20.58		
5	64QAM	12	13	20.61	20.55	20.56		
5	64QAM	25	0	20.54	20.54	20.63		
5	256QAM	1	0	18.52	18.66	18.66	19.5	5
5	256QAM	1	12	18.55	18.61	18.53		
5	256QAM	1	24	18.49	18.54	18.61		
5	256QAM	12	0	18.47	18.72	18.57	19.5	5
5	256QAM	12	7	18.57	18.58	18.56		
5	256QAM	12	13	18.54	18.65	18.58		
5	256QAM	25	0	18.58	18.64	18.55		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.65	23.73	23.89	23.85	23.83	24.5	0
20	QPSK	1	49	23.61	23.70	23.84	23.72	23.76		
20	QPSK	1	99	23.60	23.73	23.82	23.76	23.74		
20	QPSK	50	0	22.63	22.65	22.83	22.68	22.76	23.5	1
20	QPSK	50	24	22.50	22.63	22.73	22.74	22.62		
20	QPSK	50	50	22.48	22.66	22.69	22.66	22.65		
20	QPSK	100	0	22.54	22.62	22.79	22.66	22.74		
20	16QAM	1	0	22.61	22.77	22.86	22.78	22.82	23.5	1
20	16QAM	1	49	22.48	22.69	22.67	22.74	22.53		
20	16QAM	1	99	22.52	22.65	22.76	22.73	22.64		
20	16QAM	50	0	21.63	21.64	21.86	21.75	21.74	22.5	2
20	16QAM	50	24	21.59	21.73	21.75	21.68	21.65		
20	16QAM	50	50	21.58	21.71	21.82	21.78	21.75		
20	16QAM	100	0	21.57	21.70	21.73	21.77	21.68		
20	64QAM	1	0	21.58	21.68	21.74	21.77	21.69	22.5	2
20	64QAM	1	49	21.52	21.65	21.71	21.64	21.67		
20	64QAM	1	99	21.55	21.63	21.70	21.70	21.59		
20	64QAM	50	0	20.61	20.60	20.82	20.64	20.70	21.5	3
20	64QAM	50	24	20.56	20.68	20.79	20.69	20.76		
20	64QAM	50	50	20.61	20.59	20.75	20.67	20.61		
20	64QAM	100	0	20.51	20.60	20.74	20.65	20.62		
20	256QAM	1	0	18.56	18.72	18.78	18.71	18.71	19.5	5
20	256QAM	1	49	18.58	18.67	18.78	18.74	18.64		
20	256QAM	1	99	18.54	18.73	18.76	18.75	18.62		
20	256QAM	50	0	18.68	18.70	18.88	18.70	18.80	19.5	5
20	256QAM	50	24	18.52	18.72	18.75	18.75	18.70		
20	256QAM	50	50	18.61	18.70	18.85	18.71	18.77		
20	256QAM	100	0	18.60	18.67	18.82	18.73	18.71		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.61	23.63	23.83	23.76	23.72	24.50	0
15	QPSK	1	37	23.46	23.57	23.79	23.61	23.73		
15	QPSK	1	74	23.57	23.64	23.77	23.73	23.63		
15	QPSK	36	0	22.54	22.53	22.72	22.60	22.73	23.5	1
15	QPSK	36	20	22.35	22.58	22.63	22.68	22.54		
15	QPSK	36	39	22.42	22.57	22.65	22.60	22.56		
15	QPSK	75	0	22.41	22.55	22.69	22.62	22.71		
15	16QAM	1	0	22.49	22.73	22.73	22.65	22.73	23.5	1
15	16QAM	1	37	22.36	22.61	22.62	22.62	22.48		
15	16QAM	1	74	22.39	22.52	22.70	22.60	22.55		
15	16QAM	36	0	21.58	21.51	21.80	21.61	21.67	22.5	2
15	16QAM	36	20	21.52	21.66	21.61	21.55	21.51		
15	16QAM	36	39	21.48	21.63	21.74	21.67	21.70		
15	16QAM	75	0	21.54	21.58	21.68	21.68	21.54		
15	64QAM	1	0	21.51	21.65	21.70	21.70	21.54	22.5	2
15	64QAM	1	37	21.38	21.55	21.62	21.60	21.57		
15	64QAM	1	74	21.50	21.57	21.67	21.60	21.44		
15	64QAM	36	0	20.46	20.49	20.76	20.59	20.59	21.5	3
15	64QAM	36	20	20.44	20.56	20.68	20.57	20.64		
15	64QAM	36	39	20.47	20.55	20.70	20.52	20.46		
15	64QAM	75	0	20.41	20.46	20.70	20.55	20.50		
15	256QAM	1	0	18.45	18.61	18.65	18.57	18.62	19.5	5
15	256QAM	1	37	18.43	18.54	18.70	18.67	18.56		
15	256QAM	1	74	18.48	18.63	18.73	18.64	18.53		
15	256QAM	36	0	18.55	18.64	18.85	18.62	18.67	19.5	5
15	256QAM	36	20	18.42	18.57	18.63	18.61	18.57		
15	256QAM	36	39	18.54	18.57	18.78	18.57	18.65		
15	256QAM	75	0	18.50	18.63	18.75	18.66	18.60		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.59	23.62	23.77	23.80	23.71	24.50	0
10	QPSK	1	25	23.52	23.64	23.78	23.61	23.62		
10	QPSK	1	49	23.48	23.69	23.71	23.68	23.67		
10	QPSK	25	0	22.50	22.61	22.76	22.57	22.72	23.5	1
10	QPSK	25	12	22.46	22.59	22.66	22.59	22.56		
10	QPSK	25	25	22.39	22.51	22.56	22.53	22.53		
10	QPSK	50	0	22.44	22.50	22.70	22.59	22.63		
10	16QAM	1	0	22.50	22.66	22.79	22.65	22.77	23.5	1
10	16QAM	1	25	22.33	22.66	22.54	22.66	22.40		
10	16QAM	1	49	22.43	22.53	22.65	22.62	22.52		
10	16QAM	25	0	21.57	21.59	21.71	21.65	21.70	22.5	2
10	16QAM	25	12	21.51	21.69	21.64	21.62	21.61		
10	16QAM	25	25	21.52	21.66	21.74	21.66	21.61		
10	16QAM	50	0	21.44	21.66	21.69	21.62	21.65		
10	64QAM	1	0	21.54	21.60	21.71	21.71	21.59	22.5	2
10	64QAM	1	25	21.45	21.61	21.64	21.60	21.56		
10	64QAM	1	49	21.43	21.56	21.56	21.64	21.49		
10	64QAM	25	0	20.49	20.54	20.71	20.58	20.55	21.5	3
10	64QAM	25	12	20.44	20.54	20.73	20.62	20.63		
10	64QAM	25	25	20.52	20.53	20.69	20.55	20.55		
10	64QAM	50	0	20.46	20.48	20.63	20.52	20.50		
10	256QAM	1	0	18.41	18.66	18.66	18.61	18.63	19.5	5
10	256QAM	1	25	18.44	18.61	18.70	18.61	18.54		
10	256QAM	1	49	18.45	18.68	18.67	18.61	18.57		
10	256QAM	25	0	18.60	18.58	18.80	18.64	18.75	19.5	5
10	256QAM	25	12	18.47	18.66	18.61	18.68	18.64		
10	256QAM	25	25	18.51	18.64	18.79	18.65	18.63		
10	256QAM	50	0	18.52	18.52	18.74	18.60	18.62		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.60	23.64	23.83	23.73	23.73	24.50	0
5	QPSK	1	12	23.48	23.66	23.76	23.67	23.61		
5	QPSK	1	24	23.49	23.69	23.77	23.63	23.70		
5	QPSK	12	0	22.49	22.52	22.76	22.62	22.70	23.5	1
5	QPSK	12	7	22.42	22.54	22.69	22.66	22.56		
5	QPSK	12	13	22.40	22.54	22.65	22.54	22.61		
5	QPSK	25	0	22.39	22.50	22.73	22.58	22.68		
5	16QAM	1	0	22.54	22.74	22.71	22.71	22.75	23.5	1
5	16QAM	1	12	22.35	22.59	22.52	22.62	22.41		
5	16QAM	1	24	22.43	22.50	22.64	22.61	22.51		
5	16QAM	12	0	21.55	21.55	21.73	21.68	21.70	22.5	2
5	16QAM	12	7	21.51	21.65	21.65	21.63	21.60		
5	16QAM	12	13	21.46	21.62	21.76	21.64	21.62		
5	16QAM	25	0	21.47	21.59	21.63	21.68	21.60		
5	64QAM	1	0	21.47	21.62	21.70	21.63	21.63	22.5	2
5	64QAM	1	12	21.41	21.52	21.64	21.60	21.54		
5	64QAM	1	24	21.45	21.59	21.59	21.62	21.56		
5	64QAM	12	0	20.49	20.50	20.78	20.53	20.58	21.5	3
5	64QAM	12	7	20.47	20.63	20.69	20.64	20.70		
5	64QAM	12	13	20.48	20.51	20.61	20.58	20.46		
5	64QAM	25	0	20.42	20.52	20.66	20.52	20.47		
5	256QAM	1	0	18.42	18.67	18.73	18.60	18.64	19.5	5
5	256QAM	1	12	18.47	18.55	18.69	18.59	18.51		
5	256QAM	1	24	18.41	18.62	18.68	18.66	18.59		
5	256QAM	12	0	18.63	18.66	18.77	18.66	18.68	19.5	5
5	256QAM	12	7	18.44	18.64	18.61	18.61	18.63		
5	256QAM	12	13	18.47	18.65	18.81	18.59	18.70		
5	256QAM	25	0	18.54	18.60	18.70	18.61	18.62		

Band 42 FCC Part27Q Ant9 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.05	21.16	21.08	22.2	0
20	QPSK	1	49	20.97	21.11	21.04		
20	QPSK	1	99	21.00	21.08	20.95		
20	QPSK	50	0	21.05	21.12	21.00	22.2	0
20	QPSK	50	24	20.96	21.02	20.91		
20	QPSK	50	50	20.95	21.06	20.92		
20	QPSK	100	0	21.01	21.08	20.98		
20	16QAM	1	0	21.00	21.11	21.06	22.2	0
20	16QAM	1	49	20.93	21.02	20.89		
20	16QAM	1	99	20.97	21.08	20.96		
20	16QAM	50	0	21.00	21.13	21.03	22.2	0
20	16QAM	50	24	21.01	21.05	20.96		
20	16QAM	50	50	21.05	21.09	21.03		
20	16QAM	100	0	21.05	21.15	21.06		
20	64QAM	1	0	21.04	21.08	21.02	22.2	0
20	64QAM	1	49	21.00	21.13	21.04		
20	64QAM	1	99	20.96	21.05	20.92		
20	64QAM	50	0	21.06	21.11	21.02	22.2	0
20	64QAM	50	24	21.00	21.15	21.03		
20	64QAM	50	50	20.96	21.02	20.94		
20	64QAM	100	0	21.04	21.13	21.07		
20	256QAM	1	0	19.22	19.45	19.29	20.7	1.5
20	256QAM	1	49	19.21	19.44	19.29		
20	256QAM	1	99	19.32	19.34	19.34		
20	256QAM	50	0	19.31	19.49	19.31	20.7	1.5
20	256QAM	50	24	19.28	19.37	19.30		
20	256QAM	50	50	19.22	19.35	19.25		
20	256QAM	100	0	19.25	19.35	19.34		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.93	21.05	20.97	22.2	0
15	QPSK	1	37	20.92	21.03	20.90		
15	QPSK	1	74	20.94	21.03	20.82		
15	QPSK	36	0	20.96	21.07	20.95	22.2	0
15	QPSK	36	20	20.88	20.88	20.87		
15	QPSK	36	39	20.83	20.98	20.82		
15	QPSK	75	0	20.88	20.96	20.84		
15	16QAM	1	0	20.86	21.03	20.99	22.2	0
15	16QAM	1	37	20.85	20.91	20.80		
15	16QAM	1	74	20.84	21.04	20.84		
15	16QAM	36	0	20.91	21.02	20.94	22.2	0
15	16QAM	36	20	20.89	20.98	20.88		
15	16QAM	36	39	21.00	21.05	20.90		
15	16QAM	75	0	20.98	21.06	20.97		
15	64QAM	1	0	20.96	21.02	20.96	22.2	0
15	64QAM	1	37	20.89	21.00	20.94		
15	64QAM	1	74	20.86	20.91	20.80		
15	64QAM	36	0	20.92	21.06	20.87	22.2	0
15	64QAM	36	20	20.94	21.01	20.94		
15	64QAM	36	39	20.82	20.93	20.85		
15	64QAM	75	0	20.92	21.09	20.95		
15	256QAM	1	0	19.08	19.42	19.15	20.7	1.5
15	256QAM	1	37	19.13	19.31	19.19		
15	256QAM	1	74	19.18	19.21	19.24		
15	256QAM	36	0	19.19	19.34	19.17	20.7	1.5
15	256QAM	36	20	19.13	19.32	19.19		
15	256QAM	36	39	19.09	19.31	19.17		
15	256QAM	75	0	19.13	19.28	19.29		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.98	21.06	21.04	22.2	0
10	QPSK	1	25	20.92	21.05	21.01		
10	QPSK	1	49	20.93	21.03	20.87		
10	QPSK	25	0	20.98	20.98	20.94	22.2	0
10	QPSK	25	12	20.83	20.92	20.82		
10	QPSK	25	25	20.90	20.94	20.80		
10	QPSK	50	0	20.91	20.99	20.84		
10	16QAM	1	0	20.87	20.97	20.94	22.2	0
10	16QAM	1	25	20.81	20.95	20.85		
10	16QAM	1	49	20.84	21.02	20.87		
10	16QAM	25	0	20.90	20.98	20.90	22.2	0
10	16QAM	25	12	20.93	21.01	20.90		
10	16QAM	25	25	20.98	21.05	20.90		
10	16QAM	50	0	20.93	21.12	21.02		
10	64QAM	1	0	20.98	20.97	20.88	22.2	0
10	64QAM	1	25	20.86	21.05	20.96		
10	64QAM	1	49	20.91	21.02	20.87		
10	64QAM	25	0	21.00	20.96	20.94	22.2	0
10	64QAM	25	12	20.89	21.11	20.89		
10	64QAM	25	25	20.83	20.89	20.85		
10	64QAM	50	0	20.93	21.07	21.04		
10	256QAM	1	0	19.08	19.42	19.22	20.7	1.5
10	256QAM	1	25	19.07	19.40	19.16		
10	256QAM	1	49	19.19	19.24	19.19		
10	256QAM	25	0	19.26	19.37	19.17	20.7	1.5
10	256QAM	25	12	19.23	19.30	19.20		
10	256QAM	25	25	19.08	19.28	19.12		
10	256QAM	50	0	19.10	19.23	19.30		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.95	21.07	20.94	22.2	0
5	QPSK	1	12	20.86	20.97	20.97		
5	QPSK	1	24	20.97	21.03	20.86		
5	QPSK	12	0	20.98	21.07	20.88	22.2	0
5	QPSK	12	7	20.89	20.94	20.85		
5	QPSK	12	13	20.89	20.91	20.85		
5	QPSK	25	0	20.93	20.99	20.92		
5	16QAM	1	0	20.91	21.00	20.93	22.2	0
5	16QAM	1	12	20.79	20.88	20.79		
5	16QAM	1	24	20.90	21.03	20.87		
5	16QAM	12	0	20.96	21.09	21.00	22.2	0
5	16QAM	12	7	20.90	20.97	20.85		
5	16QAM	12	13	20.96	20.96	20.92		
5	16QAM	25	0	20.95	21.05	20.91		
5	64QAM	1	0	20.98	20.99	20.88	22.2	0
5	64QAM	1	12	20.94	21.00	20.97		
5	64QAM	1	24	20.89	20.91	20.88		
5	64QAM	12	0	21.02	20.96	20.97	22.2	0
5	64QAM	12	7	20.93	21.04	20.93		
5	64QAM	12	13	20.91	20.92	20.79		
5	64QAM	25	0	20.98	21.03	20.96		
5	256QAM	1	0	19.19	19.31	19.20	20.7	1.5
5	256QAM	1	12	19.07	19.35	19.18		
5	256QAM	1	24	19.21	19.22	19.28		
5	256QAM	12	0	19.19	19.37	19.27	20.7	1.5
5	256QAM	12	7	19.16	19.34	19.25		
5	256QAM	12	13	19.15	19.25	19.20		
5	256QAM	25	0	19.13	19.20	19.29		

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BW [MHz]	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	18.95	19.08	18.90		
20	QPSK	1	49	18.90	19.04	18.94	19.7	0
20	QPSK	1	99	18.82	18.95	18.81		
20	QPSK	50	0	18.92	19.05	18.85		
20	QPSK	50	24	18.97	19.01	18.97	19.7	0
20	QPSK	50	50	18.85	18.98	18.90		
20	QPSK	100	0	18.97	19.00	18.89		
20	16QAM	1	0	18.84	18.89	18.78		
20	16QAM	1	49	18.85	18.97	18.94	19.7	0
20	16QAM	1	99	18.87	18.93	18.87		
20	16QAM	50	0	18.98	19.02	18.95		
20	16QAM	50	24	18.86	18.99	18.94	19.7	0
20	16QAM	50	50	18.83	18.95	18.87		
20	16QAM	100	0	18.91	19.00	18.93		
20	64QAM	1	0	18.93	18.97	18.88		
20	64QAM	1	49	18.97	19.03	18.97	19.7	0
20	64QAM	1	99	18.79	18.90	18.75		
20	64QAM	50	0	18.84	18.95	18.82		
20	64QAM	50	24	18.86	18.99	18.92	19.7	0
20	64QAM	50	50	18.96	19.01	18.97		
20	64QAM	100	0	18.98	19.02	18.93		
20	256QAM	1	0	18.83	18.93	18.82		
20	256QAM	1	49	18.88	18.98	18.89	19.7	0
20	256QAM	1	99	18.81	18.89	18.86		
20	256QAM	50	0	18.97	19.01	18.94		
20	256QAM	50	24	18.85	18.90	18.79	19.7	0
20	256QAM	50	50	18.87	18.94	18.79		
20	256QAM	100	0	18.84	18.97	18.90		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.88	19.02	18.75		
15	QPSK	1	37	18.84	19.01	18.81	19.7	0
15	QPSK	1	74	18.68	18.83	18.68		
15	QPSK	36	0	18.87	18.94	18.73		
15	QPSK	36	20	18.89	18.87	18.93	19.7	0
15	QPSK	36	39	18.75	18.85	18.84		
15	QPSK	75	0	18.92	18.87	18.83		
15	16QAM	1	0	18.77	18.84	18.71		
15	16QAM	1	37	18.77	18.86	18.88	19.7	0
15	16QAM	1	74	18.81	18.84	18.80		
15	16QAM	36	0	18.85	18.94	18.86		
15	16QAM	36	20	18.78	18.85	18.83	19.7	0
15	16QAM	36	39	18.79	18.88	18.75		
15	16QAM	75	0	18.80	18.88	18.80		
15	64QAM	1	0	18.88	18.83	18.82		
15	64QAM	1	37	18.84	18.92	18.90	19.7	0
15	64QAM	1	74	18.69	18.85	18.63		
15	64QAM	36	0	18.76	18.92	18.75		
15	64QAM	36	20	18.77	18.92	18.79	19.7	0
15	64QAM	36	39	18.89	18.92	18.84		
15	64QAM	75	0	18.93	18.93	18.86		
15	256QAM	1	0	18.72	18.84	18.74		
15	256QAM	1	37	18.82	18.89	18.86	19.7	0
15	256QAM	1	74	18.73	18.82	18.74		
15	256QAM	36	0	18.88	18.93	18.91		
15	256QAM	36	20	18.70	18.84	18.66	19.7	0
15	256QAM	36	39	18.75	18.80	18.68		
15	256QAM	75	0	18.80	18.90	18.81		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.91	18.94	18.78		
10	QPSK	1	25	18.85	18.97	18.91	19.7	0
10	QPSK	1	49	18.69	18.87	18.67		
10	QPSK	25	0	18.89	19.02	18.75		
10	QPSK	25	12	18.89	18.93	18.84	19.7	0
10	QPSK	25	25	18.75	18.91	18.76		
10	QPSK	50	0	18.93	18.95	18.77		
10	16QAM	1	0	18.75	18.80	18.69		
10	16QAM	1	25	18.72	18.87	18.83	19.7	0
10	16QAM	1	49	18.82	18.79	18.82		
10	16QAM	25	0	18.88	18.92	18.92		
10	16QAM	25	12	18.72	18.86	18.87	19.7	0
10	16QAM	25	25	18.78	18.85	18.82		
10	16QAM	50	0	18.82	18.93	18.80		
10	64QAM	1	0	18.81	18.93	18.76		
10	64QAM	1	25	18.93	18.88	18.90	19.7	0
10	64QAM	1	49	18.70	18.85	18.69		
10	64QAM	25	0	18.72	18.86	18.68		
10	64QAM	25	12	18.72	18.95	18.84	19.7	0
10	64QAM	25	25	18.86	18.93	18.91		
10	64QAM	50	0	18.84	18.92	18.88		
10	256QAM	1	0	18.69	18.85	18.75		
10	256QAM	1	25	18.83	18.90	18.83	19.7	0
10	256QAM	1	49	18.71	18.77	18.81		
10	256QAM	25	0	18.82	18.96	18.86		
10	256QAM	25	12	18.82	18.77	18.69	19.7	0
10	256QAM	25	25	18.77	18.83	18.67		
10	256QAM	50	0	18.69	18.91	18.82		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.85	18.98	18.77		
5	QPSK	1	12	18.79	18.91	18.84	19.7	0
5	QPSK	1	24	18.67	18.86	18.72		
5	QPSK	12	0	18.86	18.91	18.71		
5	QPSK	12	7	18.90	18.90	18.82	19.7	0
5	QPSK	12	13	18.73	18.85	18.84		
5	QPSK	25	0	18.85	18.86	18.86		
5	16QAM	1	0	18.79	18.83	18.64		
5	16QAM	1	12	18.81	18.90	18.80	19.7	0
5	16QAM	1	24	18.79	18.85	18.80		
5	16QAM	12	0	18.86	18.97	18.85		
5	16QAM	12	7	18.81	18.86	18.90	19.7	0
5	16QAM	12	13	18.73	18.87	18.82		
5	16QAM	25	0	18.88	18.88	18.89		
5	64QAM	1	0	18.87	18.82	18.78		
5	64QAM	1	12	18.91	18.99	18.89	19.7	0
5	64QAM	1	24	18.65	18.85	18.60		
5	64QAM	12	0	18.70	18.80	18.68		
5	64QAM	12	7	18.73	18.93	18.85	19.7	0
5	64QAM	12	13	18.90	18.89	18.87		
5	64QAM	25	0	18.92	18.93	18.85		
5	256QAM	1	0	18.69	18.81	18.68		
5	256QAM	1	12	18.77	18.88	18.81	19.7	0
5	256QAM	1	24	18.68	18.80	18.75		
5	256QAM	12	0	18.90	18.92	18.81		
5	256QAM	12	7	18.76	18.87	18.73	19.7	0
5	256QAM	12	13	18.79	18.86	18.69		
5	256QAM	25	0	18.71	18.84	18.76		

Band 42 FCC Part27Q Ant11 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.90	22.07	21.97		
20	QPSK	1	49	21.90	21.99	21.86	22.7	0
20	QPSK	1	99	21.90	21.95	21.89		
20	QPSK	50	0	21.88	22.05	21.92		
20	QPSK	50	24	21.91	22.00	21.87	22.7	0
20	QPSK	50	50	21.86	21.97	21.87		
20	QPSK	100	0	21.83	22.01	21.93		
20	16QAM	1	0	21.76	21.90	21.75		
20	16QAM	1	49	21.83	21.97	21.92	22.7	0
20	16QAM	1	99	21.74	21.88	21.73		
20	16QAM	50	0	21.82	21.96	21.84		
20	16QAM	50	24	21.93	22.03	21.90	22.7	0
20	16QAM	50	50	21.88	21.95	21.86		
20	16QAM	100	0	21.93	22.01	21.92		
20	64QAM	1	0	21.92	22.02	21.89		
20	64QAM	1	49	21.85	21.94	21.89	22.7	0
20	64QAM	1	99	21.86	21.91	21.78		
20	64QAM	50	0	21.66	21.86	21.67		
20	64QAM	50	24	21.60	21.80	21.75	22.7	0
20	64QAM	50	50	21.73	21.83	21.65		
20	64QAM	100	0	21.67	21.77	21.73		
20	256QAM	1	0	19.62	19.81	19.73		
20	256QAM	1	49	19.63	19.69	19.61	20.7	2
20	256QAM	1	99	19.60	19.74	19.61		
20	256QAM	50	0	19.61	19.78	19.69		
20	256QAM	50	24	19.56	19.66	19.67	20.7	2
20	256QAM	50	50	19.64	19.76	19.75		
20	256QAM	100	0	19.63	19.77	19.73		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.77	22.02	21.91		
15	QPSK	1	37	21.78	21.86	21.71	22.7	0
15	QPSK	1	74	21.78	21.85	21.82		
15	QPSK	36	0	21.82	22.00	21.82		
15	QPSK	36	20	21.83	21.95	21.76	22.7	0
15	QPSK	36	39	21.73	21.91	21.75		
15	QPSK	75	0	21.73	21.96	21.81		
15	16QAM	1	0	21.65	21.86	21.71		
15	16QAM	1	37	21.71	21.88	21.80	22.7	0
15	16QAM	1	74	21.65	21.83	21.69		
15	16QAM	36	0	21.67	21.82	21.79		
15	16QAM	36	20	21.84	21.93	21.75	22.7	0
15	16QAM	36	39	21.80	21.89	21.81		
15	16QAM	75	0	21.78	21.94	21.78		
15	64QAM	1	0	21.79	21.92	21.79		
15	64QAM	1	37	21.73	21.83	21.79	22.7	0
15	64QAM	1	74	21.81	21.84	21.75		
15	64QAM	36	0	21.60	21.81	21.55		
15	64QAM	36	20	21.46	21.74	21.64	22.7	0
15	64QAM	36	39	21.64	21.79	21.57		
15	64QAM	75	0	21.53	21.65	21.64		
15	256QAM	1	0	19.49	19.70	19.69		
15	256QAM	1	37	19.60	19.62	19.51	20.7	2
15	256QAM	1	74	19.49	19.63	19.50		
15	256QAM	36	0	19.46	19.74	19.58		
15	256QAM	36	20	19.49	19.55	19.63	20.7	2
15	256QAM	36	39	19.50	19.67	19.69		
15	256QAM	75	0	19.50	19.69	19.68		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.81	21.99	21.92		
10	QPSK	1	25	21.84	21.88	21.72	22.7	0
10	QPSK	1	49	21.81	21.85	21.86		
10	QPSK	25	0	21.74	21.98	21.85		
10	QPSK	25	12	21.76	21.97	21.81	22.7	0
10	QPSK	25	25	21.78	21.87	21.76		
10	QPSK	50	0	21.77	21.90	21.81		
10	16QAM	1	0	21.68	21.81	21.66		
10	16QAM	1	25	21.72	21.87	21.80	22.7	0
10	16QAM	1	49	21.69	21.85	21.65		
10	16QAM	25	0	21.68	21.82	21.79		
10	16QAM	25	12	21.87	21.92	21.83	22.7	0
10	16QAM	25	25	21.80	21.90	21.75		
10	16QAM	50	0	21.85	21.86	21.78		
10	64QAM	1	0	21.83	21.95	21.85		
10	64QAM	1	25	21.78	21.82	21.78	22.7	0
10	64QAM	1	49	21.81	21.87	21.72		
10	64QAM	25	0	21.55	21.81	21.62		
10	64QAM	25	12	21.47	21.69	21.60	22.7	0
10	64QAM	25	25	21.59	21.76	21.62		
10	64QAM	50	0	21.61	21.63	21.66		
10	256QAM	1	0	19.47	19.72	19.66		
10	256QAM	1	25	19.57	19.63	19.53	20.7	2
10	256QAM	1	49	19.53	19.68	19.48		
10	256QAM	25	0	19.54	19.70	19.60		
10	256QAM	25	12	19.42	19.51	19.54	20.7	2
10	256QAM	25	25	19.53	19.63	19.60		
10	256QAM	50	0	19.54	19.68	19.69		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.79	22.01	21.83		
5	QPSK	1	12	21.78	21.86	21.78	22.7	0
5	QPSK	1	24	21.81	21.88	21.80		
5	QPSK	12	0	21.81	21.95	21.81		
5	QPSK	12	7	21.85	21.90	21.72	22.7	0
5	QPSK	12	13	21.73	21.90	21.83		
5	QPSK	25	0	21.71	21.88	21.87		
5	16QAM	1	0	21.65	21.76	21.61		
5	16QAM	1	12	21.74	21.86	21.79	22.7	0
5	16QAM	1	24	21.62	21.76	21.67		
5	16QAM	12	0	21.68	21.86	21.78		
5	16QAM	12	7	21.89	21.99	21.84	22.7	0
5	16QAM	12	13	21.82	21.89	21.74		
5	16QAM	25	0	21.85	21.92	21.87		
5	64QAM	1	0	21.77	21.97	21.80		
5	64QAM	1	12	21.73	21.80	21.76	22.7	0
5	64QAM	1	24	21.80	21.87	21.65		
5	64QAM	12	0	21.60	21.76	21.58		
5	64QAM	12	7	21.51	21.74	21.64	22.7	0
5	64QAM	12	13	21.60	21.70	21.52		
5	64QAM	25	0	21.63	21.71	21.62		
5	256QAM	1	0	19.56	19.68	19.67		
5	256QAM	1	12	19.55	19.64	19.49	20.7	2
5	256QAM	1	24	19.55	19.67	19.56		
5	256QAM	12	0	19.51	19.65	19.57		
5	256QAM	12	7	19.41	19.55	19.53	20.7	2
5	256QAM	12	13	19.57	19.72	19.65		
5	256QAM	25	0	19.52	19.74	19.61		

Reduced Power Mode for DSI 3_ENDC

Band 7 Ant5 DSI3 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.34	18.49	18.39	19	0
20	QPSK	1	49	18.26	18.34	18.34		
20	QPSK	1	99	18.22	18.34	18.21		
20	QPSK	50	0	18.40	18.41	18.38	19	0
20	QPSK	50	24	18.22	18.40	18.30		
20	QPSK	50	50	18.18	18.30	18.19		
20	QPSK	100	0	18.36	18.45	18.34		
20	16QAM	1	0	18.17	18.32	18.12	19	0
20	16QAM	1	49	18.35	18.47	18.31		
20	16QAM	1	99	18.17	18.37	18.34		
20	16QAM	50	0	18.19	18.36	18.19	19	0
20	16QAM	50	24	18.32	18.46	18.34		
20	16QAM	50	50	18.35	18.38	18.31		
20	16QAM	100	0	18.22	18.35	18.19		
20	64QAM	1	0	18.22	18.41	18.28	19	0
20	64QAM	1	49	18.16	18.21	18.23		
20	64QAM	1	99	18.17	18.19	18.14		
20	64QAM	50	0	18.28	18.28	18.26	19	0
20	64QAM	50	24	18.09	18.31	18.19		
20	64QAM	50	50	18.04	18.22	18.09		
20	64QAM	100	0	18.30	18.31	18.27		
20	256QAM	1	0	18.08	18.21	17.99	19	0
20	256QAM	1	49	18.21	18.34	18.25		
20	256QAM	1	99	18.10	18.28	18.25		
20	256QAM	50	0	18.12	18.29	18.07	19	0
20	256QAM	50	24	18.21	18.37	18.29		
20	256QAM	50	50	18.30	18.26	18.19		
20	256QAM	100	0	18.12	18.27	18.11		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.22	18.39	18.31	19	0
15	QPSK	1	37	18.20	18.22	18.27		
15	QPSK	1	74	18.16	18.23	18.11		
15	QPSK	36	0	18.30	18.31	18.27	19	0
15	QPSK	36	20	18.08	18.33	18.18		
15	QPSK	36	39	18.04	18.22	18.10		
15	QPSK	75	0	18.29	18.33	18.22		
15	16QAM	1	0	18.12	18.26	18.03	19	0
15	16QAM	1	37	18.27	18.39	18.21		
15	16QAM	1	74	18.07	18.25	18.27		
15	16QAM	36	0	18.12	18.30	18.13	19	0
15	16QAM	36	20	18.19	18.37	18.24		
15	16QAM	36	39	18.24	18.28	18.17		
15	16QAM	75	0	18.10	18.21	18.08		
15	64QAM	1	0	18.16	18.31	18.17	19	0
15	64QAM	1	37	18.06	18.07	18.08		
15	64QAM	1	74	18.06	18.13	18.01		
15	64QAM	36	0	18.17	18.14	18.21	19	0
15	64QAM	36	20	17.96	18.17	18.06		
15	64QAM	36	39	17.92	18.10	17.96		
15	64QAM	75	0	18.16	18.23	18.14		
15	256QAM	1	0	18.01	18.12	17.90	19	0
15	256QAM	1	37	18.13	18.22	18.15		
15	256QAM	1	74	17.97	18.23	18.13		
15	256QAM	36	0	18.00	18.15	17.99	19	0
15	256QAM	36	20	18.10	18.26	18.17		
15	256QAM	36	39	18.19	18.12	18.04		
15	256QAM	75	0	18.02	18.13	18.01		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.27	18.39	18.32	19	0
10	QPSK	1	25	18.19	18.19	18.26		
10	QPSK	1	49	18.13	18.19	18.12		
10	QPSK	25	0	18.28	18.30	18.27	19	0
10	QPSK	25	12	18.13	18.33	18.17		
10	QPSK	25	25	18.06	18.23	18.11		
10	QPSK	50	0	18.30	18.36	18.27		
10	16QAM	1	0	18.08	18.26	18.05	19	0
10	16QAM	1	25	18.23	18.38	18.23		
10	16QAM	1	49	18.12	18.25	18.20		
10	16QAM	25	0	18.08	18.23	18.13	19	0
10	16QAM	25	12	18.24	18.32	18.20		
10	16QAM	25	25	18.21	18.32	18.18		
10	16QAM	50	0	18.13	18.24	18.13		
10	64QAM	1	0	18.14	18.31	18.15	19	0
10	64QAM	1	25	18.06	18.06	18.16		
10	64QAM	1	49	18.08	18.13	18.00		
10	64QAM	25	0	18.23	18.15	18.21	19	0
10	64QAM	25	12	17.97	18.22	18.06		
10	64QAM	25	25	17.91	18.17	18.04		
10	64QAM	50	0	18.21	18.26	18.15		
10	256QAM	1	0	18.01	18.09	17.85	19	0
10	256QAM	1	25	18.13	18.20	18.15		
10	256QAM	1	49	18.01	18.19	18.19		
10	256QAM	25	0	17.98	18.18	18.01	19	0
10	256QAM	25	12	18.15	18.25	18.22		
10	256QAM	25	25	18.17	18.18	18.12		
10	256QAM	50	0	17.98	18.13	18.05		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.26	18.44	18.26	19	0
5	QPSK	1	12	18.20	18.25	18.27		
5	QPSK	1	24	18.08	18.24	18.07		
5	QPSK	12	0	18.35	18.36	18.25	19	0
5	QPSK	12	7	18.17	18.28	18.24		
5	QPSK	12	13	18.04	18.23	18.09		
5	QPSK	25	0	18.26	18.35	18.20		
5	16QAM	1	0	18.10	18.24	18.07	19	0
5	16QAM	1	12	18.21	18.34	18.17		
5	16QAM	1	24	18.04	18.26	18.24		
5	16QAM	12	0	18.04	18.27	18.13	19	0
5	16QAM	12	7	18.25	18.39	18.24		
5	16QAM	12	13	18.23	18.29	18.19		
5	16QAM	25	0	18.15	18.28	18.14		
5	64QAM	1	0	18.17	18.29	18.21	19	0
5	64QAM	1	12	18.06	18.14	18.15		
5	64QAM	1	24	18.06	18.05	18.05		
5	64QAM	12	0	18.19	18.18	18.13	19	0
5	64QAM	12	7	17.98	18.25	18.09		
5	64QAM	12	13	17.95	18.16	18.02		
5	64QAM	25	0	18.17	18.18	18.14		
5	256QAM	1	0	17.98	18.08	17.93	19	0
5	256QAM	1	12	18.14	18.24	18.10		
5	256QAM	1	24	17.98	18.14	18.13		
5	256QAM	12	0	18.02	18.23	17.98	19	0
5	256QAM	12	7	18.09	18.24	18.20		
5	256QAM	12	13	18.18	18.13	18.11		
5	256QAM	25	0	18.07	18.20	17.97		

Band 38 Ant5 DSI3 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.88	20.95	20.84	21.5	0
20	QPSK	1	49	20.80	20.84	20.73		
20	QPSK	1	99	20.69	20.82	20.85		
20	QPSK	50	0	20.76	20.83	20.71	21.5	0
20	QPSK	50	24	20.69	20.73	20.61		
20	QPSK	50	50	20.56	20.67	20.77		
20	QPSK	100	0	20.80	20.87	20.76		
20	16QAM	1	0	20.82	20.88	20.71	21.5	0
20	16QAM	1	49	20.73	20.75	20.67		
20	16QAM	1	99	20.60	20.70	20.76		
20	16QAM	50	0	20.61	20.72	20.58	21.5	0
20	16QAM	50	24	20.55	20.59	20.47		
20	16QAM	50	50	20.49	20.60	20.71		
20	16QAM	100	0	20.70	20.81	20.65		
20	64QAM	1	0	20.81	20.89	20.75	21.5	0
20	64QAM	1	49	20.69	20.70	20.58		
20	64QAM	1	99	20.64	20.72	20.76		
20	64QAM	50	0	20.62	20.71	20.58	21.5	0
20	64QAM	50	24	20.54	20.61	20.51		
20	64QAM	50	50	20.43	20.59	20.71		
20	64QAM	100	0	20.71	20.82	20.64		
20	256QAM	1	0	18.62	18.77	18.74	19.5	2
20	256QAM	1	49	18.69	18.71	18.67		
20	256QAM	1	99	18.63	18.69	18.65		
20	256QAM	50	0	18.61	18.82	18.67	19.5	2
20	256QAM	50	24	18.69	18.71	18.70		
20	256QAM	50	50	18.60	18.78	18.64		
20	256QAM	100	0	18.64	18.74	18.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.79	20.84	20.72	21.5	0
15	QPSK	1	37	20.70	20.70	20.65		
15	QPSK	1	74	20.57	20.68	20.73		
15	QPSK	36	0	20.62	20.71	20.59	21.5	0
15	QPSK	36	20	20.60	20.59	20.50		
15	QPSK	36	39	20.49	20.58	20.66		
15	QPSK	75	0	20.75	20.80	20.67		
15	16QAM	1	0	20.72	20.74	20.57	21.5	0
15	16QAM	1	37	20.61	20.65	20.56		
15	16QAM	1	74	20.53	20.57	20.68		
15	16QAM	36	0	20.51	20.58	20.44	21.5	0
15	16QAM	36	20	20.49	20.46	20.34		
15	16QAM	36	39	20.42	20.49	20.63		
15	16QAM	75	0	20.60	20.66	20.54		
15	64QAM	1	0	20.73	20.75	20.68	21.5	0
15	64QAM	1	37	20.61	20.63	20.45		
15	64QAM	1	74	20.53	20.62	20.62		
15	64QAM	36	0	20.50	20.57	20.46	21.5	0
15	64QAM	36	20	20.45	20.47	20.41		
15	64QAM	36	39	20.34	20.51	20.56		
15	64QAM	75	0	20.63	20.72	20.57		
15	256QAM	1	0	18.49	18.71	18.63	19.5	2
15	256QAM	1	37	18.61	18.60	18.57		
15	256QAM	1	74	18.59	18.56	18.60		
15	256QAM	36	0	18.50	18.73	18.52	19.5	2
15	256QAM	36	20	18.57	18.63	18.59		
15	256QAM	36	39	18.47	18.72	18.53		
15	256QAM	75	0	18.49	18.62	18.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.73	20.80	20.74	21.5	0
10	QPSK	1	25	20.69	20.74	20.66		
10	QPSK	1	49	20.57	20.69	20.76		
10	QPSK	25	0	20.66	20.71	20.63	21.5	0
10	QPSK	25	12	20.56	20.60	20.54		
10	QPSK	25	25	20.48	20.58	20.70		
10	QPSK	50	0	20.73	20.73	20.70		
10	16QAM	1	0	20.76	20.77	20.63	21.5	0
10	16QAM	1	25	20.65	20.63	20.54		
10	16QAM	1	49	20.46	20.58	20.62		
10	16QAM	25	0	20.52	20.64	20.43	21.5	0
10	16QAM	25	12	20.50	20.46	20.36		
10	16QAM	25	25	20.43	20.53	20.58		
10	16QAM	50	0	20.64	20.73	20.53		
10	64QAM	1	0	20.73	20.79	20.63	21.5	0
10	64QAM	1	25	20.63	20.61	20.51		
10	64QAM	1	49	20.59	20.57	20.69		
10	64QAM	25	0	20.50	20.62	20.50	21.5	0
10	64QAM	25	12	20.44	20.48	20.44		
10	64QAM	25	25	20.34	20.48	20.57		
10	64QAM	50	0	20.66	20.72	20.52		
10	256QAM	1	0	18.53	18.68	18.69	19.5	2
10	256QAM	1	25	18.61	18.57	18.62		
10	256QAM	1	49	18.53	18.58	18.55		
10	256QAM	25	0	18.47	18.75	18.59	19.5	2
10	256QAM	25	12	18.63	18.65	18.61		
10	256QAM	25	25	18.47	18.64	18.59		
10	256QAM	50	0	18.58	18.69	18.59		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.75	20.85	20.71	21.5	0
5	QPSK	1	12	20.71	20.73	20.61		
5	QPSK	1	24	20.55	20.74	20.76		
5	QPSK	12	0	20.64	20.73	20.58	21.5	0
5	QPSK	12	7	20.61	20.65	20.51		
5	QPSK	12	13	20.45	20.57	20.72		
5	QPSK	25	0	20.73	20.78	20.67		
5	16QAM	1	0	20.75	20.83	20.62	21.5	0
5	16QAM	1	12	20.61	20.64	20.56		
5	16QAM	1	24	20.52	20.55	20.70		
5	16QAM	12	0	20.56	20.66	20.48	21.5	0
5	16QAM	12	7	20.46	20.46	20.42		
5	16QAM	12	13	20.37	20.49	20.56		
5	16QAM	25	0	20.64	20.71	20.55		
5	64QAM	1	0	20.70	20.78	20.65	21.5	0
5	64QAM	1	12	20.60	20.60	20.48		
5	64QAM	1	24	20.57	20.62	20.67		
5	64QAM	12	0	20.55	20.63	20.52	21.5	0
5	64QAM	12	7	20.48	20.52	20.37		
5	64QAM	12	13	20.31	20.48	20.65		
5	64QAM	25	0	20.59	20.76	20.52		
5	256QAM	1	0	18.52	18.66	18.66	19.5	2
5	256QAM	1	12	18.55	18.61	18.53		
5	256QAM	1	24	18.49	18.54	18.61		
5	256QAM	12	0	18.47	18.72	18.57	19.5	2
5	256QAM	12	7	18.57	18.58	18.56		
5	256QAM	12	13	18.54	18.65	18.58		
5	256QAM	25	0	18.58	18.64	18.55		

Reduced Power Mode for DSI 4

GSM850 Ant0 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	32.41	32.52	32.47	33.50	23.41	23.52	23.47	24.50
GPRS 1 Tx slot	32.33	32.49	32.44	33.50	23.33	23.49	23.44	24.50
GPRS 2 Tx slots	29.28	29.37	29.41	30.50	23.28	23.37	23.41	24.50
GPRS 3 Tx slots	27.47	27.51	27.58	28.50	23.21	23.25	23.32	24.24
GPRS 4 Tx slots	26.41	26.08	26.35	27.50	23.41	23.08	23.35	24.50
EDGE 1 Tx slot	26.25	26.09	26.30	27.50	17.25	17.09	17.30	18.50
EDGE 2 Tx slots	23.32	23.22	23.34	24.50	17.32	17.22	17.34	18.50
EDGE 3 Tx slots	21.62	21.56	21.45	22.50	17.36	17.30	17.19	18.24
EDGE 4 Tx slots	20.77	20.53	20.65	21.50	17.77	17.53	17.65	18.50

WCDMA V Ant0 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	24.78	24.86	24.75	25.50
3GPP Rel 99	RMC 12.2Kbps	24.90	24.93	24.88	25.50
3GPP Rel 6	HSDPA Subtest-1	23.69	24.01	23.90	24.50
3GPP Rel 6	HSDPA Subtest-2	23.81	23.93	23.86	24.50
3GPP Rel 6	HSDPA Subtest-3	23.20	23.50	23.34	24.00
3GPP Rel 6	HSDPA Subtest-4	23.29	23.50	23.33	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.76	23.98	23.92	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.81	23.92	23.76	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	23.22	23.43	23.37	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	23.30	23.45	23.41	24.00
3GPP Rel 6	HSUPA Subtest-1	23.76	23.89	23.90	24.50
3GPP Rel 6	HSUPA Subtest-2	21.72	21.91	21.88	22.50
3GPP Rel 6	HSUPA Subtest-3	22.73	23.01	22.83	23.50
3GPP Rel 6	HSUPA Subtest-4	21.73	21.93	21.88	22.50
3GPP Rel 6	HSUPA Subtest-5	23.76	23.89	23.68	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.20	21.34	21.25	22.00

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.82	23.00	22.97		
20	QPSK	1	49	22.87	22.96	22.82	24	0
20	QPSK	1	99	22.78	22.86	22.82		
20	QPSK	50	0	21.97	22.05	21.91		
20	QPSK	50	24	21.90	21.94	21.86	23	1
20	QPSK	50	50	21.79	21.90	21.83		
20	QPSK	100	0	21.92	21.97	21.92		
20	16QAM	1	0	21.88	22.02	21.93		
20	16QAM	1	49	21.90	21.93	21.80	23	1
20	16QAM	1	99	21.84	21.88	21.77		
20	16QAM	50	0	20.72	20.86	20.78		
20	16QAM	50	24	20.77	20.83	20.70	22	2
20	16QAM	50	50	20.87	20.91	20.86		
20	16QAM	100	0	20.84	20.94	20.85		
20	64QAM	1	0	20.91	20.98	20.89		
20	64QAM	1	49	20.86	20.90	20.86	22	2
20	64QAM	1	99	20.76	20.88	20.83		
20	64QAM	50	0	19.83	19.96	19.90		
20	64QAM	50	24	19.85	19.89	19.83	21	3
20	64QAM	50	50	19.71	19.85	19.79		
20	64QAM	100	0	19.88	19.91	19.80		
20	256QAM	1	0	17.81	17.94	17.88		
20	256QAM	1	49	17.86	17.89	17.84	19	5
20	256QAM	1	99	17.81	17.88	17.73		
20	256QAM	50	0	17.84	17.93	17.83		
20	256QAM	50	24	17.76	17.88	17.78	19	5
20	256QAM	50	50	17.81	17.90	17.82		
20	256QAM	100	0	17.78	17.92	17.73		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.83	22.98	22.78		
15	QPSK	1	37	22.74	22.84	22.71	24	0
15	QPSK	1	74	22.64	22.74	22.73		
15	QPSK	36	0	21.91	21.91	21.85		
15	QPSK	36	20	21.84	21.86	21.74	23	1
15	QPSK	36	39	21.69	21.75	21.77		
15	QPSK	75	0	21.81	21.92	21.81		
15	16QAM	1	0	21.74	21.87	21.82		
15	16QAM	1	37	21.81	21.88	21.67	23	1
15	16QAM	1	74	21.75	21.83	21.65		
15	16QAM	36	0	20.66	20.75	20.71		
15	16QAM	36	20	20.72	20.71	20.57	22	2
15	16QAM	36	39	20.72	20.82	20.77		
15	16QAM	75	0	20.73	20.67	20.77		
15	64QAM	1	0	20.77	20.84	20.77		
15	64QAM	1	37	20.71	20.76	20.79	22	2
15	64QAM	1	74	20.61	20.83	20.75		
15	64QAM	36	0	19.71	19.89	19.76		
15	64QAM	36	20	19.78	19.82	19.79	21	3
15	64QAM	36	39	19.59	19.75	19.66		
15	64QAM	75	0	19.82	19.82	19.74		
15	256QAM	1	0	17.71	17.88	17.78		
15	256QAM	1	37	17.77	17.78	17.72	19	5
15	256QAM	1	74	17.78	17.75	17.65		
15	256QAM	36	0	17.73	17.86	17.78		
15	256QAM	36	20	17.67	17.77	17.74	19	5
15	256QAM	36	39	17.75	17.75	17.70		
15	256QAM	75	0	17.66	17.85	17.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.83	22.89	22.77		
10	QPSK	1	25	22.79	22.88	22.72	24	0
10	QPSK	1	49	22.67	22.77	22.77		
10	QPSK	25	0	21.91	21.96	21.81		
10	QPSK	25	12	21.78	21.79	21.72	23	1
10	QPSK	25	25	21.71	21.77	21.72		
10	QPSK	50	0	21.87	21.86	21.88		
10	16QAM	1	0	21.84	21.89	21.85		
10	16QAM	1	25	21.80	21.81	21.74	23	1
10	16QAM	1	49	21.72	21.83	21.71		
10	16QAM	25	0	20.61	20.82	20.65		
10	16QAM	25	12	20.66	20.79	20.57	22	2
10	16QAM	25	25	20.74	20.79	20.72		
10	16QAM	50	0	20.75	20.82	20.80		
10	64QAM	1	0	20.87	20.83	20.85		
10	64QAM	1	25	20.83	20.82	20.79	22	2
10	64QAM	1	49	20.71	20.75	20.68		
10	64QAM	25	0	19.77	19.83	19.86		
10	64QAM	25	12	19.72	19.78	19.70	21	3
10	64QAM	25	25	19.61	19.79	19.75		
10	64QAM	50	0	19.78	19.87	19.70		
10	256QAM	1	0	17.75	17.81	17.79		
10	256QAM	1	25	17.78	17.75	17.74	19	5
10	256QAM	1	49	17.75	17.73	17.60		
10	256QAM	25	0	17.70	17.84	17.77		
10	256QAM	25	12	17.74	17.74	17.73	19	5
10	256QAM	25	25	17.72	17.83	17.68		
10	256QAM	50	0	17.69	17.86	17.68		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.81	22.92	22.80		
5	QPSK	1	12	22.74	22.89	22.77	24	0
5	QPSK	1	24	22.72	22.77	22.73		
5	QPSK	12	0	21.83	21.91	21.84		
5	QPSK	12	7	21.84	21.91	21.77	23	1
5	QPSK	12	13	21.69	21.87	21.71		
5	QPSK	25	0	21.78	21.94	21.78		
5	16QAM	1	0	21.81	21.92	21.82		
5	16QAM	1	12	21.88	21.85	21.65	23	1
5	16QAM	1	24	21.79	21.85	21.74		
5	16QAM	12	0	20.60	20.82	20.72		
5	16QAM	12	7	20.63	20.72	20.64	22	2
5	16QAM	12	13	20.79	20.73	20.77		
5	16QAM	25	0	20.75	20.87	20.82		
5	64QAM	1	0	20.81	20.89	20.76		
5	64QAM	1	12	20.73	20.83	20.74	22	2
5	64QAM	1	24	20.65	20.76	20.71		
5	64QAM	12	0	19.70	19.90	19.84		
5	64QAM	12	7	19.70	19.79	19.73	21	3
5	64QAM	12	13	19.66	19.79	19.68		
5	64QAM	25	0	19.79	19.86	19.74		
5	256QAM	1	0	17.66	17.88	17.81		
5	256QAM	1	12	17.83	17.79	17.80	19	5
5	256QAM	1	24	17.69	17.78	17.65		
5	256QAM	12	0	17.71	17.87	17.69		
5	256QAM	12	7	17.67	17.84	17.73	19	5
5	256QAM	12	13	17.69	17.76	17.71		
5	256QAM	25	0	17.68	17.82	17.68		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.79	22.91	22.76		
3	QPSK	1	8	22.80	22.85	22.72	24	0
3	QPSK	1	14	22.67	22.85	22.74		
3	QPSK	8	0	21.93	21.92	21.80		
3	QPSK	8	4	21.83	21.82	21.78	23	1
3	QPSK	8	7	21.67	21.87	21.80		
3	QPSK	15	0	21.86	21.94	21.84		
3	16QAM	1	0	21.77	21.98	21.81		
3	16QAM	1	8	21.80	21.87	21.67	23	1
3	16QAM	1	14	21.72	21.83	21.70		
3	16QAM	8	0	20.58	20.80	20.71		
3	16QAM	8	4	20.66	20.77	20.57	22	2
3	16QAM	8	7	20.76	20.85	20.71		
3	16QAM	15	0	20.78	20.86	20.75		
3	64QAM	1	0	20.79	20.92	20.81		
3	64QAM	1	8	20.74	20.79	20.81	22	2
3	64QAM	1	14	20.62	20.79	20.76		
3	64QAM	8	0	19.68	19.84	19.79		
3	64QAM	8	4	19.71	19.76	19.79	21	3
3	64QAM	8	7	19.67	19.74	19.76		
3	64QAM	15	0	19.77	19.82	19.70		
3	256QAM	1	0	17.71	17.85	17.82		
3	256QAM	1	8	17.79	17.83	17.75	19	5
3	256QAM	1	14	17.67	17.77	17.67		
3	256QAM	8	0	17.74	17.88	17.76		
3	256QAM	8	4	17.70	17.84	17.72	19	5
3	256QAM	8	7	17.67	17.87	17.68		
3	256QAM	15	0	17.65	17.83	17.69		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.86	22.91	22.73		
1.4	QPSK	1	3	22.76	22.92	22.77		
1.4	QPSK	1	5	22.65	22.82	22.67	24	0
1.4	QPSK	3	0	22.87	22.90	22.83		
1.4	QPSK	3	1	22.76	22.86	22.74		
1.4	QPSK	3	3	22.64	22.82	22.69		
1.4	QPSK	6	0	21.79	21.87	21.88	23	1
1.4	16QAM	1	0	21.77	21.96	21.79		
1.4	16QAM	1	3	21.85	21.87	21.68		
1.4	16QAM	1	5	21.71	21.76	21.67	23	1
1.4	16QAM	3	0	21.67	21.82	21.74		
1.4	16QAM	3	1	21.73	21.80	21.60		
1.4	16QAM	3	3	21.76	21.86	21.77		
1.4	16QAM	6	0	20.76	20.88	20.81	22	2
1.4	64QAM	1	0	20.77	20.85	20.74		
1.4	64QAM	1	3	20.83	20.84	20.82		
1.4	64QAM	1	5	20.67	20.83	20.71	22	2
1.4	64QAM	3	0	20.70	20.91	20.80		
1.4	64QAM	3	1	20.77	20.76	20.68		
1.4	64QAM	3	3	20.62	20.78	20.66		
1.4	64QAM	6	0	19.84	19.85	19.70	21	3
1.4	256QAM	1	0	17.69	17.81	17.79		
1.4	256QAM	1	3	17.75	17.82	17.79		
1.4	256QAM	1	5	17.66	17.82	17.58	19	5
1.4	256QAM	3	0	17.74	17.82	17.78		
1.4	256QAM	3	1	17.68	17.79	17.69		
1.4	256QAM	3	3	17.74	17.82	17.67		
1.4	256QAM	6	0	17.66	17.85	17.68	19	5

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	24.47	24.55	24.52		
10	QPSK	1	25	24.38	24.41	24.46	25.5	0
10	QPSK	1	49	24.40	24.42	24.40		
10	QPSK	25	0	23.30	23.53	23.44		
10	QPSK	25	12	23.41	23.43	23.41	24.5	1
10	QPSK	25	25	23.37	23.46	23.41		
10	QPSK	50	0	23.29	23.45	23.39		
10	16QAM	1	0	23.43	23.51	23.53		
10	16QAM	1	25	23.34	23.35	23.36	24.5	1
10	16QAM	1	49	23.30	23.40	23.32		
10	16QAM	25	0	22.29	22.51	22.44		
10	16QAM	25	12	22.31	22.38	22.37	23.5	2
10	16QAM	25	25	22.33	22.43	22.39		
10	16QAM	50	0	22.32	22.38	22.39		
10	64QAM	1	0	22.48	22.50	22.46		
10	64QAM	1	25	22.28	22.35	22.38	23.5	2
10	64QAM	1	49	22.27	22.37	22.36		
10	64QAM	25	0	21.29	21.47	21.34		
10	64QAM	25	12	21.26	21.38	21.39	22.5	3
10	64QAM	25	25	21.34	21.32	21.36		
10	64QAM	50	0	21.30	21.38	21.33		
10	256QAM	1	0	19.34	19.40	19.37		
10	256QAM	1	25	19.30	19.43	19.33	20.5	5
10	256QAM	1	49	19.30	19.44	19.31		
10	256QAM	25	0	19.29	19.48	19.30		
10	256QAM	25	12	19.26	19.40	19.36	20.5	5
10	256QAM	25	25	19.27	19.40	19.35		
10	256QAM	50	0	19.31	19.42	19.35		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.41	24.50	24.47		
5	QPSK	1	12	24.29	24.37	24.42	25.5	0
5	QPSK	1	24	24.25	24.34	24.33		
5	QPSK	12	0	23.15	23.41	23.41		
5	QPSK	12	7	23.37	23.33	23.30	24.5	1
5	QPSK	12	13	23.30	23.39	23.34		
5	QPSK	25	0	23.17	23.41	23.35		
5	16QAM	1	0	23.29	23.45	23.40		
5	16QAM	1	12	23.23	23.27	23.24	24.5	1
5	16QAM	1	24	23.26	23.26	23.21		
5	16QAM	12	0	22.20	22.41	22.30		
5	16QAM	12	7	22.25	22.27	22.31	23.5	2
5	16QAM	12	13	22.20	22.33	22.29		
5	16QAM	25	0	22.27	22.27	22.36		
5	64QAM	1	0	22.43	22.39	22.40		
5	64QAM	1	12	22.19	22.29	22.34	23.5	2
5	64QAM	1	24	22.16	22.25	22.31		
5	64QAM	12	0	21.16	21.34	21.25		
5	64QAM	12	7	21.12	21.32	21.26	22.5	3
5	64QAM	12	13	21.20	21.24	21.23		
5	64QAM	25	0	21.21	21.31	21.28		
5	256QAM	1	0	19.29	19.28	19.23		
5	256QAM	1	12	19.16	19.39	19.20	20.5	5
5	256QAM	1	24	19.25	19.33	19.20		
5	256QAM	12	0	19.19	19.39	19.15		
5	256QAM	12	7	19.13	19.28	19.29	20.5	5
5	256QAM	12	13	19.14	19.27	19.23		
5	256QAM	25	0	19.28	19.29	19.21		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.33	24.41	24.47		
3	QPSK	1	8	24.31	24.34	24.41	25.5	0
3	QPSK	1	14	24.31	24.35	24.31		
3	QPSK	8	0	23.15	23.48	23.39		
3	QPSK	8	4	23.36	23.33	23.37	24.5	1
3	QPSK	8	7	23.24	23.31	23.28		
3	QPSK	15	0	23.17	23.38	23.28		
3	16QAM	1	0	23.39	23.39	23.50		
3	16QAM	1	8	23.19	23.28	23.26	24.5	1
3	16QAM	1	14	23.19	23.25	23.25		
3	16QAM	8	0	22.22	22.36	22.30		
3	16QAM	8	4	22.17	22.24	22.30	23.5	2
3	16QAM	8	7	22.25	22.32	22.26		
3	16QAM	15	0	22.27	22.25	22.26		
3	64QAM	1	0	22.43	22.36	22.39		
3	64QAM	1	8	22.23	22.29	22.28	23.5	2
3	64QAM	1	14	22.20	22.24	22.24		
3	64QAM	8	0	21.19	21.37	21.27		
3	64QAM	8	4	21.13	21.25	21.36	22.5	3
3	64QAM	8	7	21.19	21.24	21.28		
3	64QAM	15	0	21.19	21.24	21.27		
3	256QAM	1	0	19.22	19.35	19.34		
3	256QAM	1	8	19.22	19.29	19.28	20.5	5
3	256QAM	1	14	19.22	19.30	19.18		
3	256QAM	8	0	19.24	19.43	19.23		
3	256QAM	8	4	19.21	19.29	19.29	20.5	5
3	256QAM	8	7	19.24	19.32	19.30		
3	256QAM	15	0	19.22	19.29	19.29		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.40	24.44	24.38		
1.4	QPSK	1	3	24.35	24.36	24.34		
1.4	QPSK	1	5	24.28	24.33	24.30	25.5	0
1.4	QPSK	3	0	24.24	24.41	24.40		
1.4	QPSK	3	1	24.34	24.36	24.33		
1.4	QPSK	3	3	24.24	24.37	24.37		
1.4	QPSK	6	0	23.20	23.37	23.32	24.5	1
1.4	16QAM	1	0	23.30	23.45	23.44		
1.4	16QAM	1	3	23.19	23.22	23.26		
1.4	16QAM	1	5	23.24	23.35	23.23	24.5	1
1.4	16QAM	3	0	23.20	23.47	23.40		
1.4	16QAM	3	1	23.16	23.23	23.32		
1.4	16QAM	3	3	23.23	23.34	23.25		
1.4	16QAM	6	0	22.28	22.31	22.36	23.5	2
1.4	64QAM	1	0	22.40	22.46	22.33		
1.4	64QAM	1	3	22.24	22.30	22.31		
1.4	64QAM	1	5	22.15	22.31	22.23	23.5	2
1.4	64QAM	3	0	22.24	22.41	22.30		
1.4	64QAM	3	1	22.20	22.29	22.29		
1.4	64QAM	3	3	22.24	22.28	22.29		
1.4	64QAM	6	0	21.22	21.34	21.19	22.5	3
1.4	256QAM	1	0	19.28	19.30	19.27		
1.4	256QAM	1	3	19.22	19.30	19.19		
1.4	256QAM	1	5	19.26	19.38	19.28	20.5	5
1.4	256QAM	3	0	19.19	19.42	19.19		
1.4	256QAM	3	1	19.18	19.26	19.32		
1.4	256QAM	3	3	19.19	19.25	19.27		
1.4	256QAM	6	0	19.25	19.36	19.29	20.5	5

Band 7 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.75	22.84	22.72		
20	QPSK	1	49	22.71	22.76	22.65	24	0
20	QPSK	1	99	22.60	22.74	22.61		
20	QPSK	50	0	21.64	21.78	21.67		
20	QPSK	50	24	21.61	21.70	21.63	23	1
20	QPSK	50	50	21.52	21.65	21.56		
20	QPSK	100	0	21.63	21.73	21.64		
20	16QAM	1	0	21.69	21.77	21.74		
20	16QAM	1	49	21.54	21.68	21.60	23	1
20	16QAM	1	99	21.50	21.64	21.53		
20	16QAM	50	0	20.67	20.72	20.68		
20	16QAM	50	24	20.59	20.67	20.54	22	2
20	16QAM	50	50	20.55	20.63	20.57		
20	16QAM	100	0	20.61	20.67	20.55		
20	64QAM	1	0	20.65	20.69	20.58		
20	64QAM	1	49	20.59	20.70	20.64	22	2
20	64QAM	1	99	20.56	20.69	20.60		
20	64QAM	50	0	19.72	19.78	19.72		
20	64QAM	50	24	19.53	19.65	19.61	21	3
20	64QAM	50	50	19.55	19.62	19.48		
20	64QAM	100	0	19.55	19.66	19.59		
20	256QAM	1	0	17.66	17.71	17.65		
20	256QAM	1	49	17.52	17.63	17.53	19	5
20	256QAM	1	99	17.54	17.66	17.53		
20	256QAM	50	0	17.60	17.74	17.64		
20	256QAM	50	24	17.53	17.65	17.51	19	5
20	256QAM	50	50	17.59	17.70	17.62		
20	256QAM	100	0	17.57	17.66	17.63		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.71	22.71	22.64		
15	QPSK	1	37	22.61	22.62	22.61	24	0
15	QPSK	1	74	22.52	22.64	22.47		
15	QPSK	36	0	21.51	21.73	21.52		
15	QPSK	36	20	21.52	21.64	21.58	23	1
15	QPSK	36	39	21.47	21.52	21.45		
15	QPSK	75	0	21.55	21.60	21.60		
15	16QAM	1	0	21.64	21.74	21.66		
15	16QAM	1	37	21.51	21.62	21.55	23	1
15	16QAM	1	74	21.35	21.53	21.41		
15	16QAM	36	0	20.59	20.65	20.57		
15	16QAM	36	20	20.47	20.57	20.42	22	2
15	16QAM	36	39	20.48	20.54	20.47		
15	16QAM	75	0	20.55	20.59	20.43		
15	64QAM	1	0	20.51	20.64	20.50		
15	64QAM	1	37	20.53	20.66	20.55	22	2
15	64QAM	1	74	20.48	20.58	20.53		
15	64QAM	36	0	19.60	19.70	19.64		
15	64QAM	36	20	19.45	19.55	19.56	21	3
15	64QAM	36	39	19.51	19.55	19.37		
15	64QAM	75	0	19.46	19.58	19.54		
15	256QAM	1	0	17.61	17.66	17.56		
15	256QAM	1	37	17.43	17.52	17.39	19	5
15	256QAM	1	74	17.42	17.61	17.45		
15	256QAM	36	0	17.49	17.61	17.54		
15	256QAM	36	20	17.44	17.56	17.44	19	5
15	256QAM	36	39	17.47	17.67	17.57		
15	256QAM	75	0	17.44	17.57	17.51		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.71	22.73	22.67		
10	QPSK	1	25	22.60	22.63	22.55	24	0
10	QPSK	1	49	22.52	22.63	22.57		
10	QPSK	25	0	21.52	21.70	21.57		
10	QPSK	25	12	21.48	21.58	21.54	23	1
10	QPSK	25	25	21.40	21.56	21.48		
10	QPSK	50	0	21.52	21.70	21.51		
10	16QAM	1	0	21.66	21.67	21.65		
10	16QAM	1	25	21.49	21.61	21.49	23	1
10	16QAM	1	49	21.45	21.53	21.44		
10	16QAM	25	0	20.60	20.62	20.53		
10	16QAM	25	12	20.55	20.53	20.45	22	2
10	16QAM	25	25	20.48	20.58

Band 13 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					23230			
Frequency (MHz)					782			
10	QPSK	1	0	23.63				
10	QPSK	1	25		23.56		24.5	0
10	QPSK	1	49		23.54			
10	QPSK	25	0		22.67			
10	QPSK	25	12		22.60		23.5	1
10	QPSK	25	25		22.64			
10	QPSK	50	0		22.62			
10	16QAM	1	0		22.65			
10	16QAM	1	25		22.56		23.5	1
10	16QAM	1	49		22.52			
10	16QAM	25	0		21.64			
10	16QAM	25	12		21.50		22.5	2
10	16QAM	25	25		21.50			
10	16QAM	50	0		21.57			
10	64QAM	1	0		21.68			
10	64QAM	1	25		21.49		22.5	2
10	64QAM	1	49		21.44			
10	64QAM	25	0		20.60			
10	64QAM	25	12		20.49		21.5	3
10	64QAM	25	25		20.50			
10	64QAM	50	0		20.53			
10	256QAM	1	0		18.60			
10	256QAM	1	25		18.63		19.5	5
10	256QAM	1	49		18.58			
10	256QAM	25	0		18.68			
10	256QAM	25	12		18.60		19.5	5
10	256QAM	25	25		18.56			
10	256QAM	50	0		18.64			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.38	23.50	23.43	24.5	0
5	QPSK	1	12	23.35	23.49	23.45		
5	QPSK	1	24	23.34	23.47	23.39		
5	QPSK	12	0	22.49	22.58	22.51		
5	QPSK	12	7	22.35	22.46	22.32	23.5	1
5	QPSK	12	13	22.45	22.59	22.45		
5	QPSK	25	0	22.46	22.53	22.43		
5	16QAM	1	0	22.47	22.51	22.37		
5	16QAM	1	12	22.41	22.53	22.37	23.5	1
5	16QAM	1	24	22.33	22.38	22.33		
5	16QAM	12	0	21.53	21.57	21.40		
5	16QAM	12	7	21.31	21.39	21.36	22.5	2
5	16QAM	12	13	21.31	21.47	21.28		
5	16QAM	25	0	21.49	21.51	21.42		
5	64QAM	1	0	21.48	21.58	21.51		
5	64QAM	1	12	21.32	21.36	21.33	22.5	2
5	64QAM	1	24	21.33	21.34	21.17		
5	64QAM	12	0	20.38	20.53	20.45		
5	64QAM	12	7	20.26	20.41	20.28	21.5	3
5	64QAM	12	13	20.31	20.36	20.36		
5	64QAM	25	0	20.33	20.48	20.26		
5	256QAM	1	0	18.47	18.55	18.43		
5	256QAM	1	12	18.46	18.55	18.46	19.5	5
5	256QAM	1	24	18.38	18.53	18.45		
5	256QAM	12	0	18.51	18.53	18.45		
5	256QAM	12	7	18.46	18.53	18.37	19.5	5
5	256QAM	12	13	18.38	18.43	18.43		
5	256QAM	25	0	18.46	18.54	18.42		

Band 17 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.64	24.70	24.59	25.5	0
10	QPSK	1	25	24.47	24.64	24.59		
10	QPSK	1	49	24.56	24.56	24.58		
10	QPSK	25	0	23.50	23.66	23.58		
10	QPSK	25	12	23.52	23.61	23.49	24.5	1
10	QPSK	25	25	23.55	23.52	23.51		
10	QPSK	50	0	23.50	23.62	23.50		
10	16QAM	1	0	23.69	23.76	23.71		
10	16QAM	1	25	23.44	23.57	23.55	24.5	1
10	16QAM	1	49	23.50	23.51	23.47		
10	16QAM	25	0	22.52	22.70	22.57		
10	16QAM	25	12	22.59	22.58	22.61	23.5	2
10	16QAM	25	25	22.58	22.58	22.54		
10	16QAM	50	0	22.48	22.60	22.56		
10	64QAM	1	0	22.58	22.76	22.67		
10	64QAM	1	25	22.43	22.54	22.49	23.5	2
10	64QAM	1	49	22.40	22.50	22.41		
10	64QAM	25	0	21.51	21.64	21.48		
10	64QAM	25	12	21.48	21.51	21.51	22.5	3
10	64QAM	25	25	21.44	21.61	21.51		
10	64QAM	50	0	21.43	21.60	21.48		
10	256QAM	1	0	19.56	19.57	19.59		
10	256QAM	1	25	19.50	19.59	19.55	20.5	5
10	256QAM	1	49	19.52	19.60	19.53		
10	256QAM	25	0	19.52	19.68	19.58		
10	256QAM	25	12	19.56	19.53	19.57	20.5	5
10	256QAM	25	25	19.48	19.57	19.60		
10	256QAM	50	0	19.52	19.56	19.51		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.58	24.55	24.50	25.5	0
5	QPSK	1	12	24.41	24.59	24.51		
5	QPSK	1	24	24.47	24.49	24.54		
5	QPSK	12	0	23.45	23.55	23.49		
5	QPSK	12	7	23.46	23.57	23.40	24.5	1
5	QPSK	12	13	23.47	23.38	23.46		
5	QPSK	25	0	23.45	23.59	23.39		
5	16QAM	1	0	23.63	23.71	23.61		
5	16QAM	1	12	23.35	23.51	23.47	24.5	1
5	16QAM	1	24	23.41	23.42	23.37		
5	16QAM	12	0	22.43	22.66	22.51		
5	16QAM	12	7	22.51	22.50	22.57	23.5	2
5	16QAM	12	13	22.52	22.47	22.49		
5	16QAM	25	0	22.42	22.56	22.44		
5	64QAM	1	0	22.44	22.64	22.62		
5	64QAM	1	12	22.35	22.44	22.39	23.5	2
5	64QAM	1	24	22.37	22.42	22.36		
5	64QAM	12	0	21.43	21.49	21.43		
5	64QAM	12	7	21.44	21.46	21.42	22.5	3
5	64QAM	12	13	21.40	21.48	21.44		
5	64QAM	25	0	21.32	21.50	21.43		
5	256QAM	1	0	19.51	19.44	19.49		
5	256QAM	1	12	19.40	19.49	19.44	20.5	5
5	256QAM	1	24	19.44	19.45	19.44		
5	256QAM	12	0	19.41	19.54	19.49		
5	256QAM	12	7	19.51	19.40	19.43	20.5	5
5	256QAM	12	13	19.40	19.52	19.57		
5	256QAM	25	0	19.45	19.46	19.46		

Band 26 Ant0 for FCC 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	24.35	24.58	24.41	25.5	0
15	QPSK	1	37	24.42	24.48	24.40		
15	QPSK	1	74	24.35	24.49	24.49		
15	QPSK	36	0	23.38	23.50	23.33		
15	QPSK	36	20	23.37	23.42	23.41	24.5	1
15	QPSK	36	39	23.29	23.46	23.36		
15	QPSK	75	0	23.26	23.47	23.37		
15	16QAM	1	0	23.34	23.52	23.39		
15	16QAM	1	37	23.26	23.27	23.23	24.5	1
15	16QAM	1	74	23.23	23.27	23.28		
15	16QAM	36	0	22.31	22.43	22.32		
15	16QAM	36	20	22.27	22.34	22.27	23.5	2
15	16QAM	36	39	22.24	22.37	22.31		
15	16QAM	75	0	22.28	22.35	22.33		
15	64QAM	1	0	22.42	22.53	22.49		
15	64QAM	1	37	22.26	22.36	22.35	23.5	2
15	64QAM	1	74	22.34	22.39	22.37		
15	64QAM	36	0	21.31	21.48	21.36		
15	64QAM	36	20	21.35	21.33	21.30	22.5	3
15	64QAM	36	39	21.31	21.43	21.38		
15	64QAM	75	0	21.31	21.44	21.34		
15	256QAM	1	0	19.24	19.35	19.34		
15	256QAM	1	37	19.29	19.38	19.27	20.5	5
15	256QAM	1	74	19.24	19.32	19.26		
15	256QAM	36	0	19.26	19.45	19.26		
15	256QAM	36	20	19.24	19.35	19.33	20.5	5
15	256QAM	36	39	19.27	19.39	19.36		
15	256QAM	75	0	19.29	19.34	19.37		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.23	24.47	24.33	25.5	0
10	QPSK	1	25	24.24	24.39	24.26		
10	QPSK	1	49	24.24	24.37	24.36		
10	QPSK	25	0	23.33	23.39	23.18		
10	QPSK	25	12	23.31	23.35	23.30	24.5	1
10	QPSK	25	25	23.23	23.37	23.27		
10	QPSK	50	0	23.23	23.33	23.33		
10	16QAM	1	0	23.27	23.47	23.36		
10	16QAM	1	25	23.14	23.13	23.12	24.5	1
10	16QAM	1	49	23.20	23.14	23.17		
10	16QAM	25	0	22.26	22.32	22.19		
10	16QAM	25	12	22.16	22.24	22.22	23.5	2
10	16QAM	25	25	22.15	22.26	22.21		
10	16QAM	50	0	22.18	22.24	22.22		
10	64QAM	1	0	22.34	22.50	22.34		
10	64QAM	1	25	22.11	22.25	22.20	23.5	2
10	64QAM	1	49	22.30	22.30	22.24		
10	64QAM	25	0	21.18	21.43	21.24		
10	64QAM	25	12	21.27	21.27	21.21	22.5	3
10	64QAM	25	25	21.27	21.37	21.25		
10	64QAM	50	0	21.17	21.36	21.20		
10	256QAM	1	0	19.17	19.22	19.29		
10	256QAM	1	25	19.25	19.24	19.21	20.5	5
10	256QAM	1	49	19.18	19.27	19.15		
10	256QAM	25	0	19.21	19.37	19.21		
10	256QAM	25	12	19.19	19.24	19.19	20.5	5
10	256QAM	25	25	19.15	19.24	19.31		
10	256QAM	50	0	19.20	19.22	19.30		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.29	24.49	24.32	25.5	0
5	QPSK	1	12	24.28	24.40	24.27		
5	QPSK	1	24	24.29	24.40	24.43		
5	QPSK	12	0	23.32	23.38	23.22		
5	QPSK	12	7	23.28	23.33	23.27	24.5	1
5	QPSK	12	13	23.23	23.35	23.30		
5	QPSK	25	0	23.13	23.33	23.31		
5	16QAM	1	0	23.27	23.44	23.24		
5	16QAM	1	12	23.11	23.19	23.11	24.5	1
5	16QAM	1	24	23.08	23.19	23.22		
5	16QAM	12	0	22.23	22.29	22.21		
5	16QAM	12	7	22.17	22.24	22.21	23.5	2
5	16QAM	12	13	22.14	22.24	22.28		
5	16QAM	25	0	22.25	22.23	22.22		
5	64QAM	1	0	22.36	22.39	22.35		
5	64QAM	1	12	22.12	22.25	22.30	23.5	2
5	64QAM	1	24	22.27	22.35	22.34		
5	64QAM	12	0	21.21	21.35	21.27		
5	64QAM	12	7	21.23	21.19	21.23	22.5	3
5	64QAM	12	13	21.17	21.39	21.33		
5	64QAM	25	0	21.26	21.32	21.28		
5	256QAM	1	0	19.13	19.27	19.24		
5	256QAM	1	12	19.16	19.25	19.23	20.5	5
5	256QAM	1	24	19.13	19.29	19.20		
5	256QAM	12	0	19.11	19.32	19.13		
5	256QAM	12	7	19.17	19.31	19.28	20.5	5
5	256QAM	12	13	19.12	19.34	19.28		
5	256QAM	25	0	19.19	19.30	19.30		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.24	24.49	24.38	25.5	0
3	QPSK	1	8	24.38	24.43	24.28		
3	QPSK	1	14	24.25	24.44	24.39		
3	QPSK	8	0	23.35	23.44	23.29		
3	QPSK	8	4	23.35	23.33	23.36	24.5	1
3	QPSK	8	7	23.20	23.34	23.25		
3	QPSK	15	0	23.12	23.39	23.28		
3	16QAM	1	0	23.20	23.46	23.31		
3	16QAM	1	8	23.23	23.18	23.20	24.5	1
3	16QAM	1	14	23.13	23.22	23.21		
3	16QAM	8	0	22.20	22.36	22.22		
3	16QAM	8	4	22.17	22.29	22.20	23.5	2
3	16QAM	8	7	22.21	22.33	22.16		
3	16QAM	15	0	22.19	22.28	22.20		
3	64QAM	1	0	22.33	22.43	22.39		
3	64QAM	1	8	22.18	22.25	22.29	23.5	2
3	64QAM	1	14	22.22	22.24	22.32		
3	64QAM	8	0	21.20	21.36	21.28		
3	64QAM	8	4	21.22	21.30	21.22	22.5	3
3	64QAM	8	7	21.21	21.34	21.24		
3	64QAM	15	0	21.25	21.30	21.24		
3	256QAM	1	0	19.13	19.29	19.23		
3	256QAM	1	8	19.22	19.26	19.20	20.5	5
3	256QAM	1	14	19.18	19.19	19.22		
3	256QAM	8	0	19.16	19.32	19.16		
3	256QAM	8	4	19.16	19.25	19.21	20.5	5
3	256QAM	8	7	19.21	19.26	19.31		
3	256QAM	15	0	19.22	19.29	19.24		
Channel				26687	26865	27043	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.28	24.46	24.34	25.5	0
1.4	QPSK	1	3	24.33	24.35	24.32		
1.4	QPSK	1	5	24.26	24.46	24.43		
1.4	QPSK	3	0	24.24	24.41	24.24		
1.4	QPSK	3	1	24.33	24.27	24.37		
1.4	QPSK	3	3	24.23	24.32	24.22		
1.4	QPSK	6	0	23.22	23.35	23.22	24.5	1
1.4	16QAM	1	0	23.23	23.48	23.26	24.5	1
1.4	16QAM	1	3	23.16	23.17	23.18		
1.4	16QAM	1	5	23.15	23.21	23.20		
1.4	16QAM	3	0	23.23	23.30	23.28		
1.4	16QAM	3	1	23.21	23.28	23.22		
1.4	16QAM	3	3	23.16	23.26	23.26		
1.4	16QAM	6	0	22.24	22.23	22.25	23.5	2
1.4	64QAM	1	0	22.27	22.47	22.37	23.5	2
1.4	64QAM	1	3	22.17	22.32	22.23		
1.4	64QAM	1	5	22.20	22.26	22.29		
1.4	64QAM	3	0	22.18	22.44	22.31		
1.4	64QAM	3	1	22.32	22.19	22.24		
1.4	64QAM	3	3	22.26	22.37	22.35		
1.4	64QAM	6	0	21.25	21.41	21.23	22.5	3
1.4	256QAM	1	0	19.20	19.31	19.24	20.5	5
1.4	256QAM	1	3	19.22	19.26	19.22		
1.4	256QAM	1	5	19.21	19.18	19.19		
1.4	256QAM	3	0	19.22	19.30	19.16		
1.4	256QAM	3	1	19.19	19.29	19.19		
1.4	256QAM	3	3	19.17	19.35	19.26		
1.4	256QAM	6	0	19.14	19.26	19.27	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.78	23.02	22.84	24	0
20	QPSK	1	49	22.86	22.91	22.93		
20	QPSK	1	99	22.84	22.96	22.94		
20	QPSK	50	0	21.75	21.95	21.80		
20	QPSK	50	24	21.81	21.85	21.80	23	1
20	QPSK	50	50	21.73	21.82	21.87		
20	QPSK	100	0	21.70	21.90	21.81		
20	16QAM	1	0	21.77	21.94	21.88		
20	16QAM	1	49	21.80	21.86	21.83	23	1
20	16QAM	1	99	21.82	21.92	21.83		
20	16QAM	50	0	20.74	20.93	20.78		
20	16QAM	50	24	20.71	20.78	20.85	22	2
20	16QAM	50	50	20.76	20.89	20.77		
20	16QAM	100	0	20.80	20.79	20.83		
20	64QAM	1	0	20.82	20.91	20.88		
20	64QAM	1	49	20.89	20.94	20.86	22	2
20	64QAM	1	99	20.81	20.92	20.94		
20	64QAM	50	0	19.85	19.98	19.82		
20	64QAM	50	24	19.86	19.94	19.85	21	3
20	64QAM	50	50	19.86	19.89	19.85		
20	64QAM	100	0	19.86	19.84	19.88		
20	256QAM	1	0	17.78	17.86	17.74		
20	256QAM	1	49	17.78	17.85	17.76	19	5
20	256QAM	1	99	17.69	17.81	17.78		
20	256QAM	50	0	17.70	17.90	17.81		
20	256QAM	50	24	17.70	17.79	17.82	19	5
20	256QAM	50	50	17.76	17.77	17.81		
20	256QAM	100	0	17.74	17.86	17.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.68	22.98	22.69	24	0
15	QPSK	1	37	22.74	22.96	22.82		
15	QPSK	1	74	22.75	22.85	22.80		
15	QPSK	36	0	21.64	21.89	21.72	23	1
15	QPSK	36	20	21.67	21.70	21.72		
15	QPSK	36	39	21.66	21.73	21.74		
15	QPSK	75	0	21.61	21.81	21.72		
15	16QAM	1	0	21.66	21.82	21.78		
15	16QAM	1	37	21.66	21.75	21.74	23	1
15	16QAM	1	74	21.74	21.86	21.74		
15	16QAM	36	0	20.66	20.80	20.71		
15	16QAM	36	20	20.58	20.74	20.74	22	2
15	16QAM	36	39	20.67	20.84	20.73		
15	16QAM	75	0	20.75	20.86	20.80		
15	64QAM	1	0	20.71	20.81	20.81		
15	64QAM	1	37	20.79	20.85	20.77	22	2
15	64QAM	1	74	20.72	20.83	20.90		
15	64QAM	36	0	19.77	19.94	19.73	21	3
15	64QAM	36	20	19.74	19.89	19.81		
15	64QAM	36	39	19.73	19.85	19.80		
15	64QAM	75	0	19.73	19.76	19.81		
15	256QAM	1	0	17.74	17.72	17.69	19	5
15	256QAM	1	37	17.68	17.74	17.65		
15	256QAM	1	74	17.55	17.67	17.65		
15	256QAM	36	0	17.60	17.76	17.78	19	5
15	256QAM	36	20	17.57	17.74	17.76		
15	256QAM	36	39	17.57	17.67	17.77		
15	256QAM	75	0	17.64	17.81	17.64		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.72	22.98	22.80	24	0
10	QPSK	1	25	22.74	22.86	22.81		
10	QPSK	1	49	22.73	22.90	22.88		
10	QPSK	25	0	21.72	21.87	21.77	23	1
10	QPSK	25	12	21.66	21.76	21.67		
10	QPSK	25	25	21.59	21.70	21.82		
10	QPSK	50	0	21.67	21.86	21.76		
10	16QAM	1	0	21.69	21.89	21.73	23	1
10	16QAM	1	25	21.68	21.82	21.72		
10	16QAM	1	49	21.77	21.88	21.72		
10	16QAM	25	0	20.60	20.81	20.75	22	2
10	16QAM	25	12	20.65	20.68	20.74		
10	16QAM	25	25	20.71	20.80	20.68		
10	16QAM	50	0	20.67	20.72	20.74		
10	64QAM	1	0	20.71	20.84	20.76	22	2
10	64QAM	1	25	20.77	20.84	20.79		
10	64QAM	1	49	20.67	20.85	20.89		
10	64QAM	25	0	19.77	19.91	19.70	21	3
10	64QAM	25	12	19.82	19.77	19.76		
10	64QAM	25	25	19.75	19.80	19.71		
10	64QAM	50	0	19.77	19.76	19.73		
10	256QAM	1	0	17.67	17.76	17.64	19	5
10	256QAM	1	25	17.64	17.73	17.67		
10	256QAM	1	49	17.63	17.75	17.65		
10	256QAM	25	0	17.66	17.75	17.75	19	5
10	256QAM	25	12	17.61	17.76	17.73		
10	256QAM	25	25	17.69	17.71	17.75		
10	256QAM	50	0	17.59	17.74	17.66		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.73	22.92	22.70	24	0
5	QPSK	1	12	22.75	22.83	22.82		
5	QPSK	1	24	22.70	22.93	22.86		
5	QPSK	12	0	21.71	21.91	21.75	23	1
5	QPSK	12	7	21.71	21.74	21.74		
5	QPSK	12	13	21.64	21.69	21.79		
5	QPSK	25	0	21.62	21.77	21.70		
5	16QAM	1	0	21.71	21.90	21.82	23	1
5	16QAM	1	12	21.67	21.78	21.76		
5	16QAM	1	24	21.72	21.77	21.71		
5	16QAM	12	0	20.66	20.80	20.69	22	2
5	16QAM	12	7	20.61	20.71	20.79		
5	16QAM	12	13	20.70	20.81	20.68		
5	16QAM	25	0	20.76	20.74	20.76		
5	64QAM	1	0	20.77	20.86	20.81	22	2
5	64QAM	1	12	20.83	20.79	20.77		
5	64QAM	1	24	20.76	20.80	20.88		
5	64QAM

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BW [MHz]	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	22.60	22.66	22.62	23.5	0
20	QPSK	1	49	22.54	22.62	22.51		
20	QPSK	1	99	22.53	22.53	22.61		
20	QPSK	50	0	21.40	21.56	21.39	22.5	1
20	QPSK	50	24	21.36	21.50	21.43		
20	QPSK	50	50	21.36	21.48	21.52		
20	QPSK	100	0	21.32	21.56	21.40		
20	16QAM	1	0	21.48	21.54	21.53	22.5	1
20	16QAM	1	49	21.40	21.46	21.36		
20	16QAM	1	99	21.29	21.44	21.47		
20	16QAM	50	0	20.32	20.48	20.38	21.5	2
20	16QAM	50	24	20.30	20.41	20.33		
20	16QAM	50	50	20.28	20.40	20.30		
20	16QAM	100	0	20.32	20.33	20.32		
20	64QAM	1	0	20.44	20.51	20.55	21.5	2
20	64QAM	1	49	20.43	20.54	20.37		
20	64QAM	1	99	20.44	20.45	20.50		
20	64QAM	50	0	19.36	19.51	19.40	20.5	3
20	64QAM	50	24	19.39	19.45	19.44		
20	64QAM	50	50	19.38	19.47	19.41		
20	64QAM	100	0	19.34	19.45	19.40		
20	256QAM	1	0	17.33	17.42	17.43	18.5	5
20	256QAM	1	49	17.38	17.44	17.44		
20	256QAM	1	99	17.42	17.51	17.35		
20	256QAM	50	0	17.32	17.54	17.48	18.5	5
20	256QAM	50	24	17.42	17.44	17.40		
20	256QAM	50	50	17.44	17.42	17.34		
20	256QAM	100	0	17.40	17.44	17.42		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.47	22.56	22.49	23.5	0
15	QPSK	1	37	22.51	22.56	22.42		
15	QPSK	1	74	22.46	22.41	22.55		
15	QPSK	36	0	21.30	21.49	21.32	22.5	1
15	QPSK	36	20	21.26	21.37	21.37		
15	QPSK	36	39	21.30	21.37	21.48		
15	QPSK	75	0	21.21	21.45	21.26		
15	16QAM	1	0	21.34	21.49	21.44	22.5	1
15	16QAM	1	37	21.28	21.32	21.25		
15	16QAM	1	74	21.20	21.36	21.37		
15	16QAM	36	0	20.19	20.34	20.34	21.5	2
15	16QAM	36	20	20.27	20.34	20.21		
15	16QAM	36	39	20.19	20.29	20.21		
15	16QAM	75	0	20.24	20.24	20.29		
15	64QAM	1	0	20.37	20.41	20.41	21.5	2
15	64QAM	1	37	20.35	20.44	20.33		
15	64QAM	1	74	20.29	20.39	20.39		
15	64QAM	36	0	19.21	19.45	19.34	20.5	3
15	64QAM	36	20	19.27	19.36	19.39		
15	64QAM	36	39	19.28	19.39	19.37		
15	64QAM	75	0	19.26	19.32	19.36		
15	256QAM	1	0	17.25	17.35	17.29	18.5	5
15	256QAM	1	37	17.28	17.38	17.34		
15	256QAM	1	74	17.29	17.41	17.21		
15	256QAM	36	0	17.28	17.48	17.40	18.5	5
15	256QAM	36	20	17.38	17.30	17.33		
15	256QAM	36	39	17.34	17.34	17.30		
15	256QAM	75	0	17.34	17.32	17.34		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.49	22.59	22.57	23.5	0
10	QPSK	1	25	22.50	22.55	22.38		
10	QPSK	1	49	22.50	22.40	22.56		
10	QPSK	25	0	21.34	21.41	21.33	22.5	1
10	QPSK	25	12	21.22	21.41	21.35		
10	QPSK	25	25	21.31	21.36	21.40		
10	QPSK	50	0	21.25	21.47	21.33		
10	16QAM	1	0	21.38	21.45	21.49	22.5	1
10	16QAM	1	25	21.25	21.36	21.26		
10	16QAM	1	49	21.20	21.38	21.44		
10	16QAM	25	0	20.24	20.42	20.23	21.5	2
10	16QAM	25	12	20.25	20.36	20.20		
10	16QAM	25	25	20.19	20.25	20.26		
10	16QAM	50	0	20.20	20.24	20.26		
10	64QAM	1	0	20.29	20.41	20.52	21.5	2
10	64QAM	1	25	20.35	20.41	20.33		
10	64QAM	1	49	20.39	20.36	20.40		
10	64QAM	25	0	19.22	19.45	19.33	20.5	3
10	64QAM	25	12	19.35	19.31	19.29		
10	64QAM	25	25	19.31	19.40	19.28		
10	64QAM	50	0	19.30	19.34	19.26		
10	256QAM	1	0	17.24	17.36	17.34	18.5	5
10	256QAM	1	25	17.31	17.38	17.31		
10	256QAM	1	49	17.29	17.46	17.29		
10	256QAM	25	0	17.20	17.40	17.42	18.5	5
10	256QAM	25	12	17.28	17.33	17.26		
10	256QAM	25	25	17.36	17.36	17.24		
10	256QAM	50	0	17.27	17.38	17.37		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.46	22.53	22.57	23.5	0
5	QPSK	1	12	22.42	22.55	22.45		
5	QPSK	1	24	22.43	22.45	22.46		
5	QPSK	12	0	21.31	21.52	21.30	22.5	1
5	QPSK	12	7	21.28	21.43	21.39		
5	QPSK	12	13	21.30	21.37	21.42		
5	QPSK	25	0	21.22	21.43	21.25		
5	16QAM	1	0	21.38	21.48	21.40	22.5	1
5	16QAM	1	12	21.30	21.34	21.37		
5	16QAM	1	24	21.15	21.36	21.43		
5	16QAM	12	0	20.21	20.42	20.30	21.5	2
5	16QAM	12	7	20.21	20.28	20.24		
5	16QAM	12	13	20.22	20.26	20.16		
5	16QAM	25	0	20.26	20.25	20.24		
5	64QAM	1	0	20.33	20.44	20.47	21.5	2
5	64QAM	1	12	20.38	20.43	20.31		
5	64QAM	1	24	20.30	20.33	20.44		
5	64QAM	12	0	19.29	19.40	19.32	20.5	3
5	64QAM	12	7	19.33	19.32	19.39		
5	64QAM	12	13	19.25	19.33	19.31		
5	64QAM	25	0	19.25	19.41	19.36		
5	256QAM	1	0	17.25	17.29	17.38	18.5	5
5	256QAM	1	12	17.28	17.40	17.40		
5	256QAM	1	24	17.27	17.40	17.22		
5	256QAM	12	0	17.25	17.47	17.44	18.5	5
5	256QAM	12	7	17.35	17.30	17.35		
5	256QAM	12	13	17.33	17.37	17.23		
5	256QAM	25	0	17.33	17.30	17.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.68	22.61	22.72	22.55	22.52	23.5	0
20	QPSK	1	49	22.61	22.58	22.64	22.57	22.46		
20	QPSK	1	99	22.51	22.56	22.59	22.65	22.49		
20	QPSK	50	0	21.54	21.46	21.65	21.57	21.55	22.5	1
20	QPSK	50	24	21.45	21.49	21.48	21.47	21.45		
20	QPSK	50	50	21.43	21.43	21.61	21.55	21.41		
20	QPSK	100	0	21.43	21.39	21.58	21.41	21.46		
20	16QAM	1	0	21.44	21.55	21.56	21.55	21.52	22.5	1
20	16QAM	1	49	21.42	21.28	21.45	21.43	21.32		
20	16QAM	1	99	21.29	21.30	21.34	21.43	21.34		
20	16QAM	50	0	20.50	20.38	20.54	20.40	20.46	21.5	2
20	16QAM	50	24	20.36	20.41	20.44	20.47	20.33		
20	16QAM	50	50	20.39	20.44	20.49	20.48	20.30		
20	16QAM	100	0	20.38	20.40	20.50	20.42	20.41		
20	64QAM	1	0	20.54	20.53	20.71	20.64	20.60	21.5	2
20	64QAM	1	49	20.31	20.39	20.44	20.39	20.38		
20	64QAM	1	99	20.39	20.32	20.49	20.37	20.33		
20	64QAM	50	0	19.47	19.48	19.58	19.43	19.47	20.5	3
20	64QAM	50	24	19.29	19.43	19.45	19.40	19.36		
20	64QAM	50	50	19.39	19.43	19.45	19.53	19.42		
20	64QAM	100	0	19.36	19.50	19.45	19.52	19.36		
20	256QAM	1	0	17.39	17.43	17.47	17.51	17.44	18.5	5
20	256QAM	1	49	17.36	17.49	17.45	17.46	17.39		
20	256QAM	1	99	17.50	17.43	17.55	17.49	17.43		
20	256QAM	50	0	17.51	17.44	17.63	17.51	17.52	18.5	5
20	256QAM	50	24	17.41	17.52	17.52	17.47	17.43		
20	256QAM	50	50	17.36	17.43	17.46	17.50	17.33		
20	256QAM	100	0	17.43	17.48	17.55	17.49	17.42		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.53	22.42	22.61	22.44	22.51	23.50	0
15	QPSK	1	37	22.46	22.48	22.51	22.43	22.43		
15	QPSK	1	74	22.40	22.47	22.49	22.55	22.37		
15	QPSK	36	0	21.41	21.32	21.55	21.44	21.40	22.5	1
15	QPSK	36	20	21.31	21.37	21.36	21.35	21.33		
15	QPSK	36	39	21.29	21.32	21.48	21.42	21.30		
15	QPSK	75	0	21.34	21.25	21.47	21.32	21.32		
15	16QAM	1	0	21.34	21.41	21.47	21.43	21.37	22.5	1
15	16QAM	1	37	21.31	21.15	21.32	21.30	21.19		
15	16QAM	1	74	21.17	21.17	21.20	21.32	21.23		
15	16QAM	36	0	20.39	20.25	20.43	20.30	20.32	21.5	2
15	16QAM	36	20	20.23	20.29	20.30	20.35	20.20		
15	16QAM	36	39	20.29	20.33	20.35	20.35	20.18		
15	16QAM	75	0	20.26	20.29	20.39	20.32	20.27		
15	64QAM	1	0	20.39	20.42	20.57	20.50	20.48	21.5	2
15	64QAM	1	37	20.18	20.29	20.30	20.29	20.26		
15	64QAM	1	74	20.29	20.22	20.37	20.27	20.18		
15	64QAM	36	0	19.37	19.36	19.45	19.30	19.37	20.5	3
15	64QAM	36	20	19.17	19.29	19.32	19.26	19.24		
15	64QAM	36	39	19.25	19.34	19.30	19.43	19.29		
15	64QAM	75	0	19.25	19.41	19.34	19.39	19.25		
15	256QAM	1	0	17.28	17.33	17.37	17.36	17.31	18.5	5
15	256QAM	1	37	17.26	17.39	17.33	17.33	17.29		
15	256QAM	1	74	17.35	17.30	17.44	17.39	17.31		
15	256QAM	36	0	17.37	17.33	17.48	17.36	17.41	18.5	5
15	256QAM	36	20	17.29	17.40	17.40	17.37	17.31		
15	256QAM	36	39	17.24	17.32	17.33	17.40	17.24		
15	256QAM	75	0	17.33	17.38	17.45	17.37	17.30		
Channel				39700	40100	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.55	22.42	22.63	22.41	22.52	23.50	0
10	QPSK	1	25	22.49	22.43	22.55	22.43	22.42		
10	QPSK	1	49	22.42	22.41	22.48	22.51	22.37		
10	QPSK	25	0	21.40	21.32	21.55	21.44	21.40	22.5	1
10	QPSK	25	12	21.35	21.35	21.33	21.37	21.30		
10	QPSK	25	25	21.31	21.32	21.51	21.45	21.34		
10	QPSK	50	0	21.30	21.25	21.45	21.28	21.36		
10	16QAM	1	0	21.34	21.44	21.46	21.40	21.43	22.5	1
10	16QAM	1	25	21.29	21.16	21.32	21.33	21.20		
10	16QAM	1	49	21.19	21.18	21.20	21.32	21.21		
10	16QAM	25	0	20.36	20.24	20.45	20.27	20.34	21.5	2
10	16QAM	25	12	20.25	20.29	20.33	20.37	20.24		
10	16QAM	25	25	20.26	20.30	20.38	20.36	20.19		
10	16QAM	50	0	20.24	20.26	20.39	20.31	20.30		
10	64QAM	1	0	20.44	20.41	20.60	20.52	20.50	21.5	2
10	64QAM	1	25	20.21	20.29	20.33	20.25	20.26		
10	64QAM	1	49	20.28	20.21	20.34	20.23	20.23		
10	64QAM	25	0	19.33	19.38	19.49	19.29	19.36	20.5	3
10	64QAM	25	12	19.19	19.34	19.33	19.30	19.26		
10	64QAM	25	25	19.29	19.29	19.34	19.38	19.28		
10	64QAM	50	0	19.25	19.40	19.32	19.39	19.24		
10	256QAM	1	0	17.29	17.30	17.34	17.42	17.35	18.5	5
10	256QAM	1	25	17.24	17.35	17.36	17.36	17.25		
10	256QAM	1	49	17.35	17.33	17.44	17.36	17.30		
10	256QAM	25	0	17.41	17.31	17.49	17.38	17.41	18.5	5
10	256QAM	25	12	17.30	17.42	17.40	17.34	17.32		
10	256QAM	25	25	17.24	17.32	17.36	17.38	17.19		
10	256QAM	50	0	17.29	17.39	17.45	17.35	17.29		
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	22.59	22.39	22.61	22.46	22.54	23.50	0
5	QPSK	1	12	22.48	22.49	22.52	22.43	22.44		
5	QPSK	1	24	22.37	22.42	22.44	22.53	22.35		
5	QPSK	12	0	21.40	21.31	21.53	21.44	21.45	22.5	1
5	QPSK	12	7	21.36	21.36	21.33	21.32	21.33		
5	QPSK	12	13	21.29	21.30	21.47	21.44	21.35		
5	QPSK	25	0	21.32	21.25	21.47	21.28	21.35		
5	16QAM	1	0	21.32	21.45	21.47	21.41	21.42	22.5	1
5	16QAM	1	12	21.29	21.13	21.35	21.32	21.22		
5	16QAM	1	24	21.14	21.17	21.20	21.31	21.19		
5	16QAM	12	0	20.36	20.28	20.41	20.27	20.37	21.5	2
5	16QAM	12	7	20.26	20.26	20.31	20.36	20.20		
5	16QAM	12	13	20.24	20.31	20.37	20.39	20.20		
5	16QAM	25	0	20.27	20.29	20.37	20.31	20.26		
5	64QAM	1	0	20.43	20.42	20.56	20.50	20.48	21.5	2
5	64QAM	1	12	20.17	20.29	20.34	20.24	20.27		
5	64QAM	1	24	20.26	20.19	20.40	20.23	20.18		
5	64QAM	12	0	19.35	19.34	19.46	19.29	19.36	20.5	3
5	64QAM	12	7	19.17	19.31	19.35	19.26	19.24		
5	64QAM	12	13	19.29	19.33	19.35	19.41	19.27		
5	64QAM	25	0	19.23	19.36	19.31	19.37	19.22		
5	256QAM	1	0	17.26	17.32	17.36	17.39	17.29	18.5	5
5	256QAM	1	12	17.26	17.36	17.32	17.35	17.28		
5	256QAM	1	24	17.37	17.28	17.43	17.36	17.33		
5	256QAM	12	0	17.40	17.34	17.51	17.41	17.38	18.5	5
5	256QAM	12	7	17.27	17.38	17.38	17.33	17.33		
5	256QAM	12	13	17.24	17.28	17.34	17.36	17.19		
5	256QAM	25	0	17.30	17.35	17.42	17.37	17.31		

Band 42 Ant0 FCC Part27Q 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.95	22.01	21.87	24	0
20	QPSK	1	49	21.74	21.89	21.77		
20	QPSK	1	99	21.89	21.94	21.89		
20	QPSK	50	0	21.03	21.08	20.97	22	2
20	QPSK	50	24	20.86	20.91	20.87		
20	QPSK	50	50	20.91	20.99	20.91		
20	QPSK	100	0	20.90	21.00	20.95		
20	16QAM	1	0	21.06	21.10	21.06	22	2
20	16QAM	1	49	20.84	20.96	20.90		
20	16QAM	1	99	20.91	21.01	20.97		
20	16QAM	50	0	19.93	20.06	19.93	21	3
20	16QAM	50	24	19.92	20.02	19.96		
20	16QAM	50	50	19.80	19.95	19.89		
20	16QAM	100	0	19.99	20.03	19.93		
20	64QAM	1	0	17.89	17.98	17.84	19	5
20	64QAM	1	49	17.80	17.86	17.83		
20	64QAM	1	99	17.84	17.91	17.77		
20	64QAM	50	0	17.95	18.04	17.89	19	5
20	64QAM	50	24	17.88	17.93	17.88		
20	64QAM	50	50	17.73	17.87	17.82		
20	64QAM	100	0	17.86	17.98	17.91		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.76	22.97	22.94	24	0
15	QPSK	1	37	22.82	22.91	22.85		
15	QPSK	1	74	22.73	22.90	22.81		
15	QPSK	36	0	21.92	22.06	21.96	23	1
15	QPSK	36	20	21.85	21.92	21.82		
15	QPSK	36	39	21.73	21.90	21.75		
15	QPSK	75	0	21.72	21.84	21.80		
15	16QAM	1	0	21.85	21.96	21.80	23	1
15	16QAM	1	37	21.59	21.75	21.70		
15	16QAM	1	74	21.76	21.85	21.81		
15	16QAM	36	0	20.99	20.96	20.83	22	2
15	16QAM	36	20	20.74	20.88	20.74		
15	16QAM	36	39	20.86	20.89	20.86		
15	16QAM	75	0	20.78	20.87	20.87		
15	64QAM	1	0	20.96	21.02	20.92	22	2
15	64QAM	1	37	20.75	20.85	20.80		
15	64QAM	1	74	20.85	20.90	20.92		
15	64QAM	36	0	19.82	19.96	19.87	21	3
15	64QAM	36	20	19.79	19.94	19.90		
15	64QAM	36	39	19.75	19.85	19.76		
15	64QAM	75	0	19.84	19.90	19.81		
15	256QAM	1	0	17.77	17.87	17.73	19	5
15	256QAM	1	37	17.66	17.79	17.72		
15	256QAM	1	74	17.73	17.84	17.68		
15	256QAM	36	0	17.91	17.93	17.85	19	5
15	256QAM	36	20	17.81	17.90	17.75		
15	256QAM	36	39	17.67	17.74	17.78		
15	256QAM	75	0	17.71	17.93	17.86		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.70	22.99	22.90	24	0
10	QPSK	1	25	22.75	22.89	22.86		
10	QPSK	1	49	22.81	22.85	22.74		
10	QPSK	25	0	21.86	22.04	21.92	23	1
10	QPSK	25	12	21.86	21.88	21.87		
10	QPSK	25	25	21.80	21.88	21.75		
10	QPSK	50	0	21.70	21.88	21.83		
10	16QAM	1	0	21.90	21.88	21.73	23	1
10	16QAM	1	25	21.61	21.80	21.73		
10	16QAM	1	49	21.78	21.90	21.76		
10	16QAM	25	0	20.95	21.00	20.91	22	2
10	16QAM	25	12	20.82	20.80	20.72		
10	16QAM	25	25	20.79	20.94	20.76		
10	16QAM	50	0	20.76	20.96	20.85		
10	64QAM	1	0	21.00	20.96	21.02	22	2
10	64QAM	1	25	20.74	20.83	20.80		
10	64QAM	1	49	20.81	20.91	20.84		
10	64QAM	25	0	19.81	19.94	19.88	21	3
10	64QAM	25	12	19.85	19.94	19.89		
10	64QAM	25	25	19.70	19.82	19.75		
10	64QAM	50	0	19.88	19.94	19.81		
10	256QAM	1	0	17.79	17.85	17.76	19	5
10	256QAM	1	25	17.75	17.76	17.77		
10	256QAM	1	49	17.77	17.78	17.66		
10	256QAM	25	0	17.83	17.91	17.85	19	5
10	256QAM	25	12	17.74	17.88	17.80		
10	256QAM	25	25	17.66	17.73	17.73		
10	256QAM	50	0	17.82	17.86	17.88		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.81	22.93	22.87	24	0
5	QPSK	1	12	22.78	22.85	22.86		
5	QPSK	1	24	22.78	22.86	22.71		
5	QPSK	12	0	21.93	21.98	21.95	23	1
5	QPSK	12	7	21.87	21.88	21.86		
5	QPSK	12	13	21.74	21.90	21.76		
5	QPSK	25	0	21.74	21.85	21.76		
5	16QAM	1	0	21.86	21.91	21.74	23	1
5	16QAM	1	12	21.66	21.83	21.68		
5	16QAM	1	24	21.75	21.86	21.78		
5	16QAM	12	0	20.93	21.05	20.82	22	2
5	16QAM	12	7	20.77	20.79	20.79		
5	16QAM	12	13	20.78	20.93	20.77		
5	16QAM	25	0	20.81	20.87	20.80		
5	64QAM	1	0	20.97	21.07	21.01	22	2
5	64QAM	1	12

GSM850 Ant1 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	32.25	32.19	32.18	32.50	23.25	23.19	23.18	23.50
GPRS 1 Tx slot	32.22	32.16	32.06	32.50	23.22	23.16	23.06	23.50
GPRS 2 Tx slots	29.13	29.11	28.97	29.50	23.13	23.11	22.97	23.50
GPRS 3 Tx slots	27.15	27.23	26.93	27.50	22.89	22.97	22.67	23.24
GPRS 4 Tx slots	25.98	26.24	26.12	26.50	22.98	23.24	23.12	23.50
EDGE 1 Tx slot	25.91	26.04	25.92	26.50	16.91	17.04	16.92	17.50
EDGE 2 Tx slots	22.85	23.11	22.86	23.50	16.85	17.11	16.86	17.50
EDGE 3 Tx slots	21.21	21.25	21.08	21.50	16.95	16.99	16.82	17.24
EDGE 4 Tx slots	20.32	20.37	20.10	20.50	17.32	17.37	17.10	17.50

WCDMA V Ant1 DSI3

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	23.54	23.50	23.43	24.00
3GPP Rel 99	RMC 12.2Kbps	23.60	23.63	23.45	24.00
3GPP Rel 6	HSDPA Subtest-1	22.48	22.64	22.46	23.00
3GPP Rel 6	HSDPA Subtest-2	22.37	22.61	22.47	23.00
3GPP Rel 6	HSDPA Subtest-3	21.99	22.08	21.90	22.50
3GPP Rel 6	HSDPA Subtest-4	22.10	21.87	22.14	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.48	22.67	22.41	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.34	22.53	22.65	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.87	22.01	21.92	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.22	22.09	21.89	22.50
3GPP Rel 6	HSUPA Subtest-1	22.61	22.70	22.40	23.00
3GPP Rel 6	HSUPA Subtest-2	20.41	20.47	20.45	21.00
3GPP Rel 6	HSUPA Subtest-3	21.41	21.56	21.59	22.00
3GPP Rel 6	HSUPA Subtest-4	20.51	20.62	20.50	21.00
3GPP Rel 6	HSUPA Subtest-5	22.37	22.59	22.42	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.96	20.03	19.90	20.50

Band 5 Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.28	23.32	23.26		
10	QPSK	1	25	23.14	23.17	23.14	24	0
10	QPSK	1	49	23.17	23.21	23.07		
10	QPSK	25	0	23.14	23.26	23.11		
10	QPSK	25	12	23.04	23.16	23.03	24	0
10	QPSK	25	25	23.12	23.23	23.18		
10	QPSK	50	0	22.99	23.16	23.06		
10	16QAM	1	0	23.01	23.20	23.09		
10	16QAM	1	25	23.09	23.07	23.09	24	0
10	16QAM	1	49	23.12	23.22	23.16		
10	16QAM	25	0	22.02	22.14	22.05		
10	16QAM	25	12	21.99	22.09	22.01	23	1
10	16QAM	25	25	21.95	22.07	22.04		
10	16QAM	50	0	21.96	22.07	22.04		
10	64QAM	1	0	22.10	22.13	22.19		
10	64QAM	1	25	22.05	22.12	22.10	23	1
10	64QAM	1	49	22.04	22.15	22.09		
10	64QAM	25	0	20.96	21.18	20.96		
10	64QAM	25	12	21.01	21.04	21.00	22	2
10	64QAM	25	25	21.02	21.05	21.01		
10	64QAM	50	0	20.99	21.07	21.09		
10	256QAM	1	0	19.00	19.03	18.90		
10	256QAM	1	25	18.97	19.02	18.94	20	4
10	256QAM	1	49	18.87	19.02	18.93		
10	256QAM	25	0	18.91	19.11	18.97		
10	256QAM	25	12	18.94	18.98	19.00	20	4
10	256QAM	25	25	18.85	19.10	18.93		
10	256QAM	50	0	18.91	19.03	18.99		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.14	23.19	23.18		
5	QPSK	1	12	23.05	23.10	23.03	24	0
5	QPSK	1	24	23.11	23.10	22.95		
5	QPSK	12	0	23.02	23.18	23.06		
5	QPSK	12	7	22.89	23.03	22.92	24	0
5	QPSK	12	13	23.05	23.19	23.06		
5	QPSK	25	0	22.91	23.04	22.96		
5	16QAM	1	0	22.87	23.15	23.01		
5	16QAM	1	12	23.01	22.97	22.95	24	0
5	16QAM	1	24	23.07	23.08	23.13		
5	16QAM	12	0	21.90	22.05	21.99		
5	16QAM	12	7	21.91	22.03	21.93	23	1
5	16QAM	12	13	21.91	21.96	21.92		
5	16QAM	25	0	21.89	22.02	21.90		
5	64QAM	1	0	21.98	22.07	22.11		
5	64QAM	1	12	22.00	22.05	22.05	23	1
5	64QAM	1	24	21.96	22.03	21.94		
5	64QAM	12	0	20.81	21.14	20.92		
5	64QAM	12	7	20.86	20.89	20.90	22	2
5	64QAM	12	13	20.97	21.00	20.95		
5	64QAM	25	0	20.96	20.98	20.94		
5	256QAM	1	0	18.94	18.92	18.77		
5	256QAM	1	12	18.89	18.89	18.90	20	4
5	256QAM	1	24	18.79	18.94	18.83		
5	256QAM	12	0	18.88	19.02	18.92		
5	256QAM	12	7	18.84	18.86	18.86	20	4
5	256QAM	12	13	18.78	18.98	18.80		
5	256QAM	25	0	18.82	18.95	18.96		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.25	23.29	23.20		
3	QPSK	1	8	23.04	23.13	23.03	24	0
3	QPSK	1	14	23.08	23.15	22.99		
3	QPSK	8	0	23.01	23.22	23.04		
3	QPSK	8	4	23.01	23.05	22.88	24	0
3	QPSK	8	7	23.02	23.15	23.03		
3	QPSK	15	0	22.88	23.10	22.94		
3	16QAM	1	0	22.94	23.15	23.00		
3	16QAM	1	8	22.98	23.01	22.95	24	0
3	16QAM	1	14	23.06	23.13	23.02		
3	16QAM	8	0	21.99	22.05	22.00		
3	16QAM	8	4	21.92	22.06	21.93	23	1
3	16QAM	8	7	21.81	22.01	21.96		
3	16QAM	15	0	21.91	22.03	21.94		
3	64QAM	1	0	22.04	22.09	22.11		
3	64QAM	1	8	22.02	22.06	21.97	23	1
3	64QAM	1	14	21.91	22.05	22.04		
3	64QAM	8	0	20.88	21.03	20.83		
3	64QAM	8	4	20.90	20.97	20.92	22	2
3	64QAM	8	7	20.88	20.97	20.91		
3	64QAM	15	0	20.90	20.99	20.96		
3	256QAM	1	0	18.96	18.97	18.82		
3	256QAM	1	8	18.90	18.93	18.91	20	4
3	256QAM	1	14	18.80	18.91	18.82		
3	256QAM	8	0	18.81	19.00	18.92		
3	256QAM	8	4	18.84	18.87	18.91	20	4
3	256QAM	8	7	18.77	19.04	18.83		
3	256QAM	15	0	18.77	18.92	18.87		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.19	23.18	23.20		
1.4	QPSK	1	3	23.01	23.10	23.07	24	0
1.4	QPSK	1	5	23.08	23.16	22.97		
1.4	QPSK	3	0	23.01	23.14	23.03		
1.4	QPSK	3	1	22.92	23.01	22.98		
1.4	QPSK	3	3	22.99	23.14	23.08		
1.4	QPSK	6	0	22.86	23.12	23.03	24	0
1.4	16QAM	1	0	22.94	23.05	23.00		
1.4	16QAM	1	3	22.96	23.04	23.05	24	0
1.4	16QAM	1	5	23.00	23.09	23.03		
1.4	16QAM	3	0	22.95	23.06	22.90		
1.4	16QAM	3	1	22.85	22.98	22.88		
1.4	16QAM	3	3	22.86	22.98	22.98		
1.4	16QAM	6	0	21.85	22.01	21.97	23	1
1.4	64QAM	1	0	21.98	22.05	22.11		
1.4	64QAM	1	3	21.93	21.98	21.96		
1.4	64QAM	1	5	21.92	22.06	21.98	23	1
1.4	64QAM	3	0	21.83	22.15	21.87		
1.4	64QAM	3	1	21.86	22.01	21.88		
1.4	64QAM	3	3	21.95	21.92	21.94		
1.4	64QAM	6	0	20.88	20.94	21.01	22	2
1.4	256QAM	1	0	18.89	18.94	18.81		
1.4	256QAM	1	3	18.85	18.89	18.84		
1.4	256QAM	1	5	18.74	18.99	18.87	20	4
1.4	256QAM	3	0	18.86	19.04	18.92		
1.4	256QAM	3	1	18.86	18.92	18.85		
1.4	256QAM	3	3	18.82	19.06	18.88		
1.4	256QAM	6	0	18.86	18.94	18.89	20	4

Band 12 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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.27	24.31	24.24		
10	QPSK	1	25	24.13	24.24	24.20	25.5	0
10	QPSK	1	49	24.13	24.26	24.13		
10	QPSK	25	0	23.15	23.27	23.09		
10	QPSK	25	12	23.15	23.19	23.18	24.5	1
10	QPSK	25	25	23.15	23.12	23.08		
10	QPSK	50	0	23.02	23.22	23.07		
10	16QAM	1	0	23.25	23.39	23.32		
10	16QAM	1	25	23.18	23.24	23.21	24.5	1
10	16QAM	1	49	23.14	23.28	23.17		
10	16QAM	25	0	22.18	22.32	22.14		
10	16QAM	25	12	22.20	22.23	22.13	23.5	2
10	16QAM	25	25	22.11	22.18	22.14		
10	16QAM	50	0	22.13	22.27	22.20		
10	64QAM	1	0	22.27	22.30	22.30		
10	64QAM	1	25	22.11	22.17	22.16	23.5	2
10	64QAM	1	49	22.07	22.24	22.18		
10	64QAM	25	0	21.09	21.26	21.14		
10	64QAM	25	12	21.05	21.14	21.09	22.5	3
10	64QAM	25	25	21.07	21.17	21.19		
10	64QAM	50	0	21.05	21.22	21.08		
10	256QAM	1	0	19.10	19.17	19.19		
10	256QAM	1	25	19.12	19.18	19.23	20.5	5
10	256QAM	1	49	19.13	19.19	19.24		
10	256QAM	25	0	19.17	19.31	19.17		
10	256QAM	25	12	19.11	19.18	19.15	20.5	5
10	256QAM	25	25	19.15	19.27	19.18		
10	256QAM	50	0	19.09	19.18	19.16		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.16	24.17	24.09		
5	QPSK	1	12	24.00	24.11	24.07	25.5	0
5	QPSK	1	24	24.02	24.20	24.08		
5	QPSK	12	0	23.09	23.24	22.95		
5	QPSK	12	7	23.03	23.14	23.15	24.5	1
5	QPSK	12	13	23.08	22.99	22.96		
5	QPSK	25	0	22.87	23.13	22.93		
5	16QAM	1	0	23.19	23.35	23.17		
5	16QAM	1	12	23.03	23.19	23.16	24.5	1
5	16QAM	1	24	23.02	23.18	23.06		
5	16QAM	12	0	22.07	22.27	22.05		
5	16QAM	12	7	22.11	22.13	22.02	23.5	2
5	16QAM	12	13	22.03	22.14	22.05		
5	16QAM	25	0	22.01	22.16	22.15		
5	64QAM	1	0	22.13	22.24	22.22		
5	64QAM	1	12	22.06	22.02	22.09	23.5	2
5	64QAM	1	24	21.99	22.13	22.11		
5	64QAM	12	0	21.02	21.17	21.07		
5	64QAM	12	7	20.99	21.05	20.96	22.5	3
5	64QAM	12	13	21.03	21.14	21.06		
5	64QAM	25	0	21.01	21.10	20.93		
5	256QAM	1	0	18.96	19.11	19.14		
5	256QAM	1	12	19.08	19.03	19.16	20.5	5
5	256QAM	1	24	19.08	19.08	19.21		
5	256QAM	12	0	19.11	19.21	19.06		
5	256QAM	12	7	18.99	19.13	19.03	20.5	5
5	256QAM	12	13	19.07	19.21	19.14		
5	256QAM	25	0	19.02	19.09	19.10		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.14	24.22	24.10		
3	QPSK	1	8	24.04	24.14	24.12	25.5	0
3	QPSK	1	14	23.98	24.20	24.04		
3	QPSK	8	0	23.02	23.20	23.05		
3	QPSK	8	4	23.02	23.12	23.06	24.5	1
3	QPSK	8	7	23.02	23.01	22.94		
3	QPSK	15	0	22.93	23.16	22.95		
3	16QAM	1	0	23.19	23.29	23.19		
3	16QAM	1	8	23.07	23.18	23.11	24.5	1
3	16QAM	1	14	23.06	23.17	23.07		
3	16QAM	8	0	22.14	22.22	22.01		
3	16QAM	8	4	22.10	22.15	22.01	23.5	2
3	16QAM	8	7	22.00	22.14	22.02		
3	16QAM	15	0	22.08	22.16	22.15		
3	64QAM	1	0	22.12	22.24	22.17		
3	64QAM	1	8	22.06	22.11	22.10	23.5	2
3	64QAM	1	14	21.97	22.16	22.12		
3	64QAM	8	0	21.02	21.20	20.99		
3	64QAM	8	4	20.95	21.09	20.99	22.5	3
3	64QAM	8	7	21.03	21.03	21.13		
3	64QAM	15	0	21.01	21.09	21.03		
3	256QAM	1	0	18.98	19.12	19.10		
3	256QAM	1	8	19.03	19.07	19.09	20.5	5
3	256QAM	1	14	19.07	19.14	19.10		
3	256QAM	8	0	19.11	19.19	19.11		
3	256QAM	8	4	19.03	19.14	19.03	20.5	5
3	256QAM	8	7	19.06	19.24	19.09		
3	256QAM	15	0	18.94	19.08	19.03		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.19	24.16	24.17		
1.4	QPSK	1	3	24.08	24.18	24.13	25.5	0
1.4	QPSK	1	5	23.99	24.22	23.99		
1.4	QPSK	3	0	24.01	24.23	23.96		
1.4	QPSK	3	1	24.00	24.09	24.08		
1.4	QPSK	3	3	24.01	24.00	24.05		
1.4	QPSK	6	0	22.88	23.09	22.92	24.5	1
1.4	16QAM	1	0	23.15	23.24	23.28		
1.4	16QAM	1	3	23.03	23.10	23.12	24.5	1
1.4	16QAM	1	5	23.05	23.19	23.08		
1.4	16QAM	3	0	23.13	23.27	23.02		
1.4	16QAM	3	1	23.12	23.20	23.05		
1.4	16QAM	3	3	23.05	23.10	23.02		
1.4	16QAM	6	0	21.99	22.21	22.11	23.5	2
1.4	64QAM	1	0	22.18	22.26	22.19		
1.4	64QAM	1	3	22.02	22.11	22.13	23.5	2
1.4	64QAM	1	5	21.93	22.16	22.10		
1.4	64QAM	3	0	22.04	22.15	22.07		
1.4	64QAM	3	1	21.92	22.05	21.97		
1.4	64QAM	3	3	21.97	22.10	22.10		
1.4	64QAM	6	0	20.99	21.11	20.94	22.5	3
1.4	256QAM	1	0	19.00	19.03	19.16		
1.4	256QAM	1	3	19.07	19.13	19.11	20.5	5
1.4	256QAM	1	5	18.99	19.15	19.10		
1.4	256QAM	3	0	19.03	19.17	19.05		
1.4	256QAM	3	1	19.01	19.15	19.09		
1.4	256QAM	3	3	19.12	19.20	19.10		
1.4	256QAM	6	0	19.02	19.15	19.06	20.5	5

Band 13 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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.28			
10	QPSK	1	25		23.24		24.5	0
10	QPSK	1	49		23.18			
10	QPSK	25	0		22.33			
10	QPSK	25	12		22.26		23.5	1
10	QPSK	25	25		22.21			
10	QPSK	50	0		22.31			
10	16QAM	1	0		22.37			
10	16QAM	1	25		22.35		23.5	1
10	16QAM	1	49		22.27			
10	16QAM	25	0		21.34			
10	16QAM	25	12		21.20		22.5	2
10	16QAM	25	25		21.22			
10	16QAM	50	0		21.21			
10	64QAM	1	0		21.22			
10	64QAM	1	25		21.22		22.5	2
10	64QAM	1	49		21.20			
10	64QAM	25	0		20.29			
10	64QAM	25	12		20.16		21.5	3
10	64QAM	25	25		20.25			
10	64QAM	50	0		20.25			
10	256QAM	1	0		18.23			
10	256QAM	1	25		18.27		19.5	5
10	256QAM	1	49		18.29			
10	256QAM	25	0		18.37			
10	256QAM	25	12		18.33		19.5	5
10	256QAM	25	25		18.25			
10	256QAM	50	0		18.34			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.16	23.19	23.18		
5	QPSK	1	12	22.99	23.16	23.12	24.5	0
5	QPSK	1	24	23.02	23.10	23.00		
5	QPSK	12	0	22.19	22.24	22.13		
5	QPSK	12	7	22.10	22.11	22.18	23.5	1
5	QPSK	12	13	22.02	22.14	22.03		
5	QPSK	25	0	22.15	22.22	22.09		
5	16QAM	1	0	22.18	22.31	22.20		
5	16QAM	1	12	22.20	22.20	22.21	23.5	1
5	16QAM	1	24	22.13	22.14	22.15		
5	16QAM	12	0	21.16	21.30	21.20		
5	16QAM	12	7	21.11	21.16	21.00	22.5	2
5	16QAM	12	13	21.03	21.11	20.99		
5	16QAM	25	0	21.06	21.08	21.04		
5	64QAM	1	0	21.06	21.18	21.01		
5	64QAM	1	12	21.00	21.13	21.05	22.5	2
5	64QAM	1	24	20.94	21.16	21.06		
5	64QAM	12	0	20.20	20.19	20.15		
5	64QAM	12	7	19.89	20.01	19.98	21.5	3
5	64QAM	12	13	20.11	20.16	20.12		
5	64QAM	25	0	19.97	20.11	20.12		
5	256QAM	1	0	18.05	18.16	17.98		
5	256QAM	1	12	18.14	18.14	18.10	19.5	5
5	256QAM	1	24	18.04	18.17	18.13		
5	256QAM	12	0	18.27	18.28	18.20		
5	256QAM	12	7	18.15	18.25	18.13	19.5	5
5	256QAM	12	13	18.08	18.17	18.10		
5	256QAM	25	0	18.11	18.22	18.14		

Band 17 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.12	24.26	24.23	25	0
10	QPSK	1	25	24.10	24.16	24.07		
10	QPSK	1	49	24.07	24.21	24.12		
10	QPSK	25	0	23.04	23.22	23.05	24	1
10	QPSK	25	12	23.06	23.14	23.06		
10	QPSK	25	25	23.04	23.16	23.07		
10	QPSK	50	0	22.98	23.11	23.04		
10	16QAM	1	0	23.12	23.14	23.20	24	1
10	16QAM	1	25	23.07	23.15	23.04		
10	16QAM	1	49	23.03	23.10	23.10		
10	16QAM	25	0	21.95	22.16	22.06	23	2
10	16QAM	25	12	21.96	22.10	22.06		
10	16QAM	25	25	21.97	22.06	22.03		
10	16QAM	50	0	21.97	22.01	22.04		
10	64QAM	1	0	22.13	22.26	22.17	23	2
10	64QAM	1	25	22.05	22.12	22.11		
10	64QAM	1	49	22.03	22.11	22.13		
10	64QAM	25	0	21.07	21.21	21.02	22	3
10	64QAM	25	12	21.09	21.17	21.02		
10	64QAM	25	25	21.00	21.13	21.04		
10	64QAM	50	0	21.04	21.09	21.08		
10	256QAM	1	0	18.97	19.09	19.09	20	5
10	256QAM	1	25	18.97	19.14	18.99		
10	256QAM	1	49	18.98	19.12	19.07		
10	256QAM	25	0	18.95	19.17	19.00	20	5
10	256QAM	25	12	19.00	19.07	18.99		
10	256QAM	25	25	19.02	19.12	19.09		
10	256QAM	50	0	18.94	19.04	19.06		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.05	24.18	24.17	25	0
5	QPSK	1	12	24.07	24.04	23.94		
5	QPSK	1	24	23.98	24.06	24.03		
5	QPSK	12	0	22.96	23.18	22.94	24	1
5	QPSK	12	7	22.97	23.02	22.92		
5	QPSK	12	13	22.92	23.05	22.95		
5	QPSK	25	0	22.88	22.97	22.92		
5	16QAM	1	0	22.98	23.02	23.12	24	1
5	16QAM	1	12	23.02	23.11	22.95		
5	16QAM	1	24	22.97	23.00	23.01		
5	16QAM	12	0	21.83	22.03	21.98	23	2
5	16QAM	12	7	21.93	22.05	21.97		
5	16QAM	12	13	21.92	21.99	21.91		
5	16QAM	25	0	21.83	21.96	21.89		
5	64QAM	1	0	22.00	22.19	22.06	23	2
5	64QAM	1	12	22.01	22.00	22.06		
5	64QAM	1	24	21.98	22.07	22.01		
5	64QAM	12	0	20.97	21.11	20.92	22	3
5	64QAM	12	7	21.04	21.11	20.97		
5	64QAM	12	13	20.95	20.99	20.95		
5	64QAM	25	0	20.90	21.03	21.03		
5	256QAM	1	0	18.90	19.01	19.05	20	5
5	256QAM	1	12	18.90	19.04	18.85		
5	256QAM	1	24	18.85	19.00	19.00		
5	256QAM	12	0	18.84	19.07	18.92	20	5
5	256QAM	12	7	18.95	18.97	18.85		
5	256QAM	12	13	18.94	19.07	19.05		
5	256QAM	25	0	18.89	18.96	18.92		

Band 26 Ant1 for FCC 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	24.18	24.25	24.07	25.7	0
15	QPSK	1	37	24.04	24.15	24.07		
15	QPSK	1	74	24.12	24.14	24.12		
15	QPSK	36	0	23.07	23.24	23.08	24.7	1
15	QPSK	36	20	23.07	23.12	23.08		
15	QPSK	36	39	23.10	23.17	23.08		
15	QPSK	75	0	23.01	23.18	23.05		
15	16QAM	1	0	23.23	23.25	23.28	24.7	1
15	16QAM	1	37	23.08	23.19	23.09		
15	16QAM	1	74	23.04	23.21	23.05		
15	16QAM	36	0	22.04	22.25	22.17	23.7	2
15	16QAM	36	20	22.03	22.12	22.11		
15	16QAM	36	39	22.04	22.12	22.10		
15	16QAM	75	0	22.04	22.16	22.10		
15	64QAM	1	0	22.16	22.29	22.24	23.7	2
15	64QAM	1	37	22.03	22.14	22.10		
15	64QAM	1	74	22.08	22.11	22.08		
15	64QAM	36	0	21.01	21.21	21.05	22.7	3
15	64QAM	36	20	21.03	21.11	21.10		
15	64QAM	36	39	21.10	21.12	21.05		
15	64QAM	75	0	21.01	21.12	21.07		
15	256QAM	1	0	19.10	19.15	19.15	20.7	5
15	256QAM	1	37	19.09	19.20	19.12		
15	256QAM	1	74	19.14	19.11	19.08		
15	256QAM	36	0	19.05	19.25	19.13	20.7	5
15	256QAM	36	20	19.08	19.20	19.12		
15	256QAM	36	39	19.10	19.17	19.16		
15	256QAM	75	0	19.07	19.12	19.08		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.05	24.21	24.00	25.7	0
10	QPSK	1	25	23.91	24.09	23.99		
10	QPSK	1	49	24.08	24.03	23.98		
10	QPSK	25	0	22.96	23.14	23.02	24.7	1
10	QPSK	25	12	22.98	22.99	22.93		
10	QPSK	25	25	23.00	23.04	22.98		
10	QPSK	50	0	22.88	23.06	22.96		
10	16QAM	1	0	23.16	23.21	23.24	24.7	1
10	16QAM	1	25	23.04	23.12	23.06		
10	16QAM	1	49	22.90	23.08	22.90		
10	16QAM	25	0	21.94	22.11	22.05	23.7	2
10	16QAM	25	12	21.97	21.99	22.01		
10	16QAM	25	25	21.99	22.03	21.99		
10	16QAM	50	0	21.91	22.13	22.04		
10	64QAM	1	0	22.02	22.15	22.13	23.7	2
10	64QAM	1	25	21.92	22.02	21.96		
10	64QAM	1	49	22.03	22.01	21.99		
10	64QAM	25	0	20.97	21.18	20.96	22.7	3
10	64QAM	25	12	20.97	21.03	21.01		
10	64QAM	25	25	21.00	21.09	20.95		
10	64QAM	50	0	20.89	21.01	20.97		
10	256QAM	1	0	19.07	19.08	19.09	20.7	5
10	256QAM	1	25	18.97	19.05	19.01		
10	256QAM	1	49	19.10	19.03	18.96		
10	256QAM	25	0	18.93	19.21	19.04	20.7	5
10	256QAM	25	12	19.01	19.12	19.03		
10	256QAM	25	25	19.06	19.04	19.05		
10	256QAM	50	0	19.03	18.99	19.03		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.06	24.21	23.96	25.7	0
5	QPSK	1	12	23.90	24.06	23.96		
5	QPSK	1	24	24.05	24.05	23.97		
5	QPSK	12	0	22.93	23.15	23.00	24.7	1
5	QPSK	12	7	22.92	23.03	23.01		
5	QPSK	12	13	23.01	23.10	23.02		
5	QPSK	25	0	22.93	23.13	22.93		
5	16QAM	1	0	23.10	23.17	23.17	24.7	1
5	16QAM	1	12	23.01	23.15	22.94		
5	16QAM	1	24	22.95	23.13	23.01		
5	16QAM	12	0	21.92	22.19	22.14	23.7	2
5	16QAM	12	7	21.91	22.00	22.03		
5	16QAM	12	13	21.95	21.98	22.06		
5	16QAM	25	0	21.94	22.11	22.02		
5	64QAM	1	0	22.04	22.26	22.19	23.7	2
5	64QAM	1	12	21.94	22.11	22.06		
5	64QAM	1	24	22.01	22.07	21.97		
5	64QAM	12	0	20.92	21.13	21.01	22.7	3
5	64QAM	12	7	20.99	21.06	21.07		
5	64QAM	12	13	20.97	21.00	20.97		
5	64QAM	25	0	20.90	21.01	21.00		
5	256QAM	1	0	19.02	19.02	19.08	20.7	5
5	256QAM	1	12	18.99	19.14	19.01		
5	256QAM	1	24	19.11	19.07	18.96		
5	256QAM	12	0	18.97	19.18	19.04	20.7	5
5	256QAM	12	7	19.01	19.14	18.98		
5	256QAM	12	13	19.07	19.11	19.04		
5	256QAM	25	0	19.00	19.00	19.00		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.07	24.16	24.01	25.7	0
3	QPSK	1	8	24.01	24.04	23.98		
3	QPSK	1	14	24.08	24.09	24.06		
3	QPSK	8	0	23.01	23.13	22.95	24.7	1
3	QPSK	8	4	22.94	23.08	23.03		
3	QPSK	8	7	23.00	23.10	22.97		
3	QPSK	15	0	22.93	23.07	22.96		
3	16QAM	1	0	23.15	23.19	23.22	24.7	1
3	16QAM	1	8	23.03	23.06	23.04		
3	16QAM	1	14	23.00	23.06	22.91		
3	16QAM	8	0	21.90	22.16	22.09	23.7	2
3	16QAM	8	4	21.99	22.08	22.07		
3	16QAM	8	7	21.93	22.03	22.06		
3	16QAM	15	0	21.97	22.10	22.01		
3	64QAM	1	0	22.02	22.17	22.15	23.7	2
3	64QAM	1	8	21.93	22.06	21.96		
3	64QAM	1	14	21.94	22.05	21.94		
3	64QAM	8	0	20.92	21.16	20.93	22.7	3
3	64QAM	8	4	20.95	20.98	20.96		
3	64QAM	8	7	21.03	20.99	20.95		
3	64QAM	15	0	20.90	21.08	20.95		
3	256QAM	1	0	18.99	19.01	19.10	20.7	5
3	256QAM	1	8	19.00	19.08	19.00		
3	256QAM	1	14	19.09	19.07	18.99		
3	256QAM	8	0	19.00	19.13	19.05	20.7	5
3	256QAM	8	4	19.04	19.09	18.99		
3	256QAM	8	7	19.03	19.11	19.05		
3	256QAM	15	0	19.04	19.01	19.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.13	24.21	23.93	25.7	0
1.4	QPSK	1	3	23.94	24.10	23.95		
1.4	QPSK	1	5	24.01	24.03	24.05		
1.4	QPSK	3	0	23.93	24.20	24.00		
1.4	QPSK	3	1	24.04	23.98	24.05		
1.4	QPSK	3	3	24.04	24.10	23.93		
1.4	QPSK	6	0	22.97	23.05	22.96	24.7	1
1.4	16QAM	1	0	23.18	23.17	23.19	24.7	1
1.4	16QAM	1	3	23.03	23.05	22.98		
1.4	16QAM	1	5	22.92	23.11	22.98		
1.4	16QAM	3	0	22.90	23.12	23.03		
1.4	16QAM	3	1	22.97	23.07	23.01		
1.4	16QAM	3	3	22.90	23.09	22.97		
1.4	16QAM	6	0	21.92	22.05	22.00	23.7	2
1.4	64QAM	1	0	22.10	22.22	22.16	23.7	2
1.4	64QAM	1	3	21.93	22.04	21.98		
1.4	64QAM	1	5	22.01	22.07	22.03		
1.4	64QAM	3	0	21.90	22.09	21.96		
1.4	64QAM	3	1	21.97	22.00	22.03		
1.4	64QAM	3	3	21.99	22.07	22.00		
1.4	64QAM	6	0	20.96	21.00	20.97	22.7	3
1.4	256QAM	1	0	18.96	19.08	19.05	20.7	5
1.4	256QAM	1	3	19.03	19.16	18.98		
1.4	256QAM	1	5	19.08	19.04	18.98		
1.4	256QAM	3	0	18.94	19.13	19.04		
1.4	256QAM	3	1	18.99	19.10	19.03		
1.4	256QAM	3	3	19.01	19.02	19.10		
1.4	256QAM	6	0	18.99	18.97	18.93	20.7	5

GSM1900 Ant3 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	29.88	30.11	30.12	31.00	20.88	21.11	21.12	22.00
GPRS 1 Tx slot	29.84	30.01	30.03	31.00	20.84	21.01	21.03	22.00
GPRS 2 Tx slots	26.71	26.64	26.68	27.50	20.71	20.64	20.68	21.50
GPRS 3 Tx slots	24.54	24.61	24.42	25.50	20.28	20.35	20.16	21.24
GPRS 4 Tx slots	23.88	24.09	24.13	24.50	20.88	21.09	21.13	21.50
EDGE 1 Tx slot	25.37	25.42	25.56	27.00	16.37	16.42	16.56	18.00
EDGE 2 Tx slots	22.21	22.28	22.30	24.00	16.21	16.28	16.30	18.00
EDGE 3 Tx slots	20.12	20.31	20.15	22.00	15.86	16.05	15.89	17.74
EDGE 4 Tx slots	19.44	19.54	19.20	21.00	16.44	16.54	16.20	18.00

WCDMA II Ant3 Default

WCDMA IV Ant3 Default

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.68	24.77	24.71	25.50	24.69	24.75	24.64	25.50
3GPP Rel 99	RMC 12.2Kbps	24.81	24.88	24.74	25.50	24.80	24.88	24.82	25.50
3GPP Rel 6	HSDPA Subtest-1	23.60	23.80	23.70	24.50	23.53	23.91	23.78	24.50
3GPP Rel 6	HSDPA Subtest-2	23.60	23.89	23.72	24.50	23.65	23.72	23.77	24.50
3GPP Rel 6	HSDPA Subtest-3	23.14	23.41	23.27	24.00	23.15	23.26	23.18	24.00
3GPP Rel 6	HSDPA Subtest-4	23.20	23.32	23.26	24.00	23.12	23.37	23.14	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.62	23.84	23.74	24.50	23.63	23.82	23.68	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.68	23.89	23.72	24.50	23.72	23.86	23.72	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	23.05	23.26	23.20	24.00	23.05	23.33	23.23	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	23.12	23.33	23.33	24.00	23.17	23.33	23.26	24.00
3GPP Rel 6	HSUPA Subtest-1	23.66	23.86	23.81	24.50	23.53	23.80	23.70	24.50
3GPP Rel 6	HSUPA Subtest-2	21.72	21.85	21.70	22.50	21.60	21.78	21.78	22.50
3GPP Rel 6	HSUPA Subtest-3	22.66	22.91	22.74	23.50	22.61	22.78	22.67	23.50
3GPP Rel 6	HSUPA Subtest-4	21.55	21.89	21.68	22.50	21.59	21.87	21.68	22.50
3GPP Rel 6	HSUPA Subtest-5	23.58	23.70	23.57	24.50	23.56	23.68	23.61	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.04	21.30	21.21	22.00	21.04	21.19	21.10	22.00

Band 2 Ant3 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	24.58	24.64	24.50	25.5	0
20	QPSK	1	49	24.49	24.57	24.56		
20	QPSK	1	99	24.45	24.53	24.45		
20	QPSK	50	0	23.48	23.69	23.58		
20	QPSK	50	24	23.54	23.56	23.53	24.5	1
20	QPSK	50	50	23.53	23.60	23.54		
20	QPSK	100	0	23.53	23.69	23.51		
20	16QAM	1	0	23.66	23.77	23.67		
20	16QAM	1	49	23.56	23.68	23.57	24.5	1
20	16QAM	1	99	23.52	23.57	23.58		
20	16QAM	50	0	22.54	24.53	22.59		
20	16QAM	50	24	22.49	22.57	22.63	23.5	2
20	16QAM	50	50	22.59	22.64	22.55		
20	16QAM	100	0	22.54	22.59	22.54		
20	64QAM	1	0	22.59	22.68	22.63		
20	64QAM	1	49	22.58	22.67	22.58	23.5	2
20	64QAM	1	99	22.57	22.58	22.63		
20	64QAM	50	0	21.58	21.70	21.51		
20	64QAM	50	24	21.53	21.57	21.61	22.5	3
20	64QAM	50	50	21.54	21.60	21.51		
20	64QAM	100	0	21.59	21.62	21.62		
20	256QAM	1	0	19.60	19.66	19.63		
20	256QAM	1	49	19.58	19.65	19.66	20.5	5
20	256QAM	1	99	19.60	19.70	19.63		
20	256QAM	50	0	19.57	19.73	19.60		
20	256QAM	50	24	19.60	19.65	19.63	20.5	5
20	256QAM	50	50	19.61	19.66	19.63		
20	256QAM	100	0	19.53	19.65	19.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.48	24.56	24.37	25.5	0
15	QPSK	1	37	24.45	24.51	24.42		
15	QPSK	1	74	24.32	24.40	24.50		
15	QPSK	36	0	23.37	23.59	23.52		
15	QPSK	36	20	23.47	23.45	23.44	24.5	1
15	QPSK	36	39	23.47	23.56	23.39		
15	QPSK	75	0	23.47	23.54	23.38		
15	16QAM	1	0	23.54	23.66	23.60		
15	16QAM	1	37	23.48	23.59	23.46	24.5	1
15	16QAM	1	74	23.39	23.58	23.55		
15	16QAM	36	0	22.44	22.58	22.44		
15	16QAM	36	20	22.45	22.51	22.52	23.5	2
15	16QAM	36	39	22.44	22.53	22.42		
15	16QAM	75	0	22.42	22.45	22.46		
15	64QAM	1	0	22.47	22.62	22.60		
15	64QAM	1	37	22.55	22.63	22.45	23.5	2
15	64QAM	1	74	22.49	22.45	22.55		
15	64QAM	36	0	21.46	21.66	21.43		
15	64QAM	36	20	21.39	21.50	21.46	22.5	3
15	64QAM	36	39	21.49	21.50	21.43		
15	64QAM	75	0	21.49	21.58	21.50		
15	256QAM	1	0	19.53	19.58	19.56		
15	256QAM	1	37	19.44	19.58	19.55	20.5	5
15	256QAM	1	74	19.56	19.59	19.58		
15	256QAM	36	0	19.47	19.66	19.49		
15	256QAM	36	20	19.51	19.61	19.51	20.5	5
15	256QAM	36	39	19.49	19.63	19.60		
15	256QAM	75	0	19.43	19.61	19.50		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.54	24.40	24.52	25.5	0
10	QPSK	1	25	24.40	24.42	24.52		
10	QPSK	1	49	24.36	24.43	24.45		
10	QPSK	25	0	23.41	23.57	23.53		
10	QPSK	25	12	23.51	23.48	23.42	24.5	1
10	QPSK	25	25	23.46	23.48	23.46		
10	QPSK	50	0	23.40	23.53	23.38		
10	16QAM	1	0	23.62	23.68	23.53		
10	16QAM	1	25	23.47	23.53	23.47	24.5	1
10	16QAM	1	49	23.40	23.43	23.49		
10	16QAM	25	0	22.49	22.64	22.46		
10	16QAM	25	12	22.37	22.51	22.56	23.5	2
10	16QAM	25	25	22.47	22.50	22.47		
10	16QAM	50	0	22.48	22.50	22.48		
10	64QAM	1	0	22.56	22.64	22.50		
10	64QAM	1	25	22.48	22.61	22.45	23.5	2
10	64QAM	1	49	22.46	22.47	22.55		
10	64QAM	25	0	21.47	21.57	21.44		
10	64QAM	25	12	21.45	21.48	21.54	22.5	3
10	64QAM	25	25	21.41	21.49	21.42		
10	64QAM	50	0	21.47	21.53	21.52		
10	256QAM	1	0	19.62	19.68	19.57		
10	256QAM	1	25	19.50	19.58	19.59	20.5	5
10	256QAM	1	49	19.50	19.63	19.51		
10	256QAM	25	0	19.48	19.66	19.53		
10	256QAM	25	12	19.50	19.51	19.57	20.5	5
10	256QAM	25	25	19.49	19.55	19.54		
10	256QAM	50	0	19.40	19.58	19.44		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.54	24.52	24.42	25.5	0
5	QPSK	1	12	24.39	24.43	24.43		
5	QPSK	1	24	24.41	24.47	24.45		
5	QPSK	12	0	23.38	23.62	23.46		
5	QPSK	12	7	23.46	23.41	23.48	24.5	1
5	QPSK	12	13	23.39	23.55	23.48		
5	QPSK	25	0	23.44	23.55	23.47		
5	16QAM	1	0	23.53	23.73	23.63		
5	16QAM	1	12	23.50	23.62	23.47	24.5	1
5	16QAM	1	24	23.45	23.45	23.50		
5	16QAM	12	0	22.44	22.60	22.46		
5	16QAM	12	7	22.36	22.48	22.57	23.5	2
5	16QAM	12	13	22.46	22.50	22.42		
5	16QAM	25	0	22.42	22.50	22.42		
5	64QAM	1	0	22.45	22.56	22.48		
5	64QAM	1	12	22.45	22.61	22.48	23.5	2
5	64QAM	1	24	22.30	22.54	22.49		
5	64QAM	12	0	21.50	21.65	21.43		
5	64QAM	12	7	21.49	21.50	21.54	22.5	3
5	64QAM	12	13	21.49	21.56	21.45		
5	64QAM	25	0	21.54	21.55	21.55		
5	256QAM	1	0	19.53	19.58	19.53		
5	256QAM	1	12	19.44	19.57	19.61	20.5	5
5	256QAM	1	24	19.56	19.57	19.58		
5	256QAM	12	0	19.47	19.55	19.55		
5	256QAM	12	7	19.47	19.51	19.55	20.5	5
5	256QAM	12	13	19.50	19.64	19.51		
5	256QAM	25	0	19.40	19.52	19.45		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.52	24.59	24.39	25.5	0
3	QPSK	1	8	24.38	24.43	24.49		
3	QPSK	1	14	24.39	24.43	24.50		
3	QPSK	8	0	23.38	23.66	23.54		
3	QPSK	8	4	23.41	23.45	23.44	24.5	1
3	QPSK	8	7	23.45	23.53	23.48		
3	QPSK	15	0	23.49	23.53	23.47		
3	16QAM	1	0	23.63	23.71	23.62		
3	16QAM	1	8	23.49	23.61	23.43	24.5	1
3	16QAM	1	14	23.46	23.44	23.51		
3	16QAM	8	0	22.43	22.65	22.46		
3	16QAM	8	4	22.37	22.48	22.48	23.5	2
3	16QAM	8	7	22.47	22.59	22.49		
3	16QAM	15	0	22.48	22.53	22.47		
3	64QAM	1	0	22.48	22.60	22.51		
3	64QAM	1	8	22.46	22.48	22.49	23.5	2
3	64QAM	1	14	22.50	22.52	22.58		
3	64QAM	8	0	21.54	21.65	21.47		
3	64QAM	8	4	21.39	21.48	21.47	22.5	3
3	64QAM	8	7	21.45	21.53	21.44		
3	64QAM	15	0	21.56	21.49	21.56		
3	256QAM	1	0	19.50	19.56	19.57		
3	256QAM	1	8	19.44	19.61	19.54	20.5	5
3	256QAM	1	14	19.56	19.66	19.60		
3	256QAM	8	0	19.49	19.65	19.57		
3	256QAM	8	4	19.54	19.58	19.56	20.5	5
3	256QAM	8	7	19.48	19.54	19.51		
3	256QAM	15	0	19.39	19.56	19.49		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.50	24.53	24.40	25.5	0
1.4	QPSK	1	3	24.43	24.52	24.45		
1.4	QPSK	1	5	24.31	24.44	24.41		
1.4	QPSK	3	0	24.43	24.56	24.51		
1.4	QPSK	3	1	24.42	24.49	24.42		
1.4	QPSK	3	3	24.42	24.54	24.48		
1.4	QPSK	6	0	23.49	23.53	23.41	24.5	1
1.4	16QAM	1	0	23.51	23.64	23.53	24.5	1
1.4	16QAM	1	3	23.44	23.61	23.51		
1.4	16QAM	1	5	23.39	23.51	23.45		
1.4	16QAM	3	0	23.51	23.59	23.52		
1.4	16QAM	3	1	23.40	23.50	23.51		
1.4	16QAM	3	3	23.49	23.52	23.45		
1.4	16QAM	6	0	22.44	22.50	22.41	23.5	2
1.4	64QAM	1	0	22.55	22.63	22.58	23.5	2
1.4	64QAM	1	3	22.49	22.54	22.44		
1.4	64QAM	1	5	22.53	22.54	22.53		
1.4	64QAM	3	0	22.54	22.66	22.43		
1.4	64QAM	3	1	22.60	22.45	22.52		
1.4	64QAM	3	3	22.42	22.51	22.44		
1.4	64QAM	6	0	21.47	21.51	21.53	22.5	3
1.4	256QAM	1	0	19.50	19.57	19.51	20.5	5
1.4	256QAM	1	3	19.47	19.55	19.57		
1.4	256QAM	1	5	19.55	19.64	19.60		
1.4	256QAM	3	0	19.43	19.69	19.49		
1.4	256QAM	3	1	19.51	19.56	19.49		
1.4	256QAM	3	3	19.50	19.60	19.51		
1.4	256QAM	6	0	19.48	19.57	19.55	20.5	5

Band 4 Ant3 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.61	24.68	24.61	25.5	0
20	QPSK	1	49	24.56	24.54	24.59		
20	QPSK	1	99	24.54	24.68	24.61		
20	QPSK	50	0	23.42	23.64	23.53		
20	QPSK	50	24	23.45	23.56	23.49	24.5	1
20	QPSK	50	50	23.50	23.50	23.56		
20	QPSK	100	0	23.45	23.62	23.49		
20	16QAM	1	0	23.65	23.69	23.71		
20	16QAM	1	49	23.56	23.66	23.57	24.5	1
20	16QAM	1	99	23.50	23.59	23.61		
20	16QAM	50	0	22.57	22.68	24.61		
20	16QAM	50	24	22.48	22.62	22.57	23.5	2
20	16QAM	50	50	22.54	22.53	22.61		
20	16QAM	100	0	22.46	22.57	22.51		
20	64QAM	1	0	22.52	22.69	22.49		
20	64QAM	1	49	22.45	22.61	22.47	23.5	2
20	64QAM	1	99	22.52	22.58	22.51		
20	64QAM	50	0	21.43	21.63	21.44		
20	64QAM	50	24	21.42	21.51	21.53	22.5	3
20	64QAM	50	50	21.46	21.54	21.48		
20	64QAM	100	0	21.49	21.60	21.46		
20	256QAM	1	0	19.43	19.52	19.43		
20	256QAM	1	49	19.43	19.50	19.43	20.5	5
20	256QAM	1	99	19.46	19.56	19.50		
20	256QAM	50	0	19.49	19.61	19.43		
20	256QAM	50	24	19.39	19.55	19.45	20.5	5
20	256QAM	50	50	19.39	19.47	19.54		
20	256QAM	100	0	19.41	19.52	19.46		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.46	24.64	24.54	25.5	0
15	QPSK	1	37	24.44	24.43	24.52		
15	QPSK	1	74	24.47	24.59	24.57		
15	QPSK	36	0	23.30	23.50	23.47		
15	QPSK	36	20	23.42	23.48	23.44	24.5	1
15	QPSK	36	39	23.46	23.53	23.36		
15	QPSK	75	0	23.41	23.58	23.35		
15	16QAM	1	0	23.56	23.62	23.66		
15	16QAM	1	37	23.52	23.59	23.44	24.5	1
15	16QAM	1	74	23.39	23.52	23.56		
15	16QAM	36	0	22.49	22.64	22.54		
15	16QAM	36	20	22.45	22.58	22.49	23.5	2
15	16QAM	36	39	22.49	22.50	22.49		
15	16QAM	75	0	22.37	22.44	22.66		
15	64QAM	1	0	22.37	22.57	22.50		
15	64QAM	1	37	22.37	22.48	22.43	23.5	2
15	64QAM	1	74	22.40	22.51	22.37		
15	64QAM	36	0	21.30	21.59	21.31		
15	64QAM	36	20	21.31	21.48	21.46	22.5	3
15	64QAM	36	39	21.34	21.45	21.33		
15	64QAM	75	0	21.44	21.56	21.38		
15	256QAM	1	0	19.35	19.38	19.30		
15	256QAM	1	37	19.29	19.37	19.33	20.5	5
15	256QAM	1	74	19.32	19.47	19.40		
15	256QAM	36	0	19.42	19.56	19.29		
15	256QAM	36	20	19.28	19.42	19.38	20.5	5
15	256QAM	36	39	19.33	19.39	19.50		
15	256QAM	75	0	19.33	19.37	19.39		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.51	24.62	24.51	25.5	0
10	QPSK	1	25	24.44	24.41	24.44		
10	QPSK	1	49	24.48	24.59	24.51		
10	QPSK	25	0	23.28	23.54	23.50		
10	QPSK	25	12	23.38	23.51	23.39	24.5	1
10	QPSK	25	25	23.47	23.45	23.42		
10	QPSK	50	0	23.40	23.48	23.45		
10	16QAM	1	0	23.60	23.64	23.65		
10	16QAM	1	25	23.51	23.52	23.51	24.5	1
10	16QAM	1	49	23.45	23.49	23.49		
10	16QAM	25	0	22.44	22.63	22.43		
10	16QAM	25	12	22.37	22.53	22.51	23.5	2
10	16QAM	25	25	22.42	22.39	22.52		
10	16QAM	50	0	22.42	22.54	22.48		
10	64QAM	1	0	22.47	22.61	22.53		
10	64QAM	1	25	22.38	22.49	22.44	23.5	2
10	64QAM	1	49	22.48	22.45	22.44		
10	64QAM	25	0	21.34	21.54	21.57		
10	64QAM	25	12	21.27	21.48	21.43	22.5	3
10	64QAM	25	25	21.34	21.41	21.33		
10	64QAM	50	0	21.38	21.45	21.34		
10	256QAM	1	0	19.29	19.43	19.34		
10	256QAM	1	25	19.33	19.46	19.29	20.5	5
10	256QAM	1	49	19.36	19.44	19.47		
10	256QAM	25	0	19.38	19.53	19.31		
10	256QAM	25	12	19.31	19.39	19.36	20.5	5
10	256QAM	25	25	19.34	19.32	19.47		
10	256QAM	50	0	19.32	19.41	19.42		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.47	24.60	24.52	25.5	0
5	QPSK	1	12	24.42	24.42	24.50		
5	QPSK	1	24	24.49	24.60	24.56		
5	QPSK	12	0	23.37	23.58	23.39		
5	QPSK	12	7	23.41	23.43	23.44	24.5	1
5	QPSK	12	13	23.40	23.40	23.41		
5	QPSK	25	0	23.35	23.51	23.42		
5	16QAM	1	0	23.53	23.60	23.59		
5	16QAM	1	12	23.50	23.61	23.56	24.5	1
5	16QAM	1	24	23.47	23.49	23.49		
5	16QAM	12	0	22.50	22.59	22.43		
5	16QAM	12	7	22.43	22.56	22.47	23.5	2
5	16QAM	12	13	22.43	22.50	22.46		
5	16QAM	25	0	22.34	22.51	22.42		
5	64QAM	1	0	22.43	22.62	22.46		
5	64QAM	1	12	22.39	22.51	22.41	23.5	2
5	64QAM	1	24	22.47	22.39	22.47		
5	64QAM	12	0	21.37	21.58	21.38		
5	64QAM	12	7	21.39	21.40	21.48	22.5	3
5	64QAM	12	13	21.36	21.45	21.44		
5	64QAM	25	0	21.45	21.46	21.37		
5	256QAM	1	0	19.39	19.45	19.31		
5	256QAM	1	12	19.31	19.41	19.37	20.5	5
5	256QAM	1	24	19.40	19.51	19.44		
5	256QAM	12	0	19.34	19.50	19.28		
5	256QAM	12	7	19.25	19.44	19.40	20.5	5
5	256QAM	12	13	19.28	19.43	19.47		
5	256QAM	25	0	19.28	19.48	19.36		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.48	24.64	24.50	25.5	0
3	QPSK	1	8	24.43	24.51	24.53		
3	QPSK	1	14	24.50	24.57	24.48		
3	QPSK	8	0	23.38	23.55	23.41		
3	QPSK	8	4	23.38	23.42	23.42	24.5	1
3	QPSK	8	7	23.38	23.40	23.51		
3	QPSK	15	0	23.37	23.58	23.43		
3	16QAM	1	0	23.56	23.62	23.60		
3	16QAM	1	8	23.48	23.60	23.47	24.5	1
3	16QAM	1	14	23.45	23.51	23.58		
3	16QAM	8	0	22.48	22.60	22.44		
3	16QAM	8	4	22.44	22.54	22.51	23.5	2
3	16QAM	8	7	22.44	22.44	22.52		
3	16QAM	15	0	22.34	22.49	22.46		
3	64QAM	1	0	22.40	22.55	22.44		
3	64QAM	1	8	22.31	22.47	22.38	23.5	2
3	64QAM	1	14	22.42	22.49	22.47		
3	64QAM	8	0	21.34	21.55	21.31		
3	64QAM	8	4	21.29	21.44	21.48	22.5	3
3	64QAM	8	7	21.37	21.46	21.40		
3	64QAM	15	0	21.43	21.46	21.34		
3	256QAM	1	0	19.36	19.43	19.28		
3	256QAM	1	8	19.38	19.45	19.39	20.5	5
3	256QAM	1	14	19.42	19.52	19.45		
3	256QAM	8	0	19.35	19.58	19.28		
3	256QAM	8	4	19.26	19.51	19.36	20.5	5
3	256QAM	8	7	19.36	19.43	19.47		
3	256QAM	15	0	19.29	19.46	19.37		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.54	24.60	24.51	25.5	0
1.4	QPSK	1	3	24.43	24.48	24.44		
1.4	QPSK	1	5	24.48	24.51	24.33		
1.4	QPSK	3	0	24.32	24.58	24.39		
1.4	QPSK	3	1	24.42	24.44	24.40		
1.4	QPSK	3	3	24.41	24.39	24.43		
1.4	QPSK	6	0	23.40	23.53	23.43	24.5	1
1.4	16QAM	1	0	23.51	23.60	23.62	24.5	1
1.4	16QAM	1	3	23.47	23.56	23.51		
1.4	16QAM	1	5	23.43	23.45	23.46		
1.4	16QAM	3	0	23.48	23.58	23.49		
1.4	16QAM	3	1	23.40	23.54	23.49		
1.4	16QAM	3	3	23.49	23.48	23.50		
1.4	16QAM	6	0	22.42	22.52	22.42	23.5	2
1.4	64QAM	1	0	22.41	22.62	22.47	23.5	2
1.4	64QAM	1	3	22.39	22.48	22.36		
1.4	64QAM	1	5	22.46	22.48	22.47		
1.4	64QAM	3	0	22.34	22.52	22.29		
1.4	64QAM	3	1	22.34	22.40	22.50		
1.4	64QAM	3	3	22.41	22.44	22.41		
1.4	64QAM	6	0	21.42	21.52	21.41	22.5	3
1.4	256QAM	1	0	19.28	19.48	19.34	20.5	5
1.4	256QAM	1	3	19.38	19.35	19.34		
1.4	256QAM	1	5	19.33	19.48	19.37		
1.4	256QAM	3	0	19.45	19.51	19.31		
1.4	256QAM	3	1	19.26	19.46	19.31		
1.4	256QAM	3	3	19.24	19.43	19.48		
1.4	256QAM	6	0	19.33	19.39	19.41	20.5	5

Band 7 Ant3 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	24.78	24.91	24.81	25.5	0
20	QPSK	1	49	24.71	24.88	24.82		
20	QPSK	1	99	24.72	24.89	24.82		
20	QPSK	50	0	23.74	23.89	23.71		
20	QPSK	50	24	23.73	23.77	23.71	24.5	1
20	QPSK	50	50	23.74	23.78	23.80		
20	QPSK	100	0	23.70	23.87	23.72		
20	16QAM	1	0	23.80	23.81	23.76		
20	16QAM	1	49	23.70	23.70	23.66	24.5	1
20	16QAM	1	99

Band 38 Ant3 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.62	24.69	24.64	25.5	0
20	QPSK	1	49	24.50	24.61	24.62		
20	QPSK	1	99	24.47	24.64	24.52		
20	QPSK	50	0	23.53	23.66	23.48	24.5	1
20	QPSK	50	24	23.52	23.59	23.55		
20	QPSK	50	50	23.50	23.52	23.54		
20	QPSK	100	0	23.56	23.69	23.62		
20	16QAM	1	0	23.54	23.65	23.66	24.5	1
20	16QAM	1	49	23.50	23.60	23.50		
20	16QAM	1	99	23.46	23.53	23.53		
20	16QAM	50	0	22.45	22.64	22.51	23.5	2
20	16QAM	50	24	22.49	22.50	22.56		
20	16QAM	50	50	22.45	22.59	22.47		
20	16QAM	100	0	22.52	22.59	22.56		
20	64QAM	1	0	22.60	22.62	22.63	23.5	2
20	64QAM	1	49	22.50	22.58	22.51		
20	64QAM	1	99	22.49	22.61	22.55		
20	64QAM	50	0	21.47	21.66	21.51	22.5	3
20	64QAM	50	24	21.52	21.51	21.55		
20	64QAM	50	50	21.47	21.56	21.57		
20	64QAM	100	0	21.44	21.60	21.58		
20	256QAM	1	0	19.44	19.58	19.50	20.5	5
20	256QAM	1	49	19.44	19.55	19.48		
20	256QAM	1	99	19.42	19.53	19.55		
20	256QAM	50	0	19.51	19.63	19.49	20.5	5
20	256QAM	50	24	19.40	19.54	19.45		
20	256QAM	50	50	19.49	19.55	19.56		
20	256QAM	100	0	19.42	19.51	19.55		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.52	24.60	24.56	25.5	0
15	QPSK	1	37	24.38	24.58	24.51		
15	QPSK	1	74	24.34	24.50	24.47		
15	QPSK	36	0	23.39	23.52	23.35	24.5	1
15	QPSK	36	20	23.38	23.51	23.49		
15	QPSK	36	39	23.36	23.43	23.46		
15	QPSK	75	0	23.49	23.56	23.57		
15	16QAM	1	0	23.48	23.62	23.57	24.5	1
15	16QAM	1	37	23.40	23.50	23.38		
15	16QAM	1	74	23.35	23.43	23.46		
15	16QAM	36	0	22.34	22.59	22.42	23.5	2
15	16QAM	36	20	22.40	22.41	22.51		
15	16QAM	36	39	22.38	22.48	22.36		
15	16QAM	75	0	22.40	22.53	22.44		
15	64QAM	1	0	22.52	22.57	22.54	23.5	2
15	64QAM	1	37	22.42	22.47	22.40		
15	64QAM	1	74	22.43	22.57	22.41		
15	64QAM	36	0	21.35	21.58	21.46	22.5	3
15	64QAM	36	20	21.40	21.41	21.51		
15	64QAM	36	39	21.41	21.46	21.53		
15	64QAM	75	0	21.30	21.48	21.53		
15	256QAM	1	0	19.37	19.49	19.39	20.5	5
15	256QAM	1	37	19.30	19.52	19.37		
15	256QAM	1	74	19.28	19.38	19.44		
15	256QAM	36	0	19.43	19.58	19.39	20.5	5
15	256QAM	36	20	19.26	19.45	19.32		
15	256QAM	36	39	19.35	19.43	19.45		
15	256QAM	75	0	19.35	19.42	19.44		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.55	24.59	24.60	25.5	0
10	QPSK	1	25	24.45	24.50	24.56		
10	QPSK	1	49	24.36	24.54	24.39		
10	QPSK	25	0	23.48	23.55	23.34	24.5	1
10	QPSK	25	12	23.45	23.46	23.44		
10	QPSK	25	25	23.37	23.42	23.43		
10	QPSK	50	0	23.49	23.57	23.55		
10	16QAM	1	0	23.41	23.52	23.61	24.5	1
10	16QAM	1	25	23.36	23.52	23.40		
10	16QAM	1	49	23.38	23.40	23.39		
10	16QAM	25	0	22.35	22.49	22.48	23.5	2
10	16QAM	25	12	22.39	22.40	22.46		
10	16QAM	25	25	22.40	22.49	22.41		
10	16QAM	50	0	22.41	22.53	22.49		
10	64QAM	1	0	22.56	22.55	22.48	23.5	2
10	64QAM	1	25	22.45	22.48	22.47		
10	64QAM	1	49	22.39	22.54	22.51		
10	64QAM	25	0	21.38	21.55	21.38	22.5	3
10	64QAM	25	12	21.49	21.39	21.44		
10	64QAM	25	25	21.33	21.50	21.54		
10	64QAM	50	0	21.40	21.55	21.55		
10	256QAM	1	0	19.31	19.54	19.44	20.5	5
10	256QAM	1	25	19.32	19.41	19.38		
10	256QAM	1	49	19.39	19.50	19.43		
10	256QAM	25	0	19.37	19.52	19.37	20.5	5
10	256QAM	25	12	19.36	19.45	19.39		
10	256QAM	25	25	19.44	19.41	19.43		
10	256QAM	50	0	19.36	19.47	19.51		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.53	24.65	24.57	25.5	0
5	QPSK	1	12	24.46	24.57	24.50		
5	QPSK	1	24	24.34	24.58	24.48		
5	QPSK	12	0	23.46	23.57	23.42	24.5	1
5	QPSK	12	7	23.42	23.48	23.48		
5	QPSK	12	13	23.47	23.38	23.41		
5	QPSK	25	0	23.51	23.59	23.47		
5	16QAM	1	0	23.50	23.53	23.54	24.5	1
5	16QAM	1	12	23.38	23.47	23.38		
5	16QAM	1	24	23.40	23.39	23.43		
5	16QAM	12	0	22.34	22.50	22.43	23.5	2
5	16QAM	12	7	22.43	22.36	22.53		
5	16QAM	12	13	22.38	22.52	22.35		
5	16QAM	25	0	22.43	22.53	22.43		
5	64QAM	1	0	22.55	22.58	22.51	23.5	2
5	64QAM	1	12	22.44	22.43	22.36		
5	64QAM	1	24	22.45	22.57	22.42		
5	64QAM	12	0	21.35	21.62	21.40	22.5	3
5	64QAM	12	7	21.44	21.36	21.44		
5	64QAM	12	13	21.42	21.49	21.48		
5	64QAM	25	0	21.40	21.49	21.53		
5	256QAM	1	0	19.32	19.48	19.42	20.5	5
5	256QAM	1	12	19.41	19.48	19.40		
5	256QAM	1	24	19.39	19.40	19.40		
5	256QAM	12	0	19.39	19.54	19.44	20.5	5
5	256QAM	12	7	19.33	19.49	19.31		
5	256QAM	12	13	19.41	19.41	19.47		
5	256QAM	25	0	19.38	19.47	19.46		

Band 41 Ant3 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	24.71	24.60	24.81	24.74	24.75	25.5	0
20	QPSK	1	49	24.60	24.68	24.74	24.64	24.62		
20	QPSK	1	99	24.72	24.58	24.77	24.64	24.64		
20	QPSK	50	0	23.75	23.64	23.79	23.69	23.70	24.5	1
20	QPSK	50	24	23.63	23.66	23.68	23.68	23.53		
20	QPSK	50	50	23.64	23.63	23.73	23.62	23.58		
20	QPSK	100	0	23.60	23.51	23.73	23.56	23.69		
20	16QAM	1	0	23.71	23.63	23.75	23.67	23.64	24.5	1
20	16QAM	1	49	23.54	23.58	23.61	23.58	23.56		
20	16QAM	1	99	23.57	23.63	23.63	23.62	23.52		
20	16QAM	50	0	22.68	22.56	22.76	22.68	22.67	23.5	2
20	16QAM	50	24	22.55	22.60	22.61	22.66	22.58		
20	16QAM	50	50	22.54	22.57	22.65	22.69	22.56		
20	16QAM	100	0	22.62	22.58	22.70	22.62	22.56		
20	64QAM	1	0	22.62	22.61	22.77	22.65	22.63	23.5	2
20	64QAM	1	49	22.64	22.54	22.72	22.57	22.64		
20	64QAM	1	99	22.59	22.57	22.66	22.60	22.60		
20	64QAM	50	0	21.68	21.62	21.77	21.68	21.62	22.5	3
20	64QAM	50	24	21.52	21.58	21.65	21.59	21.61		
20	64QAM	50	50	21.61	21.64	21.68	21.60	21.59		
20	64QAM	100	0	21.59	21.62	21.69	21.58	21.65		
20	256QAM	1	0	19.57	19.53	19.65	19.65	19.55	20.5	5
20	256QAM	1	49	19.52	19.60	19.65	19.56	19.61		
20	256QAM	1	99	19.49	19.57	19.63	19.55	19.53		
20	256QAM	50	0	19.67	19.55	19.73	19.58	19.65	20.5	5
20	256QAM	50	24	19.64	19.61	19.68	19.54	19.62		
20	256QAM	50	50	19.49	19.52	19.63	19.59	19.58		
20	256QAM	100	0	19.56	19.52	19.70	19.59	19.63		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.68	24.47	24.71	24.59	24.69	25.50	0
15	QPSK	1	37	24.48	24.64	24.68	24.50	24.58		
15	QPSK	1	74	24.63	24.46	24.67	24.53	24.59		
15	QPSK	36	0	23.63	23.56	23.72	23.59	23.64	24.5	1
15	QPSK	36	20	23.55	23.55	23.65	23.55	23.49		
15	QPSK	36	39	23.55	23.51	23.65	23.47	23.48		
15	QPSK	75	0	23.53	23.39	23.69	23.46	23.63		
15	16QAM	1	0	23.64	23.51	23.71	23.58	23.57	24.5	1
15	16QAM	1	37	23.42	23.51	23.46	23.45	23.52		
15	16QAM	1	74	23.53	23.58	23.49	23.52	23.40		
15	16QAM	36	0	22.64	22.50	22.66	22.65	22.61	23.5	2
15	16QAM	36	20	22.46	22.51	22.49	22.52	22.48		
15	16QAM	36	39	22.44	22.47	22.53	22.63	22.53		
15	16QAM	75	0	22.49	22.43	22.65	22.57	22.46		
15	64QAM	1	0	22.54	22.51	22.66	22.60	22.48	23.5	2
15	64QAM	1	37	22.52	22.47	22.63	22.49	22.54		
15	64QAM	1	74	22.55	22.44	22.62	22.57	22.51		
15	64QAM	36	0	21.54	21.54	21.63	21.55	21.57	22.5	3
15	64QAM	36	20	21.38	21.48	21.61	21.53	21.51		
15	64QAM	36	39	21.58	21.57	21.63	21.56	21.54		
15	64QAM	75	0	21.52	21.58	21.64	21.53	21.59		
15	256QAM	1	0	19.49	19.46	19.55	19.60	19.52	20.5	5
15	256QAM	1	37	19.42	19.46	19.50	19.49	19.58		
15	256QAM	1	74	19.44	19.49	19.54	19.48	19.47		
15	256QAM	36	0	19.55	19.47	19.65	19.45	19.53	20.5	5
15	256QAM	36	20	19.49	19.51	19.55	19.48	19.58		
15	256QAM	36	39	19.36	19.38	19.57	19.54	19.54		
15	256QAM	75	0	19.49	19.44	19.61	19.52	19.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.57	24.55	24.76	24.68	24.69	25.50	0
10	QPSK	1	25	24.52	24.56	24.63	24.49	24.52		
10	QPSK	1	49	24.60	24.49	24.69	24.51	24.59		
10	QPSK	25	0	23.62	23.57	23.74	23.62	23.63	24.5	1
10	QPSK	25	12	23.49	23.61	23.62	23.53	23.43		
10	QPSK	25	25	23.56	23.55	23.67	23.58	23.46		
10	QPSK	50	0	23.56	23.42	23.68	23.42	23.60		
10	16QAM	1	0	23.62	23.57	23.65	23.58	23.49	24.5	1
10	16QAM	1	25	23.41	23.50	23.49	23.48	23.46		
10	16QAM	1	49	23.51	23.53	23.54	23.53	23.42		
10	16QAM	25	0	22.56	22.51	22.63	22.64	22.61	23.5	2
10	16QAM	25	12	22.49	22.57	22.53	22.55	22.44		
10	16QAM	25	25	22.43	22.44	22.57	22.58	22.53		
10	16QAM	50	0	22.51	22.52	22.57	22.48	22.41		
10	64QAM	1	0	22.53	22.57	22.68	22.55	22.53	23.5	2
10	64QAM	1	25	22.60	22.42	22.61	22.52	22.55		
10	64QAM	1	49	22.44	22.46	22.55	22.52	22.46		
10	64QAM	25	0	21.63	21.52	21.74	21.65	21.51	22.5	3
10	64QAM	25	12	21.44	21.52	21.50	21.53	21.47		
10	64QAM	25	25	21.48	21.55	21.54	21.49	21.45		
10	64QAM	50	0	21.47	21.56	21.63	21.50	21.60		
10	256QAM	1	0	19.46	19.48	19.57	19.57	19.47	20.5	5
10	256QAM	1	25	19.46	19.49	19.56	19.43	19.51		
10	256QAM	1	49	19.42	19.52	19.53	19.42	19.45		
10	256QAM	25	0	19.55	19.48	19.59	19.46	19.54	20.5	5
10	256QAM	25	12	19.54	19.47	19.65	19.44	19.59		
10	256QAM	25	25	19.43	19.41	19.54	19.48	19.44		
10	256QAM	50	0	19.43	19.43	19.57	19.52	19.59		
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	24.67	24.46	24.68	24.60	24.61	25.50	0
5	QPSK	1	12	24.56	24.57	24.66	24.52	24.53		
5	QPSK	1	24	24.67	24.46	24.68	24.61	24.58		
5	QPSK	12	0	23.64	23.51	23.66	23.61	23.66	24.5	1
5	QPSK	12	7	23.54	23.60	23.63	23.56	23.49		
5	QPSK	12	13	23.51	23.57	23.69	23.51	23.54		
5	QPSK	25	0	23.50	23.41	23.68	23.52	23.61		
5	16QAM	1	0	23.67	23.58	23.67	23.54	23.49	24.5	1
5	16QAM	1	12	23.40	23.47	23.52	23.43	23.49		
5	16QAM	1	24	23.45	23.50	23.48	23.48	23.45		
5	16QAM	12	0	22.53	22.45	22.68	22.62	22.53	23.5	2
5	16QAM	12	7	22.47	22.48	22.50	22.58	22.52		
5	16QAM	12	13	22.39	22.47	22.59	22.55	22.42		
5	16QAM	25	0	22.53	22.50	22.61	22.50	22.50		
5	64QAM	1	0	22.51	22.56	22.72	22.58	22.50	23.5	2
5	64QAM	1	12	22.57	22.39	22.66	22.49	22.53		
5	64QAM	1	24	22.50	22.43	22.58	22.54	22.49		
5	64QAM	12	0	21.62	21.49	21.63	21.60	21.48	22.5	3
5	64QAM	12	7	21.45	21.45	21.57	21.52	21.56		
5	64QAM	12	13	21.48	21.53	21.62	21.50	21.46		
5	64QAM	25	0	21.46	21.56	21.58	21.47	21.52		
5	256QAM	1	0	19.52	19.43	19.57	19.61	19.46	20.5	5
5	256QAM	1	12	19.49	19.56	19.51	19.49	19.49		
5	256QAM	1	24	19.39	19.44	19.56	19.49	19.41		
5	256QAM	12	0	19.61	19.48	19.62	19.51	19.58	20.5	5
5	256QAM	12	7	19.58	19.51	19.60	19.43	19.51		
5	256QAM	12	13	19.43	19.49	19.53	19.53	19.53		
5	256QAM	25	0	19.51	19.41	19.62	19.55	19.53		

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	23.47	23.56	23.44	25	0
20	QPSK	1	49	23.39	23.41	23.45		
20	QPSK	1	99	23.39	23.48	23.39		
20	QPSK	50	0	22.41	22.63	22.52		
20	QPSK	50	24	22.43	22.51	22.44	24	1
20	QPSK	50	50	22.43	22.56	22.51		
20	QPSK	100	0	22.44	22.61	22.46		
20	16QAM	1	0	22.57	22.62	22.56		
20	16QAM	1	49	22.41	22.47	22.41	24	1
20	16QAM	1	99	22.38	22.43	22.43		
20	16QAM	50	0	21.39	21.58	21.49		
20	16QAM	50	24	21.43	21.44	21.41	23	2
20	16QAM	50	50	21.42	21.44	21.42		
20	16QAM	100	0	21.44	21.48	21.43		
20	64QAM	1	0	21.58	21.71	21.66		
20	64QAM	1	49	21.47	21.51	21.43	23	2
20	64QAM	1	99	21.44	21.56	21.47		
20	64QAM	50	0	20.46	20.62	20.54		
20	64QAM	50	24	20.40	20.47	20.50	22	3
20	64QAM	50	50	20.48	20.57	20.48		
20	64QAM	100	0	20.47	20.57	20.52		
20	256QAM	1	0	18.38	18.45	18.46		
20	256QAM	1	49	18.40	18.56	18.52	20	5
20	256QAM	1	99	18.43	18.49	18.42		
20	256QAM	50	0	18.47	18.59	18.50		
20	256QAM	50	24	18.43	18.48	18.52	20	5
20	256QAM	50	50	18.47	18.44	18.50		
20	256QAM	100	0	18.43	18.52	18.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.40	23.43	23.39	25	0
15	QPSK	1	37	23.36	23.31	23.36		
15	QPSK	1	74	23.30	23.43	23.35		
15	QPSK	36	0	22.38	22.55	22.41		
15	QPSK	36	20	22.37	22.45	22.38	24	1
15	QPSK	36	39	22.34	22.45	22.41		
15	QPSK	75	0	22.38	22.47	22.35		
15	16QAM	1	0	22.45	22.49	22.48		
15	16QAM	1	37	22.27	22.43	22.29	24	1
15	16QAM	1	74	22.32	22.30	22.36		
15	16QAM	36	0	21.28	21.47	21.44		
15	16QAM	36	20	21.38	21.33	21.30	23	2
15	16QAM	36	39	21.33	21.32	21.37		
15	16QAM	75	0	21.32	21.35	21.39		
15	64QAM	1	0	21.50	21.62	21.58		
15	64QAM	1	37	21.44	21.43	21.32	23	2
15	64QAM	1	74	21.32	21.51	21.38		
15	64QAM	36	0	20.37	20.51	20.45		
15	64QAM	36	20	20.31	20.36	20.37	22	3
15	64QAM	36	39	20.34	20.44	20.44		
15	64QAM	75	0	20.38	20.51	20.46		
15	256QAM	1	0	18.35	18.41	18.34		
15	256QAM	1	37	18.36	18.47	18.45	20	5
15	256QAM	1	74	18.28	18.43	18.37		
15	256QAM	36	0	18.44	18.48	18.40		
15	256QAM	36	20	18.33	18.38	18.44	20	5
15	256QAM	36	39	18.40	18.38	18.36		
15	256QAM	75	0	18.35	18.45	18.28		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.37	23.44	23.33	25	0
10	QPSK	1	25	23.27	23.37	23.31		
10	QPSK	1	49	23.33	23.41	23.35		
10	QPSK	25	0	22.27	22.52	22.45		
10	QPSK	25	12	22.40	22.36	22.40	24	1
10	QPSK	25	25	22.36	22.37	22.42		
10	QPSK	50	0	22.31	22.52	22.37		
10	16QAM	1	0	22.45	22.52	22.47		
10	16QAM	1	25	22.30	22.40	22.36	24	1
10	16QAM	1	49	22.24	22.29	22.32		
10	16QAM	25	0	21.33	21.50	21.38		
10	16QAM	25	12	21.30	21.35	21.33	23	2
10	16QAM	25	25	21.28	21.31	21.36		
10	16QAM	50	0	21.41	21.41	21.37		
10	64QAM	1	0	21.45	21.65	21.60		
10	64QAM	1	25	21.34	21.45	21.39	23	2
10	64QAM	1	49	21.31	21.42	21.43		
10	64QAM	25	0	20.33	20.49	20.41		
10	64QAM	25	12	20.30	20.33	20.43	22	3
10	64QAM	25	25	20.44	20.52	20.36		
10	64QAM	50	0	20.35	20.49	20.47		
10	256QAM	1	0	18.23	18.42	18.40		
10	256QAM	1	25	18.34	18.49	18.46	20	5
10	256QAM	1	49	18.30	18.36	18.27		
10	256QAM	25	0	18.42	18.45	18.36		
10	256QAM	25	12	18.28	18.41	18.47	20	5
10	256QAM	25	25	18.39	18.37	18.42		
10	256QAM	50	0	18.37	18.46	18.38		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.34	23.49	23.36	25	0
5	QPSK	1	12	23.32	23.31	23.34		
5	QPSK	1	24	23.31	23.36	23.28		
5	QPSK	12	0	22.38	22.48	22.46	24	1
5	QPSK	12	7	22.39	22.46	22.29		
5	QPSK	12	13	22.29	22.45	22.43		
5	QPSK	25	0	22.31	22.49	22.34		
5	16QAM	1	0	22.52	22.55	22.51	24	1
5	16QAM	1	12	22.35	22.42	22.33		
5	16QAM	1	24	22.26	22.32	22.29		
5	16QAM	12	0	21.35	21.52	21.36	23	2
5	16QAM	12	7	21.34	21.38	21.31		
5	16QAM	12	13	21.34	21.35	21.34		
5	16QAM	25	0	21.32	21.40	21.36		
5	64QAM	1	0	21.47	21.63	21.56	23	2
5	64QAM	1	12	21.32	21.40	21.33		
5	64QAM	1	24	21.32	21.41	21.42		
5	64QAM	12	0	20.32	20.53	20.44	22	3
5	64QAM	12	7	20.28	20.42	20.39		
5	64QAM	12	13	20.37	20.54	20.39		
5	64QAM	25	0	20.40	20.47	20.41		
5	256QAM	1	0	18.28	18.37	18.43		
5	256QAM	1	12	18.33	18.45	18.44	20	5
5	256QAM	1	24	18.36	18.42	18.28		
5	256QAM	12	0	18.39	18.36	18.42	20	5
5	256QAM	12	7	18.30	18.45	18.37		
5	256QAM	12	13	18.35	18.33	18.36		
5	256QAM	25	0	18.30	18.45	18.34		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.42	23.44	23.34	25	0
3	QPSK	1	8	23.27	23.33	23.40		
3	QPSK	1	14	23.35	23.42	23.26		
3	QPSK	8	0	22.30	22.51	22.41	24	1
3	QPSK	8	4	22.47	22.47	22.30		
3	QPSK	8	7	22.31	22.46	22.39		
3	QPSK	15	0	22.31	22.53	22.41		
3	16QAM	1	0	22.45	22.49	22.43	24	1
3	16QAM	1	8	22.27	22.41	22.27		
3	16QAM	1	14	22.25	22.29	22.26		
3	16QAM	8	0	21.32	21.45	21.41	23	2
3	16QAM	8	4	21.37	21.36	21.33		
3	16QAM	8	7	21.29	21.40	21.33		
3	16QAM	15	0	21.31	21.36	21.31		
3	64QAM	1	0	21.52	21.61	21.58	23	2
3	64QAM	1	8	21.42	21.45	21.37		
3	64QAM	1	14	21.38	21.48	21.43		
3	64QAM	8	0	20.32	20.51	20.46	22	3
3	64QAM	8	4	20.32	20.40	20.37		
3	64QAM	8	7	20.37	20.46	20.44		
3	64QAM	15	0	20.39	20.52	20.45		
3	256QAM	1	0	18.33	18.41	18.34	20	5
3	256QAM	1	8	18.34	18.46	18.47		
3	256QAM	1	14	18.33	18.37	18.37		
3	256QAM	8	0	18.36	18.50	18.36		
3	256QAM	8	4	18.28	18.40	18.38	20	5
3	256QAM	8	7	18.44	18.30	18.46		
3	256QAM	15	0	18.39	18.49	18.37		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.39	23.51	23.40	25	0
1.4	QPSK	1	3	23.25	23.31	23.32		
1.4	QPSK	1	5	23.31	23.40	23.26		
1.4	QPSK	3	0	23.27	23.51	23.41		
1.4	QPSK	3	1	23.38	23.48	23.33		
1.4	QPSK	3	3	23.40	23.41	23.43		
1.4	QPSK	6	0	22.30	22.54	22.36	24	1
1.4	16QAM	1	0	22.50	22.48	22.43		
1.4	16QAM	1	3	22.32	22.41	22.38		
1.4	16QAM	1	5	22.30	22.32	22.30	24	1
1.4	16QAM	3	0	22.33	22.48	22.44		
1.4	16QAM	3	1	22.33	22.37	22.29		
1.4	16QAM	3	3	22.36	22.40	22.34		
1.4	16QAM	6	0	21.30	21.41	21.38	23	2
1.4	64QAM	1	0	21.49	21.59	21.55		
1.4	64QAM	1	3	21.40	21.46	21.38		
1.4	64QAM	1	5	21.39	21.45	21.38	23	2
1.4	64QAM	3	0	21.34	21.52	21.45		
1.4	64QAM	3	1	21.34	21.35	21.44		
1.4	64QAM	3	3	21.38	21.53	21.33		
1.4	64QAM	6	0	20.43	20.53	20.42	22	3
1.4	256QAM	1	0	18.32	18.41	18.34		
1.4	256QAM	1	3	18.31	18.44	18.45		
1.4	256QAM	1	5	18.39	18.35	18.38	20	5
1.4	256QAM	3	0	18.37	18.52	18.41		
1.4	256QAM	3	1	18.30	18.33	18.43		
1.4	256QAM	3	3	18.32	18.34	18.35		
1.4	256QAM	6	0	18.38	18.42	18.38	20	5

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.70	22.87	22.79	24.5	0
20	QPSK	1	49	22.70	22.82	22.72		
20	QPSK	1	99	22.71	22.80	22.78		
20	QPSK	50	0	21.64	21.85	21.73		
20	QPSK	50	24	21.63	21.71	21.73	23.5	1
20	QPSK	50	50	21.69	21.82	21.70		
20	QPSK	100	0	21.62	21.82	21.70		
20	16QAM	1	0	21.64	21.77	21.79		
20	16QAM	1	49	21.60	21.76	21.67	23.5	1
20	16QAM	1	99	21.63	21.68	21.68		
20	16QAM	50	0	20.61	20.80	20.71		
20	16QAM	50	24	20.58	20.68	20.71	22.5	2
20	16QAM	50	50	20.65	20.65	20.72		
20	16QAM	100	0	20.59	20.76	20.72		
20	64QAM	1	0	20.81	20.81	20.75		
20	64QAM	1	49	20.64	20.79	20.70	22.5	2
20	64QAM	1	99	20.62	20.77	20.72		
20	64QAM	50	0	19.67	19.82	19.67		
20	64QAM	50	24	19.65	19.71	19.65	21.5	3
20	64QAM	50	50	19.65	19.77	19.73		
20	64QAM	100	0	19.65	19.70	19.72		
20	256QAM	1	0	17.75	17.78	17.80		
20	256QAM	1	49	17.73	17.82	17.72	19.5	5
20	256QAM	1	99	17.66	17.78	17.80		
20	256QAM	50	0	17.69	17.88	17.71		
20	256QAM	50	24	17.71	17.82	17.76	19.5	5
20	256QAM	50	50	17.68	17.81	17.77		
20	256QAM	100	0	17.68	17.84	17.69		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.63	22.74	22.66	24.5	0
15	QPSK	1	37	22.66	22.71	22.68		
15	QPSK	1	74	22.68	22.70	22.63		
15	QPSK	36	0	21.55	21.79	21.61		
15	QPSK	36	20	21.59	21.60	21.65	23.5	1
15	QPSK	36	39	21.58	21.69	21.57		
15	QPSK	75	0	21.53	21.69	21.59		
15	16QAM	1	0	21.58	21.74	21.66		
15	16QAM	1	37	21.54	21.61	21.59	23.5	1
15	16QAM	1	74	21.56	21.60	21.56		
15	16QAM	36	0	20.52	20.70	20.58		
15	16QAM	36	20	20.59	20.62	20.65	22.5	2
15	16QAM	36	39	20.54	20.51	20.67		
15	16QAM	75	0	20.65	20.72	20.66		
15	64QAM	1	0	20.59	20.77	20.69		
15	64QAM	1	37	20.52	20.71	20.58	22.5	2
15	64QAM	1	74	20.52	20.69	20.61		
15	64QAM	36	0	19.55	19.72	19.57		
15	64QAM	36	20	19.58	19.58	19.55	21.5	3
15	64QAM	36	39	19.54	19.73	19.68		
15	64QAM	75	0	19.51	19.65	19.68		
15	256QAM	1	0	17.70	17.74	17.73		
15	256QAM	1	37	17.63	17.68	17.67	19.5	5
15	256QAM	1	74	17.54	17.63	17.72		
15	256QAM	36	0	17.64	17.81	17.64		
15	256QAM	36	20	17.59	17.69	17.64	19.5	5
15	256QAM	36	39	17.54	17.71	17.73		
15	256QAM	75	0	17.61	17.80	17.62		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.65	22.75	22.65	24.5	0
10	QPSK	1	25	22.67	22.79	22.65		
10	QPSK	1	49	22.58	22.68	22.74		
10	QPSK	25	0	21.55	21.79	21.70		
10	QPSK	25	12	21.59	21.66	21.65	23.5	1
10	QPSK	25	25	21.55	21.71	21.63		
10	QPSK	50	0	21.61	21.77	21.56		
10	16QAM	1	0	21.52	21.74	21.70		
10	16QAM	1	25	21.55	21.72	21.54	23.5	1
10	16QAM	1	49	21.60	21.80	21.53		
10	16QAM	25	0	20.55	20.71	20.66		
10	16QAM	25	12	20.58	20.55	20.61	22.5	2
10	16QAM	25	25	20.52	20.59	20.68		
10	16QAM	50	0	20.51	20.63	20.59		
10	64QAM	1	0	20.63	20.66	20.60		
10	64QAM	1	25	20.60	20.65	20.58	22.5	2
10	64QAM	1	49	20.58	20.70	20.67		
10	64QAM	25	0	19.57	19.74	19.59		
10	64QAM	25	12	19.56	19.66	19.57	21.5	3
10	64QAM	25	25	19.54	19.64	19.61		
10	64QAM	50	0	19.51	19.61	19.68		
10	256QAM	1	0	17.72	17.83	17.73		
10	256QAM	1	25	17.65	17.77	17.64	19.5	5
10	256QAM	1	49	17.56	17.66	17.73		
10	256QAM	25	0	17.58	17.84	17.65		
10	256QAM	25	12	17.64	17.71	17.69	19.5	5
10	256QAM	25	25	17.55	17.72	17.69		
10	256QAM	50	0	17.62	17.73	17.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.57	22.78	22.72	24.5	0
5	QPSK	1	12	22.58	22.74	22.66		
5	QPSK	1	24	22.61	22.70	22.73		
5	QPSK	12	0	21.51	21.71	21.60		
5	QPSK	12	7	21.56	21.59	21.69	23.5	1
5	QPSK	12	13	21.64	21.77	21.66		
5	QPSK	25	0	21.58	21.76	21.63		
5	16QAM	1	0	21.60	21.72	21.70		
5	16QAM	1	12	21.58	21.70	21.53	23.5	1
5	16QAM	1	24	21.55	21.56	21.59		
5	16QAM	12	0	20.51	20.72	20.59		
5	16QAM	12	7	20.53	20.62	20.64	22.5	2
5	16QAM	12	13	20.56	20.53	20.64		
5	16QAM	25	0	20.54	20.70	20.65		
5	64QAM	1	0	20.65	20.66	20.69		
5	64QAM	1	12	20.56	20.70	20.59	22.5	2
5	64QAM	1	24	20.56	20.70	20.64		
5	64QAM	12	0	19.58	19.76	19.62		
5	64QAM	12	7	19.57	19.59	19.56	21.5	3
5	64QAM	12	13	19.61	19.72	19.61		
5	64QAM	25	0	19.55	19.62	19.60		
5	256QAM	1	0	17.60	17.66	17.72		
5	256QAM	1	12	17.62	17.73	17.64	19.5	5
5	256QAM	1	24	17.63	17.70	17.66		
5	256QAM	12	0	17.66	17.84	17.63		
5	256QAM	12	7	17.67	17.76	17.68	19.5	5
5	256QAM	12	13	17.51	17.74	17.65		
5	256QAM	25	0	17.64	17.79	17.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.60	22.77	22.65	24.5	0
3	QPSK	1	8	22.67	22.77	22.59		
3	QPSK	1	14	22.56	22.69	22.74		
3	QPSK	8	0	21.59	21.80	21.65	23.5	1
3	QPSK	8	4	21.53	21.61	21.60		
3	QPSK	8	7	21.63	21.74	21.65		
3	QPSK	15	0	21.56	21.72	21.58		
3	16QAM	1	0	21.57	21.74	21.67		
3	16QAM	1	8	21.54	21.68	21.61	23.5	1
3	16QAM	1	14	21.59	21.60	21.64		
3	16QAM	8	0	20.53	20.68	20.63		
3	16QAM	8	4	20.54	20.55	20.63	22.5	2
3	16QAM	8	7	20.52	20.52	20.62		
3	16QAM	15	0	20.56	20.72	20.65		
3	64QAM	1	0	20.65	20.70	20.70		
3	64QAM	1	8	20.58	20.72	20.64	22.5	2
3	64QAM	1	14	20.57	20.68	20.68		
3	64QAM	8	0	19.53	19.76	19.60		
3	64QAM	8	4	19.53	19.66	19.55	21.5	3
3	64QAM	8	7	19.60	19.73	19.66		
3	64QAM	15	0	19.60	19.59	19.58		
3	256QAM	1	0	17.67	17.70	17.73		
3	256QAM	1	8	17.70	17.73	17.84	19.5	5
3	256QAM	1	14	17.62	17.64	17.69		
3	256QAM	8	0	17.61	17.81	17.60		
3	256QAM	8	4	17.63	17.78	17.66	19.5	5
3	256QAM	8	7	17.59	17.77	17.71		
3	256QAM	15	0	17.55	17.74	17.60		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.57	22.73	22.64	24.5	0
1.4	QPSK	1	3	22.63	22.74	22.68		
1.4	QPSK	1	5	22.62	22.69	22.67		
1.4	QPSK	3	0	22.56	22.75	22.64		
1.4	QPSK	3	1	22.51	22.61	22.68		
1.4	QPSK	3	3	22.63	22.76	22.65		
1.4	QPSK	6	0	21.55	21.76	21.64	23.5	1
1.4	16QAM	1	0	21.53	21.72	21.75		
1.4	16QAM	1	3	21.51	21.63	21.57		
1.4	16QAM	1	5	21.56	21.62	21.62	23.5	1
1.4	16QAM	3	0	21.54	21.66	21.67		
1.4	16QAM	3	1	21.54	21.60	21.64		
1.4	16QAM	3	3	21.54	21.56	21.61		
1.4	16QAM	6	0	20.59	20.65	20.66	22.5	2
1.4	64QAM	1	0	20.65	20.67	20.72		
1.4	64QAM	1	3	20.56	20.68	20.61		
1.4	64QAM	1	5	20.55	20.69	20.66	22.5	2
1.4	64QAM	3	0	20.55	20.70	20.60		
1.4	64QAM	3	1	20.53	20.68	20.57		
1.4	64QAM	3	3	20.51	20.67	20.59		
1.4	64QAM	6	0	19.57	19.63	19.65	21.5	3
1.4	256QAM	1	0	17.70	17.67	17.76		
1.4	256QAM	1	3	17.69	17.72	17.68		
1.4	256QAM	1	5	17.53	17.67	17.69	19.5	5
1.4	256QAM	3	0	17.62	17.83	17.66		
1.4	256QAM	3	1	17.65	17.71	17.63		
1.4	256QAM	3	3	17.55	17.76	17.70		
1.4	256QAM	6	0	17.62	17.79	17.65	19.5	5

Band 7 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	22.02	22.07	21.91	23	0
20	QPSK	1	49	21.94	21.94	21.83		
20	QPSK	1	99	21.78	21.86	21.74		
20	QPSK	50	0	21.91	21.97	21.86		
20	QPSK	50	24	21.79	21.86	21.76	23	0
20	QPSK	50	50	21.82	21.92	21.86		
20	QPSK	100	0	21.84	21.89	21.77		
20	16QAM	1	0	21.94	22.01	21.87		
20	16QAM	1	49	21.87	21.95	21.87	23	0
20	16QAM	1	99	21.83	21.87	21.81		
20	16QAM	50	0	21.87	21.92	21.85		
20	16QAM	50	24	21.76	21.81	21.68	23

Band 38 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.46	23.55	23.41	25	0
20	QPSK	1	49	23.39	23.42	23.36		
20	QPSK	1	99	23.42	23.48	23.44		
20	QPSK	50	0	22.44	22.61	22.47	24	1
20	QPSK	50	24	22.48	22.48	22.54		
20	QPSK	50	50	22.47	22.57	22.51		
20	QPSK	100	0	22.45	22.58	22.42		
20	16QAM	1	0	22.52	22.63	22.50	24	1
20	16QAM	1	49	22.38	22.45	22.44		
20	16QAM	1	99	22.38	22.44	22.47		
20	16QAM	50	0	21.39	21.59	21.48	23	2
20	16QAM	50	24	21.37	21.49	21.48		
20	16QAM	50	50	21.44	21.54	21.47		
20	16QAM	100	0	21.41	21.50	21.48		
20	64QAM	1	0	21.53	21.59	21.57	23	2
20	64QAM	1	49	21.34	21.45	21.45		
20	64QAM	1	99	21.39	21.54	21.41		
20	64QAM	50	0	20.42	20.57	20.44	22	3
20	64QAM	50	24	20.44	20.54	20.50		
20	64QAM	50	50	20.43	20.48	20.42		
20	64QAM	100	0	20.42	20.51	20.38		
20	256QAM	1	0	18.37	18.47	18.38	20	5
20	256QAM	1	49	18.39	18.51	18.45		
20	256QAM	1	99	18.42	18.49	18.47		
20	256QAM	50	0	18.35	18.56	18.48	20	5
20	256QAM	50	24	18.41	18.47	18.47		
20	256QAM	50	50	18.44	18.45	18.40		
20	256QAM	100	0	18.39	18.51	18.37		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.38	23.49	23.29	25	0
15	QPSK	1	37	23.28	23.33	23.31		
15	QPSK	1	74	23.29	23.40	23.39		
15	QPSK	36	0	22.35	22.54	22.37	24	1
15	QPSK	36	20	22.41	22.38	22.43		
15	QPSK	36	39	22.42	22.42	22.42		
15	QPSK	75	0	22.34	22.53	22.35		
15	16QAM	1	0	22.48	22.56	22.45	24	1
15	16QAM	1	37	22.34	22.36	22.32		
15	16QAM	1	74	22.28	22.32	22.40		
15	16QAM	36	0	21.31	21.54	21.37	23	2
15	16QAM	36	20	21.27	21.40	21.36		
15	16QAM	36	39	21.38	21.50	21.42		
15	16QAM	75	0	21.27	21.45	21.38		
15	64QAM	1	0	21.39	21.55	21.51	23	2
15	64QAM	1	37	21.28	21.33	21.37		
15	64QAM	1	74	21.31	21.40	21.34		
15	64QAM	36	0	20.33	20.48	20.36	22	3
15	64QAM	36	20	20.39	20.46	20.41		
15	64QAM	36	39	20.34	20.41	20.30		
15	64QAM	75	0	20.28	20.39	20.24		
15	256QAM	1	0	18.25	18.42	18.28	20	5
15	256QAM	1	37	18.32	18.48	18.42		
15	256QAM	1	74	18.29	18.35	18.40		
15	256QAM	36	0	18.27	18.53	18.37	20	5
15	256QAM	36	20	18.34	18.41	18.41		
15	256QAM	36	39	18.40	18.33	18.26		
15	256QAM	75	0	18.34	18.46	18.33		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.40	23.46	23.29	25	0
10	QPSK	1	25	23.27	23.30	23.26		
10	QPSK	1	49	23.29	23.40	23.33		
10	QPSK	25	0	22.41	22.58	22.40	24	1
10	QPSK	25	12	22.42	22.37	22.39		
10	QPSK	25	25	22.44	22.52	22.48		
10	QPSK	50	0	22.32	22.52	22.31		
10	16QAM	1	0	22.46	22.55	22.39	24	1
10	16QAM	1	25	22.26	22.36	22.37		
10	16QAM	1	49	22.31	22.30	22.33		
10	16QAM	25	0	21.28	21.54	21.40	23	2
10	16QAM	25	12	21.24	21.38	21.37		
10	16QAM	25	25	21.40	21.48	21.39		
10	16QAM	50	0	21.34	21.37	21.41		
10	64QAM	1	0	21.43	21.52	21.50	23	2
10	64QAM	1	25	21.29	21.33	21.33		
10	64QAM	1	49	21.33	21.45	21.32		
10	64QAM	25	0	20.32	20.46	20.29	22	3
10	64QAM	25	12	20.30	20.51	20.45		
10	64QAM	25	25	20.34	20.44	20.34		
10	64QAM	50	0	20.27	20.41	20.25		
10	256QAM	1	0	18.28	18.37	18.27	20	5
10	256QAM	1	25	18.30	18.37	18.31		
10	256QAM	1	49	18.30	18.39	18.41		
10	256QAM	25	0	18.20	18.43	18.38	20	5
10	256QAM	25	12	18.28	18.33	18.34		
10	256QAM	25	25	18.29	18.34	18.30		
10	256QAM	50	0	18.34	18.40	18.32		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.42	23.46	23.30	25	0
5	QPSK	1	12	23.34	23.36	23.24		
5	QPSK	1	24	23.28	23.38	23.30		
5	QPSK	12	0	22.34	22.50	22.38	24	1
5	QPSK	12	7	22.37	22.37	22.50		
5	QPSK	12	13	22.42	22.50	22.37		
5	QPSK	25	0	22.38	22.50	22.34		
5	16QAM	1	0	22.45	22.57	22.37	24	1
5	16QAM	1	12	22.34	22.42	22.36		
5	16QAM	1	24	22.32	22.36	22.37		
5	16QAM	12	0	21.24	21.52	21.42	23	2
5	16QAM	12	7	21.26	21.35	21.44		
5	16QAM	12	13	21.33	21.45	21.41		
5	16QAM	25	0	21.26	21.46	21.33		
5	64QAM	1	0	21.45	21.46	21.54	23	2
5	64QAM	1	12	21.21	21.37	21.30		
5	64QAM	1	24	21.28	21.49	21.33		
5	64QAM	12	0	20.31	20.48	20.32	22	3
5	64QAM	12	7	20.33	20.39	20.42		
5	64QAM	12	13	20.40	20.41	20.29		
5	64QAM	25	0	20.28	20.39	20.25		
5	256QAM	1	0	18.27	18.42	18.30	20	5
5	256QAM	1	12	18.26	18.37	18.39		
5	256QAM	1	24	18.38	18.45	18.44		
5	256QAM	12	0	18.27	18.45	18.37	20	5
5	256QAM	12	7	18.28	18.39	18.38		
5	256QAM	12	13	18.33	18.41	18.30		
5	256QAM	25	0	18.33	18.40	18.32		

Band 41 Ant4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.72	23.63	23.77	23.56	23.69	24.5	0
20	QPSK	1	49	23.57	23.64	23.67	23.69	23.61		
20	QPSK	1	99	23.71	23.62	23.74	23.68	23.64		
20	QPSK	50	0	22.62	22.54	22.67	22.50	22.64	24	0.5
20	QPSK	50	24	22.60	22.52	22.63	22.52	22.50		
20	QPSK	50	50	22.43	22.53	22.55	22.52	22.51		
20	QPSK	100	0	22.52	22.41	22.62	22.54	22.48		
20	16QAM	1	0	22.56	22.52	22.67	22.57	22.54	24	0.5
20	16QAM	1	49	22.48	22.39	22.55	22.50	22.43		
20	16QAM	1	99	22.40	22.48	22.55	22.48	22.41		
20	16QAM	50	0	21.60	21.43	21.64	21.47	21.57	23	1.5
20	16QAM	50	24	21.40	21.52	21.52	21.48	21.44		
20	16QAM	50	50	21.48	21.47	21.59	21.51	21.53		
20	16QAM	100	0	21.53	21.50	21.56	21.50	21.47		
20	64QAM	1	0	21.60	21.56	21.70	21.66	21.60	23	1.5
20	64QAM	1	49	21.48	21.45	21.57	21.54	21.44		
20	64QAM	1	99	21.40	21.49	21.53	21.46	21.41		
20	64QAM	50	0	20.62	20.46	20.68	20.57	20.54	22	2.5
20	64QAM	50	24	20.44	20.53	20.55	20.57	20.51		
20	64QAM	50	50	20.40	20.53	20.54	20.55	20.43		
20	64QAM	100	0	20.48	20.56	20.57	20.56	20.49		
20	256QAM	1	0	18.34	18.51	18.48	18.53	18.37	20	4.5
20	256QAM	1	49	18.52	18.48	18.58	18.46	18.48		
20	256QAM	1	99	18.45	18.46	18.54	18.48	18.45		
20	256QAM	50	0	18.57	18.48	18.62	18.50	18.50	20	4.5
20	256QAM	50	24	18.49	18.42	18.54	18.47	18.47		
20	256QAM	50	50	18.43	18.49	18.58	18.53	18.50		
20	256QAM	100	0	18.44	18.46	18.48	18.52	18.38		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.62	23.50	23.74	23.53	23.62	24.50	0
15	QPSK	1	37	23.46	23.53	23.63	23.55	23.51		
15	QPSK	1	74	23.61	23.56	23.64	23.57	23.55		
15	QPSK	36	0	22.51	22.44	22.64	22.45	22.57	24	0.5
15	QPSK	36	20	22.49	22.47	22.58	22.48	22.46		
15	QPSK	36	39	22.29	22.41	22.45	22.40	22.42		
15	QPSK	75	0	22.49	22.28	22.52	22.48	22.40		
15	16QAM	1	0	22.52	22.45	22.62	22.50	22.47	24	0.5
15	16QAM	1	37	22.33	22.33	22.48	22.38	22.39		
15	16QAM	1	74	22.34	22.37	22.46	22.44	22.27		
15	16QAM	36	0	21.49	21.31	21.51	21.38	21.45	23	1.5
15	16QAM	36	20	21.32	21.39	21.46	21.38	21.38		
15	16QAM	36	39	21.36	21.39	21.49	21.46	21.40		
15	16QAM	75	0	21.44	21.42	21.41	21.47	21.39		
15	64QAM	1	0	21.53	21.47	21.65	21.63	21.50	23	1.5
15	64QAM	1	37	21.40	21.30	21.47	21.43	21.36		
15	64QAM	1	74	21.34	21.43	21.42	21.41	21.31		
15	64QAM	36	0	20.53	20.42	20.56	20.50	20.44	22	2.5
15	64QAM	36	20	20.41	20.42	20.48	20.51	20.37		
15	64QAM	36	39	20.32	20.44	20.43	20.43	20.39		
15	64QAM	75	0	20.44	20.46	20.52	20.44	20.45		
15	256QAM	1	0	18.21	18.38	18.40	18.45	18.33	20	4.5
15	256QAM	1	37	18.45	18.43	18.52	18.34	18.35		
15	256QAM	1	74	18.37	18.32	18.41	18.37	18.37		
15	256QAM	36	0	18.45	18.43	18.55	18.47	18.36	20	4.5
15	256QAM	36	20	18.45	18.35	18.44	18.39	18.38		
15	256QAM	36	39	18.37	18.43	18.50	18.38	18.46		
15	256QAM	75	0	18.35	18.41	18.34	18.39	18.33		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.66	23.49	23.69	23.44	23.59	24.50	0
10	QPSK	1	25	23.53	23.55	23.55	23.54	23.49		
10	QPSK	1	49	23.68	23.51	23.61	23.58	23.57		
10	QPSK	25	0	22.51	22.51	22.55	22.37	22.60	24	0.5
10	QPSK	25	12	22.55	22.39	22.52	22.43	22.41		
10	QPSK	25	25	22.30	22.38	22.49	22.39	22.38		
10	QPSK	50	0	22.41	22.32	22.56	22.46	22.38		
10	16QAM	1	0	22.49	22.43	22.60	22.49	22.44	24	0.5
10	16QAM	1	25	22.42	22.28	22.45	22.35	22.29		
10	16QAM	1	49	22.28	22.39	22.42	22.35	22.26		
10	16QAM	25	0	21.51	21.32	21.58	21.35	21.45	23	1.5
10	16QAM	25	12	21.33	21.46	21.48	21.39	21.40		
10	16QAM	25	25	21.44	21.38	21.53	21.38	21.40		
10	16QAM	50	0	21.39	21.38	21.43	21.42	21.37		
10	64QAM	1	0	21.47	21.42	21.56	21.57	21.55	23	1.5
10	64QAM	1	25	21.45	21.40	21.46	21.49	21.32		
10	64QAM	1	49	21.29	21.39	21.41	21.43	21.31		
10	64QAM	25	0	20.58	20.42	20.55	20.46	20.49	22	2.5
10	64QAM	25	12	20.36	20.41	20.52	20.48	20.40		
10	64QAM	25	25	20.29	20.46	20.50	20.45	20.37		
10	64QAM	50	0	20.33	20.48	20.47	20.48	20.45		
10	256QAM	1	0	18.23	18.36	18.45	18.48	18.28	20	4.5
10	256QAM	1	25	18.44	18.33	18.54	18.36	18.33		
10	256QAM	1	49	18.37	18.40	18.44	18.35	18.38		
10	256QAM	25	0	18.45	18.41	18.58	18.42	18.40	20	4.5
10	256QAM	25	12	18.41	18.39	18.50	18.38	18.32		
10	256QAM	25	25	18.36	18.43	18.49	18.43	18.39		
10	256QAM	50	0	18.30	18.39	18.39	18.46	18.35		
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	23.59	23.56	23.63	23.46	23.59	24.50	0
5	QPSK	1	12	23.52	23.58	23.54	23.58	23.51		
5	QPSK	1	24	23.61	23.48	23.67	23.56	23.55		
5	QPSK	12	0	22.51	22.41	22.63	22.47	22.54	24	0.5
5	QPSK	12	7	22.52	22.43	22.57	22.48	22.38		
5	QPSK	12	13	22.34	22.45	22.44	22.39	22.41		
5	QPSK	25	0	22.43	22.29	22.53	22.50	22.45		
5	16QAM	1	0	22.44	22.41	22.57	22.54	22.48	24	0.5
5	16QAM	1	12	22.43	22.33	22.45	22.42	22.37		
5	16QAM	1	24	22.32	22.39	22.45	22.45	22.30		
5	16QAM	12	0	21.49	21.31	21.57	21.42	21.52	23	1.5
5	16QAM	12	7	21.34	21.47	21.39	21.42	21.30		
5	16QAM	12	13	21.34	21.35	21.55	21.39	21.41		
5	16QAM	25	0	21.41	21.37	21.48	21.38	21.42		
5	64QAM	1	0	21.46	21.46	21.60	21.53	21.56	23	1.5
5	64QAM	1	12	21.35	21.40	21.52	21.40	21.36		
5	64QAM	1	24	21.32	21.41	21.44	21.37	21.31		
5	64QAM	12	0	20.59	20.40	20.54	20.50	20.48	22	2.5
5	64QAM	12	7	20.39	20.42	20.45	20.50	20.42		
5	64QAM	12	13	20.32	20.40	20.46	20.50	20.31		
5	64QAM	25	0	20.40	20.51	20.51	20.48	20.39		
5	256QAM	1	0	18.27	18.37	18.43	18.40	18.32	20	4.5
5	256QAM	1	12	18.49	18.39	18.50	18.39	18.44		
5	256QAM	1	24	18.35	18.32	18.43	18.44	18.39		
5	256QAM	12	0	18.53	18.43	18.57	18.39	18.40	20	4.5
5	256QAM	12	7	18.40	18.32	18.42	18.34	18.36		
5	256QAM	12	13	18.31	18.45	18.48	18.46	18.36		
5	256QAM	25	0	18.39	18.42	18.38	18.45	18.33		

GSM1900 Ant5 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	28.48	28.53	28.49	30.00	19.48	19.53	19.49	21.00
GPRS 1 Tx slot	28.41	28.40	28.38	30.00	19.41	19.40	19.38	21.00
GPRS 2 Tx slots	25.11	25.16	25.27	27.00	19.11	19.16	19.27	21.00
GPRS 3 Tx slots	23.22	23.27	23.30	25.00	18.96	19.01	19.04	20.74
GPRS 4 Tx slots	22.89	22.73	22.87	24.00	19.89	19.73	19.87	21.00
EDGE 1 Tx slot	24.08	24.26	24.12	26.00	15.08	15.26	15.12	17.00
EDGE 2 Tx slots	21.15	21.18	21.07	23.00	15.15	15.18	15.07	17.00
EDGE 3 Tx slots	19.11	19.19	19.27	21.00	14.85	14.93	15.01	16.74
EDGE 4 Tx slots	18.05	18.20	18.11	20.00	15.05	15.20	15.11	17.00

WCDMA II Ant5 Default

WCDMA IV Ant5 Default

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.44	23.53	23.41	24.50	23.42	23.51	23.46	24.50
3GPP Rel 99	RMC 12.2Kbps	23.56	23.61	23.50	24.50	23.51	23.60	23.57	24.50
3GPP Rel 6	HSDPA Subtest-1	22.26	22.54	22.44	23.50	22.43	22.54	22.30	23.50
3GPP Rel 6	HSDPA Subtest-2	22.35	22.56	22.39	23.50	22.46	22.56	22.35	23.50
3GPP Rel 6	HSDPA Subtest-3	21.93	21.99	21.97	23.00	22.03	21.98	21.85	23.00
3GPP Rel 6	HSDPA Subtest-4	21.87	22.02	21.93	23.00	22.00	22.08	21.89	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.34	22.61	22.50	23.50	22.44	22.57	22.23	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	22.44	22.54	22.35	23.50	22.40	22.55	22.45	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.86	21.99	21.81	23.00	21.89	22.02	21.77	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.83	22.09	22.00	23.00	22.08	22.00	21.86	23.00
3GPP Rel 6	HSUPA Subtest-1	22.22	22.48	22.53	23.50	22.51	22.49	22.29	23.50
3GPP Rel 6	HSUPA Subtest-2	20.31	20.50	20.43	21.50	20.41	20.42	20.37	21.50
3GPP Rel 6	HSUPA Subtest-3	21.30	21.59	21.36	22.50	21.37	21.61	21.36	22.50
3GPP Rel 6	HSUPA Subtest-4	20.29	20.61	20.50	21.50	20.53	20.55	20.31	21.50
3GPP Rel 6	HSUPA Subtest-5	22.36	22.50	22.37	23.50	22.29	22.52	22.36	23.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.74	20.01	19.90	21.00	19.89	19.90	19.74	21.00

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.94	24.02	23.92	25	0
20	QPSK	1	49	23.88	23.93	23.93		
20	QPSK	1	99	23.87	23.93	23.91		
20	QPSK	50	0	22.76	22.95	22.79	24	1
20	QPSK	50	24	22.83	22.82	22.88		
20	QPSK	50	50	22.72	22.82	22.81		
20	QPSK	100	0	22.72	22.91	22.75		
20	16QAM	1	0	23.00	23.12	23.04	24	1
20	16QAM	1	49	22.94	23.07	22.95		
20	16QAM	1	99	22.98	23.07	23.02		
20	16QAM	50	0	21.87	22.05	21.87	23	2
20	16QAM	50	24	21.90	21.96	21.90		
20	16QAM	50	50	21.89	21.98	21.89		
20	16QAM	100	0	21.90	21.99	21.87		
20	64QAM	1	0	21.94	22.08	22.05	23	2
20	64QAM	1	49	21.96	22.01	21.95		
20	64QAM	1	99	21.96	22.01	21.98		
20	64QAM	50	0	20.91	21.02	20.87	22	3
20	64QAM	50	24	20.79	20.91	20.94		
20	64QAM	50	50	20.84	20.88	20.90		
20	64QAM	100	0	20.82	20.95	20.84		
20	256QAM	1	0	18.88	18.97	18.88	20	5
20	256QAM	1	49	18.88	18.94	18.88		
20	256QAM	1	99	18.81	18.88	18.92		
20	256QAM	50	0	18.80	19.00	18.89	20	5
20	256QAM	50	24	18.85	18.86	18.88		
20	256QAM	50	50	18.78	18.90	18.86		
20	256QAM	100	0	18.82	18.92	18.91		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.90	23.95	23.83	25	0
15	QPSK	1	37	23.76	23.83	23.88		
15	QPSK	1	74	23.74	23.79	23.76		
15	QPSK	36	0	22.62	22.80	22.67	24	1
15	QPSK	36	20	22.72	22.74	22.73		
15	QPSK	36	39	22.65	22.74	22.69		
15	QPSK	75	0	22.59	22.82	22.68		
15	16QAM	1	0	22.85	23.02	23.01	24	1
15	16QAM	1	37	22.80	22.97	22.83		
15	16QAM	1	74	22.85	22.98	22.91		
15	16QAM	36	0	21.73	22.00	21.83	23	2
15	16QAM	36	20	21.77	21.82	21.83		
15	16QAM	36	39	21.82	21.89	21.84		
15	16QAM	75	0	21.83	21.94	21.76		
15	64QAM	1	0	21.89	22.02	21.93	23	2
15	64QAM	1	37	21.92	21.87	21.85		
15	64QAM	1	74	21.86	21.94	21.89		
15	64QAM	36	0	20.81	20.87	20.72	22	3
15	64QAM	36	20	20.72	20.76	20.90		
15	64QAM	36	39	20.78	20.84	20.81		
15	64QAM	75	0	20.77	20.81	20.77		
15	256QAM	1	0	18.83	18.93	18.79	20	5
15	256QAM	1	37	18.77	18.83	18.76		
15	256QAM	1	74	18.77	18.82	18.86		
15	256QAM	36	0	18.71	18.92	18.78	20	5
15	256QAM	36	20	18.76	18.77	18.74		
15	256QAM	36	39	18.64	18.87	18.80		
15	256QAM	75	0	18.70	18.82	18.88		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.87	23.93	23.79	25	0
10	QPSK	1	25	23.75	23.87	23.81		
10	QPSK	1	49	23.82	23.82	23.77		
10	QPSK	25	0	22.72	22.84	22.67	24	1
10	QPSK	25	12	22.74	22.67	22.78		
10	QPSK	25	25	22.63	22.79	22.73		
10	QPSK	50	0	22.66	22.78	22.61		
10	16QAM	1	0	22.85	22.99	22.94	24	1
10	16QAM	1	25	22.86	22.94	22.85		
10	16QAM	1	49	22.85	22.99	22.87		
10	16QAM	25	0	21.73	21.92	21.75	23	2
10	16QAM	25	12	21.84	21.91	21.86		
10	16QAM	25	25	21.76	21.85	21.94		
10	16QAM	50	0	21.76	21.94	21.73		
10	64QAM	1	0	21.89	21.98	21.94	23	2
10	64QAM	1	25	21.91	21.95	21.87		
10	64QAM	1	49	21.82	21.94	21.92		
10	64QAM	25	0	20.81	20.90	20.78	22	3
10	64QAM	25	12	20.76	20.77	20.88		
10	64QAM	25	25	20.80	20.83	20.75		
10	64QAM	50	0	20.78	20.81	20.72		
10	256QAM	1	0	18.83	18.86	18.78	20	5
10	256QAM	1	25	18.74	18.89	18.85		
10	256QAM	1	49	18.66	18.82	18.79		
10	256QAM	25	0	18.69	18.90	18.76	20	5
10	256QAM	25	12	18.80	18.73	18.73		
10	256QAM	25	25	18.74	18.83	18.76		
10	256QAM	50	0	18.69	18.78	18.88		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.83	23.90	23.81	25	0
5	QPSK	1	12	23.77	23.82	23.88		
5	QPSK	1	24	23.72	23.80	23.80		
5	QPSK	12	0	22.65	22.87	22.70	24	1
5	QPSK	12	7	22.71	22.75	22.81		
5	QPSK	12	13	22.59	22.75	22.75		
5	QPSK	25	0	22.65	22.77	22.65		
5	16QAM	1	0	22.97	23.06	22.94	24	1
5	16QAM	1	12	22.86	22.96	22.91		
5	16QAM	1	24	22.85	22.96	22.94		
5	16QAM	12	0	21.81	21.94	21.75	23	2
5	16QAM	12	7	21.78	21.84	21.81		
5	16QAM	12	13	21.84	21.86	21.84		
5	16QAM	25	0	21.81	21.92	21.83		
5	64QAM	1	0	21.89	21.95	21.92	23	2
5	64QAM	1	12	21.84	21.91	21.91		
5	64QAM	1	24	21.86	21.87	21.89		
5	64QAM	12	0	20.79	20.93	20.78	22	3
5	64QAM	12	7	20.68	20.83	20.88		
5	64QAM	12	13	20.80	20.75	20.79		
5	64QAM	25	0	20.78	20.87	20.77		
5	256QAM	1	0	18.78	18.88	18.80	20	5
5	256QAM	1	12	18.73	18.88	18.74		
5	256QAM	1	24	18.74	18.75	18.86		
5	256QAM	12	0	18.71	18.92	18.79	20	5
5	256QAM	12	7	18.82	18.75	18.81		
5	256QAM	12	13	18.68	18.84	18.78		
5	256QAM	25	0	18.76	18.80	18.83		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.84	23.89	23.85	25	0
3	QPSK	1	8	23.77	23.83	23.89		
3	QPSK	1	14	23.81	23.84	23.85		
3	QPSK	8	0	22.68	22.92	22.67	24	1
3	QPSK	8	4	22.73	22.70	22.83		
3	QPSK	8	7	22.65	22.78	22.73		
3	QPSK	15	0	22.69	22.84	22.67		
3	16QAM	1	0	22.95	23.04	22.91	24	1
3	16QAM	1	8	22.85	22.96	22.90		
3	16QAM	1	14	22.87	22.98	22.88		
3	16QAM	8	0	21.83	21.93	21.73	23	2
3	16QAM	8	4	21.79	21.83	21.76		
3	16QAM	8	7	21.75	21.86	21.77		
3	16QAM	15	0	21.84	21.91	21.72		
3	64QAM	1	0	21.84	22.00	22.00	23	2
3	64QAM	1	8	21.87	21.95	21.88		
3	64QAM	1	14	21.82	21.98	21.84		
3	64QAM	8	0	20.86	20.95	20.77	22	3
3	64QAM	8	4	20.76	20.86	20.85		
3	64QAM	8	7	20.75	20.81	20.81		
3	64QAM	15	0	20.78	20.80	20.77		
3	256QAM	1	0	18.84	18.92	18.77	20	5
3	256QAM	1	8	18.73	18.89	18.85		
3	256QAM	1	14	18.68	18.74	18.89		
3	256QAM	8	0	18.71	18.87	18.81	20	5
3	256QAM	8	4	18.70	18.78	18.82		
3	256QAM	8	7	18.63	18.76	18.74		
3	256QAM	15	0	18.67	18.77	18.83		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.80	23.89	23.87	25	0
1.4	QPSK	1	3	23.84	23.80	23.89		
1.4	QPSK	1	5	23.75	23.86	23.82		
1.4	QPSK	3	0	23.68	23.91	23.73		
1.4	QPSK	3	1	23.75	23.69	23.76		
1.4	QPSK	3	3	23.63	23.70	23.71		
1.4	QPSK	6	0	22.62	22.80	22.70	24	1
1.4	16QAM	1	0	22.86	22.99	22.96	24	1
1.4	16QAM	1	3	22.83	23.01	22.87		
1.4	16QAM	1	5	22.94	22.93	22.88		
1.4	16QAM	3	0	22.82	22.93	22.82		
1.4	16QAM	3	1	22.85	22.82	22.80		
1.4	16QAM	3	3	22.85	22.91	22.79		
1.4	16QAM	6	0	21.79	21.86	21.78	23	2
1.4	64QAM	1	0	21.82	22.01	21.99	23	2
1.4	64QAM	1	3	21.89	21.95	21.91		
1.4	64QAM	1	5	21.82	21.87	21.86		
1.4	64QAM	3	0	21.82	21.95	21.81		
1.4	64QAM	3	1	21.74	21.79	21.81		
1.4	64QAM	3	3	21.75	21.75	21.87		
1.4	64QAM	6	0	20.71	20.92	20.74	22	3
1.4	256QAM	1	0	18.83	18.90	18.83	20	5
1.4	256QAM	1	3	18.74	18.81	18.78		
1.4	256QAM	1	5	18.73	18.78	18.84		
1.4	256QAM	3	0	18.77	18.95	18.81		
1.4	256QAM	3	1	18.77	18.79	18.78		
1.4	256QAM	3	3	18.74	18.82	18.74		
1.4	256QAM	6	0	18.68	18.88	18.76	20	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.68	23.75	23.71	24.5	0
20	QPSK	1	49	23.59	23.63	23.61		
20	QPSK	1	99	23.62	23.67	23.57		
20	QPSK	50	0	22.63	22.79	22.69	23.5	1
20	QPSK	50	24	22.66	22.75	22.71		
20	QPSK	50	50	22.64	22.71	22.65		
20	QPSK	100	0	22.52	22.70	22.56		
20	16QAM	1	0	22.72	22.82	22.77	23.5	1
20	16QAM	1	49	22.58	22.65	22.62		
20	16QAM	1	99	22.63	22.67	22.63		
20	16QAM	50	0	21.63	21.76	21.62	22.5	2
20	16QAM	50	24	21.60	21.62	21.66		
20	16QAM	50	50	21.59	21.72	21.69		
20	16QAM	100	0	21.64	21.62	21.68		
20	64QAM	1	0	21.65	21.80	21.68	22.5	2
20	64QAM	1	49	21.50	21.60	21.61		
20	64QAM	1	99	21.60	21.64	21.62		
20	64QAM	50	0	20.50	20.69	20.55	21.5	3
20	64QAM	50	24	20.47	20.66	20.54		
20	64QAM	50	50	20.54	20.58	20.59		
20	64QAM	100	0	20.47	20.55	20.57		
20	256QAM	1	0	18.66	18.77	18.65	19.5	5
20	256QAM	1	49	18.60	18.79	18.74		
20	256QAM	1	99	18.71	18.70	18.74		
20	256QAM	50	0	18.65	18.82	18.66	19.5	5
20	256QAM	50	24	18.62	18.78	18.65		
20	256QAM	50	50	18.66	18.76	18.65		
20	256QAM	100	0	18.65	18.68	18.73		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.63	23.63	23.61	24.5	0
15	QPSK	1	37	23.54	23.59	23.55		
15	QPSK	1	74	23.47	23.58	23.50		
15	QPSK	36	0	22.53	22.71	22.56	23.5	1
15	QPSK	36	20	22.57	22.66	22.56		
15	QPSK	36	39	22.58	22.62	22.57		
15	QPSK	75	0	22.44	22.56	22.52		
15	16QAM	1	0	22.67	22.72	22.69	23.5	1
15	16QAM	1	37	22.52	22.55	22.58		
15	16QAM	1	74	22.60	22.62	22.53		
15	16QAM	36	0	21.59	21.67	21.56	22.5	2
15	16QAM	36	20	21.55	21.58	21.53		
15	16QAM	36	39	21.49	21.67	21.55		
15	16QAM	75	0	21.60	21.52	21.64		
15	64QAM	1	0	21.52	21.70	21.55	22.5	2
15	64QAM	1	37	21.46	21.53	21.54		
15	64QAM	1	74	21.49	21.58	21.55		
15	64QAM	36	0	20.38	20.59	20.41	21.5	3
15	64QAM	36	20	20.34	20.59	20.49		
15	64QAM	36	39	20.50	20.50	20.47		
15	64QAM	75	0	20.34	20.44	20.48		
15	256QAM	1	0	18.57	18.65	18.57	19.5	5
15	256QAM	1	37	18.50	18.68	18.68		
15	256QAM	1	74	18.59	18.60	18.61		
15	256QAM	36	0	18.61	18.70	18.60	19.5	5
15	256QAM	36	20	18.49	18.64	18.58		
15	256QAM	36	39	18.61	18.68	18.55		
15	256QAM	75	0	18.52	18.59	18.68		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.59	23.64	23.57	24.5	0
10	QPSK	1	25	23.49	23.52	23.49		
10	QPSK	1	49	23.45	23.54	23.53		
10	QPSK	25	0	22.58	22.66	22.57	23.5	1
10	QPSK	25	12	22.54	22.69	22.61		
10	QPSK	25	25	22.56	22.66	22.59		
10	QPSK	50	0	22.40	22.60	22.53		
10	16QAM	1	0	22.68	22.70	22.65	23.5	1
10	16QAM	1	25	22.51	22.57	22.58		
10	16QAM	1	49	22.59	22.54	22.59		
10	16QAM	25	0	21.55	21.72	21.48	22.5	2
10	16QAM	25	12	21.57	21.58	21.55		
10	16QAM	25	25	21.54	21.58	21.56		
10	16QAM	50	0	21.53	21.55	21.62		
10	64QAM	1	0	21.59	21.65	21.65	22.5	2
10	64QAM	1	25	21.36	21.53	21.57		
10	64QAM	1	49	21.46	21.52	21.58		
10	64QAM	25	0	20.46	20.59	20.46	21.5	3
10	64QAM	25	12	20.35	20.61	20.40		
10	64QAM	25	25	20.47	20.49	20.54		
10	64QAM	50	0	20.33	20.51	20.49		
10	256QAM	1	0	18.53	18.66	18.57	19.5	5
10	256QAM	1	25	18.50	18.65	18.67		
10	256QAM	1	49	18.61	18.58	18.62		
10	256QAM	25	0	18.56	18.76	18.54	19.5	5
10	256QAM	25	12	18.58	18.73	18.53		
10	256QAM	25	25	18.52	18.72	18.57		
10	256QAM	50	0	18.55	18.57	18.63		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.65	23.69	23.66	24.5	0
5	QPSK	1	12	23.46	23.58	23.47		
5	QPSK	1	24	23.38	23.58	23.48		
5	QPSK	12	0	22.55	22.74	22.56	23.5	1
5	QPSK	12	7	22.54	22.68	22.64		
5	QPSK	12	13	22.57	22.57	22.54		
5	QPSK	25	0	22.41	22.65	22.52		
5	16QAM	1	0	22.63	22.72	22.70	23.5	1
5	16QAM	1	12	22.58	22.62	22.55		
5	16QAM	1	24	22.57	22.62	22.55		
5	16QAM	12	0	21.55	21.67	21.55	22.5	2
5	16QAM	12	7	21.48	21.58	21.53		
5	16QAM	12	13	21.59	21.60	21.60		
5	16QAM	25	0	21.59	21.51	21.53		
5	64QAM	1	0	21.53	21.74	21.60	22.5	2
5	64QAM	1	12	21.44	21.56	21.53		
5	64QAM	1	24	21.61	21.67	21.56		
5	64QAM	12	0	20.46	20.61	20.52	21.5	3
5	64QAM	12	7	20.32	20.58	20.47		
5	64QAM	12	13	20.47	20.44	20.46		
5	64QAM	25	0	20.40	20.49	20.48		
5	256QAM	1	0	18.63	18.64	18.56	19.5	5
5	256QAM	1	12	18.47	18.73	18.63		
5	256QAM	1	24	18.67	18.62	18.64		
5	256QAM	12	0	18.61	18.73	18.58	19.5	5
5	256QAM	12	7	18.55	18.74	18.55		
5	256QAM	12	13	18.61	18.69	18.56		
5	256QAM	25	0	18.51	18.53	18.67		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.99	24.05	23.96	25	0
20	QPSK	1	49	23.93	23.95	23.89		
20	QPSK	1	99	23.88	23.96	23.93		
20	QPSK	50	0	22.80	23.03	22.88	24	1
20	QPSK	50	24	22.86	22.95	22.92		
20	QPSK	50	50	22.84	22.90	22.85		
20	QPSK	100	0	22.78	23.00	22.91		
20	16QAM	1	0	22.88	22.95	23.01	24	1
20	16QAM	1	49	22.87	23.02	22.97		
20	16QAM	1	99	22.92	23.02	22.88		
20	16QAM	50	0	21.80	22.02	21.91	23	2
20	16QAM	50	24	21.86	21.93	21.84		
20	16QAM	50	50	21.82	21.90	21.87		
20	16QAM	100	0	21.82	21.96	21.87		
20	64QAM	1	0	21.99	22.01	22.03	23	2
20	64QAM	1	49	21.92	21.94	22.00		
20	64QAM	1	99	21.87	21.95	22.00		
20	64QAM	50	0	20.93	21.05	20.94	22	3
20	64QAM	50	24	20.87	20.93	20.95		
20	64QAM	50	50	20.92	20.99	20.88		
20	64QAM	100	0	20.84	21.01	20.97		
20	256QAM	1	0	18.71	18.90	18.80	20	5
20	256QAM	1	49	18.77	18.80	18.84		
20	256QAM	1	99	18.72	18.88	18.80		
20	256QAM	50	0	18.83	18.94	18.85	20	5
20	256QAM	50	24	18.76	18.84	18.78		
20	256QAM	50	50	18.79	18.86	18.86		
20	256QAM	100	0	18.73	18.81	18.81		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.89	23.95	23.84	25	0
15	QPSK	1	37	23.84	23.84	23.85		
15	QPSK	1	74	23.80	23.85	23.88		
15	QPSK	36	0	22.72	22.95	22.84	24	1
15	QPSK	36	20	22.77	22.84	22.79		
15	QPSK	36	39	22.79	22.80	22.76		
15	QPSK	75	0	22.68	22.95	22.84		
15	16QAM	1	0	22.75	22.86	22.90	24	1
15	16QAM	1	37	22.76	22.94	22.84		
15	16QAM	1	74	22.87	22.96	22.83		
15	16QAM	36	0	21.72	21.92	21.81	23	2
15	16QAM	36	20	21.73	21.89	21.76		
15	16QAM	36	39	21.77	21.77	21.83		
15	16QAM	75	0	21.75	21.92	21.75		
15	64QAM	1	0	21.84	21.94	21.95	23	2
15	64QAM	1	37	21.85	21.83	21.95		
15	64QAM	1	74	21.82	21.88	21.89		
15	64QAM	36	0	20.89	21.00	20.86	22	3
15	64QAM	36	20	20.77	20.82	20.83		
15	64QAM	36	39	20.88	20.91	20.75		
15	64QAM	75	0	20.78	20.88	20.83		
15	256QAM	1	0	18.57	18.86	18.70	20	5
15	256QAM	1	37	18.62	18.74	18.78		
15	256QAM	1	74	18.68	18.84	18.73		
15	256QAM	36	0	18.77	18.89	18.70	20	5
15	256QAM	36	20	18.68	18.70	18.73		
15	256QAM	36	39	18.71	18.76	18.81		
15	256QAM	75	0	18.63	18.71	18.69		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.88	23.90	23.88	25	0
10	QPSK	1	25	23.84	23.88	23.85		
10	QPSK	1	49	23.81	23.87	23.88		
10	QPSK	25	0	22.75	22.98	22.79	24	1
10	QPSK	25	12	22.81	22.88	22.83		
10	QPSK	25	25	22.78	22.83	22.78		
10	QPSK	50	0	22.75	22.92	22.85		
10	16QAM	1	0	22.85	22.83	22.87	24	1
10	16QAM	1	25	22.75	22.94	22.83		
10	16QAM	1	49	22.87	22.87	22.75		
10	16QAM	25	0	21.76	21.94	21.81	23	2
10	16QAM	25	12	21.80	21.89	21.75		
10	16QAM	25	25	21.71	21.76	21.80		
10	16QAM	50	0	21.73	21.81	21.81		
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BW [MHz]	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	23.77	23.82	23.73	24.5	0
20	QPSK	1	49	23.65	23.73	23.64		
20	QPSK	1	99	23.63	23.75	23.73		
20	QPSK	50	0	22.64	22.85	22.74	23.5	1
20	QPSK	50	24	22.67	22.71	22.77		
20	QPSK	50	50	22.63	22.71	22.71		
20	QPSK	100	0	22.63	22.81	22.72		
20	16QAM	1	0	22.77	22.78	22.81	23.5	1
20	16QAM	1	49	22.64	22.76	22.73		
20	16QAM	1	99	22.67	22.73	22.72		
20	16QAM	50	0	21.67	21.81	21.68	22.5	2
20	16QAM	50	24	21.62	21.68	21.72		
20	16QAM	50	50	21.61	21.76	21.74		
20	16QAM	100	0	21.60	21.70	21.67		
20	64QAM	1	0	21.78	21.79	21.76	22.5	2
20	64QAM	1	49	21.64	21.73	21.70		
20	64QAM	1	99	21.59	21.69	21.63		
20	64QAM	50	0	20.58	20.79	20.70	21.5	3
20	64QAM	50	24	20.60	20.67	20.65		
20	64QAM	50	50	20.66	20.67	20.62		
20	64QAM	100	0	20.60	20.67	20.67		
20	256QAM	1	0	18.62	18.77	18.74	19.5	5
20	256QAM	1	49	18.69	18.71	18.67		
20	256QAM	1	99	18.63	18.69	18.65		
20	256QAM	50	0	18.61	18.82	18.67	19.5	5
20	256QAM	50	24	18.69	18.71	18.70		
20	256QAM	50	50	18.60	18.78	18.64		
20	256QAM	100	0	18.64	18.74	18.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.70	23.75	23.66	24.5	0
15	QPSK	1	37	23.52	23.58	23.54		
15	QPSK	1	74	23.54	23.70	23.66		
15	QPSK	36	0	22.59	22.73	22.64	23.5	1
15	QPSK	36	20	22.62	22.58	22.69		
15	QPSK	36	39	22.57	22.56	22.59		
15	QPSK	75	0	22.50	22.76	22.69		
15	16QAM	1	0	22.64	22.75	22.73	23.5	1
15	16QAM	1	37	22.58	22.70	22.60		
15	16QAM	1	74	22.60	22.69	22.61		
15	16QAM	36	0	21.53	21.71	21.59	22.5	2
15	16QAM	36	20	21.51	21.54	21.68		
15	16QAM	36	39	21.50	21.69	21.70		
15	16QAM	75	0	21.55	21.62	21.57		
15	64QAM	1	0	21.64	21.76	21.68	22.5	2
15	64QAM	1	37	21.56	21.63	21.67		
15	64QAM	1	74	21.54	21.60	21.48		
15	64QAM	36	0	20.53	20.75	20.59	21.5	3
15	64QAM	36	20	20.49	20.60	20.52		
15	64QAM	36	39	20.53	20.54	20.48		
15	64QAM	75	0	20.55	20.56	20.62		
15	256QAM	1	0	18.49	18.71	18.63	19.5	5
15	256QAM	1	37	18.61	18.60	18.57		
15	256QAM	1	74	18.59	18.56	18.60		
15	256QAM	36	0	18.50	18.73	18.52	19.5	5
15	256QAM	36	20	18.57	18.63	18.59		
15	256QAM	36	39	18.47	18.72	18.53		
15	256QAM	75	0	18.49	18.62	18.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.62	23.67	23.63	24.5	0
10	QPSK	1	25	23.52	23.68	23.54		
10	QPSK	1	49	23.48	23.65	23.63		
10	QPSK	25	0	22.51	22.79	22.70	23.5	1
10	QPSK	25	12	22.64	22.63	22.72		
10	QPSK	25	25	22.51	22.65	22.62		
10	QPSK	50	0	22.49	22.73	22.59		
10	16QAM	1	0	22.62	22.73	22.76	23.5	1
10	16QAM	1	25	22.51	22.71	22.59		
10	16QAM	1	49	22.52	22.60	22.63		
10	16QAM	25	0	21.58	21.67	21.55	22.5	2
10	16QAM	25	12	21.48	21.59	21.57		
10	16QAM	25	25	21.53	21.65	21.63		
10	16QAM	50	0	21.55	21.60	21.56		
10	64QAM	1	0	21.74	21.69	21.66	22.5	2
10	64QAM	1	25	21.53	21.64	21.59		
10	64QAM	1	49	21.47	21.56	21.59		
10	64QAM	25	0	20.48	20.67	20.62	21.5	3
10	64QAM	25	12	20.56	20.59	20.58		
10	64QAM	25	25	20.61	20.58	20.51		
10	64QAM	50	0	20.49	20.59	20.56		
10	256QAM	1	0	18.53	18.68	18.69	19.5	5
10	256QAM	1	25	18.61	18.57	18.62		
10	256QAM	1	49	18.53	18.58	18.55		
10	256QAM	25	0	18.47	18.75	18.59	19.5	5
10	256QAM	25	12	18.63	18.65	18.61		
10	256QAM	25	25	18.47	18.64	18.59		
10	256QAM	50	0	18.58	18.69	18.59		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.66	23.69	23.61	24.5	0
5	QPSK	1	12	23.60	23.66	23.56		
5	QPSK	1	24	23.56	23.62	23.70		
5	QPSK	12	0	22.56	22.71	22.66	23.5	1
5	QPSK	12	7	22.54	22.65	22.71		
5	QPSK	12	13	22.52	22.62	22.59		
5	QPSK	25	0	22.57	22.69	22.60		
5	16QAM	1	0	22.65	22.74	22.72	23.5	1
5	16QAM	1	12	22.57	22.65	22.62		
5	16QAM	1	24	22.59	22.66	22.59		
5	16QAM	12	0	21.53	21.74	21.55	22.5	2
5	16QAM	12	7	21.47	21.62	21.66		
5	16QAM	12	13	21.57	21.70	21.66		
5	16QAM	25	0	21.48	21.61	21.59		
5	64QAM	1	0	21.68	21.75	21.61	22.5	2
5	64QAM	1	12	21.50	21.59	21.63		
5	64QAM	1	24	21.52	21.57	21.49		
5	64QAM	12	0	20.54	20.72	20.59	21.5	3
5	64QAM	12	7	20.53	20.53	20.58		
5	64QAM	12	13	20.61	20.55	20.56		
5	64QAM	25	0	20.54	20.54	20.63		
5	256QAM	1	0	18.52	18.66	18.66	19.5	5
5	256QAM	1	12	18.55	18.61	18.53		
5	256QAM	1	24	18.49	18.54	18.61		
5	256QAM	12	0	18.47	18.72	18.57	19.5	5
5	256QAM	12	7	18.57	18.58	18.56		
5	256QAM	12	13	18.54	18.65	18.58		
5	256QAM	25	0	18.58	18.64	18.55		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.65	23.73	23.89	23.85	23.83	24.5	0
20	QPSK	1	49	23.61	23.70	23.84	23.72	23.76		
20	QPSK	1	99	23.60	23.73	23.82	23.76	23.74		
20	QPSK	50	0	22.63	22.65	22.83	22.68	22.76	23.5	1
20	QPSK	50	24	22.50	22.63	22.73	22.74	22.62		
20	QPSK	50	50	22.48	22.66	22.69	22.66	22.65		
20	QPSK	100	0	22.54	22.62	22.79	22.66	22.74		
20	16QAM	1	0	22.61	22.77	22.86	22.78	22.82	23.5	1
20	16QAM	1	49	22.48	22.69	22.67	22.74	22.53		
20	16QAM	1	99	22.52	22.65	22.76	22.73	22.64		
20	16QAM	50	0	21.63	21.64	21.86	21.75	21.74	22.5	2
20	16QAM	50	24	21.59	21.73	21.75	21.68	21.65		
20	16QAM	50	50	21.58	21.71	21.82	21.78	21.75		
20	16QAM	100	0	21.57	21.70	21.73	21.77	21.68		
20	64QAM	1	0	21.58	21.68	21.74	21.77	21.69	22.5	2
20	64QAM	1	49	21.52	21.65	21.71	21.64	21.67		
20	64QAM	1	99	21.55	21.63	21.70	21.70	21.59		
20	64QAM	50	0	20.61	20.60	20.82	20.64	20.70	21.5	3
20	64QAM	50	24	20.56	20.68	20.79	20.69	20.76		
20	64QAM	50	50	20.61	20.59	20.75	20.67	20.61		
20	64QAM	100	0	20.51	20.60	20.74	20.65	20.62		
20	256QAM	1	0	18.56	18.72	18.78	18.71	18.71	19.5	5
20	256QAM	1	49	18.58	18.67	18.78	18.74	18.64		
20	256QAM	1	99	18.54	18.73	18.76	18.75	18.62		
20	256QAM	50	0	18.68	18.70	18.88	18.70	18.80	19.5	5
20	256QAM	50	24	18.52	18.72	18.75	18.75	18.70		
20	256QAM	50	50	18.61	18.70	18.85	18.71	18.77		
20	256QAM	100	0	18.60	18.67	18.82	18.73	18.71		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.61	23.63	23.83	23.76	23.72	24.50	0
15	QPSK	1	37	23.46	23.57	23.79	23.61	23.73		
15	QPSK	1	74	23.57	23.64	23.77	23.73	23.63		
15	QPSK	36	0	22.54	22.53	22.72	22.60	22.73	23.5	1
15	QPSK	36	20	22.35	22.58	22.63	22.68	22.54		
15	QPSK	36	39	22.42	22.57	22.65	22.60	22.56		
15	QPSK	75	0	22.41	22.55	22.69	22.62	22.71		
15	16QAM	1	0	22.49	22.73	22.73	22.65	22.73	23.5	1
15	16QAM	1	37	22.36	22.61	22.62	22.62	22.48		
15	16QAM	1	74	22.39	22.52	22.70	22.60	22.55		
15	16QAM	36	0	21.58	21.51	21.80	21.61	21.67	22.5	2
15	16QAM	36	20	21.52	21.66	21.61	21.55	21.51		
15	16QAM	36	39	21.48	21.63	21.74	21.67	21.70		
15	16QAM	75	0	21.54	21.58	21.68	21.68	21.54		
15	64QAM	1	0	21.51	21.65	21.70	21.70	21.54	22.5	2
15	64QAM	1	37	21.38	21.55	21.62	21.60	21.57		
15	64QAM	1	74	21.50	21.57	21.67	21.60	21.44		
15	64QAM	36	0	20.46	20.49	20.76	20.59	20.59	21.5	3
15	64QAM	36	20	20.44	20.56	20.68	20.57	20.64		
15	64QAM	36	39	20.47	20.55	20.70	20.52	20.46		
15	64QAM	75	0	20.41	20.46	20.70	20.55	20.50		
15	256QAM	1	0	18.45	18.61	18.65	18.57	18.62	19.5	5
15	256QAM	1	37	18.43	18.54	18.70	18.67	18.56		
15	256QAM	1	74	18.48	18.63	18.73	18.64	18.53		
15	256QAM	36	0	18.55	18.64	18.85	18.62	18.67	19.5	5
15	256QAM	36	20	18.42	18.57	18.63	18.61	18.57		
15	256QAM	36	39	18.54	18.57	18.78	18.57	18.65		
15	256QAM	75	0	18.50	18.63	18.75	18.66	18.60		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.59	23.62	23.77	23.80	23.71	24.50	0
10	QPSK	1	25	23.52	23.64	23.78	23.61	23.62		
10	QPSK	1	49	23.48	23.69	23.71	23.68	23.67		
10	QPSK	25	0	22.50	22.61	22.76	22.57	22.72	23.5	1
10	QPSK	25	12	22.46	22.59	22.66	22.59	22.56		
10	QPSK	25	25	22.39	22.51	22.56	22.53	22.53		
10	QPSK	50	0	22.44	22.50	22.70	22.59	22.63		
10	16QAM	1	0	22.50	22.66	22.79	22.65	22.77	23.5	1
10	16QAM	1	25	22.33	22.66	22.54	22.66	22.40		
10	16QAM	1	49	22.43	22.53	22.65	22.62	22.52		
10	16QAM	25	0	21.57	21.59	21.71	21.65	21.70	22.5	2
10	16QAM	25	12	21.51	21.69	21.64	21.62	21.61		
10	16QAM	25	25	21.52	21.66	21.74	21.66	21.61		
10	16QAM	50	0	21.44	21.66	21.69	21.62	21.65		
10	64QAM	1	0	21.54	21.60	21.71	21.71	21.59	22.5	2
10	64QAM	1	25	21.45	21.61	21.64	21.60	21.56		
10	64QAM	1	49	21.43	21.56	21.56	21.64	21.49		
10	64QAM	25	0	20.49	20.54	20.71	20.58	20.55	21.5	3
10	64QAM	25	12	20.44	20.54	20.73	20.62	20.63		
10	64QAM	25	25	20.52	20.53	20.69	20.55	20.55		
10	64QAM	50	0	20.46	20.48	20.63	20.52	20.50		
10	256QAM	1	0	18.41	18.66	18.66	18.61	18.63	19.5	5
10	256QAM	1	25	18.44	18.61	18.70	18.61	18.54		
10	256QAM	1	49	18.45	18.68	18.67	18.61	18.57		
10	256QAM	25	0	18.60	18.58	18.80	18.64	18.75	19.5	5
10	256QAM	25	12	18.47	18.66	18.61	18.68	18.64		
10	256QAM	25	25	18.51	18.64	18.79	18.65	18.63		
10	256QAM	50	0	18.52	18.52	18.74	18.60	18.62		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.60	23.64	23.83	23.73	23.73	24.50	0
5	QPSK	1	12	23.48	23.66	23.76	23.67	23.61		
5	QPSK	1	24	23.49	23.69	23.77	23.63	23.70		
5	QPSK	12	0	22.49	22.52	22.76	22.62	22.70	23.5	1
5	QPSK	12	7	22.42	22.54	22.69	22.66	22.56		
5	QPSK	12	13	22.40	22.54	22.65	22.54	22.61		
5	QPSK	25	0	22.39	22.50	22.73	22.58	22.68		
5	16QAM	1	0	22.54	22.74	22.71	22.71	22.75	23.5	1
5	16QAM	1	12	22.35	22.59	22.52	22.62	22.41		
5	16QAM	1	24	22.43	22.50	22.64	22.61	22.51		
5	16QAM	12	0	21.55	21.55	21.73	21.68	21.70	22.5	2
5	16QAM	12	7	21.51	21.65	21.65	21.63	21.60		
5	16QAM	12	13	21.46	21.62	21.76	21.64	21.62		
5	16QAM	25	0	21.47	21.59	21.63	21.68	21.60		
5	64QAM	1	0	21.47	21.62	21.70	21.63	21.63	22.5	2
5	64QAM	1	12	21.41	21.52	21.64	21.60	21.54		
5	64QAM	1	24	21.45	21.59	21.59	21.62	21.56		
5	64QAM	12	0	20.49	20.50	20.78	20.53	20.58	21.5	3
5	64QAM	12	7	20.47	20.63	20.69	20.64	20.70		
5	64QAM	12	13	20.48	20.51	20.61	20.58	20.46		
5	64QAM	25	0	20.42	20.52	20.66	20.52	20.47		
5	256QAM	1	0	18.42	18.67	18.73	18.60	18.64	19.5	5
5	256QAM	1	12	18.47	18.55	18.69	18.59	18.51		
5	256QAM	1	24	18.41	18.62	18.68	18.66	18.59		
5	256QAM	12	0	18.63	18.66	18.77	18.66	18.68	19.5	5
5	256QAM	12	7	18.44	18.64	18.61	18.61	18.63		
5	256QAM	12	13	18.47	18.65	18.81	18.59	18.70		
5	256QAM	25	0	18.54	18.60	18.70	18.61	18.62		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.05	21.16	21.08	22.2	0
20	QPSK	1	49	20.97	21.11	21.04		
20	QPSK	1	99	21.00	21.08	20.95		
20	QPSK	50	0	21.05	21.12	21.00	22.2	0
20	QPSK	50	24	20.96	21.02	20.91		
20	QPSK	50	50	20.95	21.06	20.92		
20	QPSK	100	0	21.01	21.08	20.98		
20	16QAM	1	0	21.00	21.11	21.06	22.2	0
20	16QAM	1	49	20.93	21.02	20.89		
20	16QAM	1	99	20.97	21.08	20.96		
20	16QAM	50	0	21.00	21.13	21.03	22.2	0
20	16QAM	50	24	21.01	21.05	20.96		
20	16QAM	50	50	21.05	21.09	21.03		
20	16QAM	100	0	21.05	21.15	21.06		
20	64QAM	1	0	21.04	21.08	21.02	22.2	0
20	64QAM	1	49	21.00	21.13	21.04		
20	64QAM	1	99	20.96	21.05	20.92		
20	64QAM	50	0	21.06	21.11	21.02	22.2	0
20	64QAM	50	24	21.00	21.15	21.03		
20	64QAM	50	50	20.96	21.02	20.94		
20	64QAM	100	0	21.04	21.13	21.07		
20	256QAM	1	0	19.22	19.45	19.29	20.7	1.5
20	256QAM	1	49	19.21	19.44	19.29		
20	256QAM	1	99	19.32	19.34	19.34		
20	256QAM	50	0	19.31	19.49	19.31	20.7	1.5
20	256QAM	50	24	19.28	19.37	19.30		
20	256QAM	50	50	19.22	19.35	19.25		
20	256QAM	100	0	19.25	19.35	19.34		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.93	21.05	20.97	22.2	0
15	QPSK	1	37	20.92	21.03	20.90		
15	QPSK	1	74	20.94	21.03	20.82		
15	QPSK	36	0	20.96	21.07	20.95	22.2	0
15	QPSK	36	20	20.88	20.88	20.87		
15	QPSK	36	39	20.83	20.98	20.82		
15	QPSK	75	0	20.88	20.96	20.84		
15	16QAM	1	0	20.86	21.03	20.99	22.2	0
15	16QAM	1	37	20.85	20.91	20.80		
15	16QAM	1	74	20.84	21.04	20.84		
15	16QAM	36	0	20.91	21.02	20.94	22.2	0
15	16QAM	36	20	20.89	20.98	20.88		
15	16QAM	36	39	21.00	21.05	20.90		
15	16QAM	75	0	20.98	21.06	20.97		
15	64QAM	1	0	20.96	21.02	20.96	22.2	0
15	64QAM	1	37	20.89	21.00	20.94		
15	64QAM	1	74	20.86	20.91	20.80		
15	64QAM	36	0	20.92	21.06	20.87	22.2	0
15	64QAM	36	20	20.94	21.01	20.94		
15	64QAM	36	39	20.82	20.93	20.85		
15	64QAM	75	0	20.92	21.09	20.95		
15	256QAM	1	0	19.08	19.42	19.15	20.7	1.5
15	256QAM	1	37	19.13	19.31	19.19		
15	256QAM	1	74	19.18	19.21	19.24		
15	256QAM	36	0	19.19	19.34	19.17	20.7	1.5
15	256QAM	36	20	19.13	19.32	19.19		
15	256QAM	36	39	19.09	19.31	19.17		
15	256QAM	75	0	19.13	19.28	19.29		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.98	21.06	21.04	22.2	0
10	QPSK	1	25	20.92	21.05	21.01		
10	QPSK	1	49	20.93	21.03	20.87		
10	QPSK	25	0	20.98	20.98	20.94	22.2	0
10	QPSK	25	12	20.83	20.92	20.82		
10	QPSK	25	25	20.90	20.94	20.80		
10	QPSK	50	0	20.91	20.99	20.84		
10	16QAM	1	0	20.87	20.97	20.94	22.2	0
10	16QAM	1	25	20.81	20.95	20.85		
10	16QAM	1	49	20.84	21.02	20.87		
10	16QAM	25	0	20.90	20.98	20.90	22.2	0
10	16QAM	25	12	20.93	21.01	20.90		
10	16QAM	25	25	20.98	21.05	20.90		
10	16QAM	50	0	20.93	21.12	21.02		
10	64QAM	1	0	20.98	20.97	20.88	22.2	0
10	64QAM	1	25	20.86	21.05	20.96		
10	64QAM	1	49	20.91	21.02	20.87		
10	64QAM	25	0	21.00	20.96	20.94	22.2	0
10	64QAM	25	12	20.89	21.11	20.89		
10	64QAM	25	25	20.83	20.89	20.85		
10	64QAM	50	0	20.93	21.07	21.04		
10	256QAM	1	0	19.08	19.42	19.22	20.7	1.5
10	256QAM	1	25	19.07	19.40	19.16		
10	256QAM	1	49	19.19	19.24	19.19		
10	256QAM	25	0	19.26	19.37	19.17	20.7	1.5
10	256QAM	25	12	19.23	19.30	19.20		
10	256QAM	25	25	19.08	19.28	19.12		
10	256QAM	50	0	19.10	19.23	19.30		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.95	21.07	20.94	22.2	0
5	QPSK	1	12	20.86	20.97	20.97		
5	QPSK	1	24	20.97	21.03	20.86		
5	QPSK	12	0	20.98	21.07	20.88	22.2	0
5	QPSK	12	7	20.89	20.94	20.85		
5	QPSK	12	13	20.89	20.91	20.85		
5	QPSK	25	0	20.93	20.99	20.92		
5	16QAM	1	0	20.91	21.00	20.93	22.2	0
5	16QAM	1	12	20.79	20.88	20.79		
5	16QAM	1	24	20.90	21.03	20.87		
5	16QAM	12	0	20.96	21.09	21.00	22.2	0
5	16QAM	12	7	20.90	20.97	20.85		
5	16QAM	12	13	20.96	20.96	20.92		
5	16QAM	25	0	20.95	21.05	20.91		
5	64QAM	1	0	20.98	20.99	20.88	22.2	0
5	64QAM	1	12	20.94	21.00	20.97		
5	64QAM	1	24	20.89	20.91	20.88		
5	64QAM	12	0	21.02	20.96	20.97	22.2	0
5	64QAM	12	7	20.93	21.04	20.93		
5	64QAM	12	13	20.91	20.92	20.79		
5	64QAM	25	0	20.98	21.03	20.96		
5	256QAM	1	0	19.19	19.31	19.20	20.7	1.5
5	256QAM	1	12	19.07	19.35	19.18		
5	256QAM	1	24	19.21	19.22	19.28		
5	256QAM	12	0	19.19	19.37	19.27	20.7	1.5
5	256QAM	12	7	19.16	19.34	19.25		
5	256QAM	12	13	19.15	19.25	19.20		
5	256QAM	25	0	19.13	19.20	19.29		

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BW [MHz]	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	18.95	19.08	18.90	19.7	0
20	QPSK	1	49	18.90	19.04	18.94		
20	QPSK	1	99	18.82	18.95	18.81		
20	QPSK	50	0	18.92	19.05	18.85	19.7	0
20	QPSK	50	24	18.97	19.01	18.97		
20	QPSK	50	50	18.85	18.98	18.90		
20	QPSK	100	0	18.97	19.00	18.89		
20	16QAM	1	0	18.84	18.89	18.78	19.7	0
20	16QAM	1	49	18.85	18.97	18.94		
20	16QAM	1	99	18.87	18.93	18.87		
20	16QAM	50	0	18.98	19.02	18.95	19.7	0
20	16QAM	50	24	18.86	18.99	18.94		
20	16QAM	50	50	18.83	18.95	18.87		
20	16QAM	100	0	18.91	19.00	18.93		
20	64QAM	1	0	18.93	18.97	18.88	19.7	0
20	64QAM	1	49	18.97	19.03	18.97		
20	64QAM	1	99	18.79	18.90	18.75		
20	64QAM	50	0	18.84	18.95	18.82	19.7	0
20	64QAM	50	24	18.86	18.99	18.92		
20	64QAM	50	50	18.96	19.01	18.97		
20	64QAM	100	0	18.98	19.02	18.93		
20	256QAM	1	0	18.83	18.93	18.82	19.7	0
20	256QAM	1	49	18.88	18.98	18.89		
20	256QAM	1	99	18.81	18.89	18.86		
20	256QAM	50	0	18.97	19.01	18.94	19.7	0
20	256QAM	50	24	18.85	18.90	18.79		
20	256QAM	50	50	18.87	18.94	18.79		
20	256QAM	100	0	18.84	18.97	18.90		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.88	19.02	18.75	19.7	0
15	QPSK	1	37	18.84	19.01	18.81		
15	QPSK	1	74	18.68	18.83	18.68		
15	QPSK	36	0	18.87	18.94	18.73	19.7	0
15	QPSK	36	20	18.89	18.87	18.93		
15	QPSK	36	39	18.75	18.85	18.84		
15	QPSK	75	0	18.92	18.87	18.83		
15	16QAM	1	0	18.77	18.84	18.71	19.7	0
15	16QAM	1	37	18.77	18.86	18.88		
15	16QAM	1	74	18.81	18.84	18.80		
15	16QAM	36	0	18.85	18.94	18.86	19.7	0
15	16QAM	36	20	18.78	18.85	18.83		
15	16QAM	36	39	18.79	18.88	18.75		
15	16QAM	75	0	18.80	18.88	18.80		
15	64QAM	1	0	18.88	18.83	18.82	19.7	0
15	64QAM	1	37	18.84	18.92	18.90		
15	64QAM	1	74	18.69	18.85	18.63		
15	64QAM	36	0	18.76	18.92	18.75	19.7	0
15	64QAM	36	20	18.77	18.92	18.79		
15	64QAM	36	39	18.89	18.92	18.84		
15	64QAM	75	0	18.93	18.93	18.86		
15	256QAM	1	0	18.72	18.84	18.74	19.7	0
15	256QAM	1	37	18.82	18.89	18.86		
15	256QAM	1	74	18.73	18.82	18.74		
15	256QAM	36	0	18.88	18.93	18.91	19.7	0
15	256QAM	36	20	18.70	18.84	18.66		
15	256QAM	36	39	18.75	18.80	18.68		
15	256QAM	75	0	18.80	18.90	18.81		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.91	18.94	18.78	19.7	0
10	QPSK	1	25	18.85	18.97	18.91		
10	QPSK	1	49	18.69	18.87	18.67		
10	QPSK	25	0	18.89	19.02	18.75	19.7	0
10	QPSK	25	12	18.89	18.93	18.84		
10	QPSK	25	25	18.75	18.91	18.76		
10	QPSK	50	0	18.93	18.95	18.77		
10	16QAM	1	0	18.75	18.80	18.69	19.7	0
10	16QAM	1	25	18.72	18.87	18.83		
10	16QAM	1	49	18.82	18.79	18.82		
10	16QAM	25	0	18.88	18.92	18.92	19.7	0
10	16QAM	25	12	18.72	18.86	18.87		
10	16QAM	25	25	18.78	18.85	18.82		
10	16QAM	50	0	18.82	18.93	18.80		
10	64QAM	1	0	18.81	18.93	18.76	19.7	0
10	64QAM	1	25	18.93	18.88	18.90		
10	64QAM	1	49	18.70	18.85	18.69		
10	64QAM	25	0	18.72	18.86	18.68	19.7	0
10	64QAM	25	12	18.72	18.95	18.84		
10	64QAM	25	25	18.86	18.93	18.91		
10	64QAM	50	0	18.84	18.92	18.88		
10	256QAM	1	0	18.69	18.85	18.75	19.7	0
10	256QAM	1	25	18.83	18.90	18.83		
10	256QAM	1	49	18.71	18.77	18.81		
10	256QAM	25	0	18.82	18.96	18.86	19.7	0
10	256QAM	25	12	18.82	18.77	18.69		
10	256QAM	25	25	18.77	18.83	18.67		
10	256QAM	50	0	18.69	18.91	18.82		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.85	18.98	18.77	19.7	0
5	QPSK	1	12	18.79	18.91	18.84		
5	QPSK	1	24	18.67	18.86	18.72		
5	QPSK	12	0	18.86	18.91	18.71	19.7	0
5	QPSK	12	7	18.90	18.90	18.82		
5	QPSK	12	13	18.73	18.85	18.84		
5	QPSK	25	0	18.85	18.86	18.86		
5	16QAM	1	0	18.79	18.83	18.64	19.7	0
5	16QAM	1	12	18.81	18.90	18.80		
5	16QAM	1	24	18.79	18.85	18.80		
5	16QAM	12	0	18.86	18.97	18.85	19.7	0
5	16QAM	12	7	18.81	18.86	18.90		
5	16QAM	12	13	18.73	18.87	18.82		
5	16QAM	25	0	18.88	18.88	18.89		
5	64QAM	1	0	18.87	18.82	18.78	19.7	0
5	64QAM	1	12	18.91	18.99	18.89		
5	64QAM	1	24	18.65	18.85	18.60		
5	64QAM	12	0	18.70	18.80	18.68	19.7	0
5	64QAM	12	7	18.73	18.93	18.85		
5	64QAM	12	13	18.90	18.89	18.87		
5	64QAM	25	0	18.92	18.93	18.85		
5	256QAM	1	0	18.69	18.81	18.68	19.7	0
5	256QAM	1	12	18.77	18.88	18.81		
5	256QAM	1	24	18.68	18.80	18.75		
5	256QAM	12	0	18.90	18.92	18.81	19.7	0
5	256QAM	12	7	18.76	18.87	18.73		
5	256QAM	12	13	18.79	18.86	18.69		
5	256QAM	25	0	18.71	18.84	18.76		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.69	24.83	24.80	25.7	0
20	QPSK	1	49	24.68	24.69	24.77		
20	QPSK	1	99	24.66	24.80	24.63		
20	QPSK	50	0	23.73	23.90	23.80	24.7	1
20	QPSK	50	24	23.70	23.81	23.79		
20	QPSK	50	50	23.74	23.87	23.85		
20	QPSK	100	0	23.72	23.86	23.68		
20	16QAM	1	0	23.84	23.95	23.90	24.7	1
20	16QAM	1	49	23.76	23.81	23.80		
20	16QAM	1	99	23.78	23.80	23.76		
20	16QAM	50	0	22.79	22.92	22.81	23.7	2
20	16QAM	50	24	22.80	22.86	22.73		
20	16QAM	50	50	22.68	22.79	22.85		
20	16QAM	100	0	22.78	22.88	22.82		
20	64QAM	1	0	22.91	22.93	23.00	23.7	2
20	64QAM	1	49	22.69	22.86	22.80		
20	64QAM	1	99	22.82	22.82	22.75		
20	64QAM	50	0	21.76	21.90	21.72	22.7	3
20	64QAM	50	24	21.70	21.86	21.84		
20	64QAM	50	50	21.80	21.90	21.72		
20	64QAM	100	0	21.76	21.86	21.79		
20	256QAM	1	0	19.72	19.88	19.80	20.7	5
20	256QAM	1	49	19.70	19.79	19.70		
20	256QAM	1	99	19.67	19.78	19.72		
20	256QAM	50	0	19.68	19.88	19.79	20.7	5
20	256QAM	50	24	19.64	19.76	19.75		
20	256QAM	50	50	19.69	19.85	19.81		
20	256QAM	100	0	19.73	19.82	19.78		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.55	24.79	24.71	25.7	0
15	QPSK	1	37	24.56	24.68	24.74		
15	QPSK	1	74	24.54	24.70	24.50		
15	QPSK	36	0	23.58	23.76	23.76	24.7	1
15	QPSK	36	20	23.63	23.70	23.78		
15	QPSK	36	39	23.59	23.73	23.76		
15	QPSK	75	0	23.61	23.74	23.58		
15	16QAM	1	0	23.75	23.83	23.89	24.7	1
15	16QAM	1	37	23.67	23.71	23.68		
15	16QAM	1	74	23.66	23.78	23.62		
15	16QAM	36	0	22.68	22.91	22.69	23.7	2
15	16QAM	36	20	22.78	22.81	22.60		
15	16QAM	36	39	22.60	22.69	22.82		
15	16QAM	75	0	22.73	22.85	22.74		
15	64QAM	1	0	22.80	22.89	22.97	23.7	2
15	64QAM	1	37	22.64	22.75	22.77		
15	64QAM	1	74	22.80	22.67	22.66		
15	64QAM	36	0	21.74	21.89	21.61	22.7	3
15	64QAM	36	20	21.64	21.84	21.81		
15	64QAM	36	39	21.68	21.76	21.61		
15	64QAM	75	0	21.74	21.84	21.74		
15	256QAM	1	0	19.64	19.76	19.77	20.7	5
15	256QAM	1	37	19.69	19.65	19.56		
15	256QAM	1	74	19.57	19.65	19.64		
15	256QAM	36	0	19.65	19.77	19.65	20.7	5
15	256QAM	36	20	19.58	19.71	19.73		
15	256QAM	36	39	19.66	19.71	19.77		
15	256QAM	75	0	19.60	19.67	19.71		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.64	24.76	24.67	25.7	0
10	QPSK	1	25	24.67	24.56	24.71		
10	QPSK	1	49	24.63	24.78	24.55		
10	QPSK	25	0	23.70	23.86	23.68	24.7	1
10	QPSK	25	12	23.61	23.77	23.76		
10	QPSK	25	25	23.71	23.83	23.77		
10	QPSK	50	0	23.67	23.77	23.64		
10	16QAM	1	0	23.80	23.88	23.78	24.7	1
10	16QAM	1	25	23.69	23.76	23.76		
10	16QAM	1	49	23.63	23.71	23.70		
10	16QAM	25	0	22.73	22.81	22.76	23.7	2
10	16QAM	25	12	22.78	22.82	22.59		
10	16QAM	25	25	22.56	22.67	22.80		
10	16QAM	50	0	22.64	22.79	22.72		
10	64QAM	1	0	22.91	22.87	22.95	23.7	2
10	64QAM	1	25	22.60	22.82	22.75		
10	64QAM	1	49	22.82	22.72	22.74		
10	64QAM	25	0	21.67	21.85	21.62	22.7	3
10	64QAM	25	12	21.57	21.76	21.76		
10	64QAM	25	25	21.69	21.89	21.72		
10	64QAM	50	0	21.73	21.78	21.79		
10	256QAM	1	0	19.62	19.86	19.68	20.7	5
10	256QAM	1	25	19.65	19.69	19.68		
10	256QAM	1	49	19.60	19.76	19.59		
10	256QAM	25	0	19.67	19.87	19.70	20.7	5
10	256QAM	25	12	19.51	19.68	19.75		
10	256QAM	25	25	19.58	19.71	19.81		
10	256QAM	50	0	19.63	19.76	19.70		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.66	24.78	24.74	25.7	0
5	QPSK	1	12	24.56	24.63	24.76		
5	QPSK	1	24	24.65	24.77	24.61		
5	QPSK	12	0	23.59	23.89	23.74	24.7	1
5	QPSK	12	7	23.62	23.81	23.79		
5	QPSK	12	13	23.66	23.84	23.72		
5	QPSK	25	0	23.69	23.84	23.54		
5	16QAM	1	0	23.80	23.83	23.87	24.7	1
5	16QAM	1	12	23.70	23.79	23.73		
5	16QAM	1	24	23.69	23.79	23.71		
5	16QAM	12	0	22.78	22.91	22.71	23.7	2
5	16QAM	12	7	22.78	22.72	22.72		
5	16QAM	12	13	22.55	22.66	22.75		
5	16QAM	25	0	22.65	22.80	22.74		
5	64QAM	1	0	22.85	22.90	22.86	23.7	2
5	64QAM	1	12	22.68	22.79	22.80		
5	64QAM	1	24	22.77	22.72	22.74		
5	64QAM	12	0	21.62	21.87	21.60	22.7	3
5	64QAM	12	7	21.64	21.76	21.69		
5	64QAM	12	13	21.71	21.81	21.72		
5	64QAM	25	0	21.65	21.72	21.68		
5	256QAM	1	0	19.64	19.73	19.76	20.7	5
5	256QAM	1	12	19.56	19.76	19.59		
5	256QAM	1	24	19.55	19.78	19.61		
5	256QAM	12	0	19.61	19.88	19.73	20.7	5
5	256QAM	12	7	19.50	19.67	19.74		
5	256QAM	12	13	19.67	19.79	19.69		
5	256QAM	25	0	19.64	19.78	19.72		

Reduced Power Mode for DSI 5

GSM850 Ant0 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	32.41	32.52	32.47	33.50	23.41	23.52	23.47	24.50
GPRS 1 Tx slot	32.33	32.49	32.44	33.50	23.33	23.49	23.44	24.50
GPRS 2 Tx slots	29.28	29.37	29.41	30.50	23.28	23.37	23.41	24.50
GPRS 3 Tx slots	27.47	27.51	27.58	28.50	23.21	23.25	23.32	24.24
GPRS 4 Tx slots	26.41	26.08	26.35	27.50	23.41	23.08	23.35	24.50
EDGE 1 Tx slot	26.25	26.09	26.30	27.50	17.25	17.09	17.30	18.50
EDGE 2 Tx slots	23.32	23.22	23.34	24.50	17.32	17.22	17.34	18.50
EDGE 3 Tx slots	21.62	21.56	21.45	22.50	17.36	17.30	17.19	18.24
EDGE 4 Tx slots	20.77	20.53	20.65	21.50	17.77	17.53	17.65	18.50

WCDMA V Ant0 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	24.78	24.86	24.75	25.50
3GPP Rel 99	RMC 12.2Kbps	24.90	24.93	24.88	25.50
3GPP Rel 6	HSDPA Subtest-1	23.69	24.01	23.90	24.50
3GPP Rel 6	HSDPA Subtest-2	23.81	23.93	23.86	24.50
3GPP Rel 6	HSDPA Subtest-3	23.20	23.50	23.34	24.00
3GPP Rel 6	HSDPA Subtest-4	23.29	23.50	23.33	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	23.76	23.98	23.92	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.81	23.92	23.76	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	23.22	23.43	23.37	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	23.30	23.45	23.41	24.00
3GPP Rel 6	HSUPA Subtest-1	23.76	23.89	23.90	24.50
3GPP Rel 6	HSUPA Subtest-2	21.72	21.91	21.88	22.50
3GPP Rel 6	HSUPA Subtest-3	22.73	23.01	22.83	23.50
3GPP Rel 6	HSUPA Subtest-4	21.73	21.93	21.88	22.50
3GPP Rel 6	HSUPA Subtest-5	23.76	23.89	23.68	24.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.20	21.34	21.25	22.00

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.82	23.00	22.97		
20	QPSK	1	49	22.87	22.96	22.82	24	0
20	QPSK	1	99	22.78	22.86	22.82		
20	QPSK	50	0	21.97	22.05	21.91		
20	QPSK	50	24	21.90	21.94	21.86	23	1
20	QPSK	50	50	21.79	21.90	21.83		
20	QPSK	100	0	21.92	21.97	21.92		
20	16QAM	1	0	21.88	22.02	21.93		
20	16QAM	1	49	21.90	21.93	21.80	23	1
20	16QAM	1	99	21.84	21.88	21.77		
20	16QAM	50	0	20.72	20.86	20.78		
20	16QAM	50	24	20.77	20.83	20.70	22	2
20	16QAM	50	50	20.87	20.91	20.86		
20	16QAM	100	0	20.84	20.94	20.85		
20	64QAM	1	0	20.91	20.98	20.89		
20	64QAM	1	49	20.86	20.90	20.86	22	2
20	64QAM	1	99	20.76	20.88	20.83		
20	64QAM	50	0	19.83	19.96	19.90		
20	64QAM	50	24	19.85	19.89	19.83	21	3
20	64QAM	50	50	19.71	19.85	19.79		
20	64QAM	100	0	19.88	19.91	19.80		
20	256QAM	1	0	17.81	17.94	17.88		
20	256QAM	1	49	17.86	17.89	17.84	19	5
20	256QAM	1	99	17.81	17.88	17.73		
20	256QAM	50	0	17.84	17.93	17.83		
20	256QAM	50	24	17.76	17.88	17.78	19	5
20	256QAM	50	50	17.81	17.90	17.82		
20	256QAM	100	0	17.78	17.92	17.73		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.83	22.98	22.78		
15	QPSK	1	37	22.74	22.84	22.71	24	0
15	QPSK	1	74	22.64	22.74	22.73		
15	QPSK	36	0	21.91	21.91	21.85		
15	QPSK	36	20	21.84	21.86	21.74	23	1
15	QPSK	36	39	21.69	21.75	21.77		
15	QPSK	75	0	21.81	21.92	21.81		
15	16QAM	1	0	21.74	21.87	21.82		
15	16QAM	1	37	21.81	21.88	21.67	23	1
15	16QAM	1	74	21.75	21.83	21.65		
15	16QAM	36	0	20.66	20.75	20.71		
15	16QAM	36	20	20.72	20.71	20.57	22	2
15	16QAM	36	39	20.72	20.82	20.77		
15	16QAM	75	0	20.73	20.67	20.77		
15	64QAM	1	0	20.77	20.84	20.77		
15	64QAM	1	37	20.61	20.76	20.79	22	2
15	64QAM	1	74	20.61	20.83	20.75		
15	64QAM	36	0	19.71	19.89	19.76		
15	64QAM	36	20	19.78	19.82	19.79	21	3
15	64QAM	36	39	19.59	19.75	19.66		
15	64QAM	75	0	19.82	19.82	19.74		
15	256QAM	1	0	17.71	17.88	17.78		
15	256QAM	1	37	17.71	17.78	17.72	19	5
15	256QAM	1	74	17.78	17.75	17.65		
15	256QAM	36	0	17.73	17.86	17.78		
15	256QAM	36	20	17.67	17.77	17.74	19	5
15	256QAM	36	39	17.75	17.75	17.70		
15	256QAM	75	0	17.66	17.85	17.58		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.83	22.89	22.77		
10	QPSK	1	25	22.79	22.88	22.72	24	0
10	QPSK	1	49	22.67	22.77	22.77		
10	QPSK	25	0	21.91	21.96	21.81		
10	QPSK	25	12	21.78	21.79	21.72	23	1
10	QPSK	25	25	21.71	21.77	21.72		
10	QPSK	50	0	21.87	21.86	21.88		
10	16QAM	1	0	21.84	21.89	21.85		
10	16QAM	1	25	21.80	21.81	21.74	23	1
10	16QAM	1	49	21.72	21.83	21.71		
10	16QAM	25	0	20.61	20.82	20.65		
10	16QAM	25	12	20.66	20.79	20.57	22	2
10	16QAM	25	25	20.74	20.79	20.72		
10	16QAM	50	0	20.75	20.82	20.80		
10	64QAM	1	0	20.87	20.83	20.85		
10	64QAM	1	25	20.83	20.82	20.79	22	2
10	64QAM	1	49	20.71	20.75	20.68		
10	64QAM	25	0	19.77	19.83	19.86		
10	64QAM	25	12	19.72	19.78	19.70	21	3
10	64QAM	25	25	19.61	19.79	19.75		
10	64QAM	50	0	19.78	19.87	19.70		
10	256QAM	1	0	17.75	17.77	17.79		
10	256QAM	1	25	17.78	17.75	17.74	19	5
10	256QAM	1	49	17.75	17.73	17.60		
10	256QAM	25	0	17.70	17.84	17.77		
10	256QAM	25	12	17.71	17.74	17.73	19	5
10	256QAM	25	25	17.72	17.83	17.68		
10	256QAM	50	0	17.69	17.86	17.68		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.81	22.92	22.80		
5	QPSK	1	12	22.74	22.89	22.77	24	0
5	QPSK	1	24	22.72	22.77	22.73		
5	QPSK	12	0	21.83	21.91	21.84		
5	QPSK	12	7	21.84	21.91	21.77	23	1
5	QPSK	12	13	21.69	21.87	21.71		
5	QPSK	25	0	21.78	21.94	21.78		
5	16QAM	1	0	21.81	21.92	21.82		
5	16QAM	1	12	21.88	21.85	21.65	23	1
5	16QAM	1	24	21.79	21.85	21.74		
5	16QAM	12	0	20.60	20.82	20.72		
5	16QAM	12	7	20.63	20.72	20.64	22	2
5	16QAM	12	13	20.79	20.77	20.77		
5	16QAM	25	0	20.75	20.87	20.82		
5	64QAM	1	0	20.81	20.89	20.76		
5	64QAM	1	12	20.73	20.83	20.74	22	2
5	64QAM	1	24	20.65	20.76	20.71		
5	64QAM	12	0	19.70	19.90	19.84		
5	64QAM	12	7	19.70	19.79	19.73	21	3
5	64QAM	12	13	19.66	19.79	19.68		
5	64QAM	25	0	19.79	19.86	19.74		
5	256QAM	1	0	17.66	17.88	17.81		
5	256QAM	1	12	17.83	17.79	17.80	19	5
5	256QAM	1	24	17.69	17.78	17.65		
5	256QAM	12	0	17.71	17.87	17.69		
5	256QAM	12	7	17.67	17.84	17.73	19	5
5	256QAM	12	13	17.69	17.76	17.71		
5	256QAM	25	0	17.68	17.82	17.68		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.79	22.91	22.76		
3	QPSK	1	8	22.80	22.85	22.72	24	0
3	QPSK	1	14	22.67	22.85	22.74		
3	QPSK	8	0	21.93	21.92	21.80		
3	QPSK	8	4	21.83	21.82	21.78	23	1
3	QPSK	8	7	21.67	21.87	21.80		
3	QPSK	15	0	21.86	21.94	21.84		
3	16QAM	1	0	21.77	21.98	21.81		
3	16QAM	1	8	21.80	21.87	21.67	23	1
3	16QAM	1	14	21.72	21.83	21.70		
3	16QAM	8	0	20.58	20.80	20.71		
3	16QAM	8	4	20.66	20.77	20.57	22	2
3	16QAM	8	7	20.76	20.85	20.71		
3	16QAM	15	0	20.78	20.86	20.75		
3	64QAM	1	0	20.79	20.92	20.81		
3	64QAM	1	8	20.74	20.79	20.81	22	2
3	64QAM	1	14	20.62	20.79	20.76		
3	64QAM	8	0	19.68	19.84	19.79		
3	64QAM	8	4	19.71	19.76	19.79	21	3
3	64QAM	8	7	19.67	19.74	19.76		
3	64QAM	15	0	19.77	19.82	19.70		
3	256QAM	1	0	17.71	17.85	17.82		
3	256QAM	1	8	17.79	17.83	17.75	19	5
3	256QAM	1	14	17.67	17.77	17.67		
3	256QAM	8	0	17.74	17.88	17.76		
3	256QAM	8	4	17.70	17.84	17.72	19	5
3	256QAM	8	7	17.67	17.87	17.68		
3	256QAM	15	0	17.65	17.83	17.69		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.86	22.91	22.73		
1.4	QPSK	1	3	22.76	22.92	22.77		
1.4	QPSK	1	5	22.65	22.82	22.67	24	0
1.4	QPSK	3	0	22.87	22.90	22.83		
1.4	QPSK	3	1	22.76	22.86	22.74		
1.4	QPSK	3	3	22.64	22.82	22.69		
1.4	QPSK	6	0	21.79	21.87	21.88	23	1
1.4	16QAM	1	0	21.77	21.96	21.79		
1.4	16QAM	1	3	21.85	21.87	21.68		
1.4	16QAM	1	5	21.71	21.76	21.67	23	1
1.4	16QAM	3	0	21.67	21.82	21.74		
1.4	16QAM	3	1	21.73	21.80	21.60		
1.4	16QAM	3	3	21.76	21.86	21.77		
1.4	16QAM	6	0	20.76	20.88	20.81	22	2
1.4	64QAM	1	0	20.77	20.85	20.74		
1.4	64QAM	1	3	20.83	20.84	20.82		
1.4	64QAM	1	5	20.67	20.83	20.71	22	2
1.4	64QAM	3	0	20.70	20.91	20.80		
1.4	64QAM	3	1	20.77	20.76	20.68		
1.4	64QAM	3	3	20.62	20.78	20.66		
1.4	64QAM	6	0	19.84	19.85	19.70	21	3
1.4	256QAM	1	0	17.69	17.81	17.79		
1.4	256QAM	1	3	17.75	17.82	17.79		
1.4	256QAM	1	5	17.66	17.82	17.58	19	5
1.4	256QAM	3	0	17.74	17.82	17.78		
1.4	256QAM	3	1	17.68	17.79	17.69		
1.4	256QAM	3	3	17.74	17.82	17.67		
1.4	256QAM	6	0	17.66	17.85	17.68	19	5

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	24.47	24.55	24.52		
10	QPSK	1	25	24.38	24.41	24.46	25.5	0
10	QPSK	1	49	24.40	24.42	24.40		
10	QPSK	25	0	23.30	23.53	23.44		
10	QPSK	25	12	23.41	23.43	23.41	24.5	1
10	QPSK	25	25	23.37	23.46	23.41		
10	QPSK	50	0	23.29	23.45	23.39		
10	16QAM	1	0	23.43	23.51	23.53		
10	16QAM	1	25	23.34	23.35	23.36	24.5	1
10	16QAM	1	49	23.30	23.40	23.32		
10	16QAM	25	0	22.29	22.51	22.44		
10	16QAM	25	12	22.31	22.38	22.37	23.5	2
10	16QAM	25	25	22.33	22.43	22.39		
10	16QAM	50	0	22.32	22.38	22.39		
10	64QAM	1	0	22.48	22.50	22.46		
10	64QAM	1	25	22.28	22.35	22.38	23.5	2
10	64QAM	1	49	22.27	22.37	22.36		
10	64QAM	25	0	21.29	21.47	21.34		
10	64QAM	25	12	21.26	21.38	21.39	22.5	3
10	64QAM	25	25	21.34	21.32	21.36		
10	64QAM	50	0	21.30	21.38	21.33		
10	256QAM	1	0	19.34	19.40	19.37		
10	256QAM	1	25	19.30	19.43	19.33	20.5	5
10	256QAM	1	49	19.30	19.44	19.31		
10	256QAM	25	0	19.29	19.48	19.30		
10	256QAM	25	12	19.26	19.40	19.36	20.5	5
10	256QAM	25	25	19.27	19.40	19.35		
10	256QAM	50	0	19.31	19.42	19.35		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.41	24.50	24.47		
5	QPSK	1	12	24.29	24.37	24.42	25.5	0
5	QPSK	1	24	24.25	24.34	24.33		
5	QPSK	12	0	23.15	23.41	23.41		
5	QPSK	12	7	23.37	23.33	23.30	24.5	1
5	QPSK	12	13	23.30	23.39	23.34		
5	QPSK	25	0	23.17	23.41	23.35		
5	16QAM	1	0	23.29	23.45	23.40		
5	16QAM	1	12	23.23	23.27	23.24	24.5	1
5	16QAM	1	24	23.26	23.26	23.21		
5	16QAM	12	0	22.20	22.41	22.30		
5	16QAM	12	7	22.25	22.27	22.31	23.5	2
5	16QAM	12	13	22.20	22.33	22.29		
5	16QAM	25	0	22.27	22.27	22.36		
5	64QAM	1	0	22.43	22.39	22.40		
5	64QAM	1	12	22.19	22.29	22.34	23.5	2
5	64QAM	1	24	22.16	22.25	22.31		
5	64QAM	12	0	21.16	21.34	21.25		
5	64QAM	12	7	21.12	21.32	21.26	22.5	3
5	64QAM	12	13	21.20	21.24	21.23		
5	64QAM	25	0	21.21	21.31	21.28		
5	256QAM	1	0	19.29	19.28	19.23		
5	256QAM	1	12	19.16	19.39	19.20	20.5	5
5	256QAM	1	24	19.25	19.33	19.20		
5	256QAM	12	0	19.19	19.39	19.15		
5	256QAM	12	7	19.13	19.28	19.29	20.5	5
5	256QAM	12	13	19.14	19.27	19.23		
5	256QAM	25	0	19.28	19.29	19.21		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.33	24.41	24.47		
3	QPSK	1	8	24.31	24.34	24.41	25.5	0
3	QPSK	1	14	24.31	24.35	24.31		
3	QPSK	8	0	23.15	23.48	23.39		
3	QPSK	8	4	23.36	23.33	23.37	24.5	1
3	QPSK	8	7	23.24	23.31	23.28		
3	QPSK	15	0	23.17	23.38	23.28		
3	16QAM	1	0	23.39	23.39	23.50		
3	16QAM	1	8	23.19	23.28	23.26	24.5	1
3	16QAM	1	14	23.19	23.25	23.25		
3	16QAM	8	0	22.22	22.36	22.30		
3	16QAM	8	4	22.17	22.24	22.30	23.5	2
3	16QAM	8	7	22.25	22.32	22.26		
3	16QAM	15	0	22.27	22.25	22.26		
3	64QAM	1	0	22.43	22.36	22.39		
3	64QAM	1	8	22.23	22.29	22.28	23.5	2
3	64QAM	1	14	22.20	22.24	22.24		
3	64QAM	8	0	21.19	21.37	21.27		
3	64QAM	8	4	21.13	21.25	21.36	22.5	3
3	64QAM	8	7	21.19	21.24	21.28		
3	64QAM	15	0	21.19	21.24	21.27		
3	256QAM	1	0	19.22	19.35	19.34		
3	256QAM	1	8	19.22	19.29	19.28	20.5	5
3	256QAM	1	14	19.22	19.30	19.18		
3	256QAM	8	0	19.24	19.43	19.23		
3	256QAM	8	4	19.21	19.29	19.29	20.5	5
3	256QAM	8	7	19.24	19.32	19.30		
3	256QAM	15	0	19.22	19.29	19.29		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.40	24.44	24.38		
1.4	QPSK	1	3	24.35	24.36	24.34		
1.4	QPSK	1	5	24.28	24.33	24.30	25.5	0
1.4	QPSK	3	0	24.24	24.41	24.40		
1.4	QPSK	3	1	24.34	24.36	24.33		
1.4	QPSK	3	3	24.24	24.37	24.37		
1.4	QPSK	6	0	23.20	23.37	23.32	24.5	1
1.4	16QAM	1	0	23.30	23.45	23.44		
1.4	16QAM	1	3	23.19	23.22	23.26		
1.4	16QAM	1	5	23.24	23.35	23.23	24.5	1
1.4	16QAM	3	0	23.20	23.47	23.40		
1.4	16QAM	3	1	23.16	23.23	23.32		
1.4	16QAM	3	3	23.23	23.34	23.25		
1.4	16QAM	6	0	22.28	22.31	22.36	23.5	2
1.4	64QAM	1	0	22.40	22.46	22.33		
1.4	64QAM	1	3	22.24	22.30	22.31		
1.4	64QAM	1	5	22.15	22.26	22.23	23.5	2
1.4	64QAM	3	0	22.24	22.41	22.30		
1.4	64QAM	3	1	22.20	22.29	22.29		
1.4	64QAM	3	3	22.24	22.28	22.29		
1.4	64QAM	6	0	21.22	21.34	21.19	22.5	3
1.4	256QAM	1	0	19.28	19.30	19.27		
1.4	256QAM	1	3	19.22	19.30	19.19		
1.4	256QAM	1	5	19.26	19.38	19.28	20.5	5
1.4	256QAM	3	0	19.19	19.42	19.19		
1.4	256QAM	3	1	19.18	19.26	19.32		
1.4	256QAM	3	3	19.19	19.25	19.27		
1.4	256QAM	6	0	19.25	19.36	19.29	20.5	5

Band 7 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.75	22.84	22.72		
20	QPSK	1	49	22.71	22.76	22.65	24	0
20	QPSK	1	99	22.60	22.74	22.61		
20	QPSK	50	0	21.64	21.78	21.67		
20	QPSK	50	24	21.61	21.70	21.63	23	1
20	QPSK	50	50	21.52	21.65	21.56		
20	QPSK	100	0	21.63	21.73	21.64		
20	16QAM	1	0	21.69	21.77	21.74		
20	16QAM	1	49	21.54	21.68	21.60	23	1
20	16QAM	1	99	21.50	21.64	21.53		
20	16QAM	50	0	20.67	20.72	20.68		
20	16QAM	50	24	20.59	20.67	20.54	22	2
20	16QAM	50	50	20.55	20.63	20.57		
20	16QAM	100	0	20.61	20.67	20.55		
20	64QAM	1	0	20.65	20.69	20.58		
20	64QAM	1	49	20.59	20.70	20.64	22	2
20	64QAM	1	99	20.56	20.69	20.60		
20	64QAM	50	0	19.72	19.78	19.72		
20	64QAM	50	24	19.53	19.65	19.61	21	3
20	64QAM	50	50	19.55	19.62	19.48		
20	64QAM	100	0	19.55	19.66	19.59		
20	256QAM	1	0	17.66	17.71	17.65		
20	256QAM	1	49	17.52	17.63	17.53	19	5
20	256QAM	1	99	17.54	17.66	17.53		
20	256QAM	50	0	17.60	17.74	17.64		
20	256QAM	50	24	17.53	17.65	17.51	19	5
20	256QAM	50	50	17.59	17.70	17.62		
20	256QAM	100	0	17.57	17.66	17.63		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.71	22.71	22.64		
15	QPSK	1	37	22.61	22.62	22.61	24	0
15	QPSK	1	74	22.52	22.64	22.47		
15	QPSK	36	0	21.51	21.73	21.52		
15	QPSK	36	20	21.52	21.64	21.58	23	1
15	QPSK	36	39	21.47	21.52	21.45		
15	QPSK	75	0	21.55	21.60	21.60		
15	16QAM	1	0	21.64	21.74	21.66		
15	16QAM	1	37	21.51	21.62	21.55	23	1
15	16QAM	1	74	21.35	21.53	21.41		
15	16QAM	36	0	20.59	20.65	20.57		
15	16QAM	36	20	20.47	20.57	20.42	22	2
15	16QAM	36	39	20.48	20.54	20.47		
15	16QAM	75	0	20.55	20.59	20.43		
15	64QAM	1	0	20.51	20.64	20.50		
15	64QAM	1	37	20.53	20.66	20.55	22	2
15	64QAM	1	74	20.48	20.58	20.53		
15	64QAM	36	0	19.60	19.70	19.64		
15	64QAM	36	20	19.45	19.55	19.56	21	3
15	64QAM	36	39	19.51	19.55	19.37		
15	64QAM	75	0	19.46	19.58	19.54		
15	256QAM	1	0	17.61	17.66	17.56		
15	256QAM	1	37	17.43	17.52	17.39	19	5
15	256QAM	1	74	17.42	17.61	17.45		
15	256QAM	36	0	17.49	17.61	17.54		
15	256QAM	36	20	17.44	17.56	17.44	19	5
15	256QAM	36	39	17.47	17.67	17.57		
15	256QAM	75	0	17.44	17.57	17.51		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.71	22.73	22.67		
10	QPSK	1	25	22.60	22.63	22.55	24	0
10	QPSK	1	49	22.52	22.63	22.57		
10	QPSK	25	0	21.52	21.70	21.57		
10	QPSK	25	12	21.48	21.58	21.54	23	1
10	QPSK	25	25	21.40	21.56	21.48		
10	QPSK	50	0	21.52	21.70	21.51		
10	16QAM	1	0	21.66	21.67	21.65		
10	16QAM	1	25	21.49	21.61	21.49	23	1
10	16QAM	1	49	21.45	21.53	21.44		
10	16QAM	25	0	20.60	20.62	20.53		
10	16QAM	25	12	20.55	20.53	20.45	22	2
10	16QAM	25	25	20.48	20.58

Band 13 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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.63			
10	QPSK	1	25		23.56		24.5	0
10	QPSK	1	49		23.54			
10	QPSK	25	0		22.67			
10	QPSK	25	12		22.60		23.5	1
10	QPSK	25	25		22.64			
10	QPSK	50	0		22.62			
10	16QAM	1	0		22.65			
10	16QAM	1	25		22.56		23.5	1
10	16QAM	1	49		22.52			
10	16QAM	25	0		21.64			
10	16QAM	25	12		21.50		22.5	2
10	16QAM	25	25		21.50			
10	16QAM	50	0		21.57			
10	64QAM	1	0		21.68			
10	64QAM	1	25		21.49		22.5	2
10	64QAM	1	49		21.44			
10	64QAM	25	0		20.60			
10	64QAM	25	12		20.49		21.5	3
10	64QAM	25	25		20.50			
10	64QAM	50	0		20.53			
10	256QAM	1	0		18.60			
10	256QAM	1	25		18.63		19.5	5
10	256QAM	1	49		18.58			
10	256QAM	25	0		18.68			
10	256QAM	25	12		18.60		19.5	5
10	256QAM	25	25		18.56			
10	256QAM	50	0		18.64			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.38	23.50	23.43	24.5	0
5	QPSK	1	12	23.35	23.49	23.45		
5	QPSK	1	24	23.34	23.47	23.39		
5	QPSK	12	0	22.49	22.58	22.51		
5	QPSK	12	7	22.35	22.46	22.32	23.5	1
5	QPSK	12	13	22.45	22.59	22.45		
5	QPSK	25	0	22.46	22.53	22.43		
5	16QAM	1	0	22.47	22.51	22.37		
5	16QAM	1	12	22.41	22.53	22.37	23.5	1
5	16QAM	1	24	22.33	22.38	22.33		
5	16QAM	12	0	21.53	21.57	21.40		
5	16QAM	12	7	21.31	21.39	21.36	22.5	2
5	16QAM	12	13	21.31	21.47	21.28		
5	16QAM	25	0	21.49	21.51	21.42		
5	64QAM	1	0	21.48	21.58	21.51		
5	64QAM	1	12	21.32	21.36	21.33	22.5	2
5	64QAM	1	24	21.33	21.34	21.17		
5	64QAM	12	0	20.38	20.53	20.45		
5	64QAM	12	7	20.26	20.41	20.28	21.5	3
5	64QAM	12	13	20.31	20.36	20.36		
5	64QAM	25	0	20.33	20.48	20.26		
5	256QAM	1	0	18.47	18.55	18.43		
5	256QAM	1	12	18.46	18.55	18.46	19.5	5
5	256QAM	1	24	18.38	18.53	18.45		
5	256QAM	12	0	18.51	18.53	18.45		
5	256QAM	12	7	18.46	18.53	18.37	19.5	5
5	256QAM	12	13	18.38	18.43	18.43		
5	256QAM	25	0	18.46	18.54	18.42		

Band 17 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.64	24.70	24.59	25.5	0
10	QPSK	1	25	24.47	24.64	24.59		
10	QPSK	1	49	24.56	24.56	24.58		
10	QPSK	25	0	23.50	23.66	23.58		
10	QPSK	25	12	23.52	23.61	23.49	24.5	1
10	QPSK	25	25	23.55	23.52	23.51		
10	QPSK	50	0	23.50	23.62	23.50		
10	16QAM	1	0	23.69	23.76	23.71		
10	16QAM	1	25	23.44	23.57	23.55	24.5	1
10	16QAM	1	49	23.50	23.51	23.47		
10	16QAM	25	0	22.52	22.70	22.57		
10	16QAM	25	12	22.59	22.58	22.61	23.5	2
10	16QAM	25	25	22.58	22.58	22.54		
10	16QAM	50	0	22.48	22.60	22.56		
10	64QAM	1	0	22.58	22.76	22.67		
10	64QAM	1	25	22.43	22.54	22.49	23.5	2
10	64QAM	1	49	22.40	22.50	22.41		
10	64QAM	25	0	21.51	21.64	21.48		
10	64QAM	25	12	21.48	21.51	21.51	22.5	3
10	64QAM	25	25	21.44	21.61	21.51		
10	64QAM	50	0	21.43	21.60	21.48		
10	256QAM	1	0	19.56	19.57	19.59		
10	256QAM	1	25	19.50	19.59	19.55	20.5	5
10	256QAM	1	49	19.52	19.60	19.53		
10	256QAM	25	0	19.52	19.68	19.58		
10	256QAM	25	12	19.56	19.53	19.57	20.5	5
10	256QAM	25	25	19.48	19.57	19.60		
10	256QAM	50	0	19.52	19.56	19.51		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.58	24.55	24.50	25.5	0
5	QPSK	1	12	24.41	24.59	24.51		
5	QPSK	1	24	24.47	24.49	24.54		
5	QPSK	12	0	23.45	23.55	23.49		
5	QPSK	12	7	23.46	23.57	23.40	24.5	1
5	QPSK	12	13	23.47	23.38	23.46		
5	QPSK	25	0	23.45	23.59	23.39		
5	16QAM	1	0	23.63	23.71	23.61		
5	16QAM	1	12	23.35	23.51	23.47	24.5	1
5	16QAM	1	24	23.41	23.42	23.37		
5	16QAM	12	0	22.43	22.66	22.51		
5	16QAM	12	7	22.51	22.50	22.57	23.5	2
5	16QAM	12	13	22.52	22.47	22.49		
5	16QAM	25	0	22.42	22.56	22.44		
5	64QAM	1	0	22.44	22.64	22.62		
5	64QAM	1	12	22.35	22.44	22.39	23.5	2
5	64QAM	1	24	22.37	22.42	22.36		
5	64QAM	12	0	21.43	21.49	21.43		
5	64QAM	12	7	21.44	21.46	21.42	22.5	3
5	64QAM	12	13	21.40	21.48	21.44		
5	64QAM	25	0	21.32	21.50	21.43		
5	256QAM	1	0	19.51	19.44	19.49		
5	256QAM	1	12	19.40	19.49	19.44	20.5	5
5	256QAM	1	24	19.44	19.45	19.44		
5	256QAM	12	0	19.41	19.54	19.49		
5	256QAM	12	7	19.51	19.40	19.43	20.5	5
5	256QAM	12	13	19.40	19.52	19.57		
5	256QAM	25	0	19.45	19.46	19.46		

Band 26 Ant0 for FCC 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	24.35	24.58	24.41		
15	QPSK	1	37	24.42	24.48	24.40	25.5	0
15	QPSK	1	74	24.35	24.49	24.49		
15	QPSK	36	0	23.38	23.50	23.33		
15	QPSK	36	20	23.37	23.42	23.41	24.5	1
15	QPSK	36	39	23.29	23.46	23.36		
15	QPSK	75	0	23.26	23.47	23.37		
15	16QAM	1	0	23.34	23.52	23.39		
15	16QAM	1	37	23.26	23.27	23.23	24.5	1
15	16QAM	1	74	23.23	23.27	23.28		
15	16QAM	36	0	22.31	22.43	22.32		
15	16QAM	36	20	22.27	22.34	22.27	23.5	2
15	16QAM	36	39	22.24	22.37	22.31		
15	16QAM	75	0	22.28	22.35	22.33		
15	64QAM	1	0	22.42	22.53	22.49		
15	64QAM	1	37	22.26	22.36	22.35	23.5	2
15	64QAM	1	74	22.34	22.39	22.37		
15	64QAM	36	0	21.31	21.48	21.36		
15	64QAM	36	20	21.35	21.33	21.30	22.5	3
15	64QAM	36	39	21.31	21.43	21.38		
15	64QAM	75	0	21.31	21.44	21.34		
15	256QAM	1	0	19.24	19.35	19.34		
15	256QAM	1	37	19.29	19.38	19.27	20.5	5
15	256QAM	1	74	19.24	19.32	19.26		
15	256QAM	36	0	19.26	19.45	19.26		
15	256QAM	36	20	19.24	19.35	19.33	20.5	5
15	256QAM	36	39	19.27	19.39	19.36		
15	256QAM	75	0	19.29	19.34	19.37		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.23	24.47	24.33		
10	QPSK	1	25	24.34	24.39	24.26	25.5	0
10	QPSK	1	49	24.24	24.37	24.36		
10	QPSK	25	0	23.33	23.39	23.18		
10	QPSK	25	12	23.31	23.35	23.30	24.5	1
10	QPSK	25	25	23.23	23.37	23.27		
10	QPSK	50	0	23.23	23.33	23.33		
10	16QAM	1	0	23.27	23.47	23.36		
10	16QAM	1	25	23.14	23.13	23.12	24.5	1
10	16QAM	1	49	23.20	23.14	23.17		
10	16QAM	25	0	22.26	22.32	22.19		
10	16QAM	25	12	22.16	22.24	22.22	23.5	2
10	16QAM	25	25	22.15	22.26	22.21		
10	16QAM	50	0	22.18	22.24	22.22		
10	64QAM	1	0	22.34	22.50	22.34		
10	64QAM	1	25	22.11	22.25	22.20	23.5	2
10	64QAM	1	49	22.30	22.30	22.24		
10	64QAM	25	0	21.18	21.43	21.24		
10	64QAM	25	12	21.27	21.27	21.21	22.5	3
10	64QAM	25	25	21.27	21.37	21.25		
10	64QAM	50	0	21.17	21.36	21.20		
10	256QAM	1	0	19.17	19.22	19.29		
10	256QAM	1	25	19.25	19.24	19.21	20.5	5
10	256QAM	1	49	19.18	19.27	19.15		
10	256QAM	25	0	19.21	19.37	19.21		
10	256QAM	25	12	19.19	19.24	19.19	20.5	5
10	256QAM	25	25	19.15	19.24	19.31		
10	256QAM	50	0	19.20	19.22	19.30		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.29	24.49	24.32	25.5	0
5	QPSK	1	12	24.28	24.40	24.27		
5	QPSK	1	24	24.29	24.40	24.43		
5	QPSK	12	0	23.32	23.38	23.22		
5	QPSK	12	7	23.28	23.33	23.27	24.5	1
5	QPSK	12	13	23.23	23.35	23.30		
5	QPSK	25	0	23.13	23.33	23.31		
5	16QAM	1	0	23.27	23.44	23.24		
5	16QAM	1	12	23.11	23.19	23.11	24.5	1
5	16QAM	1	24	23.08	23.19	23.22		
5	16QAM	12	0	22.23	22.29	22.21		
5	16QAM	12	7	22.17	22.24	22.21	23.5	2
5	16QAM	12	13	22.14	22.24	22.28		
5	16QAM	25	0	22.25	22.23	22.22		
5	64QAM	1	0	22.36	22.39	22.35		
5	64QAM	1	12	22.12	22.25	22.30	23.5	2
5	64QAM	1	24	22.27	22.35	22.34		
5	64QAM	12	0	21.21	21.35	21.27		
5	64QAM	12	7	21.23	21.19	21.23	22.5	3
5	64QAM	12	13	21.17	21.39	21.33		
5	64QAM	25	0	21.26	21.32	21.28		
5	256QAM	1	0	19.13	19.27	19.24		
5	256QAM	1	12	19.16	19.25	19.23	20.5	5
5	256QAM	1	24	19.13	19.29	19.20		
5	256QAM	12	0	19.11	19.32	19.13		
5	256QAM	12	7	19.17	19.31	19.28	20.5	5
5	256QAM	12	13	19.12	19.34	19.28		
5	256QAM	25	0	19.19	19.30	19.30		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.24	24.49	24.38	25.5	0
3	QPSK	1	8	24.38	24.43	24.28		
3	QPSK	1	14	24.25	24.44	24.39		
3	QPSK	8	0	23.35	23.44	23.29		
3	QPSK	8	4	23.35	23.33	23.36	24.5	1
3	QPSK	8	7	23.20	23.34	23.25		
3	QPSK	15	0	23.12	23.39	23.28		
3	16QAM	1	0	23.20	23.46	23.31		
3	16QAM	1	8	23.23	23.18	23.20	24.5	1
3	16QAM	1	14	23.13	23.22	23.21		
3	16QAM	8	0	22.20	22.36	22.22		
3	16QAM	8	4	22.17	22.29	22.20	23.5	2
3	16QAM	8	7	22.21	22.33	22.16		
3	16QAM	15	0	22.19	22.28	22.20		
3	64QAM	1	0	22.33	22.43	22.39		
3	64QAM	1	8	22.18	22.25	22.29	23.5	2
3	64QAM	1	14	22.22	22.24	22.32		
3	64QAM	8	0	21.20	21.36	21.28		
3	64QAM	8	4	21.22	21.30	21.22	22.5	3
3	64QAM	8	7	21.21	21.34	21.24		
3	64QAM	15	0	21.25	21.30	21.24		
3	256QAM	1	0	19.13	19.29	19.23		
3	256QAM	1	8	19.22	19.26	19.20	20.5	5
3	256QAM	1	14	19.18	19.19	19.22		
3	256QAM	8	0	19.16	19.32	19.16		
3	256QAM	8	4	19.16	19.25	19.21	20.5	5
3	256QAM	8	7	19.21	19.26	19.31		
3	256QAM	15	0	19.22	19.29	19.24		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.28	24.46	24.34	25.5	0
1.4	QPSK	1	3	24.33	24.35	24.32		
1.4	QPSK	1	5	24.26	24.46	24.43		
1.4	QPSK	3	0	24.24	24.41	24.24		
1.4	QPSK	3	1	24.33	24.27	24.37		
1.4	QPSK	3	3	24.23	24.32	24.22		
1.4	QPSK	6	0	23.22	23.35	23.22	24.5	1
1.4	16QAM	1	0	23.23	23.48	23.26	24.5	1
1.4	16QAM	1	3	23.16	23.17	23.18		
1.4	16QAM	1	5	23.15	23.21	23.20		
1.4	16QAM	3	0	23.23	23.30	23.28		
1.4	16QAM	3	1	23.21	23.28	23.22		
1.4	16QAM	3	3	23.16	23.26	23.26		
1.4	16QAM	6	0	22.24	22.23	22.25	23.5	2
1.4	64QAM	1	0	22.27	22.47	22.37	23.5	2
1.4	64QAM	1	3	22.17	22.32	22.23		
1.4	64QAM	1	5	22.20	22.26	22.29		
1.4	64QAM	3	0	22.18	22.44	22.31		
1.4	64QAM	3	1	22.32	22.19	22.24		
1.4	64QAM	3	3	22.25	22.37	22.35		
1.4	64QAM	6	0	21.25	21.41	21.23	22.5	3
1.4	256QAM	1	0	19.20	19.31	19.24	20.5	5
1.4	256QAM	1	3	19.22	19.26	19.22		
1.4	256QAM	1	5	19.21	19.18	19.19		
1.4	256QAM	3	0	19.22	19.30	19.16		
1.4	256QAM	3	1	19.19	19.29	19.19		
1.4	256QAM	3	3	19.17	19.35	19.26		
1.4	256QAM	6	0	19.14	19.26	19.27	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.78	23.02	22.84		
20	QPSK	1	49	22.86	22.91	22.93	24	0
20	QPSK	1	99	22.84	22.96	22.94		
20	QPSK	50	0	21.75	21.95	21.80		
20	QPSK	50	24	21.81	21.85	21.80	23	1
20	QPSK	50	50	21.73	21.82	21.87		
20	QPSK	100	0	21.70	21.90	21.81		
20	16QAM	1	0	21.77	21.94	21.88		
20	16QAM	1	49	21.80	21.86	21.83	23	1
20	16QAM	1	99	21.82	21.92	21.83		
20	16QAM	50	0	20.74	20.93	20.78		
20	16QAM	50	24	20.71	20.78	20.85	22	2
20	16QAM	50	50	20.76	20.89	20.77		
20	16QAM	100	0	20.80	20.79	20.83		
20	64QAM	1	0	20.82	20.91	20.88		
20	64QAM	1	49	20.89	20.94	20.86	22	2
20	64QAM	1	99	20.81	20.92	20.94		
20	64QAM	50	0	19.85	19.98	19.82		
20	64QAM	50	24	19.86	19.94	19.85	21	3
20	64QAM	50	50	19.86	19.89	19.85		
20	64QAM	100	0	19.86	19.84	19.88		
20	256QAM	1	0	17.78	17.86	17.74		
20	256QAM	1	49	17.78	17.85	17.76	19	5
20	256QAM	1	99	17.69	17.81	17.78		
20	256QAM	50	0	17.70	17.90	17.81		
20	256QAM	50	24	17.70	17.79	17.82	19	5
20	256QAM	50	50	17.76	17.77	17.81		
20	256QAM	100	0	17.74	17.86	17.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.68	22.98	22.69		
15	QPSK	1	37	22.74	22.96	22.82	24	0
15	QPSK	1	74	22.75	22.85	22.80		
15	QPSK	36	0	21.64	21.89	21.72		
15	QPSK	36	20	21.67	21.70	21.72	23	1
15	QPSK	36	39	21.66	21.73	21.74		
15	QPSK	75	0	21.61	21.81	21.72		
15	16QAM	1	0	21.66	21.82	21.78		
15	16QAM	1	37	21.66	21.75	21.74	23	1
15	16QAM	1	74	21.74	21.86	21.74		
15	16QAM	36	0	20.66	20.80	20.71		
15	16QAM	36	20	20.58	20.74	20.74	22	2
15	16QAM	36	39	20.67	20.84	20.73		
15	16QAM	75	0	20.75	20.86	20.80		
15	64QAM	1	0	20.71	20.81	20.81		
15	64QAM	1	37	20.79	20.85	20.77	22	2
15	64QAM	1	74	20.72	20.83	20.90		
15	64QAM	36	0	19.77	19.94	19.73		
15	64QAM	36	20	19.74	19.89	19.81	21	3
15	64QAM	36	39	19.73	19.85	19.80		
15	64QAM	75	0	19.73	19.76	19.81		
15	256QAM	1	0	17.74	17.72	17.69		
15	256QAM	1	37	17.68	17.74	17.65	19	5
15	256QAM	1	74	17.55	17.67	17.65		
15	256QAM	36	0	17.60	17.76	17.78		
15	256QAM	36	20	17.57	17.74	17.76	19	5
15	256QAM	36	39	17.57	17.67	17.77		
15	256QAM	75	0	17.64	17.81	17.64		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.72	22.98	22.80	24	0
10	QPSK	1	25	22.74	22.86	22.81		
10	QPSK	1	49	22.73	22.90	22.88		
10	QPSK	25	0	21.72	21.87	21.77	23	1
10	QPSK	25	12	21.66	21.76	21.67		
10	QPSK	25	25	21.59	21.70	21.82		
10	QPSK	50	0	21.67	21.86	21.76		
10	16QAM	1	0	21.69	21.89	21.73		
10	16QAM	1	25	21.68	21.82	21.72	23	1
10	16QAM	1	49	21.77	21.88	21.72		
10	16QAM	25	0	20.60	20.81	20.75		
10	16QAM	25	12	20.65	20.68	20.74	22	2
10	16QAM	25	25	20.71	20.80	20.68		
10	16QAM	50	0	20.67	20.72	20.74		
10	64QAM	1	0	20.71	20.84	20.76		
10	64QAM	1	25	20.77	20.84	20.79	22	2
10	64QAM	1	49	20.67	20.85	20.89		
10	64QAM	25	0	19.77	19.91	19.70		
10	64QAM	25	12	19.82	19.77	19.76	21	3
10	64QAM	25	25	19.75	19.80	19.71		
10	64QAM	50	0	19.77	19.76	19.73		
10	256QAM	1	0	17.67	17.76	17.64		
10	256QAM	1	25	17.64	17.73	17.67	19	5
10	256QAM	1	49	17.63	17.75	17.65		
10	256QAM	25	0	17.66	17.75	17.75		
10	256QAM	25	12	17.61	17.76	17.73	19	5
10	256QAM	25	25	17.69	17.71	17.75		
10	256QAM	50	0	17.59	17.74	17.66		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.73	22.92	22.70	24	0
5	QPSK	1	12	22.75	22.83	22.82		
5	QPSK	1	24	22.70	22.93	22.86		
5	QPSK	12	0	21.71	21.91	21.75	23	1
5	QPSK	12	7	21.71	21.74	21.74		
5	QPSK	12	13	21.64	21.69	21.79		
5	QPSK	25	0	21.62	21.77	21.70		
5	16QAM	1	0	21.71	21.90	21.82		
5	16QAM	1	12	21.67	21.78	21.76	23	1
5	16QAM	1	24	21.72	21.77	21.71		
5	16QAM	12	0	20.66	20.80	20.69		
5	16QAM	12	7	20.61	20.71	20.79	22	2
5	16QAM	12	13	20.72	20.81	20.68		
5	16QAM	25	0	20.76	20.74	20.76		
5	64QAM	1	0	20.77	20.86	20.81		
5	64QAM	1	12	20.83	20.79	20.77	22	2
5	64QAM	1	24	20.76	20.80	20.88		
5	64QAM

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BW [MHz]	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	22.60	22.66	22.62	23.5	0
20	QPSK	1	49	22.54	22.62	22.51		
20	QPSK	1	99	22.53	22.53	22.61		
20	QPSK	50	0	21.40	21.56	21.39	22.5	1
20	QPSK	50	24	21.36	21.50	21.43		
20	QPSK	50	50	21.36	21.48	21.52		
20	QPSK	100	0	21.32	21.56	21.40		
20	16QAM	1	0	21.48	21.54	21.53	22.5	1
20	16QAM	1	49	21.40	21.46	21.36		
20	16QAM	1	99	21.29	21.44	21.47		
20	16QAM	50	0	20.32	20.48	20.38	21.5	2
20	16QAM	50	24	20.30	20.41	20.33		
20	16QAM	50	50	20.28	20.40	20.30		
20	16QAM	100	0	20.32	20.33	20.32		
20	64QAM	1	0	20.44	20.51	20.55	21.5	2
20	64QAM	1	49	20.43	20.54	20.37		
20	64QAM	1	99	20.44	20.45	20.50		
20	64QAM	50	0	19.36	19.51	19.40	20.5	3
20	64QAM	50	24	19.39	19.45	19.44		
20	64QAM	50	50	19.38	19.47	19.41		
20	64QAM	100	0	19.34	19.45	19.40		
20	256QAM	1	0	17.33	17.42	17.43	18.5	5
20	256QAM	1	49	17.38	17.44	17.44		
20	256QAM	1	99	17.42	17.51	17.35		
20	256QAM	50	0	17.32	17.54	17.48	18.5	5
20	256QAM	50	24	17.42	17.44	17.40		
20	256QAM	50	50	17.44	17.42	17.34		
20	256QAM	100	0	17.40	17.44	17.42		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.47	22.56	22.49	23.5	0
15	QPSK	1	37	22.51	22.56	22.42		
15	QPSK	1	74	22.46	22.41	22.55		
15	QPSK	36	0	21.30	21.49	21.32	22.5	1
15	QPSK	36	20	21.26	21.37	21.37		
15	QPSK	36	39	21.30	21.37	21.48		
15	QPSK	75	0	21.21	21.45	21.26		
15	16QAM	1	0	21.34	21.49	21.44	22.5	1
15	16QAM	1	37	21.28	21.32	21.25		
15	16QAM	1	74	21.20	21.36	21.37		
15	16QAM	36	0	20.19	20.34	20.34	21.5	2
15	16QAM	36	20	20.27	20.34	20.21		
15	16QAM	36	39	20.19	20.29	20.21		
15	16QAM	75	0	20.24	20.24	20.29		
15	64QAM	1	0	20.37	20.41	20.41	21.5	2
15	64QAM	1	37	20.35	20.44	20.33		
15	64QAM	1	74	20.29	20.39	20.39		
15	64QAM	36	0	19.21	19.45	19.34	20.5	3
15	64QAM	36	20	19.27	19.36	19.39		
15	64QAM	36	39	19.28	19.39	19.37		
15	64QAM	75	0	19.26	19.32	19.36		
15	256QAM	1	0	17.25	17.35	17.29	18.5	5
15	256QAM	1	37	17.28	17.38	17.34		
15	256QAM	1	74	17.29	17.41	17.21		
15	256QAM	36	0	17.28	17.48	17.40	18.5	5
15	256QAM	36	20	17.38	17.30	17.33		
15	256QAM	36	39	17.34	17.34	17.30		
15	256QAM	75	0	17.34	17.32	17.34		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.49	22.59	22.57	23.5	0
10	QPSK	1	25	22.50	22.55	22.38		
10	QPSK	1	49	22.50	22.40	22.56		
10	QPSK	25	0	21.34	21.41	21.33	22.5	1
10	QPSK	25	12	21.22	21.41	21.35		
10	QPSK	25	25	21.31	21.36	21.40		
10	QPSK	50	0	21.25	21.47	21.33		
10	16QAM	1	0	21.38	21.45	21.49	22.5	1
10	16QAM	1	25	21.25	21.36	21.26		
10	16QAM	1	49	21.20	21.38	21.44		
10	16QAM	25	0	20.24	20.42	20.23	21.5	2
10	16QAM	25	12	20.25	20.36	20.20		
10	16QAM	25	25	20.19	20.25	20.26		
10	16QAM	50	0	20.20	20.24	20.26		
10	64QAM	1	0	20.29	20.41	20.52	21.5	2
10	64QAM	1	25	20.35	20.41	20.33		
10	64QAM	1	49	20.39	20.36	20.40		
10	64QAM	25	0	19.22	19.45	19.33	20.5	3
10	64QAM	25	12	19.35	19.31	19.29		
10	64QAM	25	25	19.31	19.40	19.28		
10	64QAM	50	0	19.30	19.34	19.26		
10	256QAM	1	0	17.24	17.36	17.34	18.5	5
10	256QAM	1	25	17.31	17.38	17.31		
10	256QAM	1	49	17.29	17.46	17.29		
10	256QAM	25	0	17.20	17.40	17.42	18.5	5
10	256QAM	25	12	17.28	17.33	17.26		
10	256QAM	25	25	17.36	17.36	17.24		
10	256QAM	50	0	17.27	17.38	17.37		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.46	22.53	22.57	23.5	0
5	QPSK	1	12	22.42	22.55	22.45		
5	QPSK	1	24	22.43	22.45	22.46		
5	QPSK	12	0	21.31	21.52	21.30	22.5	1
5	QPSK	12	7	21.28	21.43	21.39		
5	QPSK	12	13	21.30	21.37	21.42		
5	QPSK	25	0	21.22	21.43	21.25		
5	16QAM	1	0	21.38	21.43	21.40	22.5	1
5	16QAM	1	12	21.30	21.34	21.37		
5	16QAM	1	24	21.15	21.36	21.43		
5	16QAM	12	0	20.21	20.42	20.30	21.5	2
5	16QAM	12	7	20.21	20.28	20.24		
5	16QAM	12	13	20.22	20.26	20.16		
5	16QAM	25	0	20.26	20.25	20.24		
5	64QAM	1	0	20.33	20.44	20.47	21.5	2
5	64QAM	1	12	20.38	20.43	20.31		
5	64QAM	1	24	20.30	20.33	20.44		
5	64QAM	12	0	19.29	19.40	19.32	20.5	3
5	64QAM	12	7	19.33	19.32	19.39		
5	64QAM	12	13	19.25	19.33	19.31		
5	64QAM	25	0	19.25	19.41	19.36		
5	256QAM	1	0	17.25	17.29	17.38	18.5	5
5	256QAM	1	12	17.28	17.40	17.40		
5	256QAM	1	24	17.27	17.40	17.22		
5	256QAM	12	0	17.25	17.47	17.44	18.5	5
5	256QAM	12	7	17.35	17.30	17.35		
5	256QAM	12	13	17.33	17.37	17.23		
5	256QAM	25	0	17.33	17.30	17.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.68	22.61	22.72	22.55	22.52	23.5	0
20	QPSK	1	49	22.61	22.58	22.64	22.57	22.46		
20	QPSK	1	99	22.51	22.56	22.59	22.65	22.49		
20	QPSK	50	0	21.54	21.46	21.65	21.57	21.55	22.5	1
20	QPSK	50	24	21.45	21.49	21.48	21.47	21.45		
20	QPSK	50	50	21.43	21.43	21.61	21.55	21.41		
20	QPSK	100	0	21.43	21.39	21.58	21.41	21.46		
20	16QAM	1	0	21.44	21.55	21.56	21.55	21.52	22.5	1
20	16QAM	1	49	21.42	21.28	21.45	21.43	21.32		
20	16QAM	1	99	21.29	21.30	21.34	21.43	21.34		
20	16QAM	50	0	20.50	20.38	20.54	20.40	20.46	21.5	2
20	16QAM	50	24	20.36	20.41	20.44	20.47	20.33		
20	16QAM	50	50	20.39	20.44	20.49	20.48	20.30		
20	16QAM	100	0	20.38	20.40	20.50	20.42	20.41		
20	64QAM	1	0	20.54	20.53	20.71	20.64	20.60	21.5	2
20	64QAM	1	49	20.31	20.39	20.44	20.39	20.38		
20	64QAM	1	99	20.39	20.32	20.49	20.37	20.33		
20	64QAM	50	0	19.47	19.48	19.58	19.43	19.47	20.5	3
20	64QAM	50	24	19.29	19.43	19.45	19.40	19.36		
20	64QAM	50	50	19.39	19.43	19.45	19.53	19.42		
20	64QAM	100	0	19.36	19.50	19.45	19.52	19.36		
20	256QAM	1	0	17.39	17.43	17.47	17.51	17.44	18.5	5
20	256QAM	1	49	17.36	17.49	17.45	17.46	17.39		
20	256QAM	1	99	17.50	17.43	17.55	17.49	17.43		
20	256QAM	50	0	17.51	17.44	17.63	17.51	17.52	18.5	5
20	256QAM	50	24	17.41	17.52	17.52	17.47	17.43		
20	256QAM	50	50	17.36	17.43	17.46	17.50	17.33		
20	256QAM	100	0	17.43	17.48	17.55	17.49	17.42		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.53	22.42	22.61	22.44	22.51	23.50	0
15	QPSK	1	37	22.46	22.48	22.51	22.43	22.43		
15	QPSK	1	74	22.40	22.47	22.49	22.55	22.37		
15	QPSK	36	0	21.41	21.32	21.55	21.44	21.40	22.5	1
15	QPSK	36	20	21.31	21.37	21.36	21.35	21.33		
15	QPSK	36	39	21.29	21.32	21.48	21.42	21.30		
15	QPSK	75	0	21.34	21.25	21.47	21.32	21.32		
15	16QAM	1	0	21.34	21.41	21.47	21.43	21.37	22.5	1
15	16QAM	1	37	21.31	21.15	21.32	21.30	21.19		
15	16QAM	1	74	21.17	21.17	21.20	21.32	21.23		
15	16QAM	36	0	20.39	20.25	20.43	20.30	20.32	21.5	2
15	16QAM	36	20	20.23	20.29	20.30	20.35	20.20		
15	16QAM	36	39	20.29	20.33	20.35	20.35	20.18		
15	16QAM	75	0	20.26	20.29	20.39	20.32	20.27		
15	64QAM	1	0	20.39	20.42	20.57	20.50	20.48	21.5	2
15	64QAM	1	37	20.18	20.29	20.30	20.29	20.26		
15	64QAM	1	74	20.29	20.22	20.37	20.27	20.18		
15	64QAM	36	0	19.37	19.36	19.45	19.30	19.37	20.5	3
15	64QAM	36	20	19.17	19.29	19.32	19.26	19.24		
15	64QAM	36	39	19.25	19.34	19.30	19.43	19.29		
15	64QAM	75	0	19.25	19.41	19.34	19.39	19.25		
15	256QAM	1	0	17.28	17.33	17.37	17.36	17.31	18.5	5
15	256QAM	1	37	17.26	17.39	17.33	17.33	17.29		
15	256QAM	1	74	17.35	17.30	17.44	17.39	17.31		
15	256QAM	36	0	17.37	17.33	17.48	17.36	17.41	18.5	5
15	256QAM	36	20	17.29	17.40	17.40	17.37	17.31		
15	256QAM	36	39	17.24	17.32	17.33	17.40	17.24		
15	256QAM	75	0	17.33	17.38	17.45	17.37	17.30		
Channel				39700	40100	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.55	22.42	22.63	22.41	22.52	23.50	0
10	QPSK	1	25	22.49	22.43	22.55	22.43	22.42		
10	QPSK	1	49	22.42	22.41	22.48	22.51	22.37		
10	QPSK	25	0	21.40	21.32	21.55	21.44	21.40	22.5	1
10	QPSK	25	12	21.35	21.35	21.33	21.37	21.30		
10	QPSK	25	25	21.31	21.32	21.51	21.45	21.34		
10	QPSK	50	0	21.30	21.25	21.45	21.28	21.36		
10	16QAM	1	0	21.34	21.44	21.46	21.40	21.43	22.5	1
10	16QAM	1	25	21.29	21.16	21.32	21.33	21.20		
10	16QAM	1	49	21.19	21.18	21.20	21.32	21.21		
10	16QAM	25	0	20.36	20.24	20.45	20.27	20.34	21.5	2
10	16QAM	25	12	20.25	20.29	20.33	20.37	20.24		
10	16QAM	25	25	20.26	20.30	20.38	20.36	20.19		
10	16QAM	50	0	20.24	20.26	20.39	20.31	20.30		
10	64QAM	1	0	20.44	20.41	20.60	20.52	20.50	21.5	2
10	64QAM	1	25	20.21	20.29	20.33	20.25	20.26		
10	64QAM	1	49	20.28	20.21	20.34	20.23	20.23		
10	64QAM	25	0	19.33	19.38	19.49	19.29	19.36	20.5	3
10	64QAM	25	12	19.19	19.34	19.33	19.30	19.26		
10	64QAM	25	25	19.29	19.29	19.34	19.38	19.28		
10	64QAM	50	0	19.25	19.40	19.32	19.39	19.24		
10	256QAM	1	0	17.29	17.30	17.34	17.42	17.35	18.5	5
10	256QAM	1	25	17.24	17.35	17.36	17.36	17.25		
10	256QAM	1	49	17.35	17.33	17.44	17.36	17.30		
10	256QAM	25	0	17.41	17.31	17.49	17.38	17.41	18.5	5
10	256QAM	25	12	17.30	17.42	17.40	17.34	17.32		
10	256QAM	25	25	17.24	17.32	17.36	17.38	17.19		
10	256QAM	50	0	17.29	17.39	17.45	17.35	17.29		
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	22.59	22.39	22.61	22.46	22.54	23.50	0
5	QPSK	1	12	22.48	22.49	22.52	22.43	22.44		
5	QPSK	1	24	22.37	22.42	22.44	22.53	22.35		
5	QPSK	12	0	21.40	21.31	21.53	21.44	21.45	22.5	1
5	QPSK	12	7	21.36	21.36	21.33	21.32	21.33		
5	QPSK	12	13	21.29	21.30	21.47	21.44	21.35		
5	QPSK	25	0	21.32	21.25	21.47	21.28	21.35		
5	16QAM	1	0	21.32	21.45	21.47	21.41	21.42	22.5	1
5	16QAM	1	12	21.29	21.13	21.35	21.32	21.22		
5	16QAM	1	24	21.14	21.17	21.20	21.31	21.19		
5	16QAM	12	0	20.36	20.28	20.41	20.27	20.37	21.5	2
5	16QAM	12	7	20.26	20.26	20.31	20.36	20.20		
5	16QAM	12	13	20.24	20.31	20.37	20.39	20.20		
5	16QAM	25	0	20.27	20.29	20.37	20.31	20.26		
5	64QAM	1	0	20.43	20.42	20.56	20.50	20.48	21.5	2
5	64QAM	1	12	20.17	20.29	20.34	20.24	20.27		
5	64QAM	1	24	20.26	20.19	20.40	20.23	20.18		
5	64QAM	12	0	19.35	19.34	19.46	19.29	19.36	20.5	3
5	64QAM	12	7	19.17	19.31	19.35	19.26	19.24		
5	64QAM	12	13	19.29	19.33	19.35	19.41	19.27		
5	64QAM	25	0	19.23	19.36	19.31	19.37	19.22		
5	256QAM	1	0	17.26	17.32	17.36	17.39	17.29	18.5	5
5	256QAM	1	12	17.26	17.36	17.32	17.35	17.28		
5	256QAM	1	24	17.37	17.28	17.43	17.36	17.33		
5	256QAM	12	0	17.40	17.34	17.51	17.41	17.38	18.5	5
5	256QAM	12	7	17.27	17.38	17.38	17.33	17.33		
5	256QAM	12	13	17.24	17.28	17.34	17.36	17.19		
5	256QAM	25	0	17.30	17.35	17.42	17.37	17.31		

Band 42 Ant0 FCC Part27Q 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.85	23.03	22.98	24	0
20	QPSK	1	49	22.86	22.99	22.89		
20	QPSK	1	99	22.85	22.96	22.86		
20	QPSK	50	0	21.96	22.09	22.01	23	1
20	QPSK	50	24	21.98	22.01	21.96		
20	QPSK	50	50	21.86	21.98	21.86		
20	QPSK	100	0	21.84	21.97	21.90		
20	16QAM	1	0	21.95	22.01	21.87	23	1
20	16QAM	1	49	21.74	21.89	21.77		
20	16QAM	1	99	21.89	21.94	21.89		
20	16QAM	50	0	21.03	21.08	20.97	22	2
20	16QAM	50	24	20.86	20.91	20.87		
20	16QAM	50	50	20.91	20.99	20.91		
20	16QAM	100	0	20.90	21.00	20.95		
20	64QAM	1	0	21.06	21.10	21.06	22	2
20	64QAM	1	49	20.84	20.96	20.90		
20	64QAM	1	99	20.91	21.01	20.97		
20	64QAM	50	0	19.93	20.06	19.93	21	3
20	64QAM	50	24	19.92	20.02	19.96		
20	64QAM	50	50	19.80	19.95	19.89		
20	64QAM	100	0	19.99	20.03	19.93		
20	256QAM	1	0	17.89	17.98	17.84	19	5
20	256QAM	1	49	17.80	17.86	17.83		
20	256QAM	1	99	17.84	17.91	17.77		
20	256QAM	50	0	17.95	18.04	17.89	19	5
20	256QAM	50	24	17.88	17.93	17.88		
20	256QAM	50	50	17.73	17.87	17.82		
20	256QAM	100	0	17.86	17.98	17.91		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.76	22.97	22.94	24	0
15	QPSK	1	37	22.82	22.91	22.85		
15	QPSK	1	74	22.73	22.90	22.81		
15	QPSK	36	0	21.92	22.06	21.96	23	1
15	QPSK	36	20	21.85	21.92	21.82		
15	QPSK	36	39	21.73	21.90	21.75		
15	QPSK	75	0	21.72	21.84	21.80		
15	16QAM	1	0	21.85	21.96	21.80	23	1
15	16QAM	1	37	21.59	21.75	21.70		
15	16QAM	1	74	21.76	21.85	21.81		
15	16QAM	36	0	20.99	20.96	20.83	22	2
15	16QAM	36	20	20.74	20.88	20.74		
15	16QAM	36	39	20.86	20.89	20.86		
15	16QAM	75	0	20.78	20.87	20.87		
15	64QAM	1	0	20.96	21.02	20.92	22	2
15	64QAM	1	37	20.75	20.85	20.80		
15	64QAM	1	74	20.85	20.90	20.92		
15	64QAM	36	0	19.82	19.96	19.87	21	3
15	64QAM	36	20	19.79	19.94	19.90		
15	64QAM	36	39	19.75	19.85	19.76		
15	64QAM	75	0	19.84	19.90	19.81		
15	256QAM	1	0	17.77	17.87	17.73	19	5
15	256QAM	1	37	17.66	17.79	17.72		
15	256QAM	1	74	17.73	17.84	17.68		
15	256QAM	36	0	17.91	17.93	17.85	19	5
15	256QAM	36	20	17.81	17.90	17.75		
15	256QAM	36	39	17.67	17.74	17.78		
15	256QAM	75	0	17.71	17.93	17.86		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.70	22.99	22.90	24	0
10	QPSK	1	25	22.75	22.89	22.86		
10	QPSK	1	49	22.81	22.85	22.74		
10	QPSK	25	0	21.86	22.04	21.92	23	1
10	QPSK	25	12	21.86	21.88	21.87		
10	QPSK	25	25	21.80	21.88	21.75		
10	QPSK	50	0	21.70	21.88	21.83		
10	16QAM	1	0	21.90	21.88	21.73	23	1
10	16QAM	1	25	21.61	21.80	21.73		
10	16QAM	1	49	21.78	21.90	21.76		
10	16QAM	25	0	20.95	21.00	20.91	22	2
10	16QAM	25	12	20.82	20.80	20.72		
10	16QAM	25	25	20.79	20.94	20.76		
10	16QAM	50	0	20.76	20.96	20.85		
10	64QAM	1	0	21.00	20.96	21.02	22	2
10	64QAM	1	25	20.74	20.83	20.80		
10	64QAM	1	49	20.81	20.91	20.84		
10	64QAM	25	0	19.81	19.94	19.88	21	3
10	64QAM	25	12	19.85	19.96	19.89		
10	64QAM	25	25	19.70	19.82	19.75		
10	64QAM	50	0	19.88	19.94	19.81		
10	256QAM	1	0	17.79	17.85	17.76	19	5
10	256QAM	1	25	17.75	17.76	17.77		
10	256QAM	1	49	17.77	17.78	17.66		
10	256QAM	25	0	17.83	17.91	17.85	19	5
10	256QAM	25	12	17.74	17.88	17.80		
10	256QAM	25	25	17.66	17.73	17.73		
10	256QAM	50	0	17.82	17.86	17.88		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.81	22.93	22.87	24	0
5	QPSK	1	12	22.78	22.85	22.86		
5	QPSK	1	24	22.78	22.86	22.71		
5	QPSK	12	0	21.93	21.98	21.95	23	1
5	QPSK	12	7	21.87	21.88	21.86		
5	QPSK	12	13	21.74	21.90	21.76		
5	QPSK	25	0	21.74	21.85	21.76		
5	16QAM	1	0	21.86	21.91	21.74	23	1
5	16QAM	1	12

GSM850 Ant1 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	32.25	32.19	32.18	32.50	23.25	23.19	23.18	23.50
GPRS 1 Tx slot	32.22	32.16	32.06	32.50	23.22	23.16	23.06	23.50
GPRS 2 Tx slots	29.13	29.11	28.97	29.50	23.13	23.11	22.97	23.50
GPRS 3 Tx slots	27.15	27.23	26.93	27.50	22.89	22.97	22.67	23.24
GPRS 4 Tx slots	25.98	26.24	26.12	26.50	22.98	23.24	23.12	23.50
EDGE 1 Tx slot	25.91	26.04	25.92	26.50	16.91	17.04	16.92	17.50
EDGE 2 Tx slots	22.85	23.11	22.86	23.50	16.85	17.11	16.86	17.50
EDGE 3 Tx slots	21.21	21.25	21.08	21.50	16.95	16.99	16.82	17.24
EDGE 4 Tx slots	20.32	20.37	20.10	20.50	17.32	17.37	17.10	17.50

WCDMA V Ant1 DSI5

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	23.54	23.50	23.43	24.00
3GPP Rel 99	RMC 12.2Kbps	23.60	23.63	23.45	24.00
3GPP Rel 6	HSDPA Subtest-1	22.48	22.64	22.46	23.00
3GPP Rel 6	HSDPA Subtest-2	22.37	22.61	22.47	23.00
3GPP Rel 6	HSDPA Subtest-3	21.99	22.08	21.90	22.50
3GPP Rel 6	HSDPA Subtest-4	22.10	21.87	22.14	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.48	22.67	22.41	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.34	22.53	22.65	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.87	22.01	21.92	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.22	22.09	21.89	22.50
3GPP Rel 6	HSUPA Subtest-1	22.61	22.70	22.40	23.00
3GPP Rel 6	HSUPA Subtest-2	20.41	20.47	20.45	21.00
3GPP Rel 6	HSUPA Subtest-3	21.41	21.56	21.59	22.00
3GPP Rel 6	HSUPA Subtest-4	20.51	20.62	20.50	21.00
3GPP Rel 6	HSUPA Subtest-5	22.37	22.59	22.42	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.96	20.03	19.90	20.50

Band 5 Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.28	23.32	23.26		
10	QPSK	1	25	23.14	23.17	23.14	24	0
10	QPSK	1	49	23.17	23.21	23.07		
10	QPSK	25	0	23.14	23.26	23.11		
10	QPSK	25	12	23.04	23.16	23.03	24	0
10	QPSK	25	25	23.12	23.23	23.18		
10	QPSK	50	0	22.99	23.16	23.06		
10	16QAM	1	0	23.01	23.20	23.09		
10	16QAM	1	25	23.09	23.07	23.09	24	0
10	16QAM	1	49	23.12	23.22	23.16		
10	16QAM	25	0	22.02	22.14	22.05		
10	16QAM	25	12	21.99	22.09	22.01	23	1
10	16QAM	25	25	21.95	22.07	22.04		
10	16QAM	50	0	21.96	22.07	22.04		
10	64QAM	1	0	22.10	22.13	22.19		
10	64QAM	1	25	22.05	22.12	22.10	23	1
10	64QAM	1	49	22.04	22.15	22.09		
10	64QAM	25	0	20.96	21.18	20.96		
10	64QAM	25	12	21.01	21.04	21.00	22	2
10	64QAM	25	25	21.02	21.05	21.01		
10	64QAM	50	0	20.99	21.07	21.09		
10	256QAM	1	0	19.00	19.03	18.90		
10	256QAM	1	25	18.97	19.02	18.94	20	4
10	256QAM	1	49	18.87	19.02	18.93		
10	256QAM	25	0	18.91	19.11	18.97		
10	256QAM	25	12	18.94	18.98	19.00	20	4
10	256QAM	25	25	18.85	19.10	18.93		
10	256QAM	50	0	18.91	19.03	18.99		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.14	23.19	23.18		
5	QPSK	1	12	23.05	23.10	23.03	24	0
5	QPSK	1	24	23.11	23.10	22.95		
5	QPSK	12	0	23.02	23.18	23.06		
5	QPSK	12	7	22.89	23.03	22.92	24	0
5	QPSK	12	13	23.05	23.19	23.06		
5	QPSK	25	0	22.91	23.04	22.96		
5	16QAM	1	0	22.87	23.15	23.01		
5	16QAM	1	12	23.01	22.97	22.95	24	0
5	16QAM	1	24	23.07	23.08	23.13		
5	16QAM	12	0	21.90	22.05	21.99		
5	16QAM	12	7	21.91	22.03	21.93	23	1
5	16QAM	12	13	21.91	21.96	21.92		
5	16QAM	25	0	21.89	22.02	21.90		
5	64QAM	1	0	21.98	22.07	22.11		
5	64QAM	1	12	22.00	22.05	22.05	23	1
5	64QAM	1	24	21.96	22.03	21.94		
5	64QAM	12	0	20.81	21.14	20.92		
5	64QAM	12	7	20.86	20.89	20.90	22	2
5	64QAM	12	13	20.97	21.00	20.95		
5	64QAM	25	0	20.96	20.98	20.94		
5	256QAM	1	0	18.94	18.92	18.77		
5	256QAM	1	12	18.89	18.89	18.90	20	4
5	256QAM	1	24	18.79	18.94	18.83		
5	256QAM	12	0	18.88	19.02	18.92		
5	256QAM	12	7	18.84	18.86	18.86	20	4
5	256QAM	12	13	18.78	18.98	18.80		
5	256QAM	25	0	18.82	18.95	18.96		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.25	23.29	23.20		
3	QPSK	1	8	23.04	23.13	23.03	24	0
3	QPSK	1	14	23.08	23.15	22.99		
3	QPSK	8	0	23.01	23.22	23.04		
3	QPSK	8	4	23.01	23.05	22.88	24	0
3	QPSK	8	7	23.02	23.15	23.03		
3	QPSK	15	0	22.88	23.10	22.94		
3	16QAM	1	0	22.94	23.15	23.00		
3	16QAM	1	8	22.98	23.01	22.95	24	0
3	16QAM	1	14	23.06	23.13	23.02		
3	16QAM	8	0	21.99	22.05	22.00		
3	16QAM	8	4	21.92	22.06	21.93	23	1
3	16QAM	8	7	21.81	22.01	21.96		
3	16QAM	15	0	21.91	22.03	21.94		
3	64QAM	1	0	22.04	22.09	22.11		
3	64QAM	1	8	22.02	22.06	21.97	23	1
3	64QAM	1	14	21.91	22.05	22.04		
3	64QAM	8	0	20.88	21.03	20.83		
3	64QAM	8	4	20.90	20.97	20.92	22	2
3	64QAM	8	7	20.88	20.97	20.91		
3	64QAM	15	0	20.90	20.99	20.96		
3	256QAM	1	0	18.96	18.97	18.82		
3	256QAM	1	8	18.90	18.93	18.91	20	4
3	256QAM	1	14	18.80	18.91	18.82		
3	256QAM	8	0	18.81	19.00	18.92		
3	256QAM	8	4	18.84	18.87	18.91	20	4
3	256QAM	8	7	18.77	19.04	18.83		
3	256QAM	15	0	18.77	18.92	18.87		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.19	23.18	23.20		
1.4	QPSK	1	3	23.01	23.10	23.07		
1.4	QPSK	1	5	23.08	23.16	22.97	24	0
1.4	QPSK	3	0	23.01	23.14	23.03		
1.4	QPSK	3	1	22.92	23.01	22.98		
1.4	QPSK	3	3	22.99	23.14	23.08		
1.4	QPSK	6	0	22.86	23.12	23.03	24	0
1.4	16QAM	1	0	22.94	23.05	23.00		
1.4	16QAM	1	3	22.96	23.04	23.05		
1.4	16QAM	1	5	23.00	23.09	23.03	24	0
1.4	16QAM	3	0	22.95	23.06	22.90		
1.4	16QAM	3	1	22.85	22.98	22.88		
1.4	16QAM	3	3	22.86	22.98	22.98		
1.4	16QAM	6	0	21.85	22.01	21.97	23	1
1.4	64QAM	1	0	21.98	22.05	22.11		
1.4	64QAM	1	3	21.93	21.98	21.96		
1.4	64QAM	1	5	21.92	22.06	21.98	23	1
1.4	64QAM	3	0	21.83	22.15	21.87		
1.4	64QAM	3	1	21.86	22.01	21.88		
1.4	64QAM	3	3	21.95	21.92	21.94		
1.4	64QAM	6	0	20.88	20.94	21.01	22	2
1.4	256QAM	1	0	18.89	18.94	18.81		
1.4	256QAM	1	3	18.85	18.89	18.84		
1.4	256QAM	1	5	18.74	18.99	18.87	20	4
1.4	256QAM	3	0	18.86	19.04	18.92		
1.4	256QAM	3	1	18.86	18.92	18.85		
1.4	256QAM	3	3	18.82	19.06	18.88		
1.4	256QAM	6	0	18.86	18.94	18.89	20	4

Band 12 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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.27	24.31	24.24		
10	QPSK	1	25	24.13	24.24	24.20	25.5	0
10	QPSK	1	49	24.13	24.26	24.13		
10	QPSK	25	0	23.15	23.27	23.09		
10	QPSK	25	12	23.15	23.19	23.18	24.5	1
10	QPSK	25	25	23.15	23.12	23.08		
10	QPSK	50	0	23.02	23.22	23.07		
10	16QAM	1	0	23.25	23.39	23.32		
10	16QAM	1	25	23.18	23.24	23.21	24.5	1
10	16QAM	1	49	23.14	23.28	23.17		
10	16QAM	25	0	22.18	22.32	22.14		
10	16QAM	25	12	22.20	22.23	22.13	23.5	2
10	16QAM	25	25	22.11	22.18	22.14		
10	16QAM	50	0	22.13	22.27	22.20		
10	64QAM	1	0	22.27	22.30	22.30		
10	64QAM	1	25	22.11	22.17	22.16	23.5	2
10	64QAM	1	49	22.07	22.24	22.18		
10	64QAM	25	0	21.09	21.26	21.14		
10	64QAM	25	12	21.05	21.14	21.09	22.5	3
10	64QAM	25	25	21.07	21.17	21.19		
10	64QAM	50	0	21.05	21.22	21.08		
10	256QAM	1	0	19.10	19.17	19.19		
10	256QAM	1	25	19.12	19.18	19.23	20.5	5
10	256QAM	1	49	19.13	19.19	19.24		
10	256QAM	25	0	19.17	19.31	19.17		
10	256QAM	25	12	19.11	19.18	19.15	20.5	5
10	256QAM	25	25	19.15	19.27	19.18		
10	256QAM	50	0	19.09	19.18	19.16		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.16	24.17	24.09		
5	QPSK	1	12	24.00	24.11	24.07	25.5	0
5	QPSK	1	24	24.02	24.20	24.08		
5	QPSK	12	0	23.09	23.24	22.95		
5	QPSK	12	7	23.03	23.14	23.15	24.5	1
5	QPSK	12	13	23.08	22.99	22.96		
5	QPSK	25	0	22.87	23.13	22.93		
5	16QAM	1	0	23.19	23.35	23.17		
5	16QAM	1	12	23.03	23.19	23.16	24.5	1
5	16QAM	1	24	23.02	23.18	23.06		
5	16QAM	12	0	22.07	22.27	22.05		
5	16QAM	12	7	22.11	22.13	22.02	23.5	2
5	16QAM	12	13	22.03	22.14	22.05		
5	16QAM	25	0	22.01	22.16	22.15		
5	64QAM	1	0	22.13	22.24	22.22		
5	64QAM	1	12	22.06	22.02	22.09	23.5	2
5	64QAM	1	24	21.99	22.13	22.11		
5	64QAM	12	0	21.02	21.17	21.07		
5	64QAM	12	7	20.99	21.05	20.96	22.5	3
5	64QAM	12	13	21.03	21.14	21.06		
5	64QAM	25	0	21.01	21.10	20.93		
5	256QAM	1	0	18.96	19.11	19.14		
5	256QAM	1	12	19.08	19.03	19.16	20.5	5
5	256QAM	1	24	19.08	19.08	19.21		
5	256QAM	12	0	19.11	19.21	19.06		
5	256QAM	12	7	18.99	19.13	19.03	20.5	5
5	256QAM	12	13	19.07	19.21	19.14		
5	256QAM	25	0	19.02	19.09	19.10		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.14	24.22	24.10		
3	QPSK	1	8	24.04	24.14	24.12	25.5	0
3	QPSK	1	14	23.98	24.20	24.04		
3	QPSK	8	0	23.02	23.20	23.05		
3	QPSK	8	4	23.02	23.12	23.06	24.5	1
3	QPSK	8	7	23.02	23.01	22.94		
3	QPSK	15	0	22.93	23.16	22.95		
3	16QAM	1	0	23.19	23.29	23.19		
3	16QAM	1	8	23.07	23.18	23.11	24.5	1
3	16QAM	1	14	23.06	23.17	23.07		
3	16QAM	8	0	22.14	22.22	22.01		
3	16QAM	8	4	22.10	22.15	22.01	23.5	2
3	16QAM	8	7	22.00	22.14	22.02		
3	16QAM	15	0	22.08	22.16	22.15		
3	64QAM	1	0	22.12	22.24	22.17		
3	64QAM	1	8	22.06	22.11	22.10	23.5	2
3	64QAM	1	14	21.97	22.16	22.12		
3	64QAM	8	0	21.02	21.20	20.99		
3	64QAM	8	4	20.95	21.09	20.99	22.5	3
3	64QAM	8	7	21.03	21.03	21.13		
3	64QAM	15	0	21.01	21.09	21.03		
3	256QAM	1	0	18.98	19.12	19.10		
3	256QAM	1	8	19.03	19.07	19.09	20.5	5
3	256QAM	1	14	19.07	19.14	19.10		
3	256QAM	8	0	19.11	19.19	19.11		
3	256QAM	8	4	19.03	19.14	19.03	20.5	5
3	256QAM	8	7	19.06	19.24	19.09		
3	256QAM	15	0	18.94	19.08	19.03		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.19	24.16	24.17		
1.4	QPSK	1	3	24.08	24.18	24.13		
1.4	QPSK	1	5	23.99	24.22	23.99	25.5	0
1.4	QPSK	3	0	24.01	24.23	23.96		
1.4	QPSK	3	1	24.00	24.09	24.08		
1.4	QPSK	3	3	24.01	24.00	24.05		
1.4	QPSK	6	0	22.88	23.09	22.92	24.5	1
1.4	16QAM	1	0	23.15	23.24	23.28		
1.4	16QAM	1	3	23.03	23.10	23.12		
1.4	16QAM	1	5	23.05	23.19	23.08	24.5	1
1.4	16QAM	3	0	23.13	23.27	23.02		
1.4	16QAM	3	1	23.12	23.20	23.05		
1.4	16QAM	3	3	23.05	23.10	23.02		
1.4	16QAM	6	0	21.99	22.21	22.11	23.5	2
1.4	64QAM	1	0	22.18	22.26	22.19		
1.4	64QAM	1	3	22.02	22.11	22.13		
1.4	64QAM	1	5	21.93	22.16	22.10	23.5	2
1.4	64QAM	3	0	22.04	22.15	22.07		
1.4	64QAM	3	1	21.92	22.05	21.97		
1.4	64QAM	3	3	21.97	22.10	22.10		
1.4	64QAM	6	0	20.99	21.11	20.94	22.5	3
1.4	256QAM	1	0	19.00	19.03	19.16		
1.4	256QAM	1	3	19.07	19.13	19.11		
1.4	256QAM	1	5	18.99	19.15	19.10	20.5	5
1.4	256QAM	3	0	19.03	19.17	19.05		
1.4	256QAM	3	1	19.01	19.15	19.09		
1.4	256QAM	3	3	19.12	19.20	19.10		
1.4	256QAM	6	0	19.02	19.15	19.06	20.5	5

Band 13 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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.28			
10	QPSK	1	25		23.24		24.5	0
10	QPSK	1	49		23.18			
10	QPSK	25	0		22.33			
10	QPSK	25	12		22.26		23.5	1
10	QPSK	25	25		22.21			
10	QPSK	50	0		22.31			
10	16QAM	1	0		22.37			
10	16QAM	1	25		22.35		23.5	1
10	16QAM	1	49		22.27			
10	16QAM	25	0		21.34			
10	16QAM	25	12		21.20		22.5	2
10	16QAM	25	25		21.22			
10	16QAM	50	0		21.21			
10	64QAM	1	0		21.22			
10	64QAM	1	25		21.22		22.5	2
10	64QAM	1	49		21.20			
10	64QAM	25	0		20.29			
10	64QAM	25	12		20.16		21.5	3
10	64QAM	25	25		20.25			
10	64QAM	50	0		20.25			
10	256QAM	1	0		18.23			
10	256QAM	1	25		18.27		19.5	5
10	256QAM	1	49		18.29			
10	256QAM	25	0		18.37			
10	256QAM	25	12		18.33		19.5	5
10	256QAM	25	25		18.25			
10	256QAM	50	0		18.34			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.16	23.19	23.18		
5	QPSK	1	12	22.99	23.16	23.12	24.5	0
5	QPSK	1	24	23.02	23.10	23.00		
5	QPSK	12	0	22.19	22.24	22.13		
5	QPSK	12	7	22.10	22.11	22.18	23.5	1
5	QPSK	12	13	22.02	22.14	22.03		
5	QPSK	25	0	22.15	22.22	22.09		
5	16QAM	1	0	22.18	22.31	22.20		
5	16QAM	1	12	22.20	22.20	22.21	23.5	1
5	16QAM	1	24	22.13	22.14	22.15		
5	16QAM	12	0	21.16	21.30	21.20		
5	16QAM	12	7	21.11	21.16	21.00	22.5	2
5	16QAM	12	13	21.03	21.11	20.99		
5	16QAM	25	0	21.06	21.08	21.04		
5	64QAM	1	0	21.06	21.18	21.01		
5	64QAM	1	12	21.00	21.13	21.05	22.5	2
5	64QAM	1	24	20.94	21.16	21.06		
5	64QAM	12	0	20.20	20.19	20.15		
5	64QAM	12	7	19.89	20.01	19.98	21.5	3
5	64QAM	12	13	20.11	20.16	20.12		
5	64QAM	25	0	19.97	20.11	20.12		
5	256QAM	1	0	18.05	18.16	17.98		
5	256QAM	1	12	18.14	18.14	18.10	19.5	5
5	256QAM	1	24	18.04	18.17	18.13		
5	256QAM	12	0	18.27	18.28	18.20		
5	256QAM	12	7	18.15	18.25	18.13	19.5	5
5	256QAM	12	13	18.08	18.17	18.10		
5	256QAM	25	0	18.11	18.22	18.14		

Band 17 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.12	24.26	24.23	25	0
10	QPSK	1	25	24.10	24.16	24.07		
10	QPSK	1	49	24.07	24.21	24.12		
10	QPSK	25	0	23.04	23.22	23.05	24	1
10	QPSK	25	12	23.06	23.14	23.06		
10	QPSK	25	25	23.04	23.16	23.07		
10	QPSK	50	0	22.98	23.11	23.04		
10	16QAM	1	0	23.12	23.14	23.20	24	1
10	16QAM	1	25	23.07	23.15	23.04		
10	16QAM	1	49	23.03	23.10	23.10		
10	16QAM	25	0	21.95	22.16	22.06	23	2
10	16QAM	25	12	21.96	22.10	22.06		
10	16QAM	25	25	21.97	22.06	22.03		
10	16QAM	50	0	21.97	22.01	22.04		
10	64QAM	1	0	22.13	22.26	22.17	23	2
10	64QAM	1	25	22.05	22.12	22.11		
10	64QAM	1	49	22.03	22.11	22.13		
10	64QAM	25	0	21.07	21.21	21.02	22	3
10	64QAM	25	12	21.09	21.17	21.02		
10	64QAM	25	25	21.00	21.13	21.04		
10	64QAM	50	0	21.04	21.09	21.08		
10	256QAM	1	0	18.97	19.09	19.09	20	5
10	256QAM	1	25	18.97	19.14	18.99		
10	256QAM	1	49	18.98	19.12	19.07		
10	256QAM	25	0	18.95	19.17	19.00	20	5
10	256QAM	25	12	19.00	19.07	18.99		
10	256QAM	25	25	19.02	19.12	19.09		
10	256QAM	50	0	18.94	19.04	19.06		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.05	24.18	24.17	25	0
5	QPSK	1	12	24.07	24.04	23.94		
5	QPSK	1	24	23.98	24.06	24.03		
5	QPSK	12	0	22.96	23.18	22.94	24	1
5	QPSK	12	7	22.97	23.02	22.92		
5	QPSK	12	13	22.92	23.05	22.95		
5	QPSK	25	0	22.88	22.97	22.92		
5	16QAM	1	0	22.98	23.02	23.12	24	1
5	16QAM	1	12	23.02	23.11	22.95		
5	16QAM	1	24	22.97	23.00	23.01		
5	16QAM	12	0	21.83	22.03	21.98	23	2
5	16QAM	12	7	21.93	22.05	21.97		
5	16QAM	12	13	21.92	21.99	21.91		
5	16QAM	25	0	21.83	21.96	21.89		
5	64QAM	1	0	22.00	22.19	22.06	23	2
5	64QAM	1	12	22.01	22.00	22.06		
5	64QAM	1	24	21.98	22.07	22.01		
5	64QAM	12	0	20.97	21.11	20.92	22	3
5	64QAM	12	7	21.04	21.11	20.97		
5	64QAM	12	13	20.95	20.99	20.95		
5	64QAM	25	0	20.90	21.03	21.03		
5	256QAM	1	0	18.90	19.01	19.05	20	5
5	256QAM	1	12	18.90	19.04	18.85		
5	256QAM	1	24	18.85	19.00	19.00		
5	256QAM	12	0	18.84	19.07	18.92	20	5
5	256QAM	12	7	18.95	18.97	18.85		
5	256QAM	12	13	18.94	19.07	19.05		
5	256QAM	25	0	18.89	18.96	18.92		

Band 26 Ant1 for FCC 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	24.18	24.25	24.07	25.7	0
15	QPSK	1	37	24.04	24.15	24.07		
15	QPSK	1	74	24.12	24.14	24.12		
15	QPSK	36	0	23.07	23.24	23.08	24.7	1
15	QPSK	36	20	23.07	23.12	23.08		
15	QPSK	36	39	23.10	23.17	23.08		
15	QPSK	75	0	23.01	23.18	23.05		
15	16QAM	1	0	23.23	23.25	23.28	24.7	1
15	16QAM	1	37	23.08	23.19	23.09		
15	16QAM	1	74	23.04	23.21	23.05		
15	16QAM	36	0	22.04	22.25	22.17	23.7	2
15	16QAM	36	20	22.03	22.12	22.11		
15	16QAM	36	39	22.04	22.12	22.10		
15	16QAM	75	0	22.04	22.16	22.10		
15	64QAM	1	0	22.16	22.29	22.24	23.7	2
15	64QAM	1	37	22.03	22.14	22.10		
15	64QAM	1	74	22.08	22.11	22.08		
15	64QAM	36	0	21.01	21.21	21.05	22.7	3
15	64QAM	36	20	21.03	21.11	21.10		
15	64QAM	36	39	21.10	21.12	21.05		
15	64QAM	75	0	21.01	21.12	21.07		
15	256QAM	1	0	19.10	19.15	19.15	20.7	5
15	256QAM	1	37	19.09	19.20	19.12		
15	256QAM	1	74	19.14	19.11	19.08		
15	256QAM	36	0	19.05	19.25	19.13	20.7	5
15	256QAM	36	20	19.08	19.20	19.12		
15	256QAM	36	39	19.10	19.17	19.16		
15	256QAM	75	0	19.07	19.12	19.08		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.05	24.21	24.00	25.7	0
10	QPSK	1	25	23.91	24.09	23.99		
10	QPSK	1	49	24.08	24.03	23.98		
10	QPSK	25	0	22.96	23.14	23.02	24.7	1
10	QPSK	25	12	22.98	22.99	22.93		
10	QPSK	25	25	23.00	23.04	22.98		
10	QPSK	50	0	22.88	23.06	22.96		
10	16QAM	1	0	23.16	23.21	23.24	24.7	1
10	16QAM	1	25	23.04	23.12	23.06		
10	16QAM	1	49	22.90	23.08	22.90		
10	16QAM	25	0	21.94	22.11	22.05	23.7	2
10	16QAM	25	12	21.97	21.99	22.01		
10	16QAM	25	25	21.99	22.03	21.99		
10	16QAM	50	0	21.91	22.13	22.04		
10	64QAM	1	0	22.02	22.15	22.13	23.7	2
10	64QAM	1	25	21.92	22.02	21.96		
10	64QAM	1	49	22.03	22.01	21.99		
10	64QAM	25	0	20.97	21.18	20.96	22.7	3
10	64QAM	25	12	20.97	21.03	21.01		
10	64QAM	25	25	21.00	21.09	20.95		
10	64QAM	50	0	20.89	21.01	20.97		
10	256QAM	1	0	19.07	19.08	19.09	20.7	5
10	256QAM	1	25	18.97	19.05	19.01		
10	256QAM	1	49	19.10	19.03	18.96		
10	256QAM	25	0	18.93	19.21	19.04	20.7	5
10	256QAM	25	12	19.01	19.12	19.03		
10	256QAM	25	25	19.06	19.04	19.05		
10	256QAM	50	0	19.03	18.99	19.03		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.06	24.21	23.96	25.7	0
5	QPSK	1	12	23.90	24.06	23.96		
5	QPSK	1	24	24.05	24.05	23.97		
5	QPSK	12	0	22.93	23.15	23.00	24.7	1
5	QPSK	12	7	22.92	23.03	23.01		
5	QPSK	12	13	23.01	23.10	23.02		
5	QPSK	25	0	22.93	23.13	22.93		
5	16QAM	1	0	23.10	23.17	23.17	24.7	1
5	16QAM	1	12	23.01	23.15	22.94		
5	16QAM	1	24	22.95	23.13	23.01		
5	16QAM	12	0	21.92	22.19	22.14	23.7	2
5	16QAM	12	7	21.91	22.00	22.03		
5	16QAM	12	13	21.95	21.98	22.06		
5	16QAM	25	0	21.94	22.11	22.02		
5	64QAM	1	0	22.04	22.26	22.19	23.7	2
5	64QAM	1	12	21.94	22.11	22.06		
5	64QAM	1	24	22.01	22.07	21.97		
5	64QAM	12	0	20.92	21.13	21.01	22.7	3
5	64QAM	12	7	20.99	21.06	21.07		
5	64QAM	12	13	20.97	21.00	20.97		
5	64QAM	25	0	20.90	21.01	21.00		
5	256QAM	1	0	19.02	19.02	19.08	20.7	5
5	256QAM	1	12	18.99	19.14	19.01		
5	256QAM	1	24	19.11	19.07	18.96		
5	256QAM	12	0	18.97	19.18	19.04	20.7	5
5	256QAM	12	7	19.01	19.14	18.98		
5	256QAM	12	13	19.07	19.11	19.04		
5	256QAM	25	0	19.00	19.00	19.00		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.07	24.16	24.01	25.7	0
3	QPSK	1	8	24.01	24.04	23.98		
3	QPSK	1	14	24.08	24.09	24.06		
3	QPSK	8	0	23.01	23.13	22.95	24.7	1
3	QPSK	8	4	22.94	23.08	23.03		
3	QPSK	8	7	23.00	23.10	22.97		
3	QPSK	15	0	22.93	23.07	22.96		
3	16QAM	1	0	23.15	23.19	23.22	24.7	1
3	16QAM	1	8	23.03	23.06	23.04		
3	16QAM	1	14	23.00	23.06	22.91		
3	16QAM	8	0	21.90	22.16	22.09	23.7	2
3	16QAM	8	4	21.99	22.08	22.07		
3	16QAM	8	7	21.93	22.03	22.06		
3	16QAM	15	0	21.97	22.10	22.01		
3	64QAM	1	0	22.02	22.17	22.15	23.7	2
3	64QAM	1	8	21.93	22.06	21.96		
3	64QAM	1	14	21.94	22.05	21.94		
3	64QAM	8	0	20.92	21.16	20.93	22.7	3
3	64QAM	8	4	20.95	20.98	20.96		
3	64QAM	8	7	21.03	20.99	20.95		
3	64QAM	15	0	20.90	21.08	20.95		
3	256QAM	1	0	18.99	19.01	19.10	20.7	5
3	256QAM	1	8	19.00	19.06	19.00		
3	256QAM	1	14	19.09	19.07	18.99		
3	256QAM	8	0	19.00	19.13	19.05	20.7	5
3	256QAM	8	4	19.04	19.09	18.99		
3	256QAM	8	7	19.03	19.11	19.05		
3	256QAM	15	0	19.04	19.01	19.01		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.13	24.21	23.93	25.7	0
1.4	QPSK	1	3	23.94	24.10	23.95		
1.4	QPSK	1	5	24.01	24.03	24.05		
1.4	QPSK	3	0	23.93	24.20	24.00		
1.4	QPSK	3	1	24.04	23.98	24.05		
1.4	QPSK	3	3	24.04	24.10	23.93		
1.4	QPSK	6	0	22.97	23.05	22.96	24.7	1
1.4	16QAM	1	0	23.18	23.17	23.19	24.7	1
1.4	16QAM	1	3	23.03	23.05	22.98		
1.4	16QAM	1	5	22.92	23.11	22.96		
1.4	16QAM	3	0	22.90	23.12	23.03		
1.4	16QAM	3	1	22.97	23.07	23.01		
1.4	16QAM	3	3	22.90	23.09	22.97		
1.4	16QAM	6	0	21.92	22.05	22.00	23.7	2
1.4	64QAM	1	0	22.10	22.22	22.16	23.7	2
1.4	64QAM	1	3	21.93	22.04	21.98		
1.4	64QAM	1	5	22.01	22.07	22.03		
1.4	64QAM	3	0	21.90	22.09	21.96		
1.4	64QAM	3	1	21.97	22.00	22.03		
1.4	64QAM	3	3	21.99	22.07	22.00		
1.4	64QAM	6	0	20.96	21.00	20.97	22.7	3
1.4	256QAM	1	0	18.96	19.08	19.05	20.7	5
1.4	256QAM	1	3	19.03	19.16	18.98		
1.4	256QAM	1	5	19.08	19.04	18.98		
1.4	256QAM	3	0	18.94	19.13	19.04		
1.4	256QAM	3	1	18.99	19.10	19.03		
1.4	256QAM	3	3	19.01	19.02	19.10		
1.4	256QAM	6	0	18.99	18.97	18.93	20.7	5

GSM1900 Ant3 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	29.88	30.11	30.12	31.00	20.88	21.11	21.12	22.00
GPRS 1 Tx slot	29.84	30.01	30.03	31.00	20.84	21.01	21.03	22.00
GPRS 2 Tx slots	26.71	26.64	26.68	27.50	20.71	20.64	20.68	21.50
GPRS 3 Tx slots	24.54	24.61	24.42	25.50	20.28	20.35	20.16	21.24
GPRS 4 Tx slots	23.88	24.09	24.13	24.50	20.88	21.09	21.13	21.50
EDGE 1 Tx slot	25.37	25.42	25.56	27.00	16.37	16.42	16.56	18.00
EDGE 2 Tx slots	22.21	22.28	22.30	24.00	16.21	16.28	16.30	18.00
EDGE 3 Tx slots	20.12	20.31	20.15	22.00	15.86	16.05	15.89	17.74
EDGE 4 Tx slots	19.44	19.54	19.20	21.00	16.44	16.54	16.20	18.00

		WCDMA II Ant3 DSI5				WCDMA IV Ant3 DSI5			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.99	23.09	22.99	24.00	23.23	23.33	23.23	24.00
3GPP Rel 99	RMC 12.2Kbps	23.02	23.19	22.97	24.00	23.33	23.41	23.40	24.00
3GPP Rel 6	HSDPA Subtest-1	21.80	22.01	22.01	23.00	22.14	22.43	22.38	23.00
3GPP Rel 6	HSDPA Subtest-2	21.91	22.10	21.97	23.00	22.21	22.23	22.36	23.00
3GPP Rel 6	HSDPA Subtest-3	21.44	21.71	21.48	22.50	21.73	21.79	21.77	22.50
3GPP Rel 6	HSDPA Subtest-4	21.52	21.62	21.51	22.50	21.64	21.90	21.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.87	22.05	22.05	23.00	22.14	22.42	22.27	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.90	22.20	21.99	23.00	22.26	22.46	22.29	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.35	21.49	21.48	22.50	21.67	21.93	21.76	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.32	21.57	21.65	22.50	21.77	21.85	21.85	22.50
3GPP Rel 6	HSUPA Subtest-1	21.97	22.13	22.11	23.00	22.06	22.41	22.24	23.00
3GPP Rel 6	HSUPA Subtest-2	19.97	20.14	19.99	21.00	20.12	20.32	20.30	21.00
3GPP Rel 6	HSUPA Subtest-3	20.93	21.12	20.96	22.00	21.23	21.28	21.24	22.00
3GPP Rel 6	HSUPA Subtest-4	19.84	20.16	19.89	21.00	20.11	20.47	20.22	21.00
3GPP Rel 6	HSUPA Subtest-5	21.88	21.98	21.79	23.00	22.13	22.20	22.16	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.24	19.57	19.42	20.50	19.59	19.73	19.69	20.50

Band 2 Ant3 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.26	23.33	23.31	24	0
20	QPSK	1	49	23.12	23.26	23.23		
20	QPSK	1	99	23.14	23.31	23.28		
20	QPSK	50	0	23.13	23.29	23.19		
20	QPSK	50	24	23.14	23.20	23.05	24	0
20	QPSK	50	50	23.07	23.21	23.05		
20	QPSK	100	0	23.09	23.23	23.16		
20	16QAM	1	0	23.01	23.16	23.03		
20	16QAM	1	49	23.18	23.21	23.16	24	0
20	16QAM	1	99	23.22	23.24	23.20		
20	16QAM	50	0	22.49	22.67	22.50		
20	16QAM	50	24	22.45	22.54	22.52	23.5	0.5
20	16QAM	50	50	22.49	22.54	22.47		
20	16QAM	100	0	22.45	22.50	22.45		
20	64QAM	1	0	22.51	22.63	22.56		
20	64QAM	1	49	22.49	22.59	22.51	23.5	0.5
20	64QAM	1	99	22.49	22.52	22.59		
20	64QAM	50	0	21.53	21.64	21.43		
20	64QAM	50	24	21.46	21.48	21.51	22.5	1.5
20	64QAM	50	50	21.45	21.50	21.42		
20	64QAM	100	0	21.51	21.57	21.55		
20	256QAM	1	0	19.51	19.56	19.53		
20	256QAM	1	49	19.49	19.54	19.63	20.5	3.5
20	256QAM	1	99	19.55	19.61	19.59		
20	256QAM	50	0	19.48	19.64	19.51		
20	256QAM	50	24	19.53	19.55	19.58	20.5	3.5
20	256QAM	50	50	19.57	19.61	19.55		
20	256QAM	100	0	19.45	19.60	19.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.19	23.29	23.21	24	0
15	QPSK	1	37	23.03	23.18	23.20		
15	QPSK	1	74	23.05	23.26	23.21		
15	QPSK	36	0	23.07	23.20	23.08		
15	QPSK	36	20	23.08	23.14	23.00	24	0
15	QPSK	36	39	22.97	23.17	23.01		
15	QPSK	75	0	23.04	23.15	23.13		
15	16QAM	1	0	22.94	23.08	22.93		
15	16QAM	1	37	23.09	23.16	23.10	24	0
15	16QAM	1	74	23.15	23.14	23.12		
15	16QAM	36	0	22.38	22.62	22.46		
15	16QAM	36	20	22.42	22.49	22.41	23.5	0.5
15	16QAM	36	39	22.40	22.46	22.39		
15	16QAM	75	0	22.36	22.47	22.37		
15	64QAM	1	0	22.46	22.60	22.53		
15	64QAM	1	37	22.46	22.50	22.46	23.5	0.5
15	64QAM	1	74	22.45	22.48	22.48		
15	64QAM	36	0	21.43	21.59	21.33		
15	64QAM	36	20	21.35	21.45	21.41	22.5	1.5
15	64QAM	36	39	21.37	21.43	21.35		
15	64QAM	75	0	21.48	21.52	21.48		
15	256QAM	1	0	19.40	19.46	19.42		
15	256QAM	1	37	19.43	19.46	19.50	20.5	3.5
15	256QAM	1	74	19.47	19.54	19.55		
15	256QAM	36	0	19.43	19.54	19.41		
15	256QAM	36	20	19.43	19.48	19.49	20.5	3.5
15	256QAM	36	39	19.44	19.51	19.46		
15	256QAM	75	0	19.36	19.51	19.39		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.19	23.27	23.24	24	0
10	QPSK	1	25	23.09	23.20	23.14		
10	QPSK	1	49	23.11	23.20	23.20		
10	QPSK	25	0	23.04	23.24	23.11		
10	QPSK	25	12	23.08	23.10	23.01	24	0
10	QPSK	25	25	23.03	23.13	22.97		
10	QPSK	50	0	23.01	23.18	23.11		
10	16QAM	1	0	22.90	23.12	22.92		
10	16QAM	1	25	23.14	23.16	23.10	24	0
10	16QAM	1	49	23.11	23.16	23.11		
10	16QAM	25	0	22.39	22.61	22.46		
10	16QAM	25	12	22.34	22.49	22.43	23.5	0.5
10	16QAM	25	25	22.44	22.45	22.37		
10	16QAM	50	0	22.35	22.41	22.40		
10	64QAM	1	0	22.45	22.56	22.49		
10	64QAM	1	25	22.43	22.50	22.47	23.5	0.5
10	64QAM	1	49	22.46	22.45	22.52		
10	64QAM	25	0	21.44	21.54	21.40		
10	64QAM	25	12	21.37	21.43	21.42	22.5	1.5
10	64QAM	25	25	21.37	21.44	21.33		
10	64QAM	50	0	21.40	21.52	21.48		
10	256QAM	1	0	19.48	19.49	19.43		
10	256QAM	1	25	19.38	19.50	19.58	20.5	3.5
10	256QAM	1	49	19.45	19.51	19.52		
10	256QAM	25	0	19.42	19.60	19.42		
10	256QAM	25	12	19.45	19.51	19.50	20.5	3.5
10	256QAM	25	25	19.47	19.57	19.51		
10	256QAM	50	0	19.34	19.53	19.42		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.17	23.28	23.26	24	0
5	QPSK	1	12	23.07	23.23	23.13		
5	QPSK	1	24	23.06	23.26	23.21		
5	QPSK	12	0	23.10	23.22	23.13	24	0
5	QPSK	12	7	23.06	23.15	22.99		
5	QPSK	12	13	23.02	23.16	22.96		
5	QPSK	25	0	23.01	23.17	23.07		
5	16QAM	1	0	22.94	23.12	22.95		
5	16QAM	1	12	23.12	23.12	23.09	24	0
5	16QAM	1	24	23.14	23.19	23.16		
5	16QAM	12	0	22.40	22.61	22.41		
5	16QAM	12	7	22.37	22.51	22.42	23.5	0.5
5	16QAM	12	13	22.45	22.50	22.42		
5	16QAM	25	0	22.40	22.44	22.38		
5	64QAM	1	0	22.44	22.59	22.49		
5	64QAM	1	12	22.39	22.56	22.46	23.5	0.5
5	64QAM	1	24	22.42	22.52	22.52		
5	64QAM	12	0	21.48	21.58	21.38		
5	64QAM	12	7	21.36	21.41	21.44	22.5	1.5
5	64QAM	12	13	21.40	21.42	21.39		
5	64QAM	25	0	21.46	21.49	21.51		
5	256QAM	1	0	19.45	19.48	19.45		
5	256QAM	1	12	19.42	19.47	19.57	20.5	3.5
5	256QAM	1	24	19.49	19.54	19.53		
5	256QAM	12	0	19.33	19.44	19.44		
5	256QAM	12	7	19.47	19.46	19.51	20.5	3.5
5	256QAM	12	13	19.48	19.54	19.52		
5	256QAM	25	0	19.37	19.56	19.45		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.16	23.28	23.27	24	0
3	QPSK	1	8	23.07	23.21	23.16		
3	QPSK	1	14	23.07	23.20	23.21		
3	QPSK	8	0	23.05	23.22	23.15	24	0
3	QPSK	8	4	23.05	23.13	22.96		
3	QPSK	8	7	23.00	23.17	22.98		
3	QPSK	15	0	23.01	23.21	23.09		
3	16QAM	1	0	22.94	23.06	22.95		
3	16QAM	1	8	23.07	23.15	23.08	24	0
3	16QAM	1	14	23.13	23.21	23.13		
3	16QAM	8	0	22.44	22.62	22.43		
3	16QAM	8	4	22.41	22.46	22.41	23.5	0.5
3	16QAM	8	7	22.43	22.48	22.41		
3	16QAM	15	0	22.39	22.47	22.41		
3	64QAM	1	0	22.45	22.57	22.52		
3	64QAM	1	8	22.44	22.51	22.47	23.5	0.5
3	64QAM	1	14	22.40	22.48	22.51		
3	64QAM	8	0	21.49	21.61	21.37		
3	64QAM	8	4	21.42	21.38	21.43	22.5	1.5
3	64QAM	8	7	21.36	21.41	21.34		
3	64QAM	15	0	21.41	21.47	21.52		
3	256QAM	1	0	19.44	19.48	19.47		
3	256QAM	1	8	19.45	19.47	19.58	20.5	3.5
3	256QAM	1	14	19.51	19.54	19.50		
3	256QAM	8	0	19.40	19.56	19.46		
3	256QAM	8	4	19.46	19.44	19.49	20.5	3.5
3	256QAM	8	7	19.54	19.52	19.50		
3	256QAM	15	0	19.40	19.54	19.42		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.21	23.27	23.24	24	0
1.4	QPSK	1	3	23.01	23.21	23.19		
1.4	QPSK	1	5	23.07	23.27	23.18		
1.4	QPSK	3	0	23.07	23.22	23.14		
1.4	QPSK	3	1	23.10	23.11	22.98		
1.4	QPSK	3	3	23.01	23.13	22.98		
1.4	QPSK	6	0	23.01	23.20	23.06	24	0
1.4	16QAM	1	0	22.97	23.10	22.98	24	0
1.4	16QAM	1	3	23.12	23.15	23.10		
1.4	16QAM	1	5	23.11	23.19	23.13		
1.4	16QAM	3	0	22.95	23.14	22.94		
1.4	16QAM	3	1	22.86	22.94	22.96		
1.4	16QAM	3	3	22.91	22.95	22.87		
1.4	16QAM	6	0	22.40	22.45	22.40	23.5	0.5
1.4	64QAM	1	0	22.44	22.60	22.47	23.5	0.5
1.4	64QAM	1	3	22.41	22.53	22.48		
1.4	64QAM	1	5	22.44	22.44	22.55		
1.4	64QAM	3	0	22.49	22.55	22.37		
1.4	64QAM	3	1	22.40	22.41	22.45		
1.4	64QAM	3	3	22.35	22.45	22.35		
1.4	64QAM	6	0	21.44	21.52	21.50	22.5	1.5
1.4	256QAM	1	0	19.43	19.49	19.50	20.5	3.5
1.4	256QAM	1	3	19.44	19.51	19.59		
1.4	256QAM	1	5	19.44	19.58	19.52		
1.4	256QAM	3	0	19.41	19.54	19.41		
1.4	256QAM	3	1	19.47	19.50	19.52		
1.4	256QAM	3	3	19.46	19.52	19.50		
1.4	256QAM	6	0	19.41	19.51	19.39	20.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.66	22.72	22.57	23.5	0
20	QPSK	1	49	22.50	22.64	22.50		
20	QPSK	1	99	22.53	22.58	22.60		
20	QPSK	50	0	22.64	22.69	22.58		
20	QPSK	50	24	22.54	22.63	22.60	23.5	0
20	QPSK	50	50	22.55	22.61	22.58		
20	QPSK	100	0	22.62	22.66	22.54		
20	16QAM	1	0	22.60	22.67	22.57	23.5	0
20	16QAM	1	49	22.59	22.65	22.53		
20	16QAM	1	99	22.53	22.60	22.54		
20	16QAM	50	0	22.53	22.58	22.47		
20	16QAM	50	24	22.45	22.52	22.53	23.5	0
20	16QAM	50	50	22.47	22.45	22.52		
20	16QAM	100	0	22.36	22.50	22.44		
20	64QAM	1	0	22.43	22.65	22.50		
20	64QAM	1	49	22.38	22.53	22.42	23.5	0
20	64QAM	1	99	22.47	22.51	22.40		
20	64QAM	50	0	21.37	21.58	21.35		
20	64QAM	50	24	21.34	21.47	21.42	22.5	1
20	64QAM	50	50	21.36	21.49	21.42		
20	64QAM	100	0	21.43	21.49	21.36		
20	256QAM	1	0	19.35	19.46	19.34		
20	256QAM	1	49	19.33	19.43	19.37	20.5	3
20	256QAM	1	99	19.41	19.48	19.45		
20	256QAM	50	0	19.44	19.50	19.33		
20	256QAM	50	24	19.29	19.49	19.39	20.5	3
20	256QAM	50	50	19.33	19.38	19.48		
20	256QAM	100	0	19.31	19.45	19.39		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.60	22.62	22.46	23.5	0
15	QPSK	1	37	22.51	22.49	22.47		
15	QPSK	1	74	22.48	22.50	22.46		
15	QPSK	36	0	22.50	22.54	22.47		
15	QPSK	36	20	22.41	22.59	22.53	23.5	0
15	QPSK	36	39	22.50	22.58	22.45		
15	QPSK	75	0	22.49	22.56	22.42		
15	16QAM	1	0	22.54	22.52	22.54	23.5	0
15	16QAM	1	37	22.52	22.54	22.50		
15	16QAM	1	74	22.47	22.53	22.41		
15	16QAM	36	0	22.40	22.44	22.43	23.5	0
15	16QAM	36	20	22.38	22.48	22.44		
15	16QAM	36	39	22.40	22.33	22.45		
15	16QAM	75	0	22.47	22.47	22.36		
15	64QAM	1	0	22.39	22.59	22.45	23.5	0
15	64QAM	1	37	22.33	22.44	22.33		
15	64QAM	1	74	22.38	22.43	22.30		
15	64QAM	36	0	21.25	21.50	21.30	22.5	1
15	64QAM	36	20	21.30	21.34	21.29		
15	64QAM	36	39	21.25	21.41	21.29		
15	64QAM	75	0	21.38	21.34	21.31		
15	256QAM	1	0	19.27	19.31	19.25	20.5	3
15	256QAM	1	37	19.28	19.33	19.26		
15	256QAM	1	74	19.30	19.45	19.38		
15	256QAM	36	0	19.38	19.39	19.28		
15	256QAM	36	20	19.15	19.37	19.27	20.5	3
15	256QAM	36	39	19.20	19.24	19.40		
15	256QAM	75	0	19.23	19.37	19.32		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.56	22.62	22.57	23.5	0
10	QPSK	1	25	22.41	22.52	22.43		
10	QPSK	1	49	22.44	22.46	22.43		
10	QPSK	25	0	22.56	22.59	22.47		
10	QPSK	25	12	22.44	22.49	22.48	23.5	0
10	QPSK	25	25	22.46	22.53	22.56		
10	QPSK	50	0	22.48	22.54	22.44		
10	16QAM	1	0	22.53	22.60	22.43	23.5	0
10	16QAM	1	25	22.47	22.53	22.44		
10	16QAM	1	49	22.48	22.47	22.42		
10	16QAM	25	0	22.49	22.49	22.38	23.5	0
10	16QAM	25	12	22.30	22.44	22.45		
10	16QAM	25	25	22.36	22.39	22.44		
10	16QAM	50	0	22.32	22.37	22.37		
10	64QAM	1	0	22.33	22.52	22.42	23.5	0
10	64QAM	1	25	22.25	22.38	22.32		
10	64QAM	1	49	22.44	22.37	22.37		
10	64QAM	25	0	21.31	21.43	21.24	22.5	1
10	64QAM	25	12	21.22	21.34	21.31		
10	64QAM	25	25	21.26	21.38	21.29		
10	64QAM	50	0	21.29	21.46	21.31		
10	256QAM	1	0	19.27	19.39	19.30	20.5	3
10	256QAM	1	25	19.23	19.34	19.34		
10	256QAM	1	49	19.37	19.38	19.34		
10	256QAM	25	0	19.41	19.37	19.25		
10	256QAM	25	12	19.14	19.40	19.33	20.5	3
10	256QAM	25	25	19.29	19.32	19.38		
10	256QAM	50	0	19.28	19.34	19.27		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.54	22.59	22.42	23.5	0
5	QPSK	1	12	22.40	22.59	22.45		
5	QPSK	1	24	22.40	22.48	22.42		
5	QPSK	12	0	22.50	22.56	22.49	23.5	0
5	QPSK	12	7	22.41	22.50	22.40		
5	QPSK	12	13	22.42	22.47	22.43		
5	QPSK	25	0	22.58	22.61	22.39		
5	16QAM	1	0	22.45	22.62	22.46	23.5	0
5	16QAM	1	12	22.50	22.50	22.49		
5	16QAM	1	24	22.39	22.47	22.50		
5	16QAM	12	0	22.42	22.45	22.35	23.5	0
5	16QAM	12	7	22.31	22.43	22.41		
5	16QAM	12	13	22.32	22.39	22.38		
5	16QAM	25	0	22.27	22.46	22.33		
5	64QAM	1	0	22.36	22.52	22.40	23.5	0
5	64QAM	1	12	22.26	22.40	22.32		
5	64QAM	1	24	22.33	22.42	22.35		
5	64QAM	12	0	21.33	21.50	21.31	22.5	1
5	64QAM	12	7	21.21	21.35	21.30		
5	64QAM	12	13	21.27	21.44	21.38		
5	64QAM	25	0	21.31	21.43	21.23		
5	256QAM	1	0	19.20	19.41	19.28	20.5	3
5	256QAM	1	12	19.23	19.37	19.27		
5	256QAM	1	24	19.37	19.35	19.35		
5	256QAM	12	0	19.30	19.36	19.25		
5	256QAM	12	7	19.25	19.40	19.29	20.5	3
5	256QAM	12	13	19.18	19.29	19.41		
5	256QAM	25	0	19.26	19.33	19.34		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.60	22.60	22.54	23.5	0
3	QPSK	1	8	22.44	22.52	22.40		
3	QPSK	1	14	22.46	22.44	22.42		
3	QPSK	8	0	22.57	22.64	22.47		
3	QPSK	8	4	22.42	22.58	22.50	23.5	0
3	QPSK	8	7	22.43	22.54	22.50		
3	QPSK	15	0	22.52	22.51	22.40		
3	16QAM	1	0	22.55	22.53	22.45		
3	16QAM	1	8	22.45	22.52	22.42	23.5	0
3	16QAM	1	14	22.46	22.48	22.48		
3	16QAM	8	0	22.50	22.50	22.38		
3	16QAM	8	4	22.42	22.46	22.41	23.5	0
3	16QAM	8	7	22.36	22.33	22.46		
3	16QAM	15	0	22.32	22.44	22.38		
3	64QAM	1	0	22.34	22.59	22.44	23.5	0
3	64QAM	1	8	22.31	22.47	22.43		
3	64QAM	1	14	22.32	22.47	22.30		
3	64QAM	8	0	21.30	21.55	21.28		
3	64QAM	8	4	21.24	21.36	21.35	22.5	1
3	64QAM	8	7	21.26	21.44	21.36		
3	64QAM	15	0	21.35	21.35	21.30		
3	256QAM	1	0	19.20	19.39	19.24	20.5	3
3	256QAM	1	8	19.25	19.30	19.23		
3	256QAM	1	14	19.35	19.38	19.34		
3	256QAM	8	0	19.30	19.37	19.25		
3	256QAM	8	4	19.20	19.36	19.26	20.5	3
3	256QAM	8	7	19.21	19.26	19.43		
3	256QAM	15	0	19.25	19.32	19.26		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.56	22.65	22.48	23.5	0
1.4	QPSK	1	3	22.44	22.56	22.41		
1.4	QPSK	1	5	22.44	22.54	22.43		
1.4	QPSK	3	0	22.52	22.56	22.51		
1.4	QPSK	3	1	22.47	22.57	22.51		
1.4	QPSK	3	3	22.42	22.49	22.47		
1.4	QPSK	6	0	22.59	22.53	22.41	23.5	0
1.4	16QAM	1	0	22.47	22.58	22.50	23.5	0
1.4	16QAM	1	3	22.54	22.56	22.47		
1.4	16QAM	1	5	22.45	22.46	22.42		
1.4	16QAM	3	0	22.43	22.51	22.41		
1.4	16QAM	3	1	22.35	22.46	22.45		
1.4	16QAM	3	3	22.43	22.33	22.41		
1.4	16QAM	6	0	22.32	22.36	22.41	23.5	0
1.4	64QAM	1	0	22.36	22.55	22.43	23.5	0
1.4	64QAM	1	3	22.28	22.48	22.38		
1.4	64QAM	1	5	22.41	22.38	22.26		
1.4	64QAM	3	0	22.29	22.44	22.22		
1.4	64QAM	3	1	22.21	22.36	22.30		
1.4	64QAM	3	3	22.32	22.40	22.28		
1.4	64QAM	6	0	21.30	21.45	21.32	22.5	1
1.4	256QAM	1	0	19.31	19.40	19.29	20.5	3
1.4	256QAM	1	3	19.23	19.28	19.33		
1.4	256QAM	1	5	19.33	19.40	19.36		
1.4	256QAM	3	0	19.33	19.47	19.25		
1.4	256QAM	3	1	19.18	19.37	19.33		
1.4	256QAM	3	3	19.25	19.33	19.39		
1.4	256QAM	6	0	19.23	19.34	19.29	20.5	3

Band 7 Ant3 DSI5

BW [MHz]	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	22.41	22.48	22.43	23	0
20	QPSK	1	49	22.43	22.44	22.39		
20	QPSK	1	99	22.25	22.46	22.23		
20	QPSK	50	0	22.28	22.46	22.39		
20	QPSK	50	24	22.35	22.38	22.34	23	0
20	QPSK	50	50	22.44	22.42	22.41		
20	QPSK	100	0	22.27	22.40	22.34		
20	16QAM	1	0	22.34	22.38	22.29		
20	16QAM	1	49	22.33	22.43	22.38	23

Band 38 Ant3 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.62	24.69	24.64	25.5	0
20	QPSK	1	49	24.50	24.61	24.62		
20	QPSK	1	99	24.47	24.64	24.52		
20	QPSK	50	0	23.53	23.66	23.48	24.5	1
20	QPSK	50	24	23.52	23.59	23.55		
20	QPSK	50	50	23.50	23.52	23.54		
20	QPSK	100	0	23.56	23.69	23.62		
20	16QAM	1	0	23.54	23.65	23.66	24.5	1
20	16QAM	1	49	23.50	23.60	23.50		
20	16QAM	1	99	23.46	23.53	23.53		
20	16QAM	50	0	22.45	22.64	22.51	23.5	2
20	16QAM	50	24	22.49	22.50	22.56		
20	16QAM	50	50	22.45	22.59	22.47		
20	16QAM	100	0	22.52	22.59	22.56		
20	64QAM	1	0	22.60	22.62	22.63	23.5	2
20	64QAM	1	49	22.50	22.58	22.51		
20	64QAM	1	99	22.49	22.61	22.55		
20	64QAM	50	0	21.47	21.66	21.51	22.5	3
20	64QAM	50	24	21.52	21.51	21.55		
20	64QAM	50	50	21.47	21.56	21.57		
20	64QAM	100	0	21.44	21.60	21.58		
20	256QAM	1	0	19.44	19.58	19.50	20.5	5
20	256QAM	1	49	19.44	19.55	19.48		
20	256QAM	1	99	19.42	19.53	19.55		
20	256QAM	50	0	19.51	19.63	19.49	20.5	5
20	256QAM	50	24	19.40	19.54	19.45		
20	256QAM	50	50	19.49	19.55	19.56		
20	256QAM	100	0	19.42	19.51	19.55		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.52	24.60	24.56	25.5	0
15	QPSK	1	37	24.38	24.58	24.51		
15	QPSK	1	74	24.34	24.50	24.47		
15	QPSK	36	0	23.39	23.52	23.35	24.5	1
15	QPSK	36	20	23.38	23.51	23.49		
15	QPSK	36	39	23.36	23.43	23.46		
15	QPSK	75	0	23.49	23.56	23.57		
15	16QAM	1	0	23.48	23.62	23.57	24.5	1
15	16QAM	1	37	23.40	23.50	23.38		
15	16QAM	1	74	23.35	23.43	23.46		
15	16QAM	36	0	22.34	22.59	22.42	23.5	2
15	16QAM	36	20	22.40	22.41	22.51		
15	16QAM	36	39	22.38	22.48	22.36		
15	16QAM	75	0	22.40	22.53	22.44		
15	64QAM	1	0	22.52	22.57	22.54	23.5	2
15	64QAM	1	37	22.42	22.47	22.40		
15	64QAM	1	74	22.43	22.57	22.41		
15	64QAM	36	0	21.35	21.58	21.46	22.5	3
15	64QAM	36	20	21.40	21.41	21.51		
15	64QAM	36	39	21.41	21.46	21.53		
15	64QAM	75	0	21.30	21.48	21.53		
15	256QAM	1	0	19.37	19.49	19.39	20.5	5
15	256QAM	1	37	19.30	19.52	19.37		
15	256QAM	1	74	19.28	19.38	19.44		
15	256QAM	36	0	19.43	19.58	19.39	20.5	5
15	256QAM	36	20	19.26	19.45	19.32		
15	256QAM	36	39	19.35	19.43	19.45		
15	256QAM	75	0	19.35	19.42	19.44		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.55	24.59	24.60	25.5	0
10	QPSK	1	25	24.45	24.50	24.56		
10	QPSK	1	49	24.36	24.54	24.39		
10	QPSK	25	0	23.48	23.55	23.34	24.5	1
10	QPSK	25	12	23.45	23.46	23.44		
10	QPSK	25	25	23.37	23.42	23.43		
10	QPSK	50	0	23.49	23.57	23.55		
10	16QAM	1	0	23.41	23.52	23.61	24.5	1
10	16QAM	1	25	23.36	23.52	23.40		
10	16QAM	1	49	23.38	23.40	23.39		
10	16QAM	25	0	22.35	22.49	22.48	23.5	2
10	16QAM	25	12	22.39	22.40	22.46		
10	16QAM	25	25	22.40	22.49	22.41		
10	16QAM	50	0	22.41	22.53	22.49		
10	64QAM	1	0	22.56	22.55	22.48	23.5	2
10	64QAM	1	25	22.45	22.48	22.47		
10	64QAM	1	49	22.39	22.54	22.51		
10	64QAM	25	0	21.38	21.55	21.38	22.5	3
10	64QAM	25	12	21.49	21.39	21.44		
10	64QAM	25	25	21.33	21.50	21.54		
10	64QAM	50	0	21.40	21.55	21.55		
10	256QAM	1	0	19.31	19.54	19.44	20.5	5
10	256QAM	1	25	19.32	19.41	19.38		
10	256QAM	1	49	19.39	19.50	19.43		
10	256QAM	25	0	19.37	19.52	19.37	20.5	5
10	256QAM	25	12	19.36	19.45	19.39		
10	256QAM	25	25	19.44	19.41	19.43		
10	256QAM	50	0	19.36	19.47	19.51		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.53	24.65	24.57	25.5	0
5	QPSK	1	12	24.46	24.57	24.50		
5	QPSK	1	24	24.34	24.58	24.48		
5	QPSK	12	0	23.46	23.57	23.42	24.5	1
5	QPSK	12	7	23.42	23.48	23.48		
5	QPSK	12	13	23.47	23.38	23.41		
5	QPSK	25	0	23.51	23.59	23.47		
5	16QAM	1	0	23.50	23.53	23.54	24.5	1
5	16QAM	1	12	23.38	23.47	23.38		
5	16QAM	1	24	23.40	23.39	23.43		
5	16QAM	12	0	22.34	22.50	22.43	23.5	2
5	16QAM	12	7	22.43	22.36	22.53		
5	16QAM	12	13	22.38	22.52	22.35		
5	16QAM	25	0	22.43	22.53	22.43		
5	64QAM	1	0	22.55	22.58	22.51	23.5	2
5	64QAM	1	12	22.44	22.43	22.36		
5	64QAM	1	24	22.45	22.57	22.42		
5	64QAM	12	0	21.35	21.62	21.40	22.5	3
5	64QAM	12	7	21.44	21.36	21.44		
5	64QAM	12	13	21.42	21.49	21.48		
5	64QAM	25	0	21.40	21.49	21.53		
5	256QAM	1	0	19.32	19.48	19.42	20.5	5
5	256QAM	1	12	19.41	19.48	19.40		
5	256QAM	1	24	19.39	19.40	19.40		
5	256QAM	12	0	19.39	19.54	19.44	20.5	5
5	256QAM	12	7	19.33	19.49	19.31		
5	256QAM	12	13	19.41	19.41	19.47		
5	256QAM	25	0	19.38	19.47	19.46		

Band 41 Ant3 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	24.71	24.60	24.81	24.74	24.75	25.5	0
20	QPSK	1	49	24.60	24.68	24.74	24.64	24.62		
20	QPSK	1	99	24.72	24.58	24.77	24.64	24.64		
20	QPSK	50	0	23.75	23.64	23.79	23.69	23.70	24.5	1
20	QPSK	50	24	23.63	23.66	23.68	23.68	23.53		
20	QPSK	50	50	23.64	23.63	23.73	23.62	23.58		
20	QPSK	100	0	23.60	23.51	23.73	23.56	23.69		
20	16QAM	1	0	23.71	23.63	23.75	23.67	23.64	24.5	1
20	16QAM	1	49	23.54	23.58	23.61	23.58	23.56		
20	16QAM	1	99	23.57	23.63	23.63	23.62	23.52		
20	16QAM	50	0	22.68	22.56	22.76	22.68	22.67	23.5	2
20	16QAM	50	24	22.55	22.60	22.61	22.66	22.58		
20	16QAM	50	50	22.54	22.57	22.65	22.69	22.56		
20	16QAM	100	0	22.62	22.58	22.70	22.62	22.56		
20	64QAM	1	0	22.62	22.61	22.77	22.65	22.63	23.5	2
20	64QAM	1	49	22.64	22.54	22.72	22.57	22.64		
20	64QAM	1	99	22.59	22.57	22.66	22.60	22.60		
20	64QAM	50	0	21.68	21.62	21.77	21.68	21.62	22.5	3
20	64QAM	50	24	21.52	21.58	21.65	21.59	21.61		
20	64QAM	50	50	21.61	21.64	21.68	21.60	21.59		
20	64QAM	100	0	21.59	21.62	21.69	21.58	21.65		
20	256QAM	1	0	19.57	19.53	19.65	19.65	19.55	20.5	5
20	256QAM	1	49	19.52	19.60	19.65	19.56	19.61		
20	256QAM	1	99	19.49	19.57	19.63	19.55	19.53		
20	256QAM	50	0	19.67	19.55	19.73	19.58	19.65	20.5	5
20	256QAM	50	24	19.64	19.61	19.68	19.54	19.62		
20	256QAM	50	50	19.49	19.52	19.63	19.59	19.58		
20	256QAM	100	0	19.56	19.52	19.70	19.59	19.63		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.68	24.47	24.71	24.59	24.69	25.50	0
15	QPSK	1	37	24.48	24.64	24.68	24.50	24.58		
15	QPSK	1	74	24.63	24.46	24.67	24.53	24.59		
15	QPSK	36	0	23.63	23.56	23.72	23.59	23.64	24.5	1
15	QPSK	36	20	23.55	23.55	23.65	23.55	23.49		
15	QPSK	36	39	23.55	23.51	23.65	23.47	23.48		
15	QPSK	75	0	23.53	23.39	23.69	23.46	23.63		
15	16QAM	1	0	23.64	23.51	23.71	23.58	23.57	24.5	1
15	16QAM	1	37	23.42	23.51	23.46	23.45	23.52		
15	16QAM	1	74	23.53	23.58	23.49	23.52	23.40		
15	16QAM	36	0	22.64	22.50	22.66	22.65	22.61	23.5	2
15	16QAM	36	20	22.46	22.51	22.49	22.52	22.48		
15	16QAM	36	39	22.44	22.47	22.53	22.63	22.53		
15	16QAM	75	0	22.49	22.43	22.65	22.57	22.46		
15	64QAM	1	0	22.54	22.51	22.66	22.60	22.48	23.5	2
15	64QAM	1	37	22.52	22.47	22.63	22.49	22.54		
15	64QAM	1	74	22.55	22.44	22.62	22.57	22.51		
15	64QAM	36	0	21.54	21.54	21.63	21.55	21.57	22.5	3
15	64QAM	36	20	21.38	21.48	21.61	21.53	21.51		
15	64QAM	36	39	21.58	21.57	21.63	21.56	21.54		
15	64QAM	75	0	21.52	21.58	21.64	21.53	21.59		
15	256QAM	1	0	19.49	19.46	19.55	19.60	19.52	20.5	5
15	256QAM	1	37	19.42	19.46	19.50	19.49	19.58		
15	256QAM	1	74	19.44	19.49	19.54	19.48	19.47		
15	256QAM	36	0	19.55	19.47	19.65	19.45	19.53	20.5	5
15	256QAM	36	20	19.49	19.51	19.55	19.48	19.58		
15	256QAM	36	39	19.36	19.38	19.57	19.54	19.54		
15	256QAM	75	0	19.49	19.44	19.61	19.52	19.56		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.57	24.55	24.76	24.68	24.69	25.50	0
10	QPSK	1	25	24.52	24.56	24.63	24.49	24.52		
10	QPSK	1	49	24.60	24.49	24.69	24.51	24.59		
10	QPSK	25	0	23.62	23.57	23.74	23.62	23.63	24.5	1
10	QPSK	25	12	23.49	23.61	23.62	23.53	23.43		
10	QPSK	25	25	23.56	23.55	23.67	23.58	23.46		
10	QPSK	50	0	23.56	23.42	23.68	23.42	23.60		
10	16QAM	1	0	23.62	23.57	23.65	23.58	23.49	24.5	1
10	16QAM	1	25	23.41	23.50	23.49	23.48	23.46		
10	16QAM	1	49	23.51	23.53	23.54	23.53	23.42		
10	16QAM	25	0	22.56	22.51	22.63	22.64	22.61	23.5	2
10	16QAM	25	12	22.49	22.57	22.53	22.55	22.44		
10	16QAM	25	25	22.43	22.44	22.57	22.58	22.53		
10	16QAM	50	0	22.51	22.52	22.57	22.48	22.41		
10	64QAM	1	0	22.53	22.57	22.68	22.55	22.53	23.5	2
10	64QAM	1	25	22.60	22.42	22.61	22.52	22.55		
10	64QAM	1	49	22.44	22.46	22.55	22.52	22.46		
10	64QAM	25	0	21.63	21.52	21.74	21.65	21.51	22.5	3
10	64QAM	25	12	21.44	21.52	21.50	21.53	21.47		
10	64QAM	25	25	21.48	21.55	21.54	21.49	21.45		
10	64QAM	50	0	21.47	21.56	21.63	21.50	21.60		
10	256QAM	1	0	19.46	19.48	19.57	19.57	19.47	20.5	5
10	256QAM	1	25	19.46	19.49	19.56	19.43	19.51		
10	256QAM	1	49	19.42	19.52	19.53	19.42	19.45		
10	256QAM	25	0	19.55	19.48	19.59	19.46	19.54	20.5	5
10	256QAM	25	12	19.54	19.47	19.65	19.44	19.59		
10	256QAM	25	25	19.43	19.41	19.54	19.48	19.44		
10	256QAM	50	0	19.43	19.43	19.57	19.52	19.59		
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	24.67	24.46	24.68	24.60	24.61	25.50	0
5	QPSK	1	12	24.56	24.57	24.66	24.52	24.53		
5	QPSK	1	24	24.67	24.46	24.68	24.61	24.58		
5	QPSK	12	0	23.64	23.51	23.66	23.61	23.66	24.5	1
5	QPSK	12	7	23.54	23.60	23.63	23.56	23.49		
5	QPSK	12	13	23.51	23.57	23.69	23.51	23.54		
5	QPSK	25	0	23.50	23.41	23.68	23.52	23.61		
5	16QAM	1	0	23.67	23.58	23.67	23.54	23.49	24.5	1
5	16QAM	1	12	23.40	23.47	23.52	23.43	23.49		
5	16QAM	1	24	23.45	23.50	23.48	23.48	23.45		
5	16QAM	12	0	22.53	22.45	22.68	22.62	22.53	23.5	2
5	16QAM	12	7	22.47	22.48	22.50	22.58	22.52		
5	16QAM	12	13	22.39	22.47	22.59	22.55	22.42		
5	16QAM	25	0	22.53	22.50	22.61	22.50	22.50		
5	64QAM	1	0	22.51	22.56	22.72	22.58	22.50	23.5	2
5	64QAM	1	12	22.57	22.39	22.66	22.49	22.53		
5	64QAM	1	24	22.50	22.43	22.58	22.54	22.49		
5	64QAM	12	0	21.62	21.49	21.63	21.60	21.48	22.5	3
5	64QAM	12	7	21.45	21.45	21.57	21.52	21.56		
5	64QAM	12	13	21.48	21.53	21.62	21.50	21.46		
5	64QAM	25	0	21.46	21.56	21.58	21.47	21.52		
5	256QAM	1	0	19.52	19.43	19.57	19.61	19.46	20.5	5
5	256QAM	1	12	19.49	19.56	19.51	19.49	19.49		
5	256QAM	1	24	19.39	19.44	19.56	19.49	19.41		
5	256QAM	12	0	19.61	19.48	19.62	19.51	19.58	20.5	5
5	256QAM	12	7	19.58	19.51	19.60	19.43	19.51		
5	256QAM	12	13	19.43	19.49	19.53	19.53	19.53		
5	256QAM	25	0	19.51	19.41	19.62	19.55	19.53		

Band 2 Ant4 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.77	20.90	20.86	22.5	0
20	QPSK	1	49	20.77	20.88	20.69		
20	QPSK	1	99	20.61	20.74	20.65		
20	QPSK	50	0	20.78	20.88	20.80		
20	QPSK	50	24	20.72	20.81	20.80		
20	QPSK	50	50	20.80	20.87	20.75		
20	QPSK	100	0	20.72	20.84	20.77		
20	16QAM	1	0	20.74	20.85	20.69		
20	16QAM	1	49	20.56	20.78	20.61	22.5	0
20	16QAM	1	99	20.68	20.84	20.82		
20	16QAM	50	0	20.74	20.87	20.68		
20	16QAM	50	24	20.59	20.73	20.70	22.5	0
20	16QAM	50	50	20.68	20.74	20.66		
20	16QAM	100	0	20.70	20.80	20.61		
20	64QAM	1	0	20.72	20.87	20.74		
20	64QAM	1	49	20.80	20.78	20.64	22.5	0
20	64QAM	1	99	20.73	20.83	20.72		
20	64QAM	50	0	20.19	20.30	20.27		
20	64QAM	50	24	20.08	20.12	20.29	22	0.5
20	64QAM	50	50	20.17	20.34	20.19		
20	64QAM	100	0	20.14	20.33	20.21		
20	256QAM	1	0	18.10	18.13	18.18		
20	256QAM	1	49	18.15	18.28	18.18	20	2.5
20	256QAM	1	99	18.18	18.21	18.13		
20	256QAM	50	0	18.13	18.34	18.22		
20	256QAM	50	24	18.20	18.13	18.29	20	2.5
20	256QAM	50	50	18.26	18.20	18.23		
20	256QAM	100	0	18.12	18.22	18.11		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.66	20.80	20.78	22.5	0
15	QPSK	1	37	20.65	20.76	20.55		
15	QPSK	1	74	20.57	20.60	20.52		
15	QPSK	36	0	20.64	20.82	20.67		
15	QPSK	36	20	20.62	20.76	20.71	22.5	0
15	QPSK	36	39	20.67	20.80	20.66		
15	QPSK	75	0	20.61	20.79	20.63		
15	16QAM	1	0	20.68	20.74	20.61		
15	16QAM	1	37	20.52	20.68	20.55	22.5	0
15	16QAM	1	74	20.55	20.74	20.68		
15	16QAM	36	0	20.68	20.62	20.58		
15	16QAM	36	20	20.53	20.66	20.63	22.5	0
15	16QAM	36	39	20.61	20.63	20.55		
15	16QAM	75	0	20.56	20.67	20.58		
15	64QAM	1	0	20.63	20.77	20.75		
15	64QAM	1	37	20.70	20.64	20.56	22.5	0
15	64QAM	1	74	20.59	20.70	20.61		
15	64QAM	36	0	20.09	20.23	20.17		
15	64QAM	36	20	20.06	20.18	20.18	22	0.5
15	64QAM	36	39	20.05	20.24	20.08		
15	64QAM	75	0	20.00	20.18	20.16		
15	256QAM	1	0	18.01	18.04	18.03		
15	256QAM	1	37	18.00	18.14	18.11	20	2.5
15	256QAM	1	74	18.06	18.08	18.03		
15	256QAM	36	0	18.05	18.24	18.15		
15	256QAM	36	20	18.07	18.05	18.23	20	2.5
15	256QAM	36	39	18.13	18.08	18.10		
15	256QAM	75	0	18.01	18.14	18.08		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.60	20.72	20.65	22.5	0
10	QPSK	1	25	20.65	20.70	20.52		
10	QPSK	1	49	20.54	20.52	20.51		
10	QPSK	25	0	20.64	20.82	20.58		
10	QPSK	25	12	20.62	20.78	20.64	22.5	0
10	QPSK	25	25	20.63	20.79	20.59		
10	QPSK	50	0	20.53	20.74	20.58		
10	16QAM	1	0	20.61	20.71	20.58		
10	16QAM	1	25	20.51	20.63	20.51	22.5	0
10	16QAM	1	49	20.53	20.64	20.49		
10	16QAM	25	0	20.61	20.53	20.50		
10	16QAM	25	12	20.51	20.61	20.63	22.5	0
10	16QAM	25	25	20.53	20.55	20.55		
10	16QAM	50	0	20.56	20.59	20.59		
10	64QAM	1	0	20.56	20.74	20.68		
10	64QAM	1	25	20.69	20.58	20.55	22.5	0
10	64QAM	1	49	20.52	20.63	20.53		
10	64QAM	25	0	20.08	20.15	20.15		
10	64QAM	25	12	20.04	20.08	20.10	22	0.5
10	64QAM	25	25	20.00	20.19	20.05		
10	64QAM	50	0	20.17	20.17	20.10		
10	256QAM	1	0	18.06	18.08	18.03		
10	256QAM	1	25	18.01	18.12	18.04	20	2.5
10	256QAM	1	49	18.02	18.03	18.02		
10	256QAM	25	0	18.01	18.23	18.08		
10	256QAM	25	12	18.06	18.05	18.18	20	2.5
10	256QAM	25	25	18.12	18.00	18.05		
10	256QAM	50	0	18.06	18.10	18.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.64	20.72	20.73	22.5	0
5	QPSK	1	12	20.61	20.72	20.56		
5	QPSK	1	24	20.50	20.56	20.52		
5	QPSK	12	0	20.63	20.82	20.62		
5	QPSK	12	7	20.59	20.77	20.62	22.5	0
5	QPSK	12	13	20.67	20.77	20.54		
5	QPSK	25	0	20.54	20.79	20.59		
5	16QAM	1	0	20.63	20.72	20.59		
5	16QAM	1	12	20.53	20.66	20.55	22.5	0
5	16QAM	1	24	20.52	20.76	20.68		
5	16QAM	12	0	20.57	20.58	20.51		
5	16QAM	12	7	20.53	20.64	20.63	22.5	0
5	16QAM	12	13	20.58	20.58	20.54		
5	16QAM	25	0	20.51	20.62	20.57		
5	64QAM	1	0	20.53	20.71	20.66		
5	64QAM	1	12	20.70	20.53	20.57	22.5	0
5	64QAM	1	24	20.53	20.52	20.49		
5	64QAM	12	0	20.05	20.17	20.14		
5	64QAM	12	7	20.00	20.12	20.10	22	0.5
5	64QAM	12	13	20.10	20.21	20.02		
5	64QAM	25	0	20.17	20.17	20.13		
5	256QAM	1	0	18.02	18.04	18.04		
5	256QAM	1	12	18.01	18.14	18.03	20	2.5
5	256QAM	1	24	18.00	18.01	18.05		
5	256QAM	12	0	18.04	18.03	18.03		
5	256QAM	12	7	18.03	18.05	18.13	20	2.5
5	256QAM	12	13	18.09	18.03	18.01		
5	256QAM	25	0	18.11	18.08	18.06		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.58	20.75	20.71	22.5	0
3	QPSK	1	8	20.66	20.67	20.50		
3	QPSK	1	14	20.51	20.56	20.50		
3	QPSK	8	0	20.61	20.77	20.60		
3	QPSK	8	4	20.66	20.79	20.68	22.5	0
3	QPSK	8	7	20.67	20.80	20.54		
3	QPSK	15	0	20.58	20.70	20.58		
3	16QAM	1	0	20.59	20.73	20.56		
3	16QAM	1	8	20.50	20.63	20.50	22.5	0
3	16QAM	1	14	20.57	20.80	20.65		
3	16QAM	8	0	20.62	20.50	20.50		
3	16QAM	8	4	20.54	20.56	20.61	22.5	0
3	16QAM	8	7	20.52	20.55	20.60		
3	16QAM	15	0	20.55	20.58	20.58		
3	64QAM	1	0	20.54	20.72	20.66		
3	64QAM	1	8	20.71	20.53	20.55	22.5	0
3	64QAM	1	14	20.54	20.63	20.51		
3	64QAM	8	0	20.03	20.18	20.15		
3	64QAM	8	4	20.02	20.13	20.13	22	0.5
3	64QAM	8	7	20.02	20.21	20.04		
3	64QAM	15	0	20.15	20.21	20.10		
3	256QAM	1	0	18.02	18.06	18.02		
3	256QAM	1	8	18.03	18.10	18.03	20	2.5
3	256QAM	1	14	18.01	18.07	18.00		
3	256QAM	8	0	18.11	18.23	18.09		
3	256QAM	8	4	18.02	18.01	18.18	20	2.5
3	256QAM	8	7	18.09	18.06	18.05		
3	256QAM	15	0	18.02	18.12	18.08		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.66	20.75	20.76	22.5	0
1.4	QPSK	1	3	20.62	20.73	20.65		
1.4	QPSK	1	5	20.55	20.58	20.62		
1.4	QPSK	3	0	20.71	20.76	20.70		
1.4	QPSK	3	1	20.60	20.69	20.68		
1.4	QPSK	3	3	20.65	20.63	20.60		
1.4	QPSK	6	0	20.56	20.72	20.71	22.5	0
1.4	16QAM	1	0	20.66	20.68	20.68	22.5	0
1.4	16QAM	1	3	20.56	20.58	20.54		
1.4	16QAM	1	5	20.53	20.69	20.65		
1.4	16QAM	3	0	20.57	20.70	20.58		
1.4	16QAM	3	1	20.52	20.63	20.58		
1.4	16QAM	3	3	20.52	20.58	20.62		
1.4	16QAM	6	0	20.52	20.67	20.51	22.5	0
1.4	64QAM	1	0	20.68	20.80	20.65	22.5	0
1.4	64QAM	1	3	20.66	20.73	20.61		
1.4	64QAM	1	5	20.59	20.77	20.69		
1.4	64QAM	3	0	20.66	20.73	20.61		
1.4	64QAM	3	1	20.53	20.55	20.73		
1.4	64QAM	3	3	20.60	20.71	20.68		
1.4	64QAM	6	0	20.08	20.26	20.13	22	0.5
1.4	256QAM	1	0	18.06	18.04	18.07	20	2.5
1.4	256QAM	1	3	18.00	18.13	18.05		
1.4	256QAM	1	5	18.04	18.03	18.03		
1.4	256QAM	3	0	18.05	18.19	18.08		
1.4	256QAM	3	1	18.00	18.06	18.09		
1.4	256QAM	3	3	18.11	18.07	18.03		
1.4	256QAM	6	0	18.06	18.13	18.04	20	2.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.11	21.29	21.17	23	0
20	QPSK	1	49	21.12	21.18	21.11		
20	QPSK	1	99	21.16	21.20	21.14		
20	QPSK	50	0	21.13	21.22	21.20		
20	QPSK	50	24	21.15	21.10	21.16	23	0
20	QPSK	50	50	21.14	21.16	21.12		
20	QPSK	100	0	21.15	21.20	21.15		
20	16QAM	1	0	21.16	21.24	21.20		
20	16QAM	1	49	21.12	21.20	21.17	23	0
20	16QAM	1	99	21.07	21.19	21.15		
20	16QAM	50	0	21.02	21.20	21.06		
20	16QAM	50	24	20.59	20.66	20.62	22.5	0.5
20	16QAM	50	50	20.60	20.62	20.61		
20	16QAM	100	0	20.63	20.70	20.62		
20	64QAM	1	0	20.70	20.74	20.64		
20	64QAM	1	49	20.72	20.76	20.67	22.5	0.5
20	64QAM	1	99	20.66	20.70	20.65		
20	64QAM	50	0	19.68	19.74	19.68		
20	64QAM	50	24	19.64	19.67	19.66	21.5	1.5
20	64QAM	50	50	19.63	19.71	19.66		
20	64QAM	100	0	19.61	19.69	19.62		
20	256QAM	1	0	17.66	17.74	17.69		
20	256QAM	1	49	17.67	17.72	17.62	19.5	3.5
20	256QAM	1	99	17.61	17.68	17.64		
20	256QAM	50	0	17.73	17.79	17.75		
20	256QAM	50	24	17.72	17.79	17.72	19.5	3.5
20	256QAM	50	50	17.67	17.70	17.64		
20	256QAM	100	0	17.71	17.75	17.69		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.63	22.74	22.66	23	0
15	QPSK	1	37	22.65	22.71	22.68		
15	QPSK	1	74	22.68	22.70	22.63		
15	QPSK	36	0	21.55	21.79	21.61	23	0
15	QPSK	36	20	21.59	21.60	21.65		
15	QPSK	36	39	21.58	21.57	21.59		
15	QPSK	75	0	21.53	21.69	21.59		
15	16QAM	1	0	21.58	21.74	21.66	23	0
15	16QAM	1	37	21.54	21.61	21.59		
15	16QAM	1	74	21.59	21.56	21.58		
15	16QAM	36	0	20.52	20.70	20.58	22.5	0.5
15	16QAM	36	20	20.59	20.62	20.65		
15	16QAM	36	39	20.54	20.51	20.67		
15	16QAM	75	0	20.55	20.72	20.66		
15	64QAM	1	0	20.59	20.77	20.69	22.5	0.5
15	64QAM	1	37	20.52	20.71	20.58		
15	64QAM	1	74	20.52	20.69	20.61		
15	64QAM	36	0	19.55	19.72	19.57	21.5	1.5
15	64QAM	36	20	19.58	19.58	19.55		
15	64QAM	36	39	19.54	19.73	19.68		
15	64QAM	75	0	19.51	19.65	19.68		
15	256QAM	1	0	17.70	17.74	17.73	19.5	3.5
15	256QAM	1	37	17.63	17.68	17.67		
15	256QAM	1	74	17.54	17.63	17.72		
15	256QAM	36	0	17.64	17.81	17.64		
15	256QAM	36	20	17.59	17.69	17.69		
15	256QAM	36	39	17.54	17.77	17.73		
15	256QAM	75	0	17.61	17.80	17.62		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.65	22.75	22.65	23	0
10	QPSK	1	25	22.67	22.79	22.65		
10	QPSK	1	49	22.58	22.68	22.74		
10	QPSK	25	0	21.55	21.79	21.70	23	0
10	QPSK	25	12	21.59	21.66	21.65		
10	QPSK	25	25	21.55	21.71	21.63		
10	QPSK	50	0	21.61	21.77	21.56		
10	16QAM	1	0	21.52	21.74	21.70	23	0
10	16QAM	1	25	21.55	21.72	21.54		
10	16QAM	1	49	21.59	21.60	21.53		
10	16QAM	25	0	20.55	20.71	20.66	22.5	0.5
10	16QAM	25	12	20.58	20.55	20.61		
10	16QAM	25	25	20.52	20.59	20.68		
10	16QAM	50	0	20.51	20.63	20.59		
10	64QAM	1	0	20.63	20.66	20.60	22.5	0.5
10	64QAM	1	25	20.60	20.65	20.58		
10	64QAM	1	49	20.58	20.70	20.67		
10	64QAM	25	0	19.57	19.74	19.59	21.5	1.5
10	64QAM	25	12	19.56	19.66	19.57		
10	64QAM	25	25	19.54	19.64	19.61		
10	64QAM	50	0	19.51	19.61	19.68		
10	256QAM	1	0	17.72	17.63	17.73	19.5	3.5
10	256QAM	1	25	17.65	17.77	17.64		
10	256QAM	1	49	17.56	17.66	17.73		
10	256QAM	25	0	17.58	17.84	17.65		
10	256QAM	25	12	17.64	17.74	17.59		
10	256QAM	25	25	17.55	17.72	17.69		
10	256QAM	50	0	17.62	17.73	17.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.57	22.78	22.72	23	0
5	QPSK	1	12	22.58	22.74	22.66		
5	QPSK	1	24	22.61	22.70	22.73		
5	QPSK	12	0	21.51	21.71	21.60	23	0
5	QPSK	12	7	21.54	21.59	21.69		
5	QPSK	12	13	21.64	21.77	21.66		
5	QPSK	25	0	21.58	21.76	21.63		
5	16QAM	1	0	21.60	21.72	21.70	23	0
5	16QAM	1	12	21.58	21.78	21.53		
5	16QAM	1	24	21.55	21.56	21.59		
5	16QAM	12	0	20.51	20.72	20.59	22.5	0.5
5	16QAM	12	7	20.53	20.62	20.64		
5	16QAM	12	13	20.58	20.53	20.64		
5	16QAM	25	0	20.54	20.70	20.65		
5	64QAM	1	0	20.65	20.66	20.69	22.5	0.5
5	64QAM	1	12	20.56	20.70	20.59		
5	64QAM	1	24	20.56	20.71	20.64		
5	64QAM	12	0	19.58	19.76	19.62	21.5	1.5
5	64QAM	12	7	19.57	19.59	19.56		
5	64QAM	12	13	19.61	19.72	19.61		
5	64QAM	25	0	19.55	19.62	19.60		
5	256QAM	1	0	17.60	17.66	17.72	19.5	3.5
5	256QAM	1	12	17.62	17.73	17.84		
5	256QAM	1	24	17.63	17.70	17.66		
5	256QAM	12	0	17.64	17.74	17.63		
5	256QAM	12	7	17.67	17.76	17.68		
5	256QAM	12	13	17.51	17.74	17.65		
5	256QAM	25	0	17.64	17.79	17.58		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.60	22.77	22.65	23	0
3	QPSK	1	8	22.67	22.77	22.59		
3	QPSK	1	14	22.56	22.69	22.74		
3	QPSK	8	0	21.59	21.80	21.65	23	0
3	QPSK	8	4	21.53	21.61	21.60		
3	QPSK	8	7	21.63	21.74	21.65		
3	QPSK	15	0	21.56	21.72	21.58		
3	16QAM	1	0	21.57	21.74	21.70	23	0
3	16QAM	1	8	21.54	21.68	21.61		
3	16QAM	1	14	21.59	21.60	21.64		
3	16QAM	8	0	20.53	20.68	20.63	22.5	0.5
3	16QAM	8	4	20.54	20.55	20.63		
3	16QAM	8	7	20.52	20.52	20.62		
3	16QAM	15	0	20.56	20.72	20.65		
3	64QAM	1	0	20.65	20.70	20.70	22.5	0.5
3	64QAM	1	8	20.58	20.72	20.60		
3	64QAM	1	14	20.57	20.68	20.68		
3	64QAM	8	0	19.53	19.76	19.60	21.5	1.5
3	64QAM	8	4	19.53	19.66	19.55		
3	64QAM	8	7	19.60	19.73	19.68		
3	64QAM	15	0	19.60	19.59	19.58		
3	256QAM	1	0	17.67	17.70	17.73	19.5	3.5
3	256QAM	1	8	17.70	17.73	17.84		
3	256QAM	1	14	17.62	17.64	17.69		
3	256QAM	8	0	17.61	17.81	17.60		
3	256QAM	8	4	17.63	17.78	17.66	19.5	3.5
3	256QAM	8	7	17.59	17.77	17.71		
3	256QAM	15	0	17.55	17.74	17.60		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.57	22.73	22.64	23	0
1.4	QPSK	1	3	22.63	22.74	22.68		
1.4	QPSK	1	5	22.62	22.69	22.67		
1.4	QPSK	3	0	22.56	22.75	22.64		
1.4	QPSK	3	1	22.51	22.61	22.68		
1.4	QPSK	3	3	22.63	22.76	22.65		
1.4	QPSK	6	0	21.55	21.76	21.64	23	0
1.4	16QAM	1	0	21.53	21.72	21.75	23	0
1.4	16QAM	1	3	21.51	21.63	21.57		
1.4	16QAM	1	5	21.56	21.62	21.62		
1.4	16QAM	3	0	21.54	21.66	21.67		
1.4	16QAM	3	1	21.54	21.60	21.64		
1.4	16QAM	3	3	21.54	21.56	21.61		
1.4	16QAM	6	0	20.59	20.65	20.66	22.5	0.5
1.4	64QAM	1	0	20.65	20.67	20.72	22.5	0.5
1.4	64QAM	1	3	20.56	20.68	20.61		
1.4	64QAM	1	5	20.55	20.69	20.66		
1.4	64QAM	3	0	20.55	20.70	20.60		
1.4	64QAM	3	1	20.53	20.68	20.57		
1.4	64QAM	3	3	20.51	20.67	20.59		
1.4	64QAM	6	0	19.57	19.63	19.65	21.5	1.5
1.4	256QAM	1	0	17.70	17.67	17.76	19.5	3.5
1.4	256QAM	1	3	17.69	17.72	17.68		
1.4	256QAM	1	5	17.53	17.67	17.69		
1.4	256QAM	3	0	17.62	17.83	17.66		
1.4	256QAM	3	1	17.65	17.71	17.63		
1.4	256QAM	3	3	17.55	17.76	17.70		
1.4	256QAM	6	0	17.62	17.79	17.65	19.5	3.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.38	18.52	18.43	19.5	0
20	QPSK	1	49	18.32	18.42	18.38		
20	QPSK	1	99	18.25	18.36	18.21		
20	QPSK	50	0	18.38	18.46	18.38		
20	QPSK	50	24	18.32	18.37	18.31		
20	QPSK	50	50	18.27	18.35	18.24		
20	QPSK	100	0	18.41	18.45	18.37		
20	16QAM	1	0	18.37	18.40	18.30		
20	16QAM	1	49	18.26	18.41	18.38		
20	16QAM	1	99	18.30	18.40	18.31		

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BW [MHz]	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	20.56	20.64	20.61	22	0
20	QPSK	1	49	20.48	20.59	20.51		
20	QPSK	1	99	20.44	20.51	20.44		
20	QPSK	50	0	20.51	20.62	20.56	22	0
20	QPSK	50	24	20.43	20.55	20.47		
20	QPSK	50	50	20.39	20.48	20.44		
20	QPSK	100	0	20.47	20.59	20.50		
20	16QAM	1	0	20.48	20.57	20.47	22	0
20	16QAM	1	49	20.41	20.51	20.48		
20	16QAM	1	99	20.44	20.48	20.36		
20	16QAM	50	0	20.48	20.54	20.42	22	0
20	16QAM	50	24	20.42	20.46	20.43		
20	16QAM	50	50	20.32	20.43	20.35		
20	16QAM	100	0	20.54	20.58	20.53		
20	64QAM	1	0	20.47	20.56	20.42	22	0
20	64QAM	1	49	20.35	20.42	20.28		
20	64QAM	1	99	20.35	20.48	20.38		
20	64QAM	50	0	20.49	20.53	20.46	22	0
20	64QAM	50	24	20.41	20.47	20.42		
20	64QAM	50	50	20.25	20.40	20.32		
20	64QAM	100	0	20.29	20.42	20.29		
20	256QAM	1	0	18.30	18.44	18.35	20	2
20	256QAM	1	49	18.32	18.41	18.40		
20	256QAM	1	99	18.33	18.38	18.36		
20	256QAM	50	0	18.30	18.47	18.38	20	2
20	256QAM	50	24	18.31	18.43	18.37		
20	256QAM	50	50	18.41	18.40	18.33		
20	256QAM	100	0	18.31	18.47	18.33		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.48	20.52	20.50	22	0
15	QPSK	1	37	20.37	20.48	20.38		
15	QPSK	1	74	20.39	20.39	20.31		
15	QPSK	36	0	20.47	20.51	20.52	22	0
15	QPSK	36	20	20.39	20.46	20.37		
15	QPSK	36	39	20.26	20.41	20.32		
15	QPSK	75	0	20.44	20.53	20.35		
15	16QAM	1	0	20.40	20.44	20.44	22	0
15	16QAM	1	37	20.30	20.38	20.34		
15	16QAM	1	74	20.36	20.42	20.31		
15	16QAM	36	0	20.34	20.46	20.30	22	0
15	16QAM	36	20	20.34	20.34	20.30		
15	16QAM	36	39	20.18	20.35	20.31		
15	16QAM	75	0	20.45	20.52	20.49		
15	64QAM	1	0	20.34	20.50	20.31	22	0
15	64QAM	1	37	20.31	20.32	20.18		
15	64QAM	1	74	20.21	20.37	20.30		
15	64QAM	36	0	20.43	20.42	20.33	22	0
15	64QAM	36	20	20.35	20.42	20.28		
15	64QAM	36	39	20.13	20.29	20.21		
15	64QAM	75	0	20.24	20.29	20.25		
15	256QAM	1	0	18.25	18.34	18.23	20	2
15	256QAM	1	37	18.22	18.36	18.37		
15	256QAM	1	74	18.18	18.31	18.23		
15	256QAM	36	0	18.26	18.38	18.29	20	2
15	256QAM	36	20	18.17	18.35	18.33		
15	256QAM	36	39	18.35	18.37	18.23		
15	256QAM	75	0	18.26	18.40	18.23		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.42	20.58	20.53	22	0
10	QPSK	1	25	20.35	20.52	20.39		
10	QPSK	1	49	20.40	20.37	20.40		
10	QPSK	25	0	20.40	20.51	20.46	22	0
10	QPSK	25	12	20.34	20.41	20.42		
10	QPSK	25	25	20.25	20.43	20.39		
10	QPSK	50	0	20.38	20.50	20.42		
10	16QAM	1	0	20.38	20.48	20.41	22	0
10	16QAM	1	25	20.35	20.45	20.34		
10	16QAM	1	49	20.36	20.38	20.33		
10	16QAM	25	0	20.45	20.40	20.38	22	0
10	16QAM	25	12	20.34	20.38	20.35		
10	16QAM	25	25	20.24	20.37	20.22		
10	16QAM	50	0	20.47	20.52	20.47		
10	64QAM	1	0	20.40	20.51	20.32	22	0
10	64QAM	1	25	20.29	20.35	20.20		
10	64QAM	1	49	20.23	20.40	20.28		
10	64QAM	25	0	20.43	20.39	20.40	22	0
10	64QAM	25	12	20.32	20.42	20.38		
10	64QAM	25	25	20.12	20.28	20.27		
10	64QAM	50	0	20.24	20.38	20.17		
10	256QAM	1	0	18.27	18.35	18.29	20	2
10	256QAM	1	25	18.26	18.33	18.30		
10	256QAM	1	49	18.19	18.25	18.21		
10	256QAM	25	0	18.15	18.44	18.23	20	2
10	256QAM	25	12	18.26	18.39	18.30		
10	256QAM	25	25	18.38	18.35	18.23		
10	256QAM	50	0	18.24	18.36	18.20		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.47	20.52	20.52	22	0
5	QPSK	1	12	20.36	20.49	20.37		
5	QPSK	1	24	20.40	20.40	20.37		
5	QPSK	12	0	20.45	20.58	20.49	22	0
5	QPSK	12	7	20.32	20.41	20.36		
5	QPSK	12	13	20.28	20.43	20.29		
5	QPSK	25	0	20.35	20.52	20.39		
5	16QAM	1	0	20.44	20.49	20.38	22	0
5	16QAM	1	12	20.37	20.36	20.39		
5	16QAM	1	24	20.41	20.36	20.28		
5	16QAM	12	0	20.36	20.40	20.34	22	0
5	16QAM	12	7	20.31	20.37	20.32		
5	16QAM	12	13	20.26	20.37	20.24		
5	16QAM	25	0	20.49	20.50	20.50		
5	64QAM	1	0	20.39	20.43	20.31	22	0
5	64QAM	1	12	20.26	20.34	20.20		
5	64QAM	1	24	20.23	20.37	20.25		
5	64QAM	12	0	20.34	20.46	20.36	22	0
5	64QAM	12	7	20.38	20.36	20.35		
5	64QAM	12	13	20.16	20.29	20.26		
5	64QAM	25	0	20.24	20.28	20.14		
5	256QAM	1	0	18.16	18.32	18.25	20	2
5	256QAM	1	12	18.25	18.28	18.26		
5	256QAM	1	24	18.21	18.30	18.22		
5	256QAM	12	0	18.26	18.35	18.30	20	2
5	256QAM	12	7	18.19	18.38	18.29		
5	256QAM	12	13	18.38	18.29	18.26		
5	256QAM	25	0	18.27	18.43	18.27		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.30	20.23	20.34	20.12	20.15	21.5	0
20	QPSK	1	49	20.28	20.25	20.28	20.16	20.10		
20	QPSK	1	99	20.23	20.16	20.23	20.17	20.04		
20	QPSK	50	0	20.15	20.07	20.21	20.03	20.05	21.5	0
20	QPSK	50	24	20.05	20.10	20.18	20.10	20.08		
20	QPSK	50	50	20.03	20.03	20.15	20.01	20.03		
20	QPSK	100	0	20.13	20.05	20.18	20.00	20.08		
20	16QAM	1	0	20.25	20.17	20.25	20.18	20.16	21.5	0
20	16QAM	1	49	20.16	20.11	20.16	20.07	20.07		
20	16QAM	1	99	20.19	20.11	20.19	20.15	20.07		
20	16QAM	50	0	20.15	20.05	20.15	20.10	20.01	21.5	0
20	16QAM	50	24	20.11	20.06	20.11	19.96	20.00		
20	16QAM	50	50	20.08	20.02	20.08	20.01	19.98		
20	16QAM	100	0	20.22	20.11	20.22	20.13	20.12		
20	64QAM	1	0	20.25	20.20	20.25	20.13	20.19	21.5	0
20	64QAM	1	49	20.21	20.10	20.21	20.11	20.12		
20	64QAM	1	99	20.13	20.01	20.13	20.09	20.03		
20	64QAM	50	0	20.25	20.15	20.25	20.20	20.13	21.5	0
20	64QAM	50	24	20.19	20.04	20.19	20.13	20.11		
20	64QAM	50	50	20.21	20.10	20.21	20.06	20.15		
20	64QAM	100	0	20.15	20.04	20.15	20.03	20.11		
20	256QAM	1	0	18.28	18.44	18.37	18.45	18.31	20	1.5
20	256QAM	1	49	18.42	18.40	18.55	18.39	18.39		
20	256QAM	1	99	18.36	18.43	18.51	18.43	18.36		
20	256QAM	50	0	18.48	18.42	18.54	18.42	18.46	20	1.5
20	256QAM	50	24	18.42	18.39	18.50	18.41	18.41		
20	256QAM	50	50	18.39	18.40	18.55	18.48	18.42		
20	256QAM	100	0	18.37	18.38	18.38	18.49	18.28		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.18	20.15	20.24	20.07	20.03	21.50	0
15	QPSK	1	37	20.25	20.10	20.16	20.11	20.05		
15	QPSK	1	74	20.19	20.11	20.09	20.06	20.01		
15	QPSK	36	0	20.08	20.01	20.07	19.92	19.97	21.5	0
15	QPSK	36	20	19.99	20.02	20.05	19.98	19.98		
15	QPSK	36	39	19.99	19.98	20.09	19.95	20.00		
15	QPSK	75	0	20.05	19.93	20.13	19.88	19.97		
15	16QAM	1	0	20.12	20.05	20.20	20.08	20.04	21.5	0
15	16QAM	1	37	20.04	20.02	20.10	20.01	20.03		
15	16QAM	1	74	20.16	20.00	20.07	20.03	20.01		
15	16QAM	36	0	20.07	19.96	20.02	20.06	19.96	21.5	0
15	16QAM	36	20	19.99	19.93	19.98	19.85	19.89		
15	16QAM	36	39	20.01	19.97	20.02	19.98	19.94		
15	16QAM	75	0	20.14	19.96	20.14	20.06	20.01		
15	64QAM	1	0	20.14	20.08	20.17	20.04	20.14	21.5	0
15	64QAM	1	37	20.08	19.96	20.14	20.04	19.98		
15	64QAM	1	74	20.03	19.91	20.01	20.05	19.99		
15	64QAM	36	0	20.21	20.06	20.11	20.16	20.09	21.5	0
15	64QAM	36	20	20.15	19.91	20.11	20.02	19.99		
15	64QAM	36	39	20.13	20.06	20.09	20.00	20.04		
15	64QAM	75	0	20.08	19.90	20.07	19.94	20.03		
15	256QAM	1	0	18.21	18.32	18.33	18.32	18.17	20	1.5
15	256QAM	1	37	18.36	18.28	18.47	18.30	18.28		
15	256QAM	1	74	18.33	18.34	18.48	18.31	18.30		
15	256QAM	36	0	18.42	18.28	18.44	18.36	18.36	20	1.5
15	256QAM	36	20	18.35	18.28	18.45	18.29	18.37		
15	256QAM	36	39	18.35	18.30	18.52	18.35	18.38		
15	256QAM	75	0	18.33	18.33	18.26	18.44	18.24		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.23	20.17	20.19	20.05	20.08	21.50	0
10	QPSK	1	25	20.17	20.18	20.20	20.06	19.96		
10	QPSK	1	49	20.11	20.11	20.11	20.10	19.93		
10	QPSK	25	0	20.04	19.96	20.09	19.91	19.95	21.5	0
10	QPSK	25	12	19.96	19.95	20.13	20.00	20.01		
10	QPSK	25	25	19.89	19.89	20.09	19.97	20.00		
10	QPSK	50	0	20.06	19.98	20.12	19.86	20.02		
10	16QAM	1	0	20.15	20.02	20.20	20.07	20.02	21.5	0
10	16QAM	1	25	20.07	19.97	20.06	19.96	20.01		
10	16QAM	1	49	20.15	20.06	20.05	20.07	20.00		
10	16QAM	25	0	20.03	19.94	20.02	19.95	19.93	21.5	0
10	16QAM	25	12	19.98	19.92	19.99	19.87	19.90		
10	16QAM	25	25	19.98	19.93	19.98	19.93	19.92		
10	16QAM	50	0	20.19	19.97	20.17	20.06	20.05		
10	64QAM	1	0	20.15	20.11	20.11	20.02	20.16	21.5	0
10	64QAM	1	25	20.08	20.05	20.10	19.96	20.05		
10	64QAM	1	49	20.02	19.94	20.08	20.01	19.97		
10	64QAM	25	0	20.22	20.03	20.20	20.15	20.01	21.5	0
10	64QAM	25	12	20.14	19.97	20.14	20.06	20.06		
10	64QAM	25	25	20.08	19.98	20.14	19.93	20.04		
10	64QAM	50	0	20.09	19.96	20.00	19.94	19.99		
10	256QAM	1	0	18.15	18.31	18.29	18.33	18.20	20	1.5
10	256QAM	1	25	18.32	18.28	18.45	18.29	18.25		
10	256QAM	1	49	18.26	18.37	18.42	18.35	18.28		
10	256QAM	25	0	18.36	18.37	18.40	18.36	18.39	20	1.5
10	256QAM	25	12	18.31	18.33	18.39	18.33	18.31		
10	256QAM	25	25	18.30	18.29	18.47	18.43	18.29		
10	256QAM	50	0	18.33	18.26	18.35	18.40	18.22		
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	20.15	20.08	20.28	20.04	20.05	21.50	0
5	QPSK	1	12	20.20	20.18	20.24	20.02	20.06		
5	QPSK	1	24	20.11	20.11	20.13	20.02	19.97		
5	QPSK	12	0	20.08	20.04	20.09	19.89	19.94	21.5	0
5	QPSK	12	7	19.91	20.06	20.09	20.01	20.03		
5	QPSK	12	13	19.98	19.89	20.04	19.87	19.95		
5	QPSK	25	0	20.04	19.91	20.10	19.92	20.02		
5	16QAM	1	0	20.12	20.13	20.16	20.14	20.12	21.5	0
5	16QAM	1	12	20.11	20.03	20.11	20.04	19.93		
5	16QAM	1	24	20.07	19.97	20.05	20.08	19.94		
5	16QAM	12	0	20.08	19.98	20.08	20.05	19.89	21.5	0
5	16QAM	12	7	20.06	19.96	20.03	19.92	19.92		
5	16QAM	12	13	20.02	19.96	20.03	19.88	19.88		
5	16QAM	25	0	20.09	20.05	20.08	20.03	19.98		
5	64QAM	1	0	20.21	20.11	20.14	20.01	20.10	21.5	0
5	64QAM	1	12	20.15	19.97	20.12	20.06	20.03		
5	64QAM	1	24	20.02	19.91	19.98	19.95	19.98		
5	64QAM	12	0	20.16	20.12	20.21	20.09	20.03	21.5	0
5	64QAM	12	7	20.11	19.95	20.14	20.05	20.01		
5	64QAM	12	13	20.08	20.02	20.13	19.95	20.04		
5	64QAM	25	0	20.05	19.99	20.09	19.99	20.07		
5	256QAM	1	0	18.16	18.34	18.25	18.35	18.17	20	1.5
5	256QAM	1	12	18.31	18.27	18.47	18.35	18.25		
5	256QAM	1	24	18.31	18.36	18.47	18.37	18.27		
5	256QAM	12	0	18.34	18.36	18.43	18.27	18.39	20	1.5
5	256QAM	12	7	18.32	18.30	18.45	18.26	18.31		
5	256QAM	12	13	18.31	18.31	18.44	18.35	18.31		
5	256QAM	25	0	18.27	18.30	18.25	18.40	18.25		

GSM1900 Ant5 DSI5

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	26.52	26.41	26.47	28.00	17.52	17.41	17.47	19.00
GPRS 1 Tx slot	26.48	26.39	26.44	28.00	17.48	17.39	17.44	19.00
GPRS 2 Tx slots	23.15	23.23	23.08	25.00	17.15	17.23	17.08	19.00
GPRS 3 Tx slots	21.20	21.31	21.15	23.00	16.94	17.05	16.89	18.74
GPRS 4 Tx slots	20.43	20.49	20.36	22.00	17.43	17.49	17.36	19.00
EDGE 1 Tx slot	24.08	24.26	24.12	26.00	15.08	15.26	15.12	17.00
EDGE 2 Tx slots	21.15	21.18	21.07	23.00	15.15	15.18	15.07	17.00
EDGE 3 Tx slots	19.11	19.19	19.27	21.00	14.85	14.93	15.01	16.74
EDGE 4 Tx slots	18.05	18.20	18.11	20.00	15.05	15.20	15.11	17.00

		WCDMA II Ant5 DSI5				WCDMA IV Ant5 DSI5			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.30	18.41	18.22	19.50	17.81	17.84	17.76	19.00
3GPP Rel 99	RMC 12.2Kbps	18.39	18.46	18.28	19.50	17.88	17.91	17.87	19.00
3GPP Rel 6	HSDPA Subtest-1	17.12	17.42	17.33	18.50	16.84	16.97	16.76	18.00
3GPP Rel 6	HSDPA Subtest-2	17.30	17.43	17.31	18.50	16.87	16.98	16.74	18.00
3GPP Rel 6	HSDPA Subtest-3	16.89	16.93	16.84	18.00	16.41	16.41	16.22	17.50
3GPP Rel 6	HSDPA Subtest-4	16.75	16.98	16.86	18.00	16.37	16.51	16.31	17.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.27	17.51	17.47	18.50	16.82	16.97	16.61	18.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.41	17.42	17.21	18.50	16.81	16.97	16.90	18.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.77	16.95	16.67	18.00	16.36	16.37	16.18	17.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.73	17.01	16.91	18.00	16.54	16.40	16.29	17.50
3GPP Rel 6	HSUPA Subtest-1	17.08	17.39	17.41	18.50	16.92	16.87	16.71	18.00
3GPP Rel 6	HSUPA Subtest-2	15.23	15.38	15.36	16.50	14.85	14.85	14.74	16.00
3GPP Rel 6	HSUPA Subtest-3	16.26	16.45	16.27	17.50	15.79	16.00	15.76	17.00
3GPP Rel 6	HSUPA Subtest-4	15.23	15.51	15.38	16.50	14.98	14.95	14.68	16.00
3GPP Rel 6	HSUPA Subtest-5	17.23	17.41	17.26	18.50	16.66	16.95	16.72	18.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.66	14.91	14.81	16.00	14.32	14.35	14.13	15.50

Band 4 Ant5 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.83	18.99	18.91		
20	QPSK	1	49	18.77	18.88	18.84	20	0
20	QPSK	1	99	18.79	18.93	18.80		
20	QPSK	50	0	18.88	18.96	18.87		
20	QPSK	50	24	18.78	18.81	18.72	20	0
20	QPSK	50	50	18.74	18.86	18.70		
20	QPSK	100	0	18.76	18.88	18.73		
20	16QAM	1	0	18.77	18.84	18.77		
20	16QAM	1	49	18.76	18.82	18.77	20	0
20	16QAM	1	99	18.77	18.82	18.73		
20	16QAM	50	0	18.84	18.88	18.81		
20	16QAM	50	24	18.74	18.84	18.81	20	0
20	16QAM	50	50	18.76	18.93	18.84		
20	16QAM	100	0	18.82	18.87	18.80		
20	64QAM	1	0	18.76	18.91	18.87		
20	64QAM	1	49	18.71	18.88	18.84	20	0
20	64QAM	1	99	18.76	18.91	18.86		
20	64QAM	50	0	18.72	18.87	18.78		
20	64QAM	50	24	18.87	18.95	18.93	20	0
20	64QAM	50	50	18.82	18.84	18.72		
20	64QAM	100	0	18.83	18.86	18.75		
20	256QAM	1	0	18.83	18.93	18.78		
20	256QAM	1	49	18.79	18.90	18.79	20	0
20	256QAM	1	99	18.77	18.78	18.83		
20	256QAM	50	0	18.70	18.94	18.83		
20	256QAM	50	24	18.81	18.76	18.81	20	0
20	256QAM	50	50	18.70	18.81	18.81		
20	256QAM	100	0	18.75	18.85	18.86		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.71	18.90	18.82		
15	QPSK	1	37	18.68	18.74	18.75	20	0
15	QPSK	1	74	18.65	18.84	18.67		
15	QPSK	36	0	18.80	18.88	18.75		
15	QPSK	36	20	18.65	18.68	18.68	20	0
15	QPSK	36	39	18.68	18.82	18.60		
15	QPSK	75	0	18.62	18.79	18.59		
15	16QAM	1	0	18.65	18.77	18.67		
15	16QAM	1	37	18.65	18.71	18.73	20	0
15	16QAM	1	74	18.70	18.68	18.68		
15	16QAM	36	0	18.69	18.83	18.67		
15	16QAM	36	20	18.60	18.70	18.66	20	0
15	16QAM	36	39	18.63	18.68	18.73		
15	16QAM	75	0	18.76	18.77	18.77		
15	64QAM	1	0	18.70	18.84	18.72		
15	64QAM	1	37	18.66	18.84	18.78	20	0
15	64QAM	1	74	18.65	18.80	18.72		
15	64QAM	36	0	18.65	18.80	18.67		
15	64QAM	36	20	18.79	18.81	18.82	20	0
15	64QAM	36	39	18.79	18.70	18.62		
15	64QAM	75	0	18.75	18.74	18.70		
15	256QAM	1	0	18.76	18.82	18.72		
15	256QAM	1	37	18.73	18.87	18.76	20	0
15	256QAM	1	74	18.72	18.75	18.71		
15	256QAM	36	0	18.55	18.89	18.77		
15	256QAM	36	20	18.77	18.72	18.72	20	0
15	256QAM	36	39	18.63	18.78	18.67		
15	256QAM	75	0	18.71	18.75	18.83		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.69	18.85	18.77		
10	QPSK	1	25	18.65	18.83	18.77	20	0
10	QPSK	1	49	18.71	18.86	18.65		
10	QPSK	25	0	18.76	18.84	18.75		
10	QPSK	25	12	18.66	18.76	18.65	20	0
10	QPSK	25	25	18.62	18.72	18.55		
10	QPSK	50	0	18.66	18.79	18.63		
10	16QAM	1	0	18.66	18.73	18.67		
10	16QAM	1	25	18.66	18.72	18.65	20	0
10	16QAM	1	49	18.64	18.69	18.61		
10	16QAM	25	0	18.71	18.76	18.75		
10	16QAM	25	12	18.67	18.79	18.73	20	0
10	16QAM	25	25	18.72	18.86	18.78		
10	16QAM	50	0	18.69	18.73	18.69		
10	64QAM	1	0	18.72	18.84	18.72		
10	64QAM	1	25	18.64	18.74	18.71	20	0
10	64QAM	1	49	18.65	18.88	18.74		
10	64QAM	25	0	18.68	18.78	18.66		
10	64QAM	25	12	18.78	18.91	18.81	20	0
10	64QAM	25	25	18.77	18.79	18.65		
10	64QAM	50	0	18.78	18.73	18.71		
10	256QAM	1	0	18.68	18.81	18.70		
10	256QAM	1	25	18.69	18.85	18.66	20	0
10	256QAM	1	49	18.64	18.65	18.71		
10	256QAM	25	0	18.60	18.80	18.77		
10	256QAM	25	12	18.71	18.68	18.68	20	0
10	256QAM	25	25	18.61	18.77	18.68		
10	256QAM	50	0	18.64	18.77	18.73		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.70	18.94	18.85		
5	QPSK	1	12	18.66	18.82	18.78	20	0
5	QPSK	1	24	18.73	18.81	18.76		
5	QPSK	12	0	18.81	18.92	18.81		
5	QPSK	12	7	18.74	18.75	18.58	20	0
5	QPSK	12	13	18.71	18.74	18.63		
5	QPSK	25	0	18.65	18.81	18.63		
5	16QAM	1	0	18.68	18.73	18.63		
5	16QAM	1	12	18.72	18.72	18.73	20	0
5	16QAM	1	24	18.65	18.68	18.67		
5	16QAM	12	0	18.79	18.85	18.70		
5	16QAM	12	7	18.60	18.76	18.72	20	0
5	16QAM	12	13	18.68	18.80	18.75		
5	16QAM	25	0	18.73	18.83	18.74		
5	64QAM	1	0	18.62	18.85	18.78		
5	64QAM	1	12	18.59	18.80	18.76	20	0
5	64QAM	1	24	18.69	18.79	18.74		
5	64QAM	12	0	18.59	18.80	18.66		
5	64QAM	12	7	18.77	18.89	18.79	20	0
5	64QAM	12	13	18.72	18.79	18.57		
5	64QAM	25	0	18.79	18.78	18.62		
5	256QAM	1	0	18.76	18.90	18.66		
5	256QAM	1	12	18.68	18.86	18.67	20	0
5	256QAM	1	24	18.68	18.65	18.70		
5	256QAM	12	0	18.64	18.81	18.78		
5	256QAM	12	7	18.69	18.68	18.68	20	0
5	256QAM	12	13	18.62	18.78	18.76		
5	256QAM	25	0	18.68	18.73	18.72		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.76	18.86	18.88		
3	QPSK	1	8	18.64	18.83	18.75	20	0
3	QPSK	1	14	18.74	18.89	18.70		
3	QPSK	8	0	18.75	18.87	18.73		
3	QPSK	8	4	18.73	18.73	18.59	20	0
3	QPSK	8	7	18.62	18.78	18.56		
3	QPSK	15	0	18.64	18.80	18.63		
3	16QAM	1	0	18.65	18.69	18.68		
3	16QAM	1	8	18.73	18.69	18.74	20	0
3	16QAM	1	14	18.69	18.69	18.59		
3	16QAM	8	0	18.70	18.78	18.76		
3	16QAM	8	4	18.68	18.76	18.72	20	0
3	16QAM	8	7	18.66	18.88	18.70		
3	16QAM	15	0	18.71	18.74	18.68		
3	64QAM	1	0	18.65	18.83	18.82		
3	64QAM	1	8	18.66	18.80	18.74	20	0
3	64QAM	1	14	18.66	18.83	18.73		
3	64QAM	8	0	18.65	18.79	18.74		
3	64QAM	8	4	18.73	18.82	18.84	20	0
3	64QAM	8	7	18.70	18.73	18.67		
3	64QAM	15	0	18.76	18.82	18.68		
3	256QAM	1	0	18.71	18.82	18.69		
3	256QAM	1	8	18.75	18.76	18.76	20	0
3	256QAM	1	14	18.62	18.63	18.76		
3	256QAM	8	0	18.62	18.85	18.72		
3	256QAM	8	4	18.72	18.64	18.69	20	0
3	256QAM	8	7	18.63	18.67	18.70		
3	256QAM	15	0	18.68	18.74	18.73		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.69	18.93	18.84		
1.4	QPSK	1	3	18.71	18.76	18.80		
1.4	QPSK	1	5	18.65	18.88	18.74	20	0
1.4	QPSK	3	0	18.85	18.85	18.76		
1.4	QPSK	3	1	18.71	18.68	18.62		
1.4	QPSK	3	3	18.61	18.78	18.60		
1.4	QPSK	6	0	18.67	18.77	18.63	20	0
1.4	16QAM	1	0	18.65	18.76	18.64		
1.4	16QAM	1	3	18.66	18.77	18.68		
1.4	16QAM	1	5	18.71	18.74	18.65	20	0
1.4	16QAM	3	0	18.80	18.77	18.67		
1.4	16QAM	3	1	18.62	18.72	18.76		
1.4	16QAM	3	3	18.65	18.85	18.69		
1.4	16QAM	6	0	18.77	18.75	18.67	20	0
1.4	64QAM	1	0	18.72	18.81	18.82		
1.4	64QAM	1	3	18.64	18.78	18.73		
1.4	64QAM	1	5	18.62	18.81	18.76	20	0
1.4	64QAM	3	0	18.59	18.81	18.72		
1.4	64QAM	3	1	18.73	18.88	18.87		
1.4	64QAM	3	3	18.72	18.78	18.65		
1.4	64QAM	6	0	18.69	18.78	18.71	20	0
1.4	256QAM	1	0	18.78	18.87	18.69		
1.4	256QAM	1	3	18.70	18.85	18.66		
1.4	256QAM	1	5	18.70	18.65	18.76	20	0
1.4	256QAM	3	0	18.56	18.82	18.73		
1.4	256QAM	3	1	18.66	18.65	18.78		
1.4	256QAM	3	3	18.63	18.73	18.74		
1.4	256QAM	6	0	18.63	18.71	18.77	20	0

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BW [MHz]	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	19.27	19.41	19.40		
20	QPSK	1	49	19.24	19.29	19.26	20	0
20	QPSK	1	99	19.20	19.24	19.17		
20	QPSK	50	0	19.32	19.36	19.25		
20	QPSK	50	24	19.15	19.29	19.16	20	0
20	QPSK	50	50	19.14	19.23	19.09		
20	QPSK	100	0	19.12	19.21	19.13		
20	16QAM	1	0	19.18	19.26	19.21		
20	16QAM	1	49	19.19	19.31	19.21	20	0
20	16QAM	1	99	19.18	19.27	19.13		
20	16QAM	50	0	19.12	19.26	19.16		
20	16QAM	50	24	19.16	19.25	19.20	20	0
20	16QAM	50	50	19.19	19.25	19.14		
20	16QAM	100	0	19.21	19.26	19.13		
20	64QAM	1	0	19.12	19.21	19.09		
20	64QAM	1	49	19.29	19.35	19.25	20	0
20	64QAM	1	99	19.27	19.30	19.25		
20	64QAM	50	0	19.19	19.27	19.23		
20	64QAM	50	24	19.21	19.31	19.17	20	0
20	64QAM	50	50	19.18	19.26	19.18		
20	64QAM	100	0	19.29	19.36	19.26		
20	256QAM	1	0	18.68	18.78	18.72		
20	256QAM	1	49	18.61	18.82	18.78	19.5	0.5
20	256QAM	1	99	18.78	18.78	18.82		
20	256QAM	50	0	18.72	18.84	18.69		
20	256QAM	50	24	18.64	18.86	18.74	19.5	0.5
20	256QAM	50	50	18.72	18.85	18.66		
20	256QAM	100	0	18.68	18.76	18.82		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.18	19.29	19.33		
15	QPSK	1	37	19.21	19.15	19.23	20	0
15	QPSK	1	74	19.11	19.18	19.07		
15	QPSK	36	0	19.26	19.24	19.14		
15	QPSK	36	20	19.05	19.25	19.03	20	0
15	QPSK	36	39	19.10	19.12	18.98		
15	QPSK	75	0	18.99	19.12	19.05		
15	16QAM	1	0	19.08	19.14	19.09		
15	16QAM	1	37	19.04	19.21	19.07	20	0
15	16QAM	1	74	19.14	19.19	18.99		
15	16QAM	36	0	19.01	19.14	19.07		
15	16QAM	36	20	19.11	19.11	19.08	20	0
15	16QAM	36	39	19.15	19.21	19.06		
15	16QAM	75	0	19.15	19.12	19.08		
15	64QAM	1	0	18.98	19.06	18.98		
15	64QAM	1	37	19.20	19.23	19.13	20	0
15	64QAM	1	74	19.14	19.22	19.12		
15	64QAM	36	0	19.12	19.22	19.15		
15	64QAM	36	20	19.16	19.18	19.11	20	0
15	64QAM	36	39	19.04	19.20	19.12		
15	64QAM	75	0	19.17	19.31	19.19		
15	256QAM	1	0	18.57	18.64	18.66		
15	256QAM	1	37	18.56	18.73	18.71	19.5	0.5
15	256QAM	1	74	18.73	18.71	18.77		
15	256QAM	36	0	18.61	18.74	18.66		
15	256QAM	36	20	18.49	18.83	18.61	19.5	0.5
15	256QAM	36	39	18.57	18.77	18.58		
15	256QAM	75	0	18.59	18.71	18.69		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.18	19.29	19.30		
10	QPSK	1	25	19.19	19.16	19.23	20	0
10	QPSK	1	49	19.08	19.09	19.07		
10	QPSK	25	0	19.20	19.31	19.11		
10	QPSK	25	12	19.12	19.19	19.05	20	0
10	QPSK	25	25	19.04	19.20	18.95		
10	QPSK	50	0	19.07	19.08	18.98		
10	16QAM	1	0	19.14	19.21	19.15		
10	16QAM	1	25	19.16	19.27	19.08	20	0
10	16QAM	1	49	19.07	19.18	19.06		
10	16QAM	25	0	19.06	19.16	19.07		
10	16QAM	25	12	19.04	19.14	19.13	20	0
10	16QAM	25	25	19.11	19.15	19.03		
10	16QAM	50	0	19.07	19.22	19.09		
10	64QAM	1	0	18.98	19.15	19.04		
10	64QAM	1	25	19.19	19.25	19.22	20	0
10	64QAM	1	49	19.14	19.18	19.16		
10	64QAM	25	0	19.15	19.22	19.12		
10	64QAM	25	12	19.08	19.25	19.04	20	0
10	64QAM	25	25	19.09	19.20	19.12		
10	64QAM	50	0	19.17	19.26	19.19		
10	256QAM	1	0	18.58	18.68	18.67		
10	256QAM	1	25	18.47	18.71	18.65	19.5	0.5
10	256QAM	1	49	18.72	18.68	18.71		
10	256QAM	25	0	18.67	18.79	18.66		
10	256QAM	25	12	18.59	18.80	18.68	19.5	0.5
10	256QAM	25	25	18.69	18.70	18.60		
10	256QAM	50	0	18.55	18.71	18.67		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.17	19.32	19.30		
5	QPSK	1	12	19.15	19.21	19.14	20	0
5	QPSK	1	24	19.13	19.12	19.06		
5	QPSK	12	0	19.20	19.31	19.20		
5	QPSK	12	7	19.05	19.22	19.08	20	0
5	QPSK	12	13	19.02	19.10	18.94		
5	QPSK	25	0	19.08	19.07	19.00		
5	16QAM	1	0	19.06	19.15	19.16		
5	16QAM	1	12	19.05	19.24	19.14	20	0
5	16QAM	1	24	19.13	19.14	19.06		
5	16QAM	12	0	19.03	19.21	19.08		
5	16QAM	12	7	19.13	19.14	19.06	20	0
5	16QAM	12	13	19.08	19.11	19.02		
5	16QAM	25	0	19.16	19.13	19.05		
5	64QAM	1	0	19.07	19.17	18.97		
5	64QAM	1	12	19.19	19.26	19.13	20	0
5	64QAM	1	24	19.23	19.20	19.13		
5	64QAM	12	0	19.08	19.16	19.15		
5	64QAM	12	7	19.13	19.17	19.06	20	0
5	64QAM	12	13	19.11	19.20	19.11		
5	64QAM	25	0	19.20	19.25	19.20		
5	256QAM	1	0	18.55	18.70	18.64		
5	256QAM	1	12	18.52	18.78	18.73	19.5	0.5
5	256QAM	1	24	18.67	18.73	18.73		
5	256QAM	12	0	18.61	18.74	18.58		
5	256QAM	12	7	18.56	18.74	18.61	19.5	0.5
5	256QAM	12	13	18.60	18.71	18.54		
5	256QAM	25	0	18.53	18.67	18.79		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.69	17.78	17.65		
20	QPSK	1	49	17.61	17.67	17.54	18.5	0
20	QPSK	1	99	17.57	17.69	17.56		
20	QPSK	50	0	17.61	17.66	17.60		
20	QPSK	50	24	17.56	17.64	17.55	18.5	0
20	QPSK	50	50	17.56	17.59	17.61		
20	QPSK	100	0	17.60	17.74	17.64		
20	16QAM	1	0	17.66	17.72	17.59		
20	16QAM	1	49	17.63	17.68	17.65	18.5	0
20	16QAM	1	99	17.60	17.68	17.60		
20	16QAM	50	0	17.49	17.64	17.56		
20	16QAM	50	24	17.56	17.70	17.60	18.5	0
20	16QAM	50	50	17.58	17.64	17.60		
20	16QAM	100	0	17.64	17.70	17.61		
20	64QAM	1	0	17.52	17.65	17.58		
20	64QAM	1	49	17.57	17.71	17.60	18.5	0
20	64QAM	1	99	17.51	17.63	17.51		
20	64QAM	50	0	17.47	17.62	17.48		
20	64QAM	50	24	17.61	17.69	17.63	18.5	0
20	64QAM	50	50	17.63	17.70	17.59		
20	64QAM	100	0	17.67	17.76	17.72		
20	256QAM	1	0	17.58	17.70	17.63		
20	256QAM	1	49	17.59	17.65	17.52	18.5	0
20	256QAM	1	99	17.54	17.62	17.58		
20	256QAM	50	0	17.67	17.75	17.69		
20	256QAM	50	24	17.53	17.63	17.51	18.5	0
20	256QAM	50	50	17.57	17.71	17.59		
20	256QAM	100	0	17.68	17.72	17.67		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.56	17.69	17.54		
15	QPSK	1	37	17.46	17.62	17.41	18.5	0
15	QPSK	1	74	17.52	17.65	17.47		
15	QPSK	36	0	17.51	17.52	17.47		
15	QPSK	36	20	17.52	17.55	17.50	18.5	0
15	QPSK	36	39	17.52	17.51	17.49		
15	QPSK	75	0	17.56	17.60	17.60		
15	16QAM	1	0	17.62	17.64	17.56		
15	16QAM	1	37	17.58	17.59	17.54	18.5	0
15	16QAM	1	74	17.50	17.55	17.49		
15	16QAM	36	0	17.43	17.59	17.42		
15	16QAM	36	20	17.47	17.62	17.53	18.5	0
15	16QAM	36	39	17.55	17.54	17.52		
15	16QAM	75	0	17.51	17.57	17.54		
15	64QAM	1	0	17.38	17.57	17.47		
15	64QAM	1	37	17.51	17.60	17.54	18.5	0
15	64QAM	1	74	17.38	17.51	17.37		
15	64QAM	36	0	17.33	17.55	17.39		
15	64QAM	36	20	17.46	17.60	17.55	18.5	0
15	64QAM	36	39	17.51	17.61	17.47		
15	64QAM	75	0	17.52	17.71	17.61		
15	256QAM	1	0	17.44	17.56	17.51		
15	256QAM	1	37	17.49	17.58	17.48	18.5	0
15	256QAM	1	74	17.41	17.53	17.48		
15	256QAM	36	0	17.52	17.66	17.59		
15	256QAM	36	20	17.42	17.54	17.46	18.5	0
15	256QAM	36	39	17.43	17.60	17.47		
15	256QAM	75	0	17.64	17.63	17.63		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.62	17.78	17.60		
10	QPSK	1	25	17.47	17.59	17.42	18.5	0
10	QPSK	1	49	17.45	17.64	17.47		
10	QPSK	25	0	17.48	17.58	17.56		
10	QPSK	25	12	17.43	17.60	17.48	18.5	0
10	QPSK	25	25	17.50	17.51	17.50		
10	QPSK	50	0	17.48	17.71	17.50		
10	16QAM	1	0	17.62	17.64	17.45		
10	16QAM	1	25	17.57	17.56	17.57	18.5	0
10	16QAM	1	49	17.56	17.54	17.49		
10	16QAM	25	0	17.37	17.57	17.43		
10	16QAM	25	12	17.44	17.57	17.50	18.5	0
10	16QAM	25	25	17.51	17.49	17.50		
10	16QAM	50	0	17.50	17.61

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BW [MHz]	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	21.28	21.41	21.36		
20	QPSK	1	49	21.22	21.35	21.28	22	0
20	QPSK	1	99	21.24	21.37	21.32		
20	QPSK	50	0	21.21	21.34	21.16		
20	QPSK	50	24	21.18	21.25	21.16	22	0
20	QPSK	50	50	21.12	21.26	21.19		
20	QPSK	100	0	21.22	21.31	21.28		
20	16QAM	1	0	21.24	21.34	21.22		
20	16QAM	1	49	21.15	21.29	21.22	22	0
20	16QAM	1	99	21.16	21.28	21.19		
20	16QAM	50	0	21.26	21.32	21.27		
20	16QAM	50	24	21.24	21.34	21.23	22	0
20	16QAM	50	50	21.27	21.30	21.25		
20	16QAM	100	0	21.18	21.32	21.17		
20	64QAM	1	0	21.12	21.26	21.21		
20	64QAM	1	49	21.23	21.30	21.16	22	0
20	64QAM	1	99	21.15	21.28	21.17		
20	64QAM	50	0	20.50	20.71	20.60		
20	64QAM	50	24	20.53	20.58	20.61	21.5	0.5
20	64QAM	50	50	20.55	20.62	20.56		
20	64QAM	100	0	20.52	20.62	20.62		
20	256QAM	1	0	18.55	18.73	18.69		
20	256QAM	1	49	18.62	18.61	18.63	19.5	2.5
20	256QAM	1	99	18.58	18.59	18.62		
20	256QAM	50	0	18.56	18.76	18.58		
20	256QAM	50	24	18.64	18.65	18.59	19.5	2.5
20	256QAM	50	50	18.56	18.74	18.58		
20	256QAM	100	0	18.58	18.68	18.54		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.23	21.30	21.28		
15	QPSK	1	37	21.15	21.23	21.20	22	0
15	QPSK	1	74	21.15	21.27	21.25		
15	QPSK	36	0	21.12	21.27	21.03		
15	QPSK	36	20	21.15	21.14	21.08	22	0
15	QPSK	36	39	20.97	21.23	21.12		
15	QPSK	75	0	21.11	21.22	21.14		
15	16QAM	1	0	21.20	21.28	21.11		
15	16QAM	1	37	21.09	21.23	21.18	22	0
15	16QAM	1	74	21.09	21.13	21.06		
15	16QAM	36	0	21.18	21.18	21.17		
15	16QAM	36	20	21.12	21.23	21.16	22	0
15	16QAM	36	39	21.23	21.15	21.11		
15	16QAM	75	0	21.07	21.27	21.08		
15	64QAM	1	0	21.03	21.18	21.18		
15	64QAM	1	37	21.13	21.18	21.10	22	0
15	64QAM	1	74	21.06	21.17	21.02		
15	64QAM	36	0	20.37	20.63	20.46		
15	64QAM	36	20	20.45	20.53	20.49	21.5	0.5
15	64QAM	36	39	20.47	20.54	20.45		
15	64QAM	75	0	20.43	20.52	20.58		
15	256QAM	1	0	18.48	18.68	18.63		
15	256QAM	1	37	18.56	18.57	18.48	19.5	2.5
15	256QAM	1	74	18.45	18.47	18.53		
15	256QAM	36	0	18.48	18.65	18.46		
15	256QAM	36	20	18.56	18.59	18.53	19.5	2.5
15	256QAM	36	39	18.46	18.63	18.51		
15	256QAM	75	0	18.51	18.64	18.50		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.16	21.29	21.29		
10	QPSK	1	25	21.08	21.27	21.15	22	0
10	QPSK	1	49	21.11	21.31	21.21		
10	QPSK	25	0	21.10	21.28	21.10		
10	QPSK	25	12	21.15	21.16	21.11	22	0
10	QPSK	25	25	21.06	21.19	21.05		
10	QPSK	50	0	21.17	21.20	21.25		
10	16QAM	1	0	21.11	21.26	21.09		
10	16QAM	1	25	21.05	21.25	21.08	22	0
10	16QAM	1	49	21.03	21.19	21.06		
10	16QAM	25	0	21.22	21.20	21.13		
10	16QAM	25	12	21.15	21.27	21.14	22	0
10	16QAM	25	25	21.13	21.17	21.11		
10	16QAM	50	0	21.06	21.19	21.08		
10	64QAM	1	0	21.07	21.21	21.12		
10	64QAM	1	25	21.17	21.24	21.04	22	0
10	64QAM	1	49	21.07	21.18	21.10		
10	64QAM	25	0	20.42	20.63	20.51		
10	64QAM	25	12	20.38	20.50	20.57	21.5	0.5
10	64QAM	25	25	20.47	20.50	20.42		
10	64QAM	50	0	20.48	20.53	20.56		
10	256QAM	1	0	18.43	18.69	18.56		
10	256QAM	1	25	18.53	18.55	18.53	19.5	2.5
10	256QAM	1	49	18.51	18.56	18.58		
10	256QAM	25	0	18.44	18.67	18.51		
10	256QAM	25	12	18.52	18.56	18.47	19.5	2.5
10	256QAM	25	25	18.47	18.66	18.47		
10	256QAM	50	0	18.54	18.60	18.41		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.20	21.28	21.32		
5	QPSK	1	12	21.19	21.28	21.19	22	0
5	QPSK	1	24	21.13	21.29	21.26		
5	QPSK	12	0	21.12	21.22	21.07		
5	QPSK	12	7	21.13	21.12	21.06	22	0
5	QPSK	12	13	20.99	21.19	21.04		
5	QPSK	25	0	21.08	21.25	21.16		
5	16QAM	1	0	21.21	21.29	21.15		
5	16QAM	1	12	21.05	21.15	21.18	22	0
5	16QAM	1	24	21.03	21.14	21.09		
5	16QAM	12	0	21.23	21.19	21.20		
5	16QAM	12	7	21.19	21.29	21.19	22	0
5	16QAM	12	13	21.23	21.17	21.13		
5	16QAM	25	0	21.11	21.18	21.05		
5	64QAM	1	0	21.01	21.18	21.06		
5	64QAM	1	12	21.12	21.23	21.10	22	0
5	64QAM	1	24	21.01	21.16	21.07		
5	64QAM	12	0	20.38	20.60	20.48		
5	64QAM	12	7	20.44	20.46	20.48	21.5	0.5
5	64QAM	12	13	20.46	20.49	20.44		
5	64QAM	25	0	20.48	20.56	20.51		
5	256QAM	1	0	18.43	18.60	18.66		
5	256QAM	1	12	18.49	18.55	18.59	19.5	2.5
5	256QAM	1	24	18.53	18.51	18.50		
5	256QAM	12	0	18.48	18.71	18.44		
5	256QAM	12	7	18.56	18.58	18.55	19.5	2.5
5	256QAM	12	13	18.53	18.69	18.44		
5	256QAM	25	0	18.55	18.58	18.42		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.31	21.43	21.48	21.41	21.38		
20	QPSK	1	49	21.28	21.36	21.41	21.37	21.34	22	0
20	QPSK	1	99	21.29	21.25	21.36	21.23	21.23		
20	QPSK	50	0	21.23	21.24	21.42	21.17	21.26		
20	QPSK	50	24	21.28	21.35	21.31	21.30	21.29	22	0
20	QPSK	50	50	21.27	21.21	21.36	21.32	21.31		
20	QPSK	100	0	21.27	21.27	21.37	21.24	21.28		
20	16QAM	1	0	21.37	21.32	21.46	21.40	21.38		
20	16QAM	1	49	21.26	21.31	21.37	21.27	21.25	22	0
20	16QAM	1	99	21.27	21.24	21.39	21.32	21.26		
20	16QAM	50	0	21.28	21.29	21.37	21.30	21.23		
20	16QAM	50	24	21.19	21.20	21.32	21.19	21.23	22	0
20	16QAM	50	50	21.27	21.27	21.36	21.29	21.22		
20	16QAM	100	0	21.26	21.19	21.32	21.27	21.22		
20	64QAM	1	0	21.28	21.18	21.31	21.23	21.18		
20	64QAM	1	49	21.35	21.30	21.43	21.29	21.35	22	0
20	64QAM	1	99	21.25	21.22	21.36	21.31	21.26		
20	64QAM	50	0	20.57	20.55	20.73	20.57	20.65		
20	64QAM	50	24	20.46	20.63	20.69	20.59	20.66	21.5	0.5
20	64QAM	50	50	20.51	20.49	20.67	20.62	20.52		
20	64QAM	100	0	20.45	20.54	20.67	20.54	20.57		
20	256QAM	1	0	18.46	18.66	18.73	18.64	18.61		
20	256QAM	1	49	18.52	18.58	18.68	18.64	18.54	19.5	2.5
20	256QAM	1	99	18.51	18.65	18.71	18.68	18.58		
20	256QAM	50	0	18.58	18.59	18.78	18.61	18.76		
20	256QAM	50	24	18.43	18.64	18.67	18.69	18.63	19.5	2.5
20	256QAM	50	50	18.52	18.63	18.77	18.66	18.72		
20	256QAM	100	0	18.52	18.59	18.75	18.63	18.65		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.17	21.30	21.36	21.26	21.27		
15	QPSK	1	37	21.16	21.28	21.29	21.31	21.21	22.00	0
15	QPSK	1	74	21.18	21.21	21.28	21.13	21.20		
15	QPSK	36	0	21.15	21.19	21.30	21.14	21.21		
15	QPSK	36	20	21.18	21.29	21.26	21.25	21.23	22	0
15	QPSK	36	39	21.22	21.08	21.29	21.20	21.18		
15	QPSK	75	0	21.20	21.19	21.27	21.21	21.24		
15	16QAM	1	0	21.33	21.27	21.31	21.27	21.28		
15	16QAM	1	37	21.11	21.28	21.23	21.19	21.18	22	0
15	16QAM	1	74	21.12	21.12	21.25	21.19	21.21		
15	16QAM	36	0	21.22	21.15	21.24	21.18	21.10		
15	16QAM	36	20	21.14	21.15	21.19	21.10	21.10	22	0
15	16QAM	36	39	21.23	21.20	21.32	21.23	21.13		
15	16QAM	75	0	21.11	21.16	21.25	21.20	21.11		
15	64QAM	1	0	21.21	21.12	21.27	21.09	21.05		
15	64QAM	1	37	21.24	21.17	21.32	21.19	21.23	22	0
15	64QAM	1	74	21.17	21.19	21.33	21.25	21.14		
15	64QAM	36	0	20.45	20.48	20.61	20.51	20.56		
15	64QAM	36	20	20.41	20.49	20.65	20.53	20.59	21.5	0.5
15	64QAM	36	39	20.38	20.40	20.61	20.54	20.48		
15	64QAM	75	0	20.40	20.40	20.56	20.42	20.42		
15	256QAM	1	0	18.37	18.57	18.60	18.51	18.50		
15	256QAM	1	37	18.41	18.49	18.55	18.54	18.48	19.5	2.5
15	256QAM	1	74	18.43	18.59	18.68	18.55	18.46		
15	256QAM	36	0	18.51	18.50	18.68	18.52	18.61		
15	256QAM	36	20	18.36	18.50	18.53	18.59	18.53	19.5	2.5
15	256QAM	36	39	18.44	18.50	18.63	18.55	18.58		
15	256QAM	75	0	18.48	18.53	18.61	18.49	18.54		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.25	21.31	21.35	21.36	21.29		
10	QPSK	1	25	21.18	21.29	21.31	21.33	21.27	22.00	0
10	QPSK	1	49	21.19	21.17	21.32	21.15	21.10		
10	QPSK	25	0	21.19	21.16	21.28	21.04	21.14		
10	QPSK	25	12	21.17	21.28	21.21	21.19	21.18	22	0
10	QPSK	25	25	21.22	21.07	21.28	21.28	21.17		
10	QPSK	50	0	21.17	21.22	21.33	21.11	21.18		
10	16QAM	1	0	21.28	21.19	21.31	21.33	21.26		
10	16QAM	1	25	21.21	21.24	21.26	21.16	21.16	22	0
10	16QAM	1	49	21.12	21.16	21.28	21.18	21.20		
10	16QAM	25	0	21.22	21.15	21.31	21.16	21.19		
10	16QAM	25	12	21.15	21.13	21.19	21.07	21.15	22	0
10	16QAM	25	25	21.23	21.18	21.25	21.22	21.14		
10	16QAM	50	0	21.19	21.14	21.28	21.15	21.12		
10	64QAM	1	0	21.21	21.11	21.20	21.17	21.06		
10	64QAM	1	25	21.25	21.26	21.32	21.20	21.30	22	0
10	64QAM	1	49	21.15	21.18	21.30	21.19	21.20		
10	64QAM	25	0	20.47	20.48	20.58	20.42	20.62		
10	64QAM	25	12	20.37	20.51	20.55	20.53	20.55	21.5	0.5
10	64QAM	25	25	20.46	20.38	20.61	20.52	20.44		
10	64QAM	50	0	20.38	20.39	20.58	20.51	20.43		
10	256QAM	1	0	18.32	18.56	18.68	18.53	18.50		
10	256QAM	1	25	18.39	18.51	18.61	18.52	18.39	19.5	2.5
10	256QAM	1	49	18.47	18.51	18.60	18.62	18.43		
10	256QAM	25	0	18.48	18.56	18.66	18.51	18.71		
10	256QAM	25	12	18.36	18.51	18.57	18.65	18.54	19.5	2.5
10	256QAM	25	25	18.44	18.57	18.70	18.52	18.66		
10	256QAM	50	0	18.43	18.48	18.67	18.57	18.58		
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	21.21	21.36	21.38	21.36	21.29		
5	QPSK	1	12	21.16	21.21	21.37	21.26	21.23	22.00	0
5	QPSK	1	24	21.18	21.15	21.26	21.10	21.12		
5	QPSK	12	0	21.09	21.20	21.34	21.13	21.18		
5	QPSK	12	7	21.14	21.31	21.21	21.20	21.20	22	0
5	QPSK	12	13	21.14	21.16	21.30	21.26	21.24		
5	QPSK	25	0	21.12	21.22	21.34	21.09	21.21		
5	16QAM	1	0	21.32	21.18	21.32	21.34	21.35		
5	16QAM	1	12	21.14	21.17	21.23	21.17	21.15	22	0
5	16QAM	1	24	21.17	21.20	21.27	21.21	21.20		
5	16QAM	12	0	21.18	21.19	21.24	21.20	21.08		
5	16QAM	12	7	21.10	21.14	21.24	21.15	21.17	22	0
5	16QAM	12	13	21.13	21.23	21.32	21.18	21.17		
5	16QAM	25	0	21.19	21.05	21.28	21.23	21.14		
5	64QAM	1	0	21.24	21.10	21.18	21.17	21.08		
5	64QAM	1	12	21.28	21.26	21.39	21.25	21.24	22	0
5	64QAM	1	24	21.18	21.10	21.26	21.21	21.14		
5	64QAM	12	0	20.43	20.47	20.67	20.47	20.58		
5	64QAM	12	7	20.42	20.49	20.59	20.49	20.54	21.5	0.5
5	64QAM	12	13	20.40	20.36	20.64	20.54	20.45		
5	64QAM	25	0	20.39	20.51	20.55	20.43	20.45		
5	256QAM	1	0	18.33	18.62	18.70	18.55	18.47		
5	256QAM	1	12	18.41	18.53	18.63	18.52	18.45	19.5	2.5
5	256QAM	1	24	18.43	18.62	18.65	18.61	18.52		
5	256QAM	12	0	18.50	18.49	18.72	18.47	18.64		
5	256QAM	12	7	18.38	18.55	18.56	18.57	18.54	19.5	2.5
5	256QAM	12	13	18.46	18.48	18.72	18.54	18.68		
5	256QAM	25	0	18.37	18.49	18.65	18.48	18.54		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.06	19.21	19.12	20.2	0
20	QPSK	1	49	19.14	19.18	19.11		
20	QPSK	1	99	19.10	19.14	19.02		
20	QPSK	50	0	18.99	19.17	19.04	20.2	0
20	QPSK	50	24	19.07	19.13	19.05		
20	QPSK	50	50	19.03	19.10	19.06		
20	QPSK	100	0	19.00	19.10	19.01		
20	16QAM	1	0	19.06	19.19	19.00	20.2	0
20	16QAM	1	49	19.08	19.14	19.16		
20	16QAM	1	99	19.00	19.14	19.03		
20	16QAM	50	0	19.08	19.06	19.04	20.2	0
20	16QAM	50	24	18.91	19.12	18.92		
20	16QAM	50	50	19.04	19.19	18.99		
20	16QAM	100	0	19.03	19.08	19.14		
20	64QAM	1	0	18.92	19.13	18.96	20.2	0
20	64QAM	1	49	19.06	19.07	18.98		
20	64QAM	1	99	18.99	19.11	19.05		
20	64QAM	50	0	18.96	19.14	19.04	20.2	0
20	64QAM	50	24	19.10	19.05	19.07		
20	64QAM	50	50	19.01	19.05	18.97		
20	64QAM	100	0	19.02	19.09	18.97		
20	256QAM	1	0	18.98	19.13	18.98	20.2	0
20	256QAM	1	49	19.02	19.14	19.00		
20	256QAM	1	99	19.11	19.18	19.05		
20	256QAM	50	0	19.15	19.16	19.03	20.2	0
20	256QAM	50	24	19.11	19.10	19.02		
20	256QAM	50	50	19.06	19.11	18.99		
20	256QAM	100	0	19.02	19.16	18.94		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.95	19.08	18.95	20.2	0
15	QPSK	1	37	19.10	19.05	19.04		
15	QPSK	1	74	19.07	19.02	18.96		
15	QPSK	36	0	18.86	19.01	18.89	20.2	0
15	QPSK	36	20	18.97	19.05	18.99		
15	QPSK	36	39	18.99	19.03	18.99		
15	QPSK	75	0	18.97	19.04	18.84		
15	16QAM	1	0	18.93	19.15	18.91	20.2	0
15	16QAM	1	37	18.99	19.02	19.12		
15	16QAM	1	74	18.90	19.10	19.01		
15	16QAM	36	0	18.93	18.98	19.01	20.2	0
15	16QAM	36	20	18.78	19.05	18.77		
15	16QAM	36	39	18.91	19.13	18.91		
15	16QAM	75	0	18.96	18.99	19.05		
15	64QAM	1	0	18.76	18.99	18.86	20.2	0
15	64QAM	1	37	18.92	18.98	18.87		
15	64QAM	1	74	18.90	18.95	18.89		
15	64QAM	36	0	18.89	19.08	19.00	20.2	0
15	64QAM	36	20	18.97	18.95	18.94		
15	64QAM	36	39	18.90	19.00	18.85		
15	64QAM	75	0	18.93	18.92	18.94		
15	256QAM	1	0	18.92	19.10	18.84	20.2	0
15	256QAM	1	37	18.91	19.05	18.86		
15	256QAM	1	74	18.95	19.13	18.92		
15	256QAM	36	0	19.05	19.09	18.98	20.2	0
15	256QAM	36	20	19.01	19.05	18.98		
15	256QAM	36	39	18.99	19.04	18.82		
15	256QAM	75	0	18.99	19.11	18.83		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.91	19.17	19.07	20.2	0
10	QPSK	1	25	19.00	19.09	19.04		
10	QPSK	1	49	18.98	18.99	18.87		
10	QPSK	25	0	18.89	19.14	18.97	20.2	0
10	QPSK	25	12	18.96	19.03	18.96		
10	QPSK	25	25	18.86	19.01	19.04		
10	QPSK	50	0	18.90	19.07	18.92		
10	16QAM	1	0	18.99	19.02	18.90	20.2	0
10	16QAM	1	25	18.91	19.08	19.01		
10	16QAM	1	49	18.96	19.08	18.95		
10	16QAM	25	0	18.97	18.96	18.99	20.2	0
10	16QAM	25	12	18.76	19.07	18.85		
10	16QAM	25	25	18.93	19.04	18.89		
10	16QAM	50	0	18.98	18.93	19.08		
10	64QAM	1	0	18.83	19.08	18.82	20.2	0
10	64QAM	1	25	18.96	18.92	18.96		
10	64QAM	1	49	18.85	18.97	18.93		
10	64QAM	25	0	18.92	19.04	18.89	20.2	0
10	64QAM	25	12	19.01	18.98	18.92		
10	64QAM	25	25	18.96	18.96	18.82		
10	64QAM	50	0	18.88	18.98	18.82		
10	256QAM	1	0	18.86	18.98	18.94	20.2	0
10	256QAM	1	25	18.85	19.09	18.86		
10	256QAM	1	49	19.02	19.10	19.03		
10	256QAM	25	0	19.00	19.03	18.91	20.2	0
10	256QAM	25	12	19.01	19.00	18.89		
10	256QAM	25	25	19.03	18.98	18.84		
10	256QAM	50	0	18.93	19.12	18.89		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.00	19.16	19.08	20.2	0
5	QPSK	1	12	19.11	19.02	19.08		
5	QPSK	1	24	19.01	19.02	18.90		
5	QPSK	12	0	18.91	19.10	18.94	20.2	0
5	QPSK	12	7	18.99	18.97	18.97		
5	QPSK	12	13	19.01	18.93	19.00		
5	QPSK	25	0	18.86	19.06	18.98		
5	16QAM	1	0	18.96	19.14	18.84	20.2	0
5	16QAM	1	12	19.00	19.01	19.09		
5	16QAM	1	24	18.97	19.10	18.88		
5	16QAM	12	0	18.98	18.92	19.00	20.2	0
5	16QAM	12	7	18.86	18.97	18.77		
5	16QAM	12	13	18.94	19.10	18.86		
5	16QAM	25	0	19.01	18.92	19.01		
5	64QAM	1	0	18.80	19.09	18.89	20.2	0
5	64QAM	1	12	18.98	18.95	18.87		
5	64QAM	1	24	18.85	18.94	19.00		
5	64QAM	12	0	18.84	18.97	18.99	20.2	0
5	64QAM	12	7	19.07	19.02	19.04		
5	64QAM	12	13	18.85	19.03	18.94		
5	64QAM	25	0	18.87	18.97	18.94		
5	256QAM	1	0	18.87	19.01	18.86	20.2	0
5	256QAM	1	12	19.00	19.04	18.90		
5	256QAM	1	24	18.95	19.03	19.01		
5	256QAM	12	0	19.02	19.07	18.91	20.2	0
5	256QAM	12	7	19.08	18.97	18.92		
5	256QAM	12	13	18.95	19.03	18.96		
5	256QAM	25	0	18.95	19.05	18.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.95	19.08	18.90	19.7	0
20	QPSK	1	49	18.90	19.04	18.94		
20	QPSK	1	99	18.82	18.95	18.81		
20	QPSK	50	0	18.92	19.05	18.85	19.7	0
20	QPSK	50	24	18.97	19.01	18.97		
20	QPSK	50	50	18.85	18.98	18.90		
20	QPSK	100	0	18.97	19.00	18.89		
20	16QAM	1	0	18.84	18.89	18.78	19.7	0
20	16QAM	1	49	18.85	18.97	18.94		
20	16QAM	1	99	18.87	18.93	18.87		
20	16QAM	50	0	18.98	19.02	18.95	19.7	0
20	16QAM	50	24	18.86	18.99	18.94		
20	16QAM	50	50	18.83	18.95	18.87		
20	16QAM	100	0	18.91	19.00	18.93		
20	64QAM	1	0	18.93	18.97	18.88	19.7	0
20	64QAM	1	49	18.97	19.03	18.97		
20	64QAM	1	99	18.79	18.90	18.75		
20	64QAM	50	0	18.84	18.95	18.82	19.7	0
20	64QAM	50	24	18.86	18.99	18.92		
20	64QAM	50	50	18.96	19.01	18.97		
20	64QAM	100	0	18.98	19.02	18.93		
20	256QAM	1	0	18.83	18.93	18.82	19.7	0
20	256QAM	1	49	18.88	18.98	18.89		
20	256QAM	1	99	18.81	18.89	18.86		
20	256QAM	50	0	18.97	19.01	18.94	19.7	0
20	256QAM	50	24	18.85	18.90	18.79		
20	256QAM	50	50	18.87	18.94	18.79		
20	256QAM	100	0	18.84	18.97	18.90		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.88	19.02	18.75	19.7	0
15	QPSK	1	37	18.84	19.01	18.81		
15	QPSK	1	74	18.68	18.83	18.68		
15	QPSK	36	0	18.87	18.94	18.73	19.7	0
15	QPSK	36	20	18.89	18.87	18.93		
15	QPSK	36	39	18.75	18.85	18.84		
15	QPSK	75	0	18.92	18.87	18.83		
15	16QAM	1	0	18.77	18.84	18.71	19.7	0
15	16QAM	1	37	18.77	18.86	18.88		
15	16QAM	1	74	18.81	18.84	18.80		
15	16QAM	36	0	18.85	18.94	18.86	19.7	0
15	16QAM	36	20	18.78	18.85	18.83		
15	16QAM	36	39	18.79	18.88	18.75		
15	16QAM	75	0	18.80	18.88	18.80		
15	64QAM	1	0	18.88	18.83	18.82	19.7	0
15	64QAM	1	37	18.84	18.92	18.90		
15	64QAM	1	74	18.69	18.85	18.63		
15	64QAM	36	0	18.76	18.92	18.75	19.7	0
15	64QAM	36	20	18.77	18.92	18.79		
15	64QAM	36	39	18.89	18.92	18.84		
15	64QAM	75	0	18.93	18.93	18.86		
15	256QAM	1	0	18.72	18.84	18.74	19.7	0
15	256QAM	1	37	18.82	18.89	18.86		
15	256QAM	1	74	18.73	18.82	18.74		
15	256QAM	36	0	18.88	18.93	18.91	19.7	0
15	256QAM	36	20	18.70	18.84	18.66		
15	256QAM	36	39	18.75	18.80	18.68		
15	256QAM	75	0	18.80	18.90	18.81		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.91	18.94	18.78	19.7	0
10	QPSK	1	25	18.85	18.97	18.91		
10	QPSK	1	49	18.69	18.87	18.67		
10	QPSK	25	0	18.89	19.02	18.75	19.7	0
10	QPSK	25	12	18.89	18.93	18.84		
10	QPSK	25	25	18.75	18.91	18.76		
10	QPSK	50	0	18.93	18.95	18.77		
10	16QAM	1	0	18.75	18.80	18.69	19.7	0
10	16QAM	1	25	18.72	18.87	18.83		
10	16QAM	1	49	18.82	18.79	18.82		
10	16QAM	25	0	18.88	18.92	18.92	19.7	0
10	16QAM	25	12	18.72	18.86	18.87		
10	16QAM	25	25	18.78	18.85	18.82		
10	16QAM	50	0	18.82	18.93	18.80		
10	64QAM	1	0	18.81	18.93	18.76	19.7	0
10	64QAM	1	25	18.93	18.88	18.90		
10	64QAM	1	49	18.70	18.85	18.69		
10	64QAM	25	0	18.72	18.86	18.68	19.7	0
10	64QAM	25	12	18.72	18.95	18.84		
10	64QAM	25	25	18.86	18.93	18.91		
10	64QAM	50	0	18.84	18.92	18.88		
10	256QAM	1	0	18.69	18.85	18.75	19.7	0
10	256QAM	1	25	18.83	18.90	18.83		
10	256QAM	1	49	18.71	18.77	18.81		
10	256QAM	25	0	18.82	18.96	18.86	19.7	0
10	256QAM	25	12	18.82	18.77	18.69		
10	256QAM	25	25	18.77	18.83	18.67		
10	256QAM	50	0	18.69	18.91	18.82		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.85	18.98	18.77	19.7	0
5	QPSK	1	12	18.79	18.91	18.84		
5	QPSK	1	24	18.67	18.86	18.72		
5	QPSK	12	0	18.86	18.91	18.71	19.7	0
5	QPSK	12	7	18.90	18.90	18.82		
5	QPSK	12	13	18.73	18.85	18.84		
5	QPSK	25	0	18.85	18.86	18.86		
5	16QAM	1	0	18.79	18.83	18.64	19.7	0
5	16QAM	1	12	18.81	18.90	18.80		
5	16QAM	1	24	18.79	18.85	18.80		
5	16QAM	12	0	18.86	18.97	18.85	19.7	0
5	16QAM	12	7	18.81	18.86	18.90		
5	16QAM	12	13	18.73	18.87	18.82		
5	16QAM	25	0	18.88	18.88	18.89		
5	64QAM	1	0	18.87	18.82	18.78	19.7	0
5	64QAM	1	12	18.91	18.99	18.89		
5	64QAM	1	24	18.65	18.85	18.60		
5	64QAM	12	0	18.70	18.80	18.68	19.7	0
5	64QAM	12	7	18.73	18.93	18.85		
5	64QAM	12	13	18.90	18.89	18.87		
5	64QAM	25	0	18.92	18.93	18.85		
5	256QAM	1	0	18.69	18.81	18.68	19.7	0
5	256QAM	1	12	18.77	18.88	18.81		
5	256QAM	1	24	18.68	18.80	18.75		
5	256QAM	12	0	18.90	18.92	18.81	19.7	0
5	256QAM	12	7	18.76	18.87	18.73		
5	256QAM	12	13	18.79	18.86	18.69		
5	256QAM	25	0	18.71	18.84	18.76		

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BW [MHz]	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	18.32	18.53	18.45	19.2	0
20	QPSK	1	49	18.38	18.50	18.37		
20	QPSK	1	99	18.31	18.43	18.36		
20	QPSK	50	0	18.30	18.49	18.42	19.2	0
20	QPSK	50	24	18.37	18.42	18.31		
20	QPSK	50	50	18.36	18.44	18.35		
20	QPSK	100	0	18.26	18.47	18.37		
20	16QAM	1	0	18.35	18.42	18.28	19.2	0
20	16QAM	1	49	18.23	18.36	18.28		
20	16QAM	1	99	18.24	18.31	18.21		
20	16QAM	50	0	18.39	18.46	18.34	19.2	0
20	16QAM	50	24	18.32	18.40	18.26		
20	16QAM	50	50	18.25	18.35	18.27		
20	16QAM	100	0	18.36	18.49	18.43		
20	64QAM	1	0	18.37	18.50	18.43	19.2	0
20	64QAM	1	49	18.39	18.46	18.37		
20	64QAM	1	99	18.28	18.42	18.32		
20	64QAM	50	0	18.37	18.51	18.38	19.2	0
20	64QAM	50	24	18.36	18.43	18.31		
20	64QAM	50	50	18.41	18.47	18.40		
20	64QAM	100	0	18.40	18.46	18.34		
20	256QAM	1	0	18.33	18.43	18.31	19.2	0
20	256QAM	1	49	18.30	18.38	18.29		
20	256QAM	1	99	18.19	18.32	18.18		
20	256QAM	50	0	18.38	18.45	18.41	19.2	0
20	256QAM	50	24	18.17	18.32	18.28		
20	256QAM	50	50	18.29	18.41	18.34		
20	256QAM	100	0	18.38	18.48	18.37		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.18	18.42	18.34	19.2	0
15	QPSK	1	37	18.27	18.37	18.32		
15	QPSK	1	74	18.23	18.30	18.26		
15	QPSK	36	0	18.19	18.42	18.29	19.2	0
15	QPSK	36	20	18.22	18.29	18.20		
15	QPSK	36	39	18.28	18.34	18.24		
15	QPSK	75	0	18.14	18.39	18.28		
15	16QAM	1	0	18.26	18.36	18.24	19.2	0
15	16QAM	1	37	18.11	18.33	18.17		
15	16QAM	1	74	18.20	18.24	18.16		
15	16QAM	36	0	18.27	18.39	18.27	19.2	0
15	16QAM	36	20	18.25	18.32	18.20		
15	16QAM	36	39	18.13	18.23	18.23		
15	16QAM	75	0	18.24	18.34	18.38		
15	64QAM	1	0	18.34	18.47	18.38	19.2	0
15	64QAM	1	37	18.25	18.33	18.22		
15	64QAM	1	74	18.22	18.30	18.23		
15	64QAM	36	0	18.29	18.40	18.24	19.2	0
15	64QAM	36	20	18.22	18.33	18.25		
15	64QAM	36	39	18.36	18.40	18.36		
15	64QAM	75	0	18.31	18.39	18.22		
15	256QAM	1	0	18.27	18.32	18.24	19.2	0
15	256QAM	1	37	18.16	18.29	18.20		
15	256QAM	1	74	18.09	18.27	18.07		
15	256QAM	36	0	18.26	18.35	18.36	19.2	0
15	256QAM	36	20	18.07	18.25	18.16		
15	256QAM	36	39	18.16	18.37	18.20		
15	256QAM	75	0	18.25	18.37	18.25		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.25	18.48	18.41	19.2	0
10	QPSK	1	25	18.30	18.46	18.34		
10	QPSK	1	49	18.19	18.29	18.22		
10	QPSK	25	0	18.25	18.40	18.30	19.2	0
10	QPSK	25	12	18.25	18.35	18.22		
10	QPSK	25	25	18.24	18.37	18.29		
10	QPSK	50	0	18.21	18.44	18.29		
10	16QAM	1	0	18.32	18.34	18.20	19.2	0
10	16QAM	1	25	18.12	18.21	18.16		
10	16QAM	1	49	18.11	18.26	18.14		
10	16QAM	25	0	18.33	18.34	18.22	19.2	0
10	16QAM	25	12	18.27	18.32	18.13		
10	16QAM	25	25	18.21	18.25	18.16		
10	16QAM	50	0	18.29	18.37	18.37		
10	64QAM	1	0	18.26	18.44	18.33	19.2	0
10	64QAM	1	25	18.26	18.37	18.23		
10	64QAM	1	49	18.22	18.37	18.21		
10	64QAM	25	0	18.26	18.44	18.32	19.2	0
10	64QAM	25	12	18.26	18.36	18.18		
10	64QAM	25	25	18.29	18.39	18.28		
10	64QAM	50	0	18.32	18.36	18.31		
10	256QAM	1	0	18.28	18.28	18.17	19.2	0
10	256QAM	1	25	18.23	18.34	18.19		
10	256QAM	1	49	18.15	18.17	18.04		
10	256QAM	25	0	18.31	18.34	18.29	19.2	0
10	256QAM	25	12	18.07	18.22	18.13		
10	256QAM	25	25	18.23	18.29	18.26		
10	256QAM	50	0	18.26	18.40	18.27		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.25	18.48	18.41	19.2	0
5	QPSK	1	12	18.30	18.46	18.34		
5	QPSK	1	24	18.19	18.29	18.22		
5	QPSK	12	0	18.25	18.40	18.30	19.2	0
5	QPSK	12	7	18.25	18.35	18.22		
5	QPSK	12	13	18.24	18.37	18.29		
5	QPSK	25	0	18.21	18.44	18.29		
5	16QAM	1	0	18.32	18.34	18.20	19.2	0
5	16QAM	1	12	18.12	18.21	18.16		
5	16QAM	1	24	18.11	18.26	18.14		
5	16QAM	12	0	18.33	18.34	18.22	19.2	0
5	16QAM	12	7	18.27	18.32	18.13		
5	16QAM	12	13	18.21	18.25	18.16		
5	16QAM	25	0	18.29	18.37	18.37		
5	64QAM	1	0	18.26	18.44	18.33	19.2	0
5	64QAM	1	12	18.26	18.37	18.23		
5	64QAM	1	24	18.22	18.37	18.21		
5	64QAM	12	0	18.26	18.44	18.32	19.2	0
5	64QAM	12	7	18.26	18.36	18.18		
5	64QAM	12	13	18.29	18.39	18.28		
5	64QAM	25	0	18.32	18.36	18.31		
5	256QAM	1	0	18.28	18.28	18.17	19.2	0
5	256QAM	1	12	18.23	18.34	18.19		
5	256QAM	1	24	18.15	18.17	18.04		
5	256QAM	12	0	18.31	18.34	18.29	19.2	0
5	256QAM	12	7	18.07	18.22	18.13		
5	256QAM	12	13	18.23	18.29	18.26		
5	256QAM	25	0	18.26	18.40	18.27		

Reduced Power Mode for DSI 5_ENDC

Band 12 Ant1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.56	21.79	21.58	23	0
10	QPSK	1	25	21.62	21.63	21.65		
10	QPSK	1	49	21.42	21.71	21.50		
10	QPSK	25	0	21.62	21.74	21.54	23	0
10	QPSK	25	12	21.56	21.68	21.59		
10	QPSK	25	25	21.53	21.41	21.51		
10	QPSK	50	0	21.41	21.54	21.43		
10	16QAM	1	0	21.56	21.72	21.65	23	0
10	16QAM	1	25	21.60	21.73	21.68		
10	16QAM	1	49	21.46	21.62	21.45		
10	16QAM	25	0	21.67	21.68	21.60	23	0
10	16QAM	25	12	21.68	21.67	21.42		
10	16QAM	25	25	21.52	21.53	21.55		
10	16QAM	50	0	21.43	21.56	21.63		
10	64QAM	1	0	21.63	21.69	21.67	23	0
10	64QAM	1	25	21.58	21.62	21.48		
10	64QAM	1	49	21.38	21.68	21.58		
10	64QAM	25	0	20.54	20.77	20.60	22.5	0.5
10	64QAM	25	12	20.50	20.59	20.58		
10	64QAM	25	25	20.55	20.56	20.69		
10	64QAM	50	0	20.53	20.69	20.58		
10	256QAM	1	0	19.02	19.06	19.18	20.5	2.5
10	256QAM	1	25	19.13	19.11	19.13		
10	256QAM	1	49	18.97	19.00	19.22		
10	256QAM	25	0	19.17	19.14	19.03	20.5	2.5
10	256QAM	25	12	18.91	19.01	19.00		
10	256QAM	25	25	19.08	19.26	19.02		
10	256QAM	50	0	18.97	19.20	19.13		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.58	21.73	21.55	23	0
5	QPSK	1	12	21.57	21.49	21.51		
5	QPSK	1	24	21.58	21.64	21.56		
5	QPSK	12	0	21.68	21.70	21.41	23	0
5	QPSK	12	7	21.47	21.59	21.57		
5	QPSK	12	13	21.60	21.49	21.61		
5	QPSK	25	0	21.28	21.65	21.62		
5	16QAM	1	0	21.56	21.72	21.60	23	0
5	16QAM	1	12	21.46	21.55	21.61		
5	16QAM	1	24	21.51	21.54	21.44		
5	16QAM	12	0	21.67	21.72	21.67	23	0
5	16QAM	12	7	21.55	21.53	21.39		
5	16QAM	12	13	21.66	21.58	21.46		
5	16QAM	25	0	21.40	21.53	21.67		
5	64QAM	1	0	21.52	21.72	21.67	23	0
5	64QAM	1	12	21.49	21.65	21.54		
5	64QAM	1	24	21.38	21.74	21.71		
5	64QAM	12	0	21.12	21.17	21.03	22.5	0.5
5	64QAM	12	7	20.97	20.98	20.79		
5	64QAM	12	13	20.89	21.25	21.08		
5	64QAM	25	0	20.86	21.13	20.92		
5	256QAM	1	0	18.97	18.95	19.15	20.5	2.5
5	256QAM	1	12	18.97	18.95	19.10		
5	256QAM	1	24	19.20	19.13	19.35		
5	256QAM	12	0	19.19	19.24	18.95	20.5	2.5
5	256QAM	12	7	18.97	19.01	19.12		
5	256QAM	12	13	19.25	19.11	19.31		
5	256QAM	25	0	18.83	19.20	19.08		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.62	21.71	21.52	23	0
3	QPSK	1	8	21.43	21.55	21.72		
3	QPSK	1	14	21.37	21.64	21.46		
3	QPSK	8	0	21.51	21.73	21.34	23	0
3	QPSK	8	4	21.39	21.61	21.60		
3	QPSK	8	7	21.55	21.70	21.36		
3	QPSK	15	0	21.38	21.64	21.50		
3	16QAM	1	0	21.69	21.73	21.60	23	0
3	16QAM	1	8	21.58	21.64	21.65		
3	16QAM	1	14	21.72	21.77	21.63		
3	16QAM	8	0	21.73	21.67	21.44	23	0
3	16QAM	8	4	21.45	21.61	21.38		
3	16QAM	8	7	21.60	21.69	21.60		
3	16QAM	15	0	21.45	21.76	21.78		
3	64QAM	1	0	21.72	21.76	21.59	23	0
3	64QAM	1	8	21.41	21.69	21.57		
3	64QAM	1	14	21.43	21.54	21.73		
3	64QAM	8	0	21.03	21.34	21.04	22.5	0.5
3	64QAM	8	4	21.10	21.24	21.08		
3	64QAM	8	7	21.06	21.20	21.08		
3	64QAM	15	0	21.00	21.23	21.03		
3	256QAM	1	0	19.02	19.14	18.93	20.5	2.5
3	256QAM	1	8	19.25	19.18	19.12		
3	256QAM	1	14	19.11	19.34	19.15		
3	256QAM	8	0	19.02	19.18	19.01	20.5	2.5
3	256QAM	8	4	19.01	19.21	19.08		
3	256QAM	8	7	19.26	19.27	18.89		
3	256QAM	15	0	18.99	18.93	19.09		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.71	21.56	21.55	23	0
1.4	QPSK	1	3	21.52	21.64	21.54		
1.4	QPSK	1	5	21.45	21.76	21.45		
1.4	QPSK	3	0	21.57	21.78	21.44		
1.4	QPSK	3	1	21.59	21.68	21.47		
1.4	QPSK	3	3	21.56	21.42	21.61		
1.4	QPSK	6	0	21.31	21.49	21.44	23	0
1.4	16QAM	1	0	21.75	21.72	21.70	23	0
1.4	16QAM	1	3	21.38	21.73	21.75		
1.4	16QAM	1	5	21.42	21.52	21.68		
1.4	16QAM	3	0	21.70	21.69	21.56		
1.4	16QAM	3	1	21.60	21.65	21.45		
1.4	16QAM	3	3	21.51	21.61	21.38		
1.4	16QAM	6	0	21.47	21.71	21.59	23	0
1.4	64QAM	1	0	21.57	21.71	21.61	23	0
1.4	64QAM	1	3	21.37	21.58	21.74		
1.4	64QAM	1	5	21.55	21.72	21.63		
1.4	64QAM	3	0	21.66	21.53	21.74		
1.4	64QAM	3	1	21.37	21.47	21.54		
1.4	64QAM	3	3	21.60	21.68	21.62		
1.4	64QAM	6	0	21.17	21.00	20.94	22.5	0.5
1.4	256QAM	1	0	19.05	19.10	19.10	20.5	2.5
1.4	256QAM	1	3	19.16	19.29	19.20		
1.4	256QAM	1	5	19.02	19.15	19.16		
1.4	256QAM	3	0	18.87	19.21	19.06		
1.4	256QAM	3	1	19.02	19.12	19.23		
1.4	256QAM	3	3	19.12	19.16	18.93		
1.4	256QAM	6	0	18.99	19.23	18.93	20.5	2.5

Band 17 Ant1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.64	21.77	21.67	22.5	0
10	QPSK	1	25	21.48	21.64	21.52		
10	QPSK	1	49	21.54	21.73	21.63		
10	QPSK	25	0	21.43	21.68	21.52	22.5	0
10	QPSK	25	12	21.58	21.52	21.57		
10	QPSK	25	25	21.63	21.56	21.46		
10	QPSK	50	0	21.38	21.63	21.48		
10	16QAM	1	0	21.70	21.67	21.67	22.5	0
10	16QAM	1	25	21.66	21.65	21.43		
10	16QAM	1	49	21.62	21.54	21.53		
10	16QAM	25	0	21.39	21.73	21.61	22.5	0
10	16QAM	25	12	21.41	21.66	21.58		
10	16QAM	25	25	21.56	21.63	21.47		
10	16QAM	50	0	21.54	21.44	21.48		
10	64QAM	1	0	21.60	21.62	21.67	22.5	0
10	64QAM	1	25	21.66	21.56	21.66		
10	64QAM	1	49	21.56	21.70	21.64		
10	64QAM	25	0	21.09	21.20	21.06	22	0.5
10	64QAM	25	12	21.00	21.16	21.01		
10	64QAM	25	25	20.94	21.21	20.97		
10	64QAM	50	0	20.98	21.02	21.03		
10	256QAM	1	0	18.90	19.03	19.18	20	2.5
10	256QAM	1	25	19.00	19.19	18.94		
10	256QAM	1	49	19.04	19.19	19.11		
10	256QAM	25	0	18.91	19.18	19.11	20	2.5
10	256QAM	25	12	18.95	19.07	19.01		
10	256QAM	25	25	19.02	19.03	19.14		
10	256QAM	50	0	18.91	19.12	18.99		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.47	21.75	21.70	22.5	0
5	QPSK	1	12	21.56	21.53	21.46		
5	QPSK	1	24	21.45	21.60	21.45		
5	QPSK	12	0	21.40	21.70	21.49	22.5	0
5	QPSK	12	7	21.59	21.62	21.50		
5	QPSK	12	13	21.31	21.44	21.46		
5	QPSK	25	0	21.48	21.44	21.47		
5	16QAM	1	0	21.43	21.43	21.72	22.5	0
5	16QAM	1	12	21.46	21.61	21.39		
5	16QAM	1	24	21.51	21.46	21.44		
5	16QAM	12	0	21.28	21.43	21.51	22.5	0
5	16QAM	12	7	21.43	21.54	21.46		
5	16QAM	12	13	21.44	21.37	21.48		
5	16QAM	25	0	21.39	21.49	21.45		
5	64QAM	1	0	21.41	21.59	21.52	22.5	0
5	64QAM	1	12	21.61	21.62	21.54		
5	64QAM	1	24	21.41	21.55	21.62		
5	64QAM	12	0	21.03	21.11	21.04	22	0.5
5	64QAM	12	7	20.94	21.18	20.94		
5	64QAM	12	13	20.90	20.92	20.87		
5	64QAM	25	0	20.92	20.96	20.95		
5	256QAM	1	0	18.94	18.94	18.97	20	2.5
5	256QAM	1	12	18.90	19.09	18.89		
5	256QAM	1	24	18.91	18.93	18.92		
5	256QAM	12	0	18.73	19.03	19.02	20	2.5
5	256QAM	12	7	18.86	18.91	18.83		
5	256QAM	12	13	18.98	19.16	19.05		
5	256QAM	25	0	18.92	18.95	18.89		

Band 2 Ant3 for ENDC

BW [MHz]	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	21.20	21.47	21.31	22	0
20	QPSK	1	49	21.02	21.26	21.21		
20	QPSK	1	99	21.03	21.40	21.26		
20	QPSK	50	0	21.16	21.37	21.30	22	0
20	QPSK	50	24	21.24	21.19	21.02		
20	QPSK	50	50	21.16	21.17	21.02		
20	QPSK	100	0	21.04	21.23	21.09		
20	16QAM	1	0	21.12	21.12	20.98	22	0
20	16QAM	1	49	21.08	21.26	21.13		
20	16QAM	1	99	21.15	21.26	21.21		
20	16QAM	50	0	21.08	21.26	21.01	22	0
20	16QAM	50	24	20.94	20.97	20.96		
20	16QAM	50	50	21.04	20.99	21.02		
20	16QAM	100	0	20.95	20.93	21.06		
20	64QAM	1	0	21.01	21.02	21.04	22	0
20	64QAM	1	49	20.92	20.99	21.06		
20	64QAM	1	99	21.02	20.95	21.21		
20	64QAM	50	0	21.02	21.19	20.82	22	0
20	64QAM	50	24	20.87	20.89	20.92		
20	64QAM	50	50	21.07	21.01	20.98		
20	64QAM	100	0	21.08	21.07	20.95		
20	256QAM	1	0	19.48	19.61	19.57	20.5	1.5
20	256QAM	1	49	19.46	19.44	19.69		
20	256QAM	1	99	19.56	19.67	19.61		
20	256QAM	50	0	19.51	19.65	19.62	20.5	1.5
20	256QAM	50	24	19.60	19.45	19.56		
20	256QAM	50	50	19.66	19.62	19.65		
20	256QAM	100	0	19.53	19.71	19.49		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.30	21.35	21.26	22	0
15	QPSK	1	37	20.98	21.21	21.17		
15	QPSK	1	74	21.03	21.26	21.15		
15	QPSK	36	0	21.02	21.26	21.19	22	0
15	QPSK	36	20	21.05	21.07	21.07		
15	QPSK	36	39	21.02	21.09	21.05		
15	QPSK	75	0	21.10	21.09	21.06		
15	16QAM	1	0	21.03	21.00	20.86	22	0
15	16QAM	1	37	20.98	21.25	20.99		
15	16QAM	1	74	21.16	21.08	21.12		
15	16QAM	36	0	20.82	21.09	20.95	22	0
15	16QAM	36	20	20.90	21.09	20.83		
15	16QAM	36	39	20.97	20.91	20.83		
15	16QAM	75	0	20.92	20.92	20.92		
15	64QAM	1	0	21.01	21.13	20.91	22	0
15	64QAM	1	37	20.88	21.11	20.93		
15	64QAM	1	74	20.83	21.06	21.05		
15	64QAM	36	0	20.98	21.00	20.72	22	0
15	64QAM	36	20	20.91	20.89	20.84		
15	64QAM	36	39	20.86	20.94	20.85		
15	64QAM	75	0	21.09	20.96	21.08		
15	256QAM	1	0	19.44	19.55	19.41	20.5	1.5
15	256QAM	1	37	19.34	19.44	19.52		
15	256QAM	1	74	19.41	19.46	19.47		
15	256QAM	36	0	19.31	19.43	19.46	20.5	1.5
15	256QAM	36	20	19.44	19.43	19.58		
15	256QAM	36	39	19.42	19.61	19.49		
15	256QAM	75	0	19.43	19.47	19.35		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.25	21.37	21.27	22	0
10	QPSK	1	25	21.05	21.15	21.16		
10	QPSK	1	49	21.11	21.17	21.27		
10	QPSK	25	0	21.06	21.19	21.03	22	0
10	QPSK	25	12	21.05	21.04	20.92		
10	QPSK	25	25	21.01	21.08	20.88		
10	QPSK	50	0	21.06	21.19	21.00		
10	16QAM	1	0	20.89	21.16	20.92	22	0
10	16QAM	1	25	21.08	21.09	21.11		
10	16QAM	1	49	21.20	21.07	21.10		
10	16QAM	25	0	20.78	21.05	21.06	22	0
10	16QAM	25	12	20.92	20.90	21.02		
10	16QAM	25	25	21.03	21.03	20.80		
10	16QAM	50	0	20.96	20.90	20.90		
10	64QAM	1	0	21.07	21.08	21.02	22	0
10	64QAM	1	25	20.82	20.89	21.04		
10	64QAM	1	49	20.85	21.01	21.02		
10	64QAM	25	0	20.88	21.00	21.00	22	0
10	64QAM	25	12	20.97	20.88	20.97		
10	64QAM	25	25	20.96	20.90	20.92		
10	64QAM	50	0	20.99	21.01	20.95		
10	256QAM	1	0	19.54	19.56	19.37	20.5	1.5
10	256QAM	1	25	19.37	19.49	19.63		
10	256QAM	1	49	19.36	19.53	19.63		
10	256QAM	25	0	19.44	19.59	19.48	20.5	1.5
10	256QAM	25	12	19.56	19.60	19.43		
10	256QAM	25	25	19.56	19.62	19.50		
10	256QAM	50	0	19.31	19.62	19.49		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.20	21.38	21.21	22	0
5	QPSK	1	12	21.11	21.32	21.18		
5	QPSK	1	24	21.00	21.17	21.11		
5	QPSK	12	0	21.11	21.11	21.09	22	0
5	QPSK	12	7	21.17	21.22	21.00		
5	QPSK	12	13	20.93	21.22	20.99		
5	QPSK	25	0	21.07	21.22	21.16		
5	16QAM	1	0	20.93	21.13	20.92	22	0
5	16QAM	1	12	21.19	21.16	21.18		
5	16QAM	1	24	21.20	21.08	21.24		
5	16QAM	12	0	20.96	21.19	21.02	22	0
5	16QAM	12	7	20.82	21.01	20.88		
5	16QAM	12	13	21.05	21.00	20.95		
5	16QAM	25	0	20.85	20.88	20.86		
5	64QAM	1	0	20.84	21.13	20.97	22	0
5	64QAM	1	12	20.89	21.03	20.84		
5	64QAM	1	24	20.97	21.07	20.92		
5	64QAM	12	0	21.00	20.99	20.80	22	0
5	64QAM	12	7	20.83	20.95	20.93		
5	64QAM	12	13	20.82	20.81	20.88		
5	64QAM	25	0	21.08	20.99	21.07		
5	256QAM	1	0	19.37	19.44	19.35	20.5	1.5
5	256QAM	1	12	19.53	19.36	19.48		
5	256QAM	1	24	19.54	19.60	19.56		
5	256QAM	12	0	19.52	19.65	19.46	20.5	1.5
5	256QAM	12	7	19.52	19.49	19.42		
5	256QAM	12	13	19.50	19.44	19.50		
5	256QAM	25	0	19.36	19.52	19.48		
Channel				18515	18900	19285	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.26	21.29	21.20	22	0
3	QPSK	1	8	21.17	21.30	21.26		
3	QPSK	1	14	21.06	21.26	21.12		
3	QPSK	8	0	21.02	21.28	21.04	22	0
3	QPSK	8	4	21.10	21.24	21.07		
3	QPSK	8	7	20.93	21.23	21.02		
3	QPSK	15	0	20.91	21.32	21.09		
3	16QAM	1	0	20.94	21.12	20.90	22	0
3	16QAM	1	8	21.10	21.09	21.09		
3	16QAM	1	14	21.03	21.30	21.05		
3	16QAM	8	0	20.97	21.22	21.00	22	0
3	16QAM	8	4	20.83	21.06	21.01		
3	16QAM	8	7	20.82	20.97	20.80		
3	16QAM	15	0	21.00	21.09	20.86		
3	64QAM	1	0	20.97	21.07	20.94	22	0
3	64QAM	1	8	20.89	21.01	20.99		
3	64QAM	1	14	20.83	20.95	20.96		
3	64QAM	8	0	20.96	21.16	20.88	22	0
3	64QAM	8	4	20.81	20.86	20.88		
3	64QAM	8	7	20.76	20.93	20.80		
3	64QAM	15	0	20.98	20.92	20.96		
3	256QAM	1	0	19.49	19.54	19.46	20.5	1.5
3	256QAM	1	8	19.55	19.49	19.58		
3	256QAM	1	14	19.50	19.62	19.58		
3	256QAM	8	0	19.39	19.66	19.45	20.5	1.5
3	256QAM	8	4	19.55	19.52	19.46		
3	256QAM	8	7	19.62	19.48	19.49		
3	256QAM	15	0	19.30	19.48	19.34		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.13	21.29	21.19	22	0
1.4	QPSK	1	3	20.90	21.21	21.20		
1.4	QPSK	1	5	21.14	21.29	21.18		
1.4	QPSK	3	0	21.06	21.28	21.10		
1.4	QPSK	3	1	20.99	21.20	20.99		
1.4	QPSK	3	3	21.00	21.14	20.92		
1.4	QPSK	6	0	20.97	21.30	21.10	22	0
1.4	16QAM	1	0	21.03	21.01	21.08	22	0
1.4	16QAM	1	3	21.17	21.17	21.05		
1.4	16QAM	1	5	21.06	21.09	21.06		
1.4	16QAM	3	0	20.92	21.03	20.85		
1.4	16QAM	3	1	20.75	20.87	20.92		
1.4	16QAM	3	3	20.93	20.97	20.81		
1.4	16QAM	6	0	21.02	20.85	20.79	22	0
1.4	64QAM	1	0	20.94	21.03	20.94	22	0
1.4	64QAM	1	3	20.93	21.09	20.87		
1.4	64QAM	1	5	21.04	20.87	20.97		
1.4	64QAM	3	0	21.03	21.05	20.97		
1.4	64QAM	3	1	20.78	20.94	20.83		
1.4	64QAM	3	3	20.92	20.90	20.86		
1.4	64QAM	6	0	20.88	21.13	21.06	22	0
1.4	256QAM	1	0	19.52	19.40	19.52	20.5	1.5
1.4	256QAM	1	3	19.51	19.54	19.50		
1.4	256QAM	1	5	19.36	19.49	19.44		
1.4	256QAM	3	0	19.33	19.58	19.40		
1.4	256QAM	3	1	19.35	19.51	19.52		
1.4	256QAM	3	3	19.50	19.59	19.45		
1.4	256QAM	6	0	19.38	19.57	19.45	20.5	1.5

Band 4 Ant3 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.09	20.22	20.16	21	0
20	QPSK	1	49	19.95	20.15	20.11		
20	QPSK	1	99	20.04	19.99	20.08		
20	QPSK	50	0	20.09	20.20	20.02	21	0
20	QPSK	50	24	20.14	20.07	20.12		
20	QPSK	50	50	20.09	20.02	20.14		
20	QPSK	100	0	20.14	20.13	19.97		
20	16QAM	1	0	20.21	20.14	19.96	21	0
20	16QAM	1	49	20.09	20.19	20.04		
20	16QAM	1	99	20.14	20.01	20.05		
20	16QAM	50	0	20.14	19.99	19.89	21	0
20	16QAM	50	24	19.98	20.06	20.08		
20	16QAM	50	50	19.87	20.03	20.00		
20	16QAM	100	0	19.85	20.06	19.84		
20	64QAM	1	0	19.97	20.19	20.05	21	0
20	64QAM	1	49	19.83	20.10	19.92		
20	64QAM	1	99	20.08	20.04	19.82		
20	64QAM	50	0	19.92	20.16	19.84	21	0
20	64QAM	50	24	19.83	20.00	20.01		
20	64QAM	50	50	19.88	20.07	19.84		
20	64QAM	100	0	19.99	20.06	19.94		
20	256QAM	1	0	19.45	19.46	19.46	20.5	0.5
20	256QAM	1	49	19.21	19.54	19.41		
20	256QAM	1	99	19.36	19.47	19.35		
20	256QAM	50	0	19.35	19.49	19.22	20.5	0.5
20	256QAM	50	24	19.38	19.47	19.35		
20	256QAM	50	50	19.39	19.50	19.59		
20	256QAM	100	0	19.37	19.36	19.35		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.08	20.14	19.95	21	0
15	QPSK	1	37	19.87	19.97	20.04		
15	QPSK	1	74	20.08	20.08	19.92		
15	QPSK	36	0	20.03	20.01	20.05	21	0
15	QPSK	36	20	19.95	20.19	19.95		
15	QPSK	36	39	20.01	20.04	19.91		
15	QPSK	75	0	19.98	20.06	20.04		
15	16QAM	1	0	20.14	19.93	20.04	21	0
15	16QAM	1	37	19.90	20.12	19.94		
15	16QAM	1	74	19.86	20.07	20.00		
15	16QAM	36	0	19.84	19.86	20.02	21	0
15	16QAM	36	20	19.99	20.04	20.06		
15	16QAM	36	39	19.86	19.93	20.04		
15	16QAM	75	0	19.71	20.01	19.73		
15	64QAM	1	0	19.94	20.01	19.90	21	0
15	64QAM	1	37	19.95	19.87	19.87		
15	64QAM	1	74	19.98	19.96	19.68		
15	64QAM	36	0	19.66	20.10	19.77	21	0
15	64QAM	36	20	19.68	19.82	19.77		
15	64QAM	36	39	19.71	19.93	19.75		
15	64QAM	75	0	19.82	19.73	19.87		
15	256QAM	1	0	19.29	19.24	19.27	20.5	0.5
15	256QAM	1	37	19.23	19.33	19.27		
15	256QAM	1	74	19.30	19.54	19.45		
15	256QAM	36	0	19.31	19.45	19.35	20.5	0.5
15	256QAM	36	20	19.19	19.45	19.25		
15	256QAM	36	39	19.27	19.34	19.32		
15	256QAM	75	0	19.15	19.48	19.31		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.03	20.16	20.08	21	0
10	QPSK	1	25	20.02	20.07	20.05		
10	QPSK	1	49	20.05	20.02	19.92		
10	QPSK	25	0	20.14	20.11	19.93	21	0
10	QPSK	25	12	19.88	20.06	19.92		
10	QPSK	25	25	19.94	19.93	20.13		
10	QPSK	50	0	20.06	20.00	19.91		
10	16QAM	1	0	20.11	20.06	19.99	21	0
10	16QAM	1	25	19.95	20.10	19.88		
10	16QAM	1	49	19.94	20.07	19.80		
10	16QAM	25	0	19.89	20.02	19.99	21	0
10	16QAM	25	12	19.85	19.93	20.05		
10	16QAM	25	25	19.91	19.99	19.99		
10	16QAM	50	0	19.84	19.91	19.87		
10	64QAM	1	0	19.81	19.95	20.00	21	0
10	64QAM	1	25	19.85	19.98	19.86		
10	64QAM	1	49	19.85	19.94	19.83		
10	64QAM	25	0	19.82	19.98	19.66	21	0
10	64QAM	25	12	19.69	19.83	19.71		
10	64QAM	25	25	19.66	19.85	19.75		
10	64QAM	50	0	19.72	20.07	19.75		
10	256QAM	1	0	19.24	19.30	19.28	20.5	0.5
10	256QAM	1	25	19.23	19.27	19.28		
10	256QAM	1	49	19.39	19.33	19.30		
10	256QAM	25	0	19.32	19.32	19.26	20.5	0.5
10	256QAM	25	12	19.03	19.33	19.31		
10	256QAM	25	25	19.39	19.37	19.31		
10	256QAM	50	0	19.36	19.24	19.39		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.01	20.01	19.89	21	0
5	QPSK	1	12	19.79	20.15	20.04		
5	QPSK	1	24	19.82	20.09	19.99		
5	QPSK	12	0	19.92	20.01	19.90	21	0
5	QPSK	12	7	19.85	19.90	20.02		
5	QPSK	12	13	19.88	19.94	19.85		
5	QPSK	25	0	20.16	20.03	19.80		
5	16QAM	1	0	19.88	20.19	19.94	21	0
5	16QAM	1	12	19.93	20.02	19.90		
5	16QAM	1	24	19.99	19.99	20.12		
5	16QAM	12	0	20.01	19.90	19.73	21	0
5	16QAM	12	7	19.83	19.83	19.93		
5	16QAM	12	13	19.81	19.83	19.96		
5	16QAM	25	0	19.73	19.95	19.85		
5	64QAM	1	0	19.91	20.01	19.78	21	0
5	64QAM	1	12	19.85	19.91	19.89		
5	64QAM	1	24	19.93	19.96	19.73		
5	64QAM	12	0	19.74	19.96	19.69	21	0
5	64QAM	12	7	19.73	19.73	19.89		
5	64QAM	12	13	19.77	19.90	19.87		
5	64QAM	25	0	19.97	19.92	19.67		
5	256QAM	1	0	19.10	19.35	19.40	20.5	0.5
5	256QAM	1	12	19.19	19.33	19.31		
5	256QAM	1	24	19.40	19.39	19.37		
5	256QAM	12	0	19.22	19.40	19.24	20.5	0.5
5	256QAM	12	7	19.19	19.49	19.37		
5	256QAM	12	13	19.27	19.25	19.41		
5	256QAM	25	0	19.25	19.36	19.46		
Channel				19925	20175	20425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.21	20.01	20.07	21	0
3	QPSK	1	8	19.99	20.12	19.78		
3	QPSK	1	14	19.89	19.93	19.90		
3	QPSK	8	0	19.98	20.20	19.91	21	0
3	QPSK	8	4	19.90	20.13	19.96		
3	QPSK	8	7	19.96	20.15	20.01		
3	QPSK	15	0	20.12	20.02	19.81		
3	16QAM	1	0	20.13	20.15	19.94	21	0
3	16QAM	1	8	20.02	19.92	19.94		
3	16QAM	1	14	20.03	20.10	20.00		
3	16QAM	8	0	19.93	19.92	19.86	21	0
3	16QAM	8	4	19.97	20.01	20.07		
3	16QAM	8	7	19.75	19.93	19.93		
3	16QAM	15	0	19.75	19.82	19.95		
3	64QAM	1	0	19.86	20.10	19.93	21	0
3	64QAM	1	8	19.79	19.86	19.86		
3	64QAM	1	14	19.71	19.97	19.75		
3	64QAM	8	0	19.79	20.12	19.87	21	0
3	64QAM	8	4	19.67	19.93	19.76		
3	64QAM	8	7	19.66	20.04	19.91		
3	64QAM	15	0	19.92	19.80	19.84		
3	256QAM	1	0	19.15	19.40	19.18	20.5	0.5
3	256QAM	1	8	19.23	19.25	19.11		
3	256QAM	1	14	19.24	19.25	19.25		
3	256QAM	8	0	19.27	19.34	19.27	20.5	0.5
3	256QAM	8	4	19.15	19.41	19.38		
3	256QAM	8	7	19.16	19.21	19.42		
3	256QAM	15	0	19.36	19.31	19.16		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.10	20.10	19.94	21	0
1.4	QPSK	1	3	20.05	20.07	19.91		
1.4	QPSK	1	5	19.96	20.06	19.90		
1.4	QPSK	3	0	20.07	20.01	19.99		
1.4	QPSK	3	1	20.08	20.17	20.12		
1.4	QPSK	3	3	19.87	20.10	19.97		
1.4	QPSK	6	0	20.06	19.94	19.87	21	0
1.4	16QAM	1	0	19.85	20.18	19.98	21	0
1.4	16QAM	1	3	20.05	20.14	20.00		
1.4	16QAM	1	5	20.03	20.04	19.97		
1.4	16QAM	3	0	19.86	19.96	19.83		
1.4	16QAM	3	1	19.82	19.96	19.97		
1.4	16QAM	3	3	19.94	19.87	20.02		
1.4	16QAM	6	0	19.92	19.78	19.96	21	0
1.4	64QAM	1	0	19.95	20.14	20.04	21	0
1.4	64QAM	1	3	19.74	19.86	19.93		
1.4	64QAM	1	5	19.84	19.95	19.65		
1.4	64QAM	3	0	19.82	19.94	19.67		
1.4	64QAM	3	1	19.59	19.94	19.75		
1.4	64QAM	3	3	19.92	19.90	19.81		
1.4	64QAM	6	0	19.88	20.03	19.79	21	0
1.4	256QAM	1	0	19.29	19.51	19.36	20.5	0.5
1.4	256QAM	1	3	19.27	19.25	19.25		
1.4	256QAM	1	5	19.44	19.34	19.32		
1.4	256QAM	3	0	19.26	19.57	19.33		
1.4	256QAM	3	1	19.26	19.36	19.23		
1.4	256QAM	3	3	19.28	19.30	19.39		
1.4	256QAM	6	0	19.34	19.31	19.28	20.5	0.5

Band 66 Ant3 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				131972	132322	132672		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.26	20.40	20.08	21	0
20	QPSK	1	49	20.33	20.22	20.22		
20	QPSK	1	99	20.25	20.29	20.25		
20	QPSK	50	0	20.14	20.39	20.20	21	0
20	QPSK	50	24	20.07	20.34	20.30		
20	QPSK	50	50	20.31	20.19	20.08		
20	QPSK	100	0	20.13	20.35	20.25		
20	16QAM	1	0	20.12	20.24	20.26	21	0
20	16QAM	1	49	20.28	20.29	20.12		
20	16QAM	1	99	20.11	20.18	20.25		
20	16QAM	50	0	20.28	20.29	20.26	21	0
20	16QAM	50	24	20.22

Band 2 Ant 4 for ENDC

BW [MHz]	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)				1880	1880	1900		
20	QPSK	1	0	18.89	19.15	18.96		
20	QPSK	1	49	18.84	19.01	18.85	20.5	0
20	QPSK	1	99	18.87	18.95	18.85		
20	QPSK	50	0	18.84	18.94	18.88		
20	QPSK	50	24	18.73	18.84	18.70	20.5	0
20	QPSK	50	50	18.61	18.89	18.65		
20	QPSK	100	0	18.77	18.89	18.68		
20	16QAM	1	0	18.84	18.99	18.69		
20	16QAM	1	49	18.56	18.64	18.63	20.5	0
20	16QAM	1	99	18.57	18.79	18.81		
20	16QAM	50	0	18.77	18.78	18.59		
20	16QAM	50	24	18.61	18.82	18.77	20.5	0
20	16QAM	50	50	18.65	18.85	18.65		
20	16QAM	100	0	18.66	18.93	18.76		
20	64QAM	1	0	18.66	18.83	18.94		
20	64QAM	1	49	18.82	18.81	18.66	20.5	0
20	64QAM	1	99	18.62	18.88	18.78		
20	64QAM	50	0	18.60	18.93	18.76		
20	64QAM	50	24	18.53	18.78	18.80	20.5	0
20	64QAM	50	50	18.71	18.91	18.82		
20	64QAM	100	0	18.63	18.79	18.53		
20	256QAM	1	0	18.10	18.22	18.04		
20	256QAM	1	49	18.34	18.12	18.32	19.5	1
20	256QAM	1	99	18.14	18.28	18.07		
20	256QAM	50	0	18.13	18.43	18.16		
20	256QAM	50	24	18.26	18.28	18.14	19.5	1
20	256QAM	50	50	18.26	18.09	18.06		
20	256QAM	100	0	18.00	18.18	18.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.62	18.88	18.83		
15	QPSK	1	37	18.60	18.70	18.60	20.5	0
15	QPSK	1	74	18.55	18.62	18.67		
15	QPSK	36	0	18.63	18.74	18.80		
15	QPSK	36	20	18.69	18.73	18.67	20.5	0
15	QPSK	36	39	18.57	18.80	18.61		
15	QPSK	75	0	18.65	18.85	18.69		
15	16QAM	1	0	18.78	18.84	18.73		
15	16QAM	1	37	18.66	18.64	18.50	20.5	0
15	16QAM	1	74	18.62	18.69	18.63		
15	16QAM	36	0	18.60	18.80	18.64		
15	16QAM	36	20	18.59	18.63	18.67	20.5	0
15	16QAM	36	39	18.52	18.75	18.60		
15	16QAM	75	0	18.55	18.57	18.54		
15	64QAM	1	0	18.66	18.66	18.77		
15	64QAM	1	37	18.62	18.62	18.63	20.5	0
15	64QAM	1	74	18.73	18.84	18.69		
15	64QAM	36	0	18.53	18.69	18.52		
15	64QAM	36	20	18.66	18.57	18.55	20.5	0
15	64QAM	36	39	18.58	18.84	18.79		
15	64QAM	75	0	18.52	18.72	18.54		
15	256QAM	1	0	18.18	18.10	18.13		
15	256QAM	1	37	18.05	18.19	18.22	19.5	1
15	256QAM	1	74	18.05	18.05	18.13		
15	256QAM	36	0	18.08	18.17	18.16		
15	256QAM	36	20	18.19	18.11	18.34	19.5	1
15	256QAM	36	39	18.16	17.98	18.13		
15	256QAM	75	0	18.29	18.21	18.15		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.81	18.79	18.89		
10	QPSK	1	25	18.69	18.76	18.55	20.5	0
10	QPSK	1	49	18.51	18.56	18.62		
10	QPSK	25	0	18.72	18.67	18.72		
10	QPSK	25	12	18.74	18.59	18.82	20.5	0
10	QPSK	25	25	18.78	18.91	18.70		
10	QPSK	50	0	18.74	18.80	18.57		
10	16QAM	1	0	18.59	18.65	18.67		
10	16QAM	1	25	18.63	18.66	18.60	20.5	0
10	16QAM	1	49	18.65	18.60	18.72		
10	16QAM	25	0	18.77	18.81	18.61		
10	16QAM	25	12	18.57	18.83	18.60	20.5	0
10	16QAM	25	25	18.56	18.82	18.67		
10	16QAM	50	0	18.52	18.82	18.66		
10	64QAM	1	0	18.82	18.97	18.63		
10	64QAM	1	25	18.84	18.75	18.70	20.5	0
10	64QAM	1	49	18.72	18.65	18.79		
10	64QAM	25	0	18.62	18.70	18.71		
10	64QAM	25	12	18.62	18.68	18.65	20.5	0
10	64QAM	25	25	18.62	18.79	18.68		
10	64QAM	50	0	18.62	18.72	18.65		
10	256QAM	1	0	18.12	18.11	18.00		
10	256QAM	1	25	18.23	18.28	18.18	19.5	1
10	256QAM	1	49	18.01	18.19	18.04		
10	256QAM	25	0	18.22	18.14	18.18		
10	256QAM	25	12	18.25	18.18	18.09	19.5	1
10	256QAM	25	25	18.21	18.04	18.16		
10	256QAM	50	0	18.02	18.04	18.08		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.75	18.80	18.84		
5	QPSK	1	12	18.65	18.79	18.54	20.5	0
5	QPSK	1	24	18.54	18.60	18.66		
5	QPSK	12	0	18.64	18.74	18.76		
5	QPSK	12	7	18.73	18.61	18.77	20.5	0
5	QPSK	12	13	18.82	18.89	18.69		
5	QPSK	25	0	18.72	18.76	18.58		
5	16QAM	1	0	18.64	18.66	18.69		
5	16QAM	1	12	18.64	18.62	18.63	20.5	0
5	16QAM	1	24	18.56	18.67	18.70		
5	16QAM	12	0	18.70	18.81	18.65		
5	16QAM	12	7	18.57	18.77	18.69	20.5	0
5	16QAM	12	13	18.61	18.79	18.75		
5	16QAM	25	0	18.53	18.74	18.59		
5	64QAM	1	0	18.81	18.91	18.72		
5	64QAM	1	12	18.75	18.82	18.67	20.5	0
5	64QAM	1	24	18.68	18.67	18.77		
5	64QAM	12	0	18.61	18.71	18.79		
5	64QAM	12	7	18.62	18.65	18.60	20.5	0
5	64QAM	12	13	18.62	18.82	18.68		
5	64QAM	25	0	18.61	18.73	18.72		
5	256QAM	1	0	18.05	18.04	18.03		
5	256QAM	1	12	18.22	18.37	18.18	19.5	1
5	256QAM	1	24	17.98	18.24	17.97		
5	256QAM	12	0	18.22	18.22	18.17		
5	256QAM	12	7	18.21	18.22	18.02	19.5	1
5	256QAM	12	13	18.16	17.96	18.16		
5	256QAM	25	0	17.95	18.06	18.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.69	18.81	18.88		
3	QPSK	1	8	18.74	18.80	18.67	20.5	0
3	QPSK	1	14	18.59	18.67	18.50		
3	QPSK	8	0	18.61	18.81	18.69		
3	QPSK	8	4	18.64	18.71	18.82	20.5	0
3	QPSK	8	7	18.78	18.74	18.65		
3	QPSK	15	0	18.71	18.77	18.57		
3	16QAM	1	0	18.71	18.77	18.69		
3	16QAM	1	8	18.59	18.65	18.59	20.5	0
3	16QAM	1	14	18.53	18.62	18.69		
3	16QAM	8	0	18.64	18.78	18.66		
3	16QAM	8	4	18.64	18.60	18.55	20.5	0
3	16QAM	8	7	18.69	18.70	18.71		
3	16QAM	15	0	18.56	18.61	18.52		
3	64QAM	1	0	18.58	18.90	18.68		
3	64QAM	1	8	18.82	18.71	18.70	20.5	0
3	64QAM	1	14	18.59	18.92	18.66		
3	64QAM	8	0	18.65	18.63	18.74		
3	64QAM	8	4	18.56	18.50	18.62	20.5	0
3	64QAM	8	7	18.57	18.74	18.68		
3	64QAM	15	0	18.58	18.81	18.74		
3	256QAM	1	0	17.98	18.06	18.23		
3	256QAM	1	8	18.07	18.20	18.16	19.5	1
3	256QAM	1	14	18.08	18.40	18.01		
3	256QAM	8	0	18.19	18.43	18.20		
3	256QAM	8	4	18.15	18.18	18.14	19.5	1
3	256QAM	8	7	18.16	18.06	18.09		
3	256QAM	15	0	18.12	18.17	18.08		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.82	18.79	18.80		
1.4	QPSK	1	3	18.80	18.93	18.76		
1.4	QPSK	1	5	18.51	18.65	18.69	20.5	0
1.4	QPSK	3	0	18.63	18.92	18.76		
1.4	QPSK	3	1	18.52	18.63	18.67		
1.4	QPSK	3	3	18.79	18.68	18.72		
1.4	QPSK	6	0	18.78	18.70	18.59	20.5	0
1.4	16QAM	1	0	18.83	18.77	18.74		
1.4	16QAM	1	3	18.58	18.67	18.62		
1.4	16QAM	1	5	18.59	18.78	18.75	20.5	0
1.4	16QAM	3	0	18.54	18.76	18.57		
1.4	16QAM	3	1	18.54	18.84	18.70		
1.4	16QAM	3	3	18.51	18.71	18.63		
1.4	16QAM	6	0	18.62	18.77	18.62	20.5	0
1.4	64QAM	1	0	18.62	18.89	18.67		
1.4	64QAM	1	3	18.61	18.67	18.71		
1.4	64QAM	1	5	18.58	18.71	18.69	20.5	0
1.4	64QAM	3	0	18.65	18.89	18.78		
1.4	64QAM	3	1	18.59	18.79	18.85		
1.4	64QAM	3	3	18.57	18.84	18.59		
1.4	64QAM	6	0	18.56	18.80	18.61	20.5	0
1.4	256QAM	1	0	18.14	18.13	18.10		
1.4	256QAM	1	3	18.16	18.18	18.03		
1.4	256QAM	1	5	18.10	18.04	18.16	19.5	1
1.4	256QAM	3	0	18.06	18.09	18.23		
1.4	256QAM	3	1	18.10	18.24	18.22		
1.4	256QAM	3	3	18.10	18.13	18.15		
1.4	256QAM	6	0	18.04	18.11	18.05	19.5	1

Band 4 Ant4 DSI5 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.53	18.91	18.74		
20	QPSK	1	49	18.73	18.57	18.50	20.5	0
20	QPSK	1	99	18.74	18.67	18.72		
20	QPSK	50	0	18.55	18.88	18.60		
20	QPSK	50	24	18.70	18.56	18.76	20.5	0
20	QPSK	50	50	18.54	18.64	18.70		
20	QPSK	100	0	18.59	18.64	18.56		
20	16QAM	1	0	18.77	18.76	18.79		
20	16QAM	1	49	18.67	18.67	18.63	20.5	0
20	16QAM	1	99	18.56	18.65	18.56		
20	16QAM	50	0	18.54	18.77	18.80		
20	16QAM	50	24	18.60	18.51	18.59	20.5	0
20	16QAM	50	50	18.69	18.51	18.55		
20	16QAM	100	0	18.69	18.83	18.55		
20	64QAM	1	0	18.79	18.76	18.62		
20	64QAM	1	49	18.76	18.73	18.62	20.5	0
20	64QAM	1	99	18.72	18.71	18.70		
20	64QAM	50	0	18.63	18.80	18.84		
20	64QAM	50	24	18.68	18.56	18.57	20.5	0
20	64QAM	50	50	18.86	18.50	18.72		
20	64QAM	100	0	18.54	18.77	18.53		
20	256QAM	1	0	17.66	17.70	17.73		
20	256QAM	1	49	17.57	17.52	17.62	19.5	1
20	256QAM	1	99	17.58	17.73	17.67		
20	256QAM	50	0	17.66	17.77	17.84		
20	256QAM	50	24	17.68	17.86	17.60	19.5	1
20	256QAM	50	50	17.58	17.73	17.59		
20	256QAM	100	0	17.69	17.73	17.68		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.57	18.63	18.68		
15	QPSK	1	37	18.51	18.68	18.74	20.5	0
15	QPSK	1	74	18.58	18.76	18.70		
15	QPSK	36	0	18.51	18.71	18.60		
15	QPSK	36	20	18.64	18.67	18.64	20.5	0
15	QPSK	36	39	18.56	18.87	18.51		
15	QPSK	75	0	18.66	18.69	18.62		
15	16QAM	1	0	18.65	18.54	18.56		
15	16QAM	1	37	18.62	18.61	18.60	20.5	0
15	16QAM	1	74	18.52	18.61	18.53		
15	16QAM	36	0	18.60	18.53	18.59		
15	16QAM	36	20	18.59	18.67	18.61	20.5	0
15	16QAM	36	39	18.66	18.55	18.57		
15	16QAM	75	0	18.57	18.66	18.66		
15	64QAM	1	0	18.57	18.79	18.80		
15	64QAM	1	37	18.67	18.71	18.57	20.5	0
15	64QAM	1	74	18.60	18.54	18.76		
15	64QAM	36	0	18.54	18.71	18.76		
15	64QAM	36	20	18.54	18.58	18.55	20.5	0
15	64QAM	36	39	18.56	18.70	18.79		
15	64QAM	75	0	18.60	18.63	18.68		
15	256QAM	1	0	17.81	17.62	17.69		
15	256QAM	1	37	17.54	17.81	17.73	19.5	1
15	256QAM	1	74	17.67	17.80	17.84		
15	256QAM	36	0	17.52	17.72	17.77		
15	256QAM	36	20	17.60	17.68	17.65	19.5	1
15	256QAM	36	39	17.76	17.53	17.65		
15	256QAM	75	0	17.52	17.61	17.55		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.64	18.75	18.59		
10	QPSK	1	25	18.85	18.78	18.79	20.5	0
10	QPSK	1	49	18.64	18.71	18.78		
10	QPSK	25	0	18.52	18.63	18.57		
10	QPSK	25	12	18.61	18.60	18.69	20.5	0
10	QPSK	25	25	18.62	18.62	18.67		
10	QPSK	50	0	18.55	18.73	18.58		
10	16QAM	1	0	18.68	18.78	18.57		
10	16QAM	1	25	18.60	18.68	18.61	20.5	0
10	16QAM	1	49	18.69	18.52	18.59		
10	16QAM	25	0	18.56	18.83	18.60		
10	16QAM	25	12	18.57	18.63	18.63	20.5	0
10	16QAM	25	25	18.67	18.60	18.74		
10	16QAM	50	0	18.70	18.73	18.55		
10	64QAM	1	0	18.65	18.58	18.55		
10	64QAM	1	25	18.54	18.72	18.68	20.5	0
10	64QAM	1	49	18.66	18.58	18.68		
10	64QAM	25	0	18.53	18.80	18.58		
10	64QAM	25	12	18.73	18.73	18.68	20.5	0
10	64QAM	25	25	18.55	18.74	18.77		
10	64QAM	50	0	18.59	18.52	18.56		
10	256QAM	1	0	17.73	17.59	17.72		
10	256QAM	1	25	17.79	17.87	17.64	19.5	1
10	256QAM	1	49	17.59	17.68	17.70		
10	256QAM	25	0	17.67	17.83	17.77		
10	256QAM	25	12	17.58	17.86	17.85	19.5	1
10	256QAM	25	25	17.55	17.83	17.58		
10	256QAM	50	0	17.71	17.66	17.55		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.63	18.86	18.69		
5	QPSK	1	12	18.66	18.82	18.50	20.5	0
5	QPSK	1	24	18.56	18.72	18.66		
5	QPSK	12	0	18.62	18.64	18.60		
5	QPSK	12	7	18.68	18.54	18.59	20.5	0
5	QPSK	12	13	18.62	18.68	18.73		
5	QPSK	25	0	18.54	18.88	18.65		
5	16QAM	1	0	18.56	18.77	18.67		
5	16QAM	1	12	18.52	18.57	18.57	20.5	0
5	16QAM	1	24	18.51	18.64	18.54		
5	16QAM	12	0	18.57	18.63	18.72		
5	16QAM	12	7	18.55	18.74	18.69	20.5	0
5	16QAM	12	13	18.51	18.66	18.68		
5	16QAM	25	0	18.54	18.67	18.65		
5	64QAM	1	0	18.61	18.68	18.62		
5	64QAM	1	12	18.64	18.68	18.59	20.5	0
5	64QAM	1	24	18.54	18.60	18.62		
5	64QAM	12	0	18.65	18.78	18.50		
5	64QAM	12	7	18.72	18.51	18.53	20.5	0
5	64QAM	12	13	18.61	18.56	18.55		
5	64QAM	25	0	18.65	18.63	18.67		
5	256QAM	1	0	17.70	17.74	17.57		
5	256QAM	1	12	17.70	17.77	17.76	19.5	1
5	256QAM	1	24	17.77	17.73	17.59		
5	256QAM	12	0	17.66	17.82	17.67		
5	256QAM	12	7	17.64	17.59	17.61	19.5	1
5	256QAM	12	13	17.51	17.74	17.78		
5	256QAM	25	0	17.64	17.76	17.59		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.68	18.74	18.76		
3	QPSK	1	8	18.68	18.70	18.66	20.5	0
3	QPSK	1	14	18.62	18.87	18.57		
3	QPSK	8	0	18.56	18.59	18.55		
3	QPSK	8	4	18.53	18.60	18.83	20.5	0
3	QPSK	8	7	18.77	18.75	18.70		
3	QPSK	15	0	18.55	18.83	18.53		
3	16QAM	1	0	18.66	18.53	18.64		
3	16QAM	1	8	18.61	18.55	18.55	20.5	0
3	16QAM	1	14	18.70	18.59	18.63		
3	16QAM	8	0	18.57	18.74	18.65		
3	16QAM	8	4	18.63	18.51	18.74	20.5	0
3	16QAM	8	7	18.53	18.51	18.60		
3	16QAM	15	0	18.59	18.78	18.84		
3	64QAM	1	0	18.64	18.78	18.68		
3	64QAM	1	8	18.57	18.70	18.62	20.5	0
3	64QAM	1	14	18.54	18.62	18.69		
3	64QAM	8	0	18.63	18.81	18.74		
3	64QAM	8	4	18.54	18.68	18.54	20.5	0
3	64QAM	8	7	18.52	18.72	18.77		
3	64QAM	15	0	18.51	18.66	18.67		
3	256QAM	1	0	17.55	17.72	17.77		
3	256QAM	1	8	17.82	17.59	17.62	19.5	1
3	256QAM	1	14	17.59	17.83	17.65		
3	256QAM	8	0	17.59	17.75	17.64		
3	256QAM	8	4	17.53	17.73	17.68	19.5	1
3	256QAM	8	7	17.77	17.88	17.82		
3	256QAM	15	0	17.69	17.74	17.84		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.57	18.66	18.59		
1.4	QPSK	1	3	18.65	18.62	18.85		
1.4	QPSK	1	5	18.60	18.74	18.73	20.5	0
1.4	QPSK	3	0	18.65	18.71	18.68		
1.4	QPSK	3	1	18.65	18.52	18.82		
1.4	QPSK	3	3	18.55	18.84	18.65		
1.4	QPSK	6	0	18.59	18.63	18.76	20.5	0
1.4	16QAM	1	0	18.59	18.74	18.70		
1.4	16QAM	1	3	18.55	18.69	18.54		
1.4	16QAM	1	5	18.60	18.62	18.55	20.5	0
1.4	16QAM	3	0	18.57	18.58	18.72		
1.4	16QAM	3	1	18.59	18.74	18.56		
1.4	16QAM	3	3	18.54	18.62	18.81		
1.4	16QAM	6	0	18.56	18.78	18.73	20.5	0
1.4	64QAM	1	0	18.54	18.76	18.77		
1.4	64QAM	1	3	18.61	18.89	18.69		
1.4	64QAM	1	5	18.51	18.69	18.55	20.5	0
1.4	64QAM	3	0	18.60	18.84	18.62		
1.4	64QAM	3	1	18.61	18.65	18.57		
1.4	64QAM	3	3	18.68	18.75	18.53		
1.4	64QAM	6	0	18.57	18.64	18.53	20.5	0
1.4	256QAM	1	0	17.63	17.60	17.94		
1.4	256QAM	1	3	17.60	17.67	17.59		
1.4	256QAM	1	5	17.74	17.63	17.60	19.5	1
1.4	256QAM	3	0	17.61	18.02	17.61		
1.4	256QAM	3	1	17.84	17.63	17.72		
1.4	256QAM	3	3	17.56	17.61	17.61		
1.4	256QAM	6	0	17.52	17.66	17.65	19.5	1

Band 7 Ant4 DSI5 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.38	16.56	16.48		
20	QPSK	1	49	16.22	16.40	16.27	17.5	0
20	QPSK	1	99	16.19	16.33	16.15		
20	QPSK	50	0	16.48	16.49	16.32		
20	QPSK	50	24	16.41	16.43	16.31	17.5	0
20	QPSK	50	50	16.18	16.46	16.25		
20	QPSK	100	0	16.37	16.45	16.36		
20	16QAM	1	0	16.45	16.50	16.33		
20	16QAM	1	49	16.22	16.34	16.46	17.5	0

Band 38 Ant4 DSI5 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.79	16.88	16.79	18	0
20	QPSK	1	49	16.76	16.78	16.66		
20	QPSK	1	99	16.52	16.65	16.65		
20	QPSK	50	0	16.64	16.85	16.66	18	0
20	QPSK	50	24	16.61	16.55	16.58		
20	QPSK	50	50	16.58	16.52	16.42		
20	QPSK	100	0	16.34	16.52	16.45		
20	16QAM	1	0	16.57	16.43	16.46	18	0
20	16QAM	1	49	16.52	16.69	16.51		
20	16QAM	1	99	16.26	16.47	16.30		
20	16QAM	50	0	16.60	16.41	16.31	18	0
20	16QAM	50	24	16.26	16.32	16.50		
20	16QAM	50	50	16.39	16.60	16.28		
20	16QAM	100	0	16.37	16.56	16.71		
20	64QAM	1	0	16.29	16.40	16.52	18	0
20	64QAM	1	49	16.47	16.55	16.42		
20	64QAM	1	99	16.22	16.30	16.42		
20	64QAM	50	0	16.67	16.64	16.32	18	0
20	64QAM	50	24	16.35	16.63	16.37		
20	64QAM	50	50	16.35	16.46	16.47		
20	64QAM	100	0	16.18	16.52	16.46		
20	256QAM	1	0	16.46	16.26	16.43	18	0
20	256QAM	1	49	16.41	16.57	16.46		
20	256QAM	1	99	16.31	16.48	16.50		
20	256QAM	50	0	16.33	16.57	16.50	18	0
20	256QAM	50	24	16.34	16.30	16.30		
20	256QAM	50	50	16.45	16.59	16.45		
20	256QAM	100	0	16.19	16.62	16.19		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.45	16.36	16.48	18	0
15	QPSK	1	37	16.31	16.55	16.31		
15	QPSK	1	74	16.37	16.49	16.47		
15	QPSK	36	0	16.41	16.53	16.47	18	0
15	QPSK	36	20	16.56	16.33	16.38		
15	QPSK	36	39	16.31	16.52	16.42		
15	QPSK	75	0	16.63	16.41	16.49		
15	16QAM	1	0	16.34	16.46	16.61	18	0
15	16QAM	1	37	16.33	16.50	16.51		
15	16QAM	1	74	16.28	16.35	16.44		
15	16QAM	36	0	16.37	16.51	16.39	18	0
15	16QAM	36	20	16.31	16.22	16.18		
15	16QAM	36	39	16.31	16.31	16.40		
15	16QAM	75	0	16.60	16.40	16.35		
15	64QAM	1	0	16.22	16.35	16.34	18	0
15	64QAM	1	37	16.27	16.18	16.21		
15	64QAM	1	74	16.36	16.32	16.15		
15	64QAM	36	0	16.49	16.24	16.17	18	0
15	64QAM	36	20	16.48	16.31	16.44		
15	64QAM	36	39	16.20	16.20	16.29		
15	64QAM	75	0	16.17	16.24	16.44		
15	256QAM	1	0	16.31	16.23	16.19	18	0
15	256QAM	1	37	16.07	16.46	16.34		
15	256QAM	1	74	16.30	16.35	16.13		
15	256QAM	36	0	16.44	16.27	16.30	18	0
15	256QAM	36	20	16.15	16.44	16.34		
15	256QAM	36	39	16.20	16.25	16.19		
15	256QAM	75	0	16.28	16.30	16.06		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.26	16.56	16.52	18	0
10	QPSK	1	25	16.50	16.47	16.34		
10	QPSK	1	49	16.49	16.20	16.55		
10	QPSK	25	0	16.32	16.47	16.46	18	0
10	QPSK	25	12	16.50	16.25	16.45		
10	QPSK	25	25	16.15	16.42	16.27		
10	QPSK	50	0	16.54	16.49	16.31		
10	16QAM	1	0	16.55	16.51	16.40	18	0
10	16QAM	1	25	16.32	16.54	16.45		
10	16QAM	1	49	16.30	16.22	16.37		
10	16QAM	25	0	16.47	16.54	16.29	18	0
10	16QAM	25	12	16.19	16.26	16.40		
10	16QAM	25	25	16.25	16.34	16.08		
10	16QAM	50	0	16.47	16.69	16.32		
10	64QAM	1	0	16.43	16.33	16.29	18	0
10	64QAM	1	25	16.45	16.46	16.32		
10	64QAM	1	49	16.25	16.46	16.14		
10	64QAM	25	0	16.49	16.49	16.37	18	0
10	64QAM	25	12	16.45	16.36	16.21		
10	64QAM	25	25	16.26	16.28	16.21		
10	64QAM	50	0	16.21	16.47	16.32		
10	256QAM	1	0	16.28	16.29	16.20	18	0
10	256QAM	1	25	16.19	16.21	16.31		
10	256QAM	1	49	16.29	16.12	16.04		
10	256QAM	25	0	16.13	16.62	16.36	18	0
10	256QAM	25	12	16.12	16.28	16.12		
10	256QAM	25	25	16.34	16.33	16.26		
10	256QAM	50	0	16.05	16.44	16.38		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.63	16.48	16.70	18	0
5	QPSK	1	12	16.25	16.30	16.35		
5	QPSK	1	24	16.35	16.59	16.26		
5	QPSK	12	0	16.35	16.44	16.45	18	0
5	QPSK	12	7	16.30	16.29	16.33		
5	QPSK	12	13	16.26	16.58	16.12		
5	QPSK	25	0	16.41	16.55	16.44		
5	16QAM	1	0	16.44	16.39	16.44	18	0
5	16QAM	1	12	16.18	16.47	16.45		
5	16QAM	1	24	16.43	16.24	16.37		
5	16QAM	12	0	16.24	16.29	16.32	18	0
5	16QAM	12	7	16.33	16.53	16.40		
5	16QAM	12	13	16.35	16.45	16.30		
5	16QAM	25	0	16.64	16.41	16.48		
5	64QAM	1	0	16.24	16.47	16.40	18	0
5	64QAM	1	12	16.15	16.25	16.35		
5	64QAM	1	24	16.13	16.31	16.15		
5	64QAM	12	0	16.23	16.37	16.24	18	0
5	64QAM	12	7	16.50	16.35	16.17		
5	64QAM	12	13	16.29	16.42	16.33		
5	64QAM	25	0	16.40	16.10	16.14		
5	256QAM	1	0	16.06	16.16	16.20	18	0
5	256QAM	1	12	16.29	16.38	16.10		
5	256QAM	1	24	16.19	16.16	16.38		
5	256QAM	12	0	16.14	16.50	16.43	18	0
5	256QAM	12	7	16.00	16.48	16.18		
5	256QAM	12	13	16.49	16.38	16.21		
5	256QAM	25	0	16.35	16.57	16.20		

Band 41 Ant4 DSI5 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.65	16.59	16.71	16.37	16.45		
20	QPSK	1	49	16.58	16.44	16.68	16.46	16.37	18	0
20	QPSK	1	99	16.50	16.40	16.66	16.56	16.42		
20	QPSK	50	0	16.47	16.43	16.55	16.44	16.25		
20	QPSK	50	24	16.32	16.51	16.53	16.35	16.45	18	0
20	QPSK	50	50	16.33	16.43	16.38	16.34	16.44		
20	QPSK	100	0	16.43	16.33	16.46	16.27	16.30		
20	16QAM	1	0	16.68	16.45	16.66	16.51	16.41		
20	16QAM	1	49	16.37	16.35	16.44	16.42	16.43	18	0
20	16QAM	1	99	16.48	16.31	16.56	16.46	16.34		
20	16QAM	50	0	16.43	16.43	16.43	16.32	16.30		
20	16QAM	50	24	16.50	16.36	16.42	16.32	16.33	18	0
20	16QAM	50	50	16.42	16.30	16.43	16.31	16.40		
20	16QAM	100	0	16.43	16.45	16.53	16.49	16.36		
20	64QAM	1	0	16.47	16.53	16.64	16.51	16.56		
20	64QAM	1	49	16.60	16.38	16.41	16.37	16.41	18	0
20	64QAM	1	99	16.52	16.41	16.33	16.30	16.25		
20	64QAM	50	0	16.49	16.43	16.68	16.39	16.51		
20	64QAM	50	24	16.46	16.39	16.56	16.43	16.39	18	0
20	64QAM	50	50	16.54	16.38	16.57	16.46	16.44		
20	64QAM	100	0	16.47	16.47	16.40	16.43	16.43		
20	256QAM	1	0	16.35	16.34	16.28	16.52	16.33		
20	256QAM	1	49	16.47	16.44	16.67	16.46	16.38	18	0
20	256QAM	1	99	16.32	16.34	16.58	16.34	16.31		
20	256QAM	50	0	16.47	16.53	16.55	16.48	16.59		
20	256QAM	50	24	16.37	16.52	16.43	16.47	16.36	18	0
20	256QAM	50	50	16.43	16.44	16.52	16.43	16.49		
20	256QAM	100	0	16.48	16.43	16.32	16.59	16.34		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.55	16.36	16.49	16.53	16.57		
15	QPSK	1	37	16.61	16.36	16.35	16.51	16.39	18.00	0
15	QPSK	1	74	16.59	16.37	16.58	16.57	16.47		
15	QPSK	36	0	16.54	16.36	16.45	16.45	16.39		
15	QPSK	36	20	16.43	16.39	16.46	16.53	16.50	18	0
15	QPSK	36	39	16.49	16.56	16.61	16.34	16.58		
15	QPSK	75	0	16.45	16.41	16.39	16.26	16.39		
15	16QAM	1	0	16.36	16.48	16.47	16.45	16.46		
15	16QAM	1	37	16.43	16.45	16.35	16.41	16.59	18	0
15	16QAM	1	74	16.35	16.46	16.63	16.43	16.52		
15	16QAM	36	0	16.46	16.38	16.42	16.41	16.39		
15	16QAM	36	20	16.51	16.48	16.39	16.31	16.33	18	0
15	16QAM	36	39	16.45	16.48	16.43	16.42	16.41		
15	16QAM	75	0	16.35	16.45	16.61	16.52	16.37		
15	64QAM	1	0	16.59	16.52	16.40	16.61	16.49		
15	64QAM	1	37	16.55	16.52	16.58	16.54	16.53	18	0
15	64QAM	1	74	16.54	16.27	16.57	16.62	16.43		
15	64QAM	36	0	16.41	16.51	16.35	16.60	16.61		
15	64QAM	36	20	16.40	16.39	16.46	16.51	16.48	18	0
15	64QAM	36	39	16.37	16.53	16.47	16.34	16.49		
15	64QAM	75	0	16.43	16.26	16.45	16.47	16.46		
15	256QAM	1	0	16.28	16.21	16.29	16.36	16.25		
15	256QAM	1	37	16.36	16.26	16.54	16.26	16.33	18	0
15	256QAM	1	74	16.31	16.24	16.39	16.29	16.29		
15	256QAM	36	0	16.41	16.28	16.51	16.35	16.42		
15	256QAM	36	20	16.24	16.29	16.37	16.25	16.25	18	0
15	256QAM	36	39	16.24	16.32	16.38	16.20	16.39		
15	256QAM	75	0	16.32	16.30	16.25	16.40	16.27		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.58	16.45	16.51	16.31	16.49		
10	QPSK	1	25	16.47	16.53	16.57	16.39	16.25	18.00	0
10	QPSK	1	49	16.41	16.52	16.36	16.37	16.31		
10	QPSK	25	0	16.33	16.25	16.57	16.35	16.40		
10	QPSK	25	12	16.40	16.25	16.48	16.39	16.30	18	0
10	QPSK	25	25	16.24	16.24	16.56	16.27	16.36		
10	QPSK	50	0	16.55	16.38	16.58	16.27	16.36		
10	16QAM	1	0	16.50	16.43	16.51	16.37	16.37		
10	16QAM	1	25	16.34	16.25	16.52	16.40	16.44	18	0
10	16QAM	1	49	16.49	16.32	16.43	16.42	16.35		
10	16QAM	25	0	16.36	16.20	16.45	16.27	16.31		
10	16QAM	25	12	16.34	16.28	16.47	16.26	16.29	18	0
10	16QAM	25	25	16.47	16.36	16.36	16.29	16.25		
10	16QAM	50	0	16.62	16.31	16.60	16.32	16.44		
10	64QAM	1	0	16.53	16.45	16.51	16.49	16.54		
10	64QAM	1	25	16.50	16.51	16.51	16.34	16.35	18	0
10	64QAM	1	49	16.42	16.22	16.48	16.38	16.30		
10	64QAM	25	0	16.62	16.42	16.58	16.45	16.28		
10	64QAM	25	12	16.61	16.41	16.53	16.49	16.36	18	0
10	64QAM	25	25	16.52	16.38	16.59	16.27	16.45		
10	64QAM	50	0	16.44	16.28	16.30	16.43	16.27		
10	256QAM	1	0	16.26	16.29	16.26	16.25	16.30		
10	256QAM	1	25	16.22	16.29	16.28	16.25	16.29	18	0
10	256QAM	1	49	16.20	16.32	16.28	16.32	16.27		
10	256QAM	25	0	16.28	16.28	16.39	16.25	16.26		
10	256QAM	25	12	16.27	16.20	16.32	16.27	16.29	18	0
10	256QAM	25	25	16.30	16.28	16.38	16.27	16.22		
10	256QAM	50	0	16.24	16.29	16.30	16.31	16.29		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.38	16.25	16.63	16.29	16.29		
5	QPSK	1	12	16.40	16.45	16.52	16.28	16.27	18.00	0
5	QPSK	1	24	16.28	16.38	16.32	16.32	16.24		
5	QPSK	12	0	16.23	16.38	16.31	16.20	16.26		
5	QPSK	12	7	16.21	16.23	16.42	16.35	16.21	18	0
5	QPSK	12	13	16.35	16.21	16.28	16.27	16.30		
5	QPSK	25	0	16.31	16.27	16.32	16.29	16.33		
5	16QAM	1	0	16.38	16.49	16.49	16.46	16.33		
5	16QAM	1	12	16.35	16.26	16.48	16.23	16.26	18	0
5	16QAM	1	24	16.23	16.30	16.36	16.46	16.22		
5	16QAM	12	0	16.24	16.29	16.35	16.36	16.25		
5	16QAM	12	7	16.30	16.27	16.38	16.33	16.29	18	0
5	16QAM	12	13	16.39	16.24	16.28	16.23	16.29		
5	16QAM	25	0	16.36	16.32	16.25	16.22	16.28		
5	64QAM	1	0	16.56	16.39	16.39	16.38	16.29		
5	64QAM	1	12	16.36	16.28	16.38	16.29	16.37	18	0
5	64QAM	1	24	16.35	16.29	16.32	16.26	16.25		
5	64QAM	12	0	16.31	16.40	16.53	16.26	16.20		
5	64QAM	12	7	16.35	16.25	16.35	16.28	16.26	18	0
5	64QAM	12	13	16.22	16.34	16.42	16.33	16.25		
5	64QAM	25	0	16.41	16.28	16.45	16.27	16.28		
5	256QAM	1	0	16.21	16.25	16.30	16.24	16.21		
5	256QAM	1	12	16.27	16.27	16.29	16.27	16.28	18	0
5	256QAM	1	24	16.28	16.24	16.24	16.26	16.29		
5	256QAM	12	0	16.28	16.22	16.21	16.33	16.24		
5	256QAM	12	7	16.30	16.27	16.29	16.27	16.26	18	0
5	256QAM	12	13	16.28	16.27	16.26	16.21	16.29		
5	256QAM	25	0	16.33	16.26	16.22	16.29	16.24		

Band 4 Ant5 DSI5 for ULCA

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.88	16.18	15.94		
20	QPSK	1	49	15.76	15.91	15.79	17	0
20	QPSK	1	99	15.79	15.95	15.75		
20	QPSK	50	0	15.84	16.15	15.89		
20	QPSK	50	24	16.03	15.99	16.00	17	0
20	QPSK	50	50	15.89	16.07	15.84		
20	QPSK	100	0	15.79	16.05	15.71		
20	16QAM	1	0	15.73	15.89	15.78		
20	16QAM	1	49	15.71	15.82	15.75	17	0
20	16QAM	1	99	15.76	15.85	15.74		
20	16QAM	50	0	15.86	15.95	15.84		
20	16QAM	50	24	15.77	15.80	15.86	17	0
20	16QAM	50	50	15.76	15.89	15.80		
20	16QAM	100	0	15.82	15.87	15.84		
20	64QAM	1	0	15.73	15.94	15.89		
20	64QAM	1	49	15.74	15.90	15.82	17	0
20	64QAM	1	99	15.76	15.93	15.90		
20	64QAM	50	0	15.70	15.89	15.73		
20	64QAM	50	24	15.86	15.99	15.89	17	0
20	64QAM	50	50	15.77	15.81	15.68		
20	64QAM	100	0	15.80	15.89	15.70		
20	256QAM	1	0	15.85	15.94	15.80		
20	256QAM	1	49	15.80	15.88	15.84	17	0
20	256QAM	1	99	15.78	15.80	15.86		
20	256QAM	50	0	15.71	15.98	15.84		
20	256QAM	50	24	15.85	15.76	15.76	17	0
20	256QAM	50	50	15.74	15.83	15.77		
20	256QAM	100	0	15.79	15.81	15.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.74	16.10	15.89		
15	QPSK	1	37	15.67	15.84	15.69	17	0
15	QPSK	1	74	15.74	15.81	15.68		
15	QPSK	36	0	15.74	16.06	15.75		
15	QPSK	36	20	15.96	15.91	15.89	17	0
15	QPSK	36	39	15.75	15.94	15.78		
15	QPSK	75	0	15.65	15.99	15.65		
15	16QAM	1	0	15.59	15.79	15.68		
15	16QAM	1	37	15.65	15.67	15.63	17	0
15	16QAM	1	74	15.65	15.76	15.67		
15	16QAM	36	0	15.81	15.79	15.72		
15	16QAM	36	20	15.63	15.69	15.75	17	0
15	16QAM	36	39	15.69	15.79	15.71		
15	16QAM	75	0	15.72	15.79	15.73		
15	64QAM	1	0	15.59	15.83	15.77		
15	64QAM	1	37	15.59	15.79	15.70	17	0
15	64QAM	1	74	15.65	15.80	15.78		
15	64QAM	36	0	15.56	15.79	15.68		
15	64QAM	36	20	15.76	15.91	15.81	17	0
15	64QAM	36	39	15.63	15.70	15.60		
15	64QAM	75	0	15.66	15.76	15.62		
15	256QAM	1	0	15.76	15.85	15.74		
15	256QAM	1	37	15.67	15.74	15.76	17	0
15	256QAM	1	74	15.64	15.74	15.78		
15	256QAM	36	0	15.64	15.92	15.76		
15	256QAM	36	20	15.71	15.67	15.66	17	0
15	256QAM	36	39	15.69	15.69	15.65		
15	256QAM	75	0	15.68	15.70	15.78		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.75	16.10	15.84		
10	QPSK	1	25	15.70	15.80	15.70	17	0
10	QPSK	1	49	15.71	15.86	15.62		
10	QPSK	25	0	15.76	16.05	15.83		
10	QPSK	25	12	15.94	15.89	15.91	17	0
10	QPSK	25	25	15.76	15.97	15.71		
10	QPSK	50	0	15.70	15.96	15.58		
10	16QAM	1	0	15.61	15.80	15.67		
10	16QAM	1	25	15.57	15.70	15.63	17	0
10	16QAM	1	49	15.67	15.72	15.67		
10	16QAM	25	0	15.76	15.77	15.73		
10	16QAM	25	12	15.69	15.67	15.78	17	0
10	16QAM	25	25	15.63	15.77	15.74		
10	16QAM	50	0	15.75	15.74	15.71		
10	64QAM	1	0	15.65	15.83	15.72		
10	64QAM	1	25	15.61	15.78	15.74	17	0
10	64QAM	1	49	15.66	15.87	15.77		
10	64QAM	25	0	15.64	15.76	15.63		
10	64QAM	25	12	15.71	15.91	15.79	17	0
10	64QAM	25	25	15.67	15.69	15.61		
10	64QAM	50	0	15.74	15.83	15.55		
10	256QAM	1	0	15.77	15.82	15.70		
10	256QAM	1	25	15.65	15.78	15.73	17	0
10	256QAM	1	49	15.64	15.69	15.74		
10	256QAM	25	0	15.62	15.92	15.73		
10	256QAM	25	12	15.74	15.70	15.66	17	0
10	256QAM	25	25	15.66	15.69	15.66		
10	256QAM	50	0	15.66	15.73	15.73		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.74	16.11	15.83		
5	QPSK	1	12	15.69	15.78	15.68	17	0
5	QPSK	1	24	15.69	15.80	15.70		
5	QPSK	12	0	15.69	16.08	15.78		
5	QPSK	12	7	15.91	15.87	15.89	17	0
5	QPSK	12	13	15.77	15.99	15.71		
5	QPSK	25	0	15.68	15.97	15.57		
5	16QAM	1	0	15.58	15.80	15.68		
5	16QAM	1	12	15.63	15.69	15.69	17	0
5	16QAM	1	24	15.66	15.78	15.69		
5	16QAM	12	0	15.75	15.72	15.76		
5	16QAM	12	7	15.69	15.73	15.81	17	0
5	16QAM	12	13	15.66	15.84	15.68		
5	16QAM	25	0	15.74	15.76	15.78		
5	64QAM	1	0	15.62	15.84	15.74		
5	64QAM	1	12	15.65	15.77	15.68	17	0
5	64QAM	1	24	15.61	15.81	15.83		
5	64QAM	12	0	15.63	15.76	15.61		
5	64QAM	12	7	15.80	15.88	15.78	17	0
5	64QAM	12	13	15.65	15.73	15.56		
5	64QAM	25	0	15.69	15.84	15.62		
5	256QAM	1	0	15.71	15.80	15.69		
5	256QAM	1	12	15.75	15.79	15.74	17	0
5	256QAM	1	24	15.67	15.72	15.72		
5	256QAM	12	0	15.60	15.92	15.71		
5	256QAM	12	7	15.72	15.67	15.67	17	0
5	256QAM	12	13	15.65	15.69	15.67		
5	256QAM	25	0	15.70	15.70	15.79		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.80	16.07	15.79		
3	QPSK	1	8	15.67	15.81	15.67	17	0
3	QPSK	1	14	15.74	15.82	15.68		
3	QPSK	8	0	15.70	16.04	15.80		
3	QPSK	8	4	15.89	15.92	15.90	17	0
3	QPSK	8	7	15.84	15.96	15.72		
3	QPSK	15	0	15.72	15.90	15.56		
3	16QAM	1	0	15.61	15.80	15.64		
3	16QAM	1	8	15.57	15.73	15.63	17	0
3	16QAM	1	14	15.63	15.77	15.62		
3	16QAM	8	0	15.74	15.79	15.77		
3	16QAM	8	4	15.63	15.67	15.79	17	0
3	16QAM	8	7	15.61	15.76	15.72		
3	16QAM	15	0	15.70	15.82	15.70		
3	64QAM	1	0	15.60	15.80	15.75		
3	64QAM	1	8	15.63	15.78	15.72	17	0
3	64QAM	1	14	15.63	15.87	15.76		
3	64QAM	8	0	15.62	15.81	15.61		
3	64QAM	8	4	15.76	15.93	15.74	17	0
3	64QAM	8	7	15.70	15.68	15.56		
3	64QAM	15	0	15.74	15.80	15.63		
3	256QAM	1	0	15.70	15.83	15.68		
3	256QAM	1	8	15.72	15.78	15.79	17	0
3	256QAM	1	14	15.68	15.65	15.77		
3	256QAM	8	0	15.59	15.85	15.79		
3	256QAM	8	4	15.73	15.63	15.67	17	0
3	256QAM	8	7	15.68	15.71	15.70		
3	256QAM	15	0	15.73	15.68	15.72		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.56	15.88	15.73		
1.4	QPSK	1	3	15.58	15.68	15.69		
1.4	QPSK	1	5	15.55	15.77	15.62	17	0
1.4	QPSK	3	0	15.75	15.77	15.65		
1.4	QPSK	3	1	15.62	15.61	15.56		
1.4	QPSK	3	3	15.55	15.72	15.47		
1.4	QPSK	6	0	15.60	15.63	15.55	17	0
1.4	16QAM	1	0	15.52	15.63	15.59		
1.4	16QAM	1	3	15.56	15.63	15.54		
1.4	16QAM	1	5	15.64	15.61	15.56	17	0
1.4	16QAM	3	0	15.72	15.65	15.58		
1.4	16QAM	3	1	15.51	15.64	15.66		
1.4	16QAM	3	3	15.56	15.70	15.55		
1.4	16QAM	6	0	15.70	15.66	15.53	17	0
1.4	64QAM	1	0	15.58	15.72	15.73		
1.4	64QAM	1	3	15.55	15.69	15.61		
1.4	64QAM	1	5	15.53	15.75	15.68	17	0
1.4	64QAM	3	0	15.52	15.73	15.66		
1.4	64QAM	3	1	15.58	15.78	15.74		
1.4	64QAM	3	3	15.64	15.71	15.59		
1.4	64QAM	6	0	15.61	15.70	15.60	17	0
1.4	256QAM	1	0	15.66	15.80	15.58		
1.4	256QAM	1	3	15.59	15.75	15.52		
1.4	256QAM	1	5	15.61	15.50	15.62	17	0
1.4	256QAM	3	0	15.50	15.68	15.62		
1.4	256QAM	3	1	15.55	15.57	15.66		
1.4	256QAM	3	3	15.58	15.61	15.67		
1.4	256QAM	6	0	15.50	15.64	15.70	17	0

Band 7 Ant5 DSI5 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.44	16.58	16.53		
20	QPSK	1	49	16.39	16.39	16.31	17	0
20	QPSK	1	99	16.18	16.44	16.36		
20	QPSK	50	0	16.54	16.56	16.31		
20	QPSK	50	24	16.37	16.36	16.34	17	0
20	QPSK	50	50	16.31	16.22	16.22		
20	QPSK	100	0	16.16	16.34	16.31		
20	16QAM	1	0	16.34	16.32	16.35		
20	16QAM	1	49	16.21	16.43	16.43	17	0
20	16QAM	1	99	16.33	16.44	16.14		
20	16QAM	50	0	16.18	16.40	16.26		
20	16QAM	50	24	16.21	16.39	16.32	17	0
20	16QAM	50	50	16.21	16.23	16.27		
20	16QAM	100	0	16.27	16.39	16.18		
20	64QAM	1	0	16.25	16.38	16.20		
20	64QAM	1	49	16.38	16.48	16.30	17	0
20	64QAM	1	99	16.36	16.30	16.38		
20	64QAM	50	0	16.31	16.27	16.35		
20	64QAM	50	24	16.41	16.31	16.25	17	0
20	64QAM	50	50	16.26	16.35	16.28		
20	64QAM	100	0	16.32	16.42	16.38		
20	256QAM	1	0	16.27	16.39	16.34		
20	256QAM	1	49	16.28	16.44	16.39	17	0
20	256QAM	1	99	16.45	16.28	16.46		
20	256QAM	50	0	16.27	16.48	16.35		
20	256QAM	50	24	16.17	16.46	16.24	17	0
20	256QAM	50	50	16.42	16.36	16.20		
20	256QAM	100	0	16.19	16.26	16.39		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.20	16.43	16.40		
15	QPSK	1	37	16.38	16.17	16.44	17	0
15	QPSK	1	74	16.22	16.17	16.07		
15	QPSK	36	0	16.41	16.34	16.23		
15	QPSK	36	20	16.14	16.45	16.06	17	0
15	QPSK	36	39	16.11	16.10	16.06		
15	QPSK	75	0	16.18	16.22	16.10		
15	16QAM	1	0	16.24	16.30	16.17		
15	16QAM	1	37	16.20	16.39	16.23	17	0
15	16QAM	1	74	16.32	16.35	16.11		
15	16QAM	36	0	16.22	16.35	16.25		
15	16QAM	36	20	16.27	16.20	16.17	17	0
15	16QAM	36	39	16.16	16.37	16.28		
15	16QAM	75	0	16.26	16.10	16.11		
15	64QAM	1	0	16.08	16.25	16.05		
15	64QAM	1	37	16.41	16.32	16.29	17	0
15	64QAM	1	74	16.23	16.32	16.13		
15	64QAM	36	0	16.10	16.36	16.33		
15	64QAM	36	20	16.32	16.40	16.33	17	0
15	64QAM	36	39	16.16	16.26	16.13		
15	64QAM	75	0	16.20	16.44	16.34		
15	256QAM	1	0	16.15	16.30	16.37		
15	256QAM	1	37	16.20	16.27	16.39	17	0
15	256QAM	1	74	16.31	16.35	16.27		
15	256QAM	36	0	16.21	16.35	16.38		
15	256QAM	36	20	16.12	16.34	16.33	17	0
15	256QAM	36	39	16.17	16.35	16.27		
15	256QAM	75	0	16.28	16.26	16.26		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.30	16.44	16.31		
10	QPSK	1	25	16.25	16.29	16.22	17	0
10	QPSK	1	49	16.15	16.12	16.09		
10	QPSK	25	0	16.18	16.40	16.12		
10	QPSK	25	12	16.28	16.36	16.25	17	0
10	QPSK	25	25	16.17	16.19	16.15		
10	QPSK	50	0	16.27	16.28	15.97		
10	16QAM	1	0	16.14	16.30	16.13		
10	16QAM	1	25	16.19	16.35	16.24	17	0
10	16QAM	1	49	16.26	16.29	16.08		
10	16QAM	25	0	16.26	16.16	16.18		
10	16QAM	25	12	16.25	16.14	16.15	17	0
10	16QAM	25	25	16.33	16.24	16.07		
10	16QAM	50	0	16.12	16.42	16.19		
10	64QAM	1	0	15.99	16.24	16.04		
10	64QAM	1	25	16.17	16.43	16.29	17	0
10	64QAM	1	49	16.13	16.20	16.36		
10	64QAM	25	0	16.19	16.31	16.17		
10	64QAM	25	12	16.27	16.23	16.21	17	0
10	64QAM	25	25	16.13	16.34	16.32		
10	64QAM	50	0	16.17	16.27	16.28		
10	256QAM	1	0	16.21	16.36	16.17		
10	256QAM	1	25	16.16	16.43	16.22	17	0
10	256QAM	1	49	16.33	16.35	16.28		
10	256QAM	25	0	16.27	16.33	16.18		
10	256QAM	25	12	16.25	16.39	16.32	17	0
10	256QAM	25	25	16.38	16.24	16.18		
10	256QAM	50	0	16.18	16.42	16.33		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.33	16.43	16.45		
5	QPSK	1	12	16.35	16.26	16.12	17	0
5	QPSK	1	24	16.19	16.19	16.20		
5	QPSK	12	0	16.34	16.48	16.27		
5	QPSK	12	7	16.22	16.22	16.09	17	0
5	QPSK	12	13	16.08	16.28	16.06		
5	QPSK	25	0	16.15	16.11	16.06		
5	16QAM	1	0	16.11	16.19	16.23		
5	16QAM	1	12	16.26	16.31	16.26	17	0
5	16QAM	1	24	16.23	16.32	16.17		
5	16QAM	12	0	16.18	16.25	16.16		
5	16QAM	12	7	16.28	16.15	16.10	17	0
5	16QAM	12	13	16.22	16.16	16.13		
5	16QAM	25	0	16.38	16.32	16.05		
5	64QAM	1	0	16.08	16.34	16.14		
5	64QAM	1	12	16.34	16.42	16.29	17	0
5	64QAM	1	24	16.14	16.32	16.19		
5	64QAM	12	0	16.27	16.36	16.20		
5	64QAM	12	7	16.20	16.18	16.14	17	0
5	64QAM	12	13	16.13	16.35	16.25		
5	64QAM	25	0	16.39	16.37	16.21		
5	256QAM	1	0	16.07	16.28	16.20		
5	256QAM	1	12	16.08	16.31	16.22	17	0
5	256QAM	1	24	16.23	16.28	16.43		
5	256QAM	12	0	16.14	16.44	16.20		
5	256QAM	12	7	16.27	16.28	16.24	17	0
5	256QAM	12	13	16.16	16.39	16.06		
5	256QAM	25	0	16.02	16.27	16.28		

Band 66 Ant5 DSI5 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.25	15.30	15.11		
20	QPSK	1	49	15.21	15.16	15.04	16	0
20	QPSK	1	99	15.14	15.09	15.03		
20	QPSK	50	0	15.17	15.21	15.04		
20	QPSK	50	24	15.14	15.03	15.10	16	0
20	QPSK	50	50	15.17	15.01	15.07		
20	QPSK	100	0	15.12	15.19	15.18		
20	16QAM	1	0	15.26	15.14	15.01		
20	16QAM	1	49	15.04	15.09	15.12	16	0
20	16QAM	1	99	15.08	15.16	15.08		
20	16QAM	50	0	15.07	15.09	15.02		
20	16QAM	50	24	15.01	15.24	15.22	16	0
20	16QAM	50	50	15.08	15.21	15.00		
20	16QAM	100	0	15.25	15.19	15.07		
20	64QAM	1	0	15.12	15.24	15.04		
20	64QAM	1	49	15.09	15.25	15.19	16	0
20	64QAM	1	99	15.02	15.04	15.03		
20	64QAM	50	0	15.08	15.05	15.08		
20	64QAM	50	24	15.00	15.25	15.18	16	0
20	64QAM	50	50	15.13	15.24	15.18		
20	64QAM	100	0	15.28	15.19	15.20		
20	256QAM	1	0	15.15	15.24	15.15		
20	256QAM	1	49	15.16	15.16	15.01	16	0
20	256QAM	1	99	15.03	15.11	15.08		
20	256QAM	50	0	15.24	15.24	15.20		
20	256QAM	50	24	15.07	15.25	15.07	16	0
20	256QAM	50	50	15.12	15.08	15.08		
20	256QAM	100	0	15.24	15.20	15.29		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.08	15.20	15.12		
15	QPSK	1	37	15.02	15.19	15.08	16	0
15	QPSK	1	74	15.04	15.15	15.10		
15	QPSK	36	0	15.13	15.03	15.15		
15	QPSK	36	20	15.08	15.04	15.04	16	0
15	QPSK	36	39	15.15	15.11	15.01		
15	QPSK	75	0	15.18	15.08	15.24		
15	16QAM	1	0	15.22	15.15	15.28		
15	16QAM	1	37	15.15	15.22	15.23	16	0
15	16QAM	1	74	15.08	15.06	15.19		
15	16QAM	36	0	15.11	15.14	15.01		
15	16QAM	36	20	15.05	15.29	15.09	16	0
15	16QAM	36	39	15.12	15.06	15.08		
15	16QAM	75	0	15.02	15.08	15.19		
15	64QAM	1	0	15.08	15.24	15.15		
15	64QAM	1	37	15.11	15.14	15.12	16	0
15	64QAM	1	74	15.03	15.07	15.07		
15	64QAM	36	0	15.03	15.11	15.03		
15	64QAM	36	20	15.04	15.22	15.13	16	0
15	64QAM	36	39	15.23	15.21	15.10		
15	64QAM	75	0	15.15	15.26	15.23		
15	256QAM	1	0	15.07	15.21	15.17		
15	256QAM	1	37	15.09	15.06	15.13	16	0
15	256QAM	1	74	15.12	15.08	15.14		
15	256QAM	36	0	15.10	15.16	15.25		
15	256QAM	36	20	15.03	15.11	15.00	16	0
15	256QAM	36	39	15.09	15.14	15.08		
15	256QAM	75	0	15.18	15.25	15.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.12	15.20	15.21		
10	QPSK	1	25	15.08	15.29	15.09	16	0
10	QPSK	1	49	15.10	15.14	15.12		
10	QPSK	25	0	15.04	15.07	15.13		
10	QPSK	25	12	15.12	15.24	15.00	16	0
10	QPSK	25	25	15.21	15.04	15.21		
10	QPSK	50	0	15.05	15.23	15.09		
10	16QAM	1	0	15.29	15.21	15.08		
10	16QAM	1	25	15.14	15.15	15.05	16	0
10	16QAM	1	49	15.28	15.16	15.12		
10	16QAM	25	0	15.08	15.25	15.06		
10	16QAM	25	12	15.02	15.14	15.11	16	0
10	16QAM	25	25	15.10	15.11	15.03		
10	16QAM	50	0	15.20	15.20	15.20		
10	64QAM	1	0	15.14	15.21	15.22		
10

Band 38 Ant5 DSI5 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.88	20.95	20.84	21.5	0
20	QPSK	1	49	20.80	20.84	20.73		
20	QPSK	1	99	20.69	20.82	20.85		
20	QPSK	50	0	20.76	20.83	20.71	21.5	0
20	QPSK	50	24	20.69	20.73	20.61		
20	QPSK	50	50	20.56	20.67	20.77		
20	QPSK	100	0	20.80	20.87	20.76		
20	16QAM	1	0	20.82	20.88	20.71	21.5	0
20	16QAM	1	49	20.73	20.75	20.67		
20	16QAM	1	99	20.60	20.70	20.76		
20	16QAM	50	0	20.61	20.72	20.58	21.5	0
20	16QAM	50	24	20.55	20.59	20.47		
20	16QAM	50	50	20.49	20.60	20.71		
20	16QAM	100	0	20.70	20.81	20.65		
20	64QAM	1	0	20.81	20.89	20.75	21.5	0
20	64QAM	1	49	20.69	20.70	20.58		
20	64QAM	1	99	20.64	20.72	20.76		
20	64QAM	50	0	20.62	20.71	20.58	21.5	0
20	64QAM	50	24	20.54	20.61	20.51		
20	64QAM	50	50	20.43	20.59	20.71		
20	64QAM	100	0	20.71	20.82	20.64		
20	256QAM	1	0	18.62	18.77	18.74	19.5	2
20	256QAM	1	49	18.69	18.71	18.67		
20	256QAM	1	99	18.63	18.69	18.65		
20	256QAM	50	0	18.61	18.82	18.67	19.5	2
20	256QAM	50	24	18.69	18.71	18.70		
20	256QAM	50	50	18.60	18.78	18.64		
20	256QAM	100	0	18.64	18.74	18.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.79	20.84	20.72	21.5	0
15	QPSK	1	37	20.70	20.70	20.65		
15	QPSK	1	74	20.57	20.68	20.73		
15	QPSK	36	0	20.62	20.71	20.59	21.5	0
15	QPSK	36	20	20.60	20.59	20.50		
15	QPSK	36	39	20.49	20.58	20.66		
15	QPSK	75	0	20.75	20.80	20.67		
15	16QAM	1	0	20.72	20.74	20.57	21.5	0
15	16QAM	1	37	20.61	20.65	20.56		
15	16QAM	1	74	20.53	20.57	20.68		
15	16QAM	36	0	20.51	20.58	20.44	21.5	0
15	16QAM	36	20	20.49	20.46	20.34		
15	16QAM	36	39	20.42	20.49	20.63		
15	16QAM	75	0	20.60	20.66	20.54		
15	64QAM	1	0	20.73	20.75	20.68	21.5	0
15	64QAM	1	37	20.61	20.63	20.45		
15	64QAM	1	74	20.53	20.62	20.62		
15	64QAM	36	0	20.50	20.57	20.46	21.5	0
15	64QAM	36	20	20.45	20.47	20.41		
15	64QAM	36	39	20.34	20.51	20.56		
15	64QAM	75	0	20.63	20.72	20.57		
15	256QAM	1	0	18.49	18.71	18.63	19.5	2
15	256QAM	1	37	18.61	18.60	18.57		
15	256QAM	1	74	18.59	18.56	18.60		
15	256QAM	36	0	18.50	18.73	18.52	19.5	2
15	256QAM	36	20	18.57	18.63	18.59		
15	256QAM	36	39	18.47	18.72	18.53		
15	256QAM	75	0	18.49	18.62	18.58		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.73	20.80	20.74	21.5	0
10	QPSK	1	25	20.69	20.74	20.66		
10	QPSK	1	49	20.57	20.69	20.76		
10	QPSK	25	0	20.66	20.71	20.63	21.5	0
10	QPSK	25	12	20.56	20.60	20.54		
10	QPSK	25	25	20.48	20.58	20.70		
10	QPSK	50	0	20.73	20.73	20.70		
10	16QAM	1	0	20.76	20.77	20.63	21.5	0
10	16QAM	1	25	20.65	20.63	20.54		
10	16QAM	1	49	20.46	20.58	20.62		
10	16QAM	25	0	20.52	20.64	20.43	21.5	0
10	16QAM	25	12	20.50	20.46	20.36		
10	16QAM	25	25	20.43	20.53	20.58		
10	16QAM	50	0	20.64	20.73	20.53		
10	64QAM	1	0	20.73	20.79	20.63	21.5	0
10	64QAM	1	25	20.63	20.61	20.51		
10	64QAM	1	49	20.59	20.57	20.69		
10	64QAM	25	0	20.50	20.62	20.50	21.5	0
10	64QAM	25	12	20.44	20.48	20.44		
10	64QAM	25	25	20.34	20.48	20.57		
10	64QAM	50	0	20.66	20.72	20.52		
10	256QAM	1	0	18.53	18.68	18.69	19.5	2
10	256QAM	1	25	18.61	18.57	18.62		
10	256QAM	1	49	18.53	18.58	18.55		
10	256QAM	25	0	18.47	18.75	18.59	19.5	2
10	256QAM	25	12	18.63	18.65	18.61		
10	256QAM	25	25	18.47	18.64	18.59		
10	256QAM	50	0	18.58	18.69	18.59		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.75	20.85	20.71	21.5	0
5	QPSK	1	12	20.71	20.73	20.61		
5	QPSK	1	24	20.55	20.74	20.76		
5	QPSK	12	0	20.64	20.73	20.58	21.5	0
5	QPSK	12	7	20.61	20.65	20.51		
5	QPSK	12	13	20.45	20.57	20.72		
5	QPSK	25	0	20.73	20.78	20.67		
5	16QAM	1	0	20.75	20.83	20.62	21.5	0
5	16QAM	1	12	20.61	20.64	20.56		
5	16QAM	1	24	20.52	20.55	20.70		
5	16QAM	12	0	20.56	20.66	20.48	21.5	0
5	16QAM	12	7	20.46	20.46	20.42		
5	16QAM	12	13	20.37	20.49	20.56		
5	16QAM	25	0	20.64	20.71	20.55		
5	64QAM	1	0	20.70	20.78	20.65	21.5	0
5	64QAM	1	12	20.60	20.60	20.48		
5	64QAM	1	24	20.57	20.62	20.67		
5	64QAM	12	0	20.55	20.63	20.52	21.5	0
5	64QAM	12	7	20.48	20.52	20.37		
5	64QAM	12	13	20.31	20.48	20.65		
5	64QAM	25	0	20.59	20.76	20.52		
5	256QAM	1	0	18.52	18.66	18.66	19.5	2
5	256QAM	1	12	18.55	18.61	18.53		
5	256QAM	1	24	18.49	18.54	18.61		
5	256QAM	12	0	18.47	18.72	18.57	19.5	2
5	256QAM	12	7	18.57	18.58	18.56		
5	256QAM	12	13	18.54	18.65	18.58		
5	256QAM	25	0	18.58	18.64	18.55		

Uplink CA Power

Ant0 Full Power

CA_7C								
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	22.17	24.00
21100	21298	QPSK	1	99	1	0	22.00	24.00
21350	21152	QPSK	1	0	1	99	22.03	24.00

Ant0 Full Power&DSI1

CA_38C								
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	21.57	23.50
37901	38099	QPSK	1	99	1	0	21.59	23.50
38150	37952	QPSK	1	0	1	99	21.52	23.50

Ant3 Full Power

CA_7C								
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	23.91	25.50
21100	21298	QPSK	1	99	1	0	23.84	25.50
21350	21152	QPSK	1	0	1	99	23.87	25.50

Ant3 Full Power&DSI1

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	23.58	25.50
37901	38099	QPSK	1	99	1	0	23.62	25.50
38150	37952	QPSK	1	0	1	99	23.55	25.50

Ant4 Full Power

CA_7C								
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	23.10	25.00
21100	21298	QPSK	1	99	1	0	23.12	25.00
21350	21152	QPSK	1	0	1	99	23.11	25.00

Ant4 Full Power

CA_38C								
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	22.21	24.00
37901	38099	QPSK	1	99	1	0	22.25	24.00
38150	37952	QPSK	1	0	1	99	22.26	24.00

Ant5 Full Power

CA_7C								
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	22.87	24.50
21100	21298	QPSK	1	99	1	0	23.12	24.50
21350	21152	QPSK	1	0	1	99	22.93	24.50

Ant5 Full Power

CA_38C								
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	22.87	24.50
37901	38099	QPSK	1	99	1	0	22.94	24.50
38150	37952	QPSK	1	0	1	99	22.86	24.50

Ant3 DSI3&5

CA_7C								
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	22.21	23.00
21100	21298	QPSK	1	99	1	0	22.26	23.00
21350	21152	QPSK	1	0	1	99	22.14	23.00

Ant4 DSI1&5

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	18.12	19.50
21100	21298	QPSK	1	99	1	0	18.17	19.50
21350	21152	QPSK	1	0	1	99	18.09	19.50

Ant4 DSI5

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	20.42	22.00
37901	38099	QPSK	1	99	1	0	20.50	22.00
38150	37952	QPSK	1	0	1	99	20.41	22.00

Ant4 DSI3&4

CA_7C								
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	21.58	23.00
21100	21298	QPSK	1	99	1	0	21.60	23.00
21350	21152	QPSK	1	0	1	99	21.52	23.00

Ant4 DSI1

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	20.92	22.50
37901	38099	QPSK	1	99	1	0	21.00	22.50
38150	37952	QPSK	1	0	1	99	20.91	22.50

Ant5 DSI1&5

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	19.18	20.00
21100	21298	QPSK	1	99	1	0	19.20	20.00
21350	21152	QPSK	1	0	1	99	19.22	20.00

Ant5 DSI1&5

CA_38C								
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	21.30	22.00
37901	38099	QPSK	1	99	1	0	21.33	22.00
38150	37952	QPSK	1	0	1	99	21.26	22.00

Ant5 DSI3

CA_7C								
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	21.10	22.00
21100	21298	QPSK	1	99	1	0	21.20	22.00
21350	21152	QPSK	1	0	1	99	21.11	22.00

Downlink CA Power

2CA DL

CA List	PCC									SCC					Power	
	LTE Band	Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_2C	Band 2	Ant3	20M	1880	18900	QPSK	1	0		Band 2	20M	1980	1098		24.49	24.64
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 2	20M	1980	1098		23.37	23.56
CA_2A-2A	Band 2	Ant3	20M	1880	18900	QPSK	1	0		Band 2	5M	1988	1175		24.49	24.64
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 2	5M	1988	1175		23.35	23.56
CA_4A-7A	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.91	23.00
	Band 4	Ant3	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	24.46	24.64
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.72	22.87
	Band 4	Ant5	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	23.87	24.02
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 4	20M	2133	2175	4x4MIMO	22.74	22.84
	Band 7	Ant3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 4	20M	2133	2175	4x4MIMO	24.98	25.10
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 4	20M	2133	2175	4x4MIMO	23.85	23.96
	Band 7	Ant5	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 4	20M	2133	2175	4x4MIMO	23.56	23.75
CA_5A-41A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	24.47	24.55
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	24.17	24.21
CA_38C	Band 38	Ant0	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2600	38048	4x4MIMO	22.56	22.66
	Band 38	Ant3	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2600	38048	4x4MIMO	24.62	24.69
	Band 38	Ant4	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2600	38048	4x4MIMO	23.43	23.55
	Band 38	Ant5	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2600	38048	4x4MIMO	23.86	23.92
CA_41A-42A	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	22.52	22.72
	Band 41	Ant3	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	24.66	24.81
	Band 41	Ant4	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	23.58	23.77
	Band 41	Ant5	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	23.82	24.02
	Band 42	Ant0	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	22.91	23.03
	Band 42	Ant9	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	24.26	24.46
	Band 42	Ant10	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	24.93	25.11
	Band 42	Ant11	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	24.71	24.83
CA_66B	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164	66979	4x4MIMO	22.80	23.02
	Band 66	Ant3	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164	66979	4x4MIMO	24.06	24.17
	Band 66	Ant4	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164	66979	4x4MIMO	22.73	22.90
	Band 66	Ant5	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164	66979	4x4MIMO	23.86	24.05
CA_66C	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2165	66984	4x4MIMO	22.86	23.02
	Band 66	Ant3	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2165	66984	4x4MIMO	24.11	24.17
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2165	66984	4x4MIMO	22.67	22.90
	Band 66	Ant5	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2165	66984	4x4MIMO	23.98	24.05

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_2A-4A-5A	Band 2	Ant3	20M	1880	18900	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 5	10M	881.5	2525		24.54	24.64
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 5	10M	881.5	2525		23.39	23.56
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1960	900		22.84	23.00
	Band 4	Ant3	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1960	900		24.46	24.64
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1960	900		22.74	22.87
	Band 4	Ant5	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1960	900		23.92	24.02
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900		Band 4	20M	2132.5	2175	4x4MIMO	24.44	24.55
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900		Band 4	20M	2132.5	2175	4x4MIMO	24.15	24.21
CA_2A-7C	Band 2	Ant3	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	24.51	24.64
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	23.52	23.56
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 2	20M	1960	900		22.66	22.84
	Band 7	Ant3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 2	20M	1960	900		24.90	25.10
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 2	20M	1960	900		23.81	23.96
	Band 7	Ant5	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 2	20M	1960	900		23.61	23.75
CA_2A-7A-7A	Band 2	Ant3	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	24.52	24.64
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	23.49	23.56
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 2	20M	1960	900		22.65	22.84
	Band 7	Ant3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 2	20M	1960	900		24.92	25.10
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 2	20M	1960	900		23.79	23.96
	Band 7	Ant5	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 2	20M	1960	900		23.69	23.75
CA_2A-7A-66A	Band 2	Ant3	20M	1880	18900	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	24.57	24.64
	Band 2	Ant4	20M	1880	18900	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	23.54	23.56
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900		22.88	23.02
	Band 66	Ant3	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900		23.95	24.17
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900		22.78	22.90
	Band 66	Ant5	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900		23.89	24.05
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		Band 66	20M	2155	66886	4x4MIMO	22.65	22.84
	Band 7	Ant3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		Band 66	20M	2155	66886	4x4MIMO	24.95	25.10
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		Band 66	20M	2155	66886	4x4MIMO	23.82	23.96
	Band 7	Ant5	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		Band 66	20M	2155	66886	4x4MIMO	23.65	23.75
CA_4A-7C	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.89	23.00
	Band 4	Ant3	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	24.51	24.64
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.72	22.87
	Band 4	Ant5	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	23.82	24.02
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	22.74	22.84
	Band 7	Ant3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	25.01	25.10
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	23.87	23.96
	Band 7	Ant5	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	23.54	23.75
CA_5A-7C	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	24.42	24.55
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	24.20	24.21
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 5	10M	881.5	2525		22.73	22.84
	Band 7	Ant3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 5	10M	881.5	2525		25.07	25.10
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 5	10M	881.5	2525		23.82	23.96
	Band 7	Ant5	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 5	10M	881.5	2525		23.56	23.75
CA_5A-7A-7A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2680	3350	4x4MIMO	24.39	24.55
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2680	3350	4x4MIMO	24.08	24.21
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2680	3350	4x4MIMO	Band 5	10M	881.5	2525		22.71	22.84
	Band 7	Ant3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2680	3350	4x4MIMO	Band 5	10M	881.5	2525		24.98	25.10
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2680	3350	4x4MIMO	Band 5	10M	881.5	2525		23.78	23.96
	Band 7	Ant5	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2680	3350	4x4MIMO	Band 5	10M	881.5	2525		23.64	23.75
CA_5A-7A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	24.46	24.55
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	24.17	24.21
	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	22.77	22.84
	Band 7	Ant3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	25.02	25.10
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	23.84	23.96
	Band 7	Ant5	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	23.67	23.75
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 5	10M	881.5	2525		22.84	23.02
	Band 66	Ant3	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 5	10M	881.5	2525		24.07	24.17
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 5	10M	881.5	2525		22.76	22.90
	Band 66	Ant5	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 5	10M	881.5	2525		23.91	24.05
CA_5A-66A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	24.33	24.55
	Band 5	Ant1	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	24.05	24.21
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		22.88	23.02
	Band 66	Ant3	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		24.03	24.17
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		22.79	22.90
	Band 66	Ant5	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		23.81	24.05
CA_7A-66A-66A	Band 7	Ant0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.72	22.84
	Band 7	Ant3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	24.95	25.10
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	23.79	23.96
	Band 7	Ant5	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	23.69	23.75
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.86	23.02
	Band 66	Ant3	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	24.13	24.17
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.75	22.90
	Band 66	Ant5	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	23.83	24.05
CA_12A-66A-66A	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	24.65	24.74
	Band 12	Ant1	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	24.21	24.31
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 12	10M	737.5	5095		22.89	23.02
	Band 66	Ant3	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 12	10M	737.5	5095		24.10	24.17
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 12	10M	737.5	5095		22.77	22.90
	Band 66	Ant5	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 12	10M	737.5	5095		23.89	24.05
CA_41D	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	22.57	22.72
	Band 41	Ant3	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	24.61	24.81
	Band 41	Ant4	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	23.60	23.77
	Band 41	Ant5	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	23.88	24.02
CA_41A-41A-41A	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	22.51	22.72
	Band 41	Ant3	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	24.73	24.81
	Band 41	Ant4	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	23.58	23.77
	Band 41	Ant5	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	23.92	24.02
CA_41A-42C	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	22.55	22.72
	Band 41	Ant3	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	24.67	24.81
	Band 41	Ant4	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	23.59	23.77
	Band 41	Ant5	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	23.88	24.02
	Band 42	Ant0	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	22.83	23.03
	Band 42	Ant9	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	24.27	24.46
	Band 42	Ant10	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	24.98	25.11
	Band 42	Ant11	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	24.71	24.83
CA_41C-42A	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	22.56	22.72
	Band 41	Ant3	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	24.62	24.81
	Band 41	Ant4	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	23.63	23.77
	Band 41	Ant5	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	23.84	24.02
	Band 42	Ant0	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	22.83	23.03
	Band 42	Ant9	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	24.28	24.46
	Band 42	Ant10	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	25.00	25.11
	Band 42	Ant11	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	24.69	24.83

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_41E	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	20M	2652.4	41214	4x4MIMO	22.61	22.72
	Band 41	Ant3	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	24.75	24.81
	Band 41	Ant4	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	23.64	23.77
	Band 41	Ant5	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	23.83	24.02
CA_41C-42C	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	22.56	22.72
	Band 41	Ant3	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	24.72	24.81
	Band 41	Ant4	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	23.65	23.77
	Band 41	Ant5	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	23.84	24.02
	Band 42	Ant0	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	22.94	23.03
	Band 42	Ant9	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	24.32	24.46
	Band 42	Ant10	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	25.03	25.11
	Band 42	Ant11	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	24.71	24.83

Full power mode for 5GNR

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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.79	24.87	24.85		
20	PI/2 BPSK	1	53	24.84	24.89	24.82	25.5	0.0
20	PI/2 BPSK	1	104	24.77	24.79	24.65		
20	PI/2 BPSK	50	0	24.19	24.46	24.25	25.0	0.5
20	PI/2 BPSK	50	28	24.67	24.83	24.71	25.5	0.0
20	PI/2 BPSK	50	56	24.02	24.27	24.12	25.0	0.5
20	PI/2 BPSK	100	0	24.37	24.38	24.28		
20	QPSK	1	1	24.94	24.96	24.85		
20	QPSK	1	53	24.79	24.86	24.70	25.5	0.0
20	QPSK	1	104	24.61	24.79	24.65		
20	QPSK	50	0	23.71	23.73	23.76	24.5	1.0
20	QPSK	50	28	24.82	24.90	24.74	25.5	0.0
20	QPSK	50	56	23.75	23.81	23.73	24.5	1.0
20	QPSK	100	0	23.73	23.95	23.66		
20	16QAM	1	1	23.69	23.88	23.75	24.5	1.0
20	64QAM	1	1	22.32	22.41	22.16	23.0	2.5
20	256QAM	1	1	20.68	20.71	20.55	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.91	24.83	24.80	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.78	24.81	24.77	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.92	24.87	24.81	25.5	0.0

n7 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.35	23.43	23.25		
40	PI/2 BPSK	1	108	23.44	23.40	23.31	24.0	0.0
40	PI/2 BPSK	1	214	23.23	23.30	23.10		
40	PI/2 BPSK	108	0	22.61	22.85	22.90	23.5	0.5
40	PI/2 BPSK	108	54	23.00	23.30	23.03	24.0	0.0
40	PI/2 BPSK	108	108	22.79	22.77	22.69	23.5	0.5
40	PI/2 BPSK	216	0	22.68	22.76	22.64		
40	QPSK	1	1	23.22	23.47	23.35		
40	QPSK	1	108	23.07	23.25	23.24	24.0	0.0
40	QPSK	1	214	23.24	23.11	23.22		
40	QPSK	108	0	22.16	22.31	22.11	23.0	1.0
40	QPSK	108	54	23.02	23.20	22.99	24.0	0.0
40	QPSK	108	108	22.04	22.25	22.18	23.0	1.0
40	QPSK	216	0	22.22	22.26	22.16		
40	16QAM	1	1	22.16	22.11	21.94	23.0	1.0
40	64QAM	1	1	20.44	20.68	20.58	21.5	2.5
40	256QAM	1	1	18.38	18.38	18.42	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.11	23.33	23.22	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	23.18	23.29	23.31	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.10	23.37	23.24	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	23.20	23.39	23.27	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.10	23.30	23.30	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	23.14	23.44	23.30	24.0	0.0

n66 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.81	22.94	22.85		
40	PI/2 BPSK	1	108	22.83	22.91	22.88	23.5	0.0
40	PI/2 BPSK	1	214	22.71	22.92	22.64		
40	PI/2 BPSK	108	0	22.28	22.41	22.19	23.0	0.5
40	PI/2 BPSK	108	54	22.86	23.00	22.85	23.5	0.0
40	PI/2 BPSK	108	108	22.33	22.38	22.30	23.0	0.5
40	PI/2 BPSK	216	0	22.34	22.42	22.24		
40	QPSK	1	1	22.78	23.03	22.97		
40	QPSK	1	108	22.77	22.89	22.74	23.5	0.0
40	QPSK	1	214	22.57	22.73	22.60		
40	QPSK	108	0	21.65	21.84	21.85	22.5	1.0
40	QPSK	108	54	22.94	23.02	22.82	23.5	0.0
40	QPSK	108	108	21.69	21.84	21.77	22.5	1.0
40	QPSK	216	0	21.92	22.06	21.98		
40	16QAM	1	1	21.88	21.94	21.89	22.5	1.0
40	64QAM	1	1	20.36	20.30	20.29	21.0	2.5
40	256QAM	1	1	18.66	18.74	18.74	19.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.67	22.86	22.86	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.74	22.94	22.84	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.67	22.89	22.89	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.72	22.85	22.89	#REF!	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.61	22.97	22.87	23.5	0.0

n38 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.13	23.21	23.19	24.0	0.0
40	PI/2 BPSK	1	53	23.11	23.14	23.10		
40	PI/2 BPSK	1	104	22.91	23.13	22.94		
40	PI/2 BPSK	50	0	22.62	22.66	22.55	23.5	0.5
40	PI/2 BPSK	50	28	23.02	23.22	22.96	24.0	0.0
40	PI/2 BPSK	50	56	22.53	22.59	22.57	23.5	0.5
40	PI/2 BPSK	100	0	22.55	22.79	22.53		
40	QPSK	1	1	23.15	23.24	23.22	24.0	0.0
40	QPSK	1	53	22.93	23.00	22.96		
40	QPSK	1	104	22.92	23.12	22.84		
40	QPSK	50	0	22.98	22.13	22.02	23.0	1.0
40	QPSK	50	28	23.04	23.17	23.03	24.0	0.0
40	QPSK	50	56	22.07	22.12	22.18	23.0	1.0
40	QPSK	100	0	22.17	22.25	22.15		
40	16QAM	1	1	22.00	22.35	22.22	23.0	1.0
40	64QAM	1	1	20.37	20.59	20.39	21.5	2.5
40	256QAM	1	1	18.37	18.32	18.33	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	23.08	23.20	23.12	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.99	23.14	23.16	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	23.11	23.07	23.19	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.98	23.18	23.11	24.0	0.0

n41 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.79	22.93	22.87	24.0	0.0
100	PI/2 BPSK	1	137	22.82	22.85	22.85		
100	PI/2 BPSK	1	271	22.74	22.91	22.80		
100	PI/2 BPSK	135	0	22.35	22.45	22.31	23.5	0.5
100	PI/2 BPSK	135	69	22.79	22.93	22.96	24.0	0.0
100	PI/2 BPSK	135	138	22.34	22.48	22.39	23.5	0.5
100	PI/2 BPSK	270	0	22.31	22.46	22.30		
100	QPSK	1	1	22.88	22.98	22.95	24.0	0.0
100	QPSK	1	137	22.85	22.91	22.89		
100	QPSK	1	271	22.78	22.80	22.76		
100	QPSK	135	0	21.70	21.68	21.52	23.0	1.0
100	QPSK	135	69	22.91	22.93	22.87	24.0	0.0
100	QPSK	135	138	21.84	21.77	21.79	23.0	1.0
100	QPSK	270	0	21.67	21.80	21.61		
100	16QAM	1	1	21.86	22.05	21.93	23.0	1.0
100	64QAM	1	1	20.44	20.37	20.35	21.5	2.5
100	256QAM	1	1	18.32	18.39	18.13	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.70	22.95	22.77	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.71	22.92	22.87	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.71	22.90	22.84	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.76	22.83	22.91	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.81	22.84	22.82	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.72	22.90	22.87	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.71	22.93	22.86	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.77	22.88	22.93	24.0	0.0

PC3 Part27O n77 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.86	22.95	22.90	24.0	0.0
100	PI/2 BPSK	1	137	22.82	22.83	22.78		
100	PI/2 BPSK	1	271	22.81	22.92	22.87		
100	PI/2 BPSK	135	0	22.32	22.44	22.16	23.5	0.5
100	PI/2 BPSK	135	69	22.85	22.89	22.81	24.0	0.0
100	PI/2 BPSK	135	138	21.98	22.18	22.17	23.5	0.5
100	PI/2 BPSK	270	0	22.17	22.28	22.16		
100	QPSK	1	1	22.92	22.99	22.96	24.0	0.0
100	QPSK	1	137	22.90	22.93	22.84		
100	QPSK	1	271	22.81	22.85	22.77		
100	QPSK	135	0	21.77	21.80	21.78	23.0	1.0
100	QPSK	135	69	22.87	22.91	22.82	24.0	0.0
100	QPSK	135	138	21.45	21.65	21.60	23.0	1.0
100	QPSK	270	0	21.61	21.82	21.62		
100	16QAM	1	1	21.65	21.67	21.65	23.0	1.0
100	64QAM	1	1	20.32	20.30	20.09	21.5	2.5
100	256QAM	1	1	18.13	18.20	18.14	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.75	22.87	22.85	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	22.89	22.94	22.93	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.88	22.93	22.85	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	22.85	22.91	22.92	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	22.88	22.81	22.85	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.83	22.86	22.84	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	22.76	22.97	22.92	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	22.87	22.84	22.92	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	22.86	22.96	22.84	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.82	22.83	22.83	24.0	0.0

PC3 Part27Q n77 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.05		24.0	0.0
100	PI/2 BPSK	1	137		22.95			
100	PI/2 BPSK	1	271		22.99			
100	PI/2 BPSK	135	0		22.43		23.5	0.5
100	PI/2 BPSK	135	69		22.92		24.0	0.0
100	PI/2 BPSK	135	138		22.45		23.5	0.5
100	PI/2 BPSK	270	0		22.55			
100	QPSK	1	1		23.09		24.0	0.0
100	QPSK	1	137		23.01			
100	QPSK	1	271		22.91			
100	QPSK	135	0		21.98		23.0	1.0
100	QPSK	135	69		23.06		24.0	0.0
100	QPSK	135	138		21.92		23.0	1.0
100	QPSK	270	0		22.07			
100	16QAM	1	1		21.96		23.0	1.0
100	64QAM	1	1		20.58		21.5	2.5
100	256QAM	1	1		18.49		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.02	22.97	23.07	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.93	23.02	23.03	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.97	22.95	22.92	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.95	22.92	22.93	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.01	23.05	23.05	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.04	22.99	22.94	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.93	22.98	23.01	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.00	22.93	23.02	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.02	22.98	22.99	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.94	23.03	23.05	24.0	0.0

PC3 Part27O n78 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.74		22.0	0.0
100	PI/2 BPSK	1	137		20.70			
100	PI/2 BPSK	1	271		20.63			
100	PI/2 BPSK	135	0		20.62		22.0	0.0
100	PI/2 BPSK	135	69		20.62		22.0	0.0
100	PI/2 BPSK	135	138		20.73		22.0	0.0
100	PI/2 BPSK	270	0		20.64			
100	QPSK	1	1		20.79		22.0	0.0
100	QPSK	1	137		20.63			
100	QPSK	1	271		20.66			
100	QPSK	135	0		20.69		22.0	0.0
100	QPSK	135	69		20.71		22.0	0.0
100	QPSK	135	138		20.60		22.0	0.0
100	QPSK	270	0		20.68			
100	16QAM	1	1		20.70		22.0	0.0
100	64QAM	1	1		19.63		20.5	1.5
100	256QAM	1	1		17.63		18.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.72	20.75	20.64	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.69	20.72	20.73	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.73	20.70	20.71	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.68	20.66	20.65	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.74	20.65	20.68	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.61	20.62	20.62	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.65	20.70	20.69	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.66	20.73	20.76	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.62	20.63	20.64	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.67	20.64	20.69	22.0	0.0

PC2 Part27O n78 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.64		25.0	0.0
100	PI/2 BPSK	1	137		23.53			
100	PI/2 BPSK	1	271		23.52			
100	PI/2 BPSK	135	0		23.08		24.5	0.5
100	PI/2 BPSK	135	69		23.50		25.0	0.0
100	PI/2 BPSK	135	138		22.94		24.5	0.5
100	PI/2 BPSK	270	0		23.06			
100	QPSK	1	1		23.69		25.0	0.0
100	QPSK	1	137		23.55			
100	QPSK	1	271		23.43			
100	QPSK	135	0		23.40		24.0	1.0
100	QPSK	135	69		23.61		25.0	0.0
100	QPSK	135	138		22.53		24.0	1.0
100	QPSK	270	0		22.48			
100	16QAM	1	1		22.41		24.0	1.0
100	64QAM	1	1		20.83		22.5	2.5
100	256QAM	1	1		18.88		20.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.51	23.55	23.53	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.66	23.64	23.59	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.57	23.52	23.55	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.52	23.62	23.55	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.58	23.63	23.60	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.64	23.60	23.56	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.67	23.66	23.61	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.64	23.61	23.65	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.58	23.64	23.52	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.53	23.58	23.63	25.0	0.0

PC3 Part27Q n78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.98		22.0	0.0
100	PI/2 BPSK	1	137		20.88			
100	PI/2 BPSK	1	271		20.93			
100	PI/2 BPSK	135	0		20.92		22.0	0.0
100	PI/2 BPSK	135	69		20.99		22.0	0.0
100	PI/2 BPSK	135	138		20.80		22.0	0.0
100	PI/2 BPSK	270	0		20.82			
100	QPSK	1	1		21.02		22.0	0.0
100	QPSK	1	137		20.92			
100	QPSK	1	271		20.87			
100	QPSK	135	0		20.96		22.0	0.0
100	QPSK	135	69		21.01		22.0	0.0
100	QPSK	135	138		20.92		22.0	0.0
100	QPSK	270	0		20.94			
100	16QAM	1	1		20.87		22.0	0.0
100	64QAM	1	1		19.61		20.5	1.5
100	256QAM	1	1		17.82		18.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.99	20.95	21.00	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.99	20.88	20.98	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.95	21.00	20.97	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.87	20.95	20.99	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.86	20.91	20.86	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.90	20.99	20.93	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.92	20.92	20.95	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.98	20.89	20.93	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.99	20.98	20.92	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.89	20.85	21.00	22.0	0.0

PC2 Part27Q n78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.04		25.0	0.0
100	PI/2 BPSK	1	137		23.90			
100	PI/2 BPSK	1	271		23.89			
100	PI/2 BPSK	135	0		23.48		24.5	0.5
100	PI/2 BPSK	135	69		23.90		25.0	0.0
100	PI/2 BPSK	135	138		23.59		24.5	0.5
100	PI/2 BPSK	270	0		23.54			
100	QPSK	1	1		24.08		25.0	0.0
100	QPSK	1	137		24.02			
100	QPSK	1	271		23.99			
100	QPSK	135	0		22.92		24.0	1.0
100	QPSK	135	69		23.94		25.0	0.0
100	QPSK	135	138		23.07		24.0	1.0
100	QPSK	270	0		23.10			
100	16QAM	1	1		22.82		24.0	1.0
100	64QAM	1	1		21.37		22.5	2.5
100	256QAM	1	1		19.37		20.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.05	24.06	23.96	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.01	23.97	24.02	25.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.00	24.05	24.05	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.02	24.02	24.03	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.96	23.91	24.05	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.92	24.02	24.03	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.00	23.95	23.90	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.06	23.93	23.98	25.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.02	23.99	23.91	25.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.91	24.06	23.91	25.0	0.0

n5 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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.25	24.31	24.29	25.0	0.0
20	PI/2 BPSK	1	53	24.34	24.33	24.20		
20	PI/2 BPSK	1	104	23.91	24.13	24.04		
20	PI/2 BPSK	50	0	23.80	23.85	23.72	24.5	0.5
20	PI/2 BPSK	50	28	24.23	24.25	24.18	25.0	0.0
20	PI/2 BPSK	50	56	23.93	23.90	23.72	24.5	0.5
20	PI/2 BPSK	100	0	23.84	24.02	23.79		
20	QPSK	1	1	24.30	24.39	24.36	25.0	0.0
20	QPSK	1	53	23.99	24.11	23.99		
20	QPSK	1	104	24.23	24.25	24.28		
20	QPSK	50	0	23.21	23.31	23.15	24.0	1.0
20	QPSK	50	28	24.27	24.32	24.18	25.0	0.0
20	QPSK	50	56	23.26	23.45	23.37	24.0	1.0
20	QPSK	100	0	23.32	23.53	23.34		
20	16QAM	1	1	23.50	23.58	23.45	24.0	1.0
20	64QAM	1	1	22.04	22.07	21.95	22.5	2.5
20	256QAM	1	1	20.23	20.27	20.16	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.27	24.22	24.24	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.20	24.27	24.32	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.21	24.30	24.20	25.0	0.0

n7 Ant3 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	24.26	24.42	24.39	25.0	0.0
40	PI/2 BPSK	1	108	24.36	24.39	24.35		
40	PI/2 BPSK	1	214	23.21	23.35	23.23		
40	PI/2 BPSK	108	0	23.80	23.91	23.89	24.5	0.5
40	PI/2 BPSK	108	54	24.27	24.34	24.18	25.0	0.0
40	PI/2 BPSK	108	108	23.81	23.93	23.80	24.5	0.5
40	PI/2 BPSK	216	0	23.74	23.88	23.82		
40	QPSK	1	1	24.34	24.47	24.40	25.0	0.0
40	QPSK	1	108	23.32	23.38	23.29		
40	QPSK	1	214	24.18	24.33	24.19		
40	QPSK	108	0	23.32	23.41	23.29	24.0	1.0
40	QPSK	108	54	24.40	24.42	24.29	25.0	0.0
40	QPSK	108	108	23.34	23.40	23.23	24.0	1.0
40	QPSK	216	0	23.29	23.43	23.29		
40	16QAM	1	1	23.35	23.41	23.33	24.0	1.0
40	64QAM	1	1	21.39	21.56	21.53	22.5	2.5
40	256QAM	1	1	19.69	19.71	19.57	20.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.28	24.32	24.27	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.20	24.41	24.34	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.23	24.35	24.28	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.31	24.37	24.27	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.30	24.31	24.33	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.27	24.39	24.23	25.0	0.0

n66 Ant3 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.19	24.35	24.22	25.0	0.0
40	PI/2 BPSK	1	108	24.37	24.33	24.34		
40	PI/2 BPSK	1	214	24.18	24.36	24.31		
40	PI/2 BPSK	108	0	23.75	23.91	23.80	24.5	0.5
40	PI/2 BPSK	108	54	24.22	24.39	24.32	25.0	0.0
40	PI/2 BPSK	108	108	24.03	24.02	23.84	24.5	0.5
40	PI/2 BPSK	216	0	23.81	23.83	23.78		
40	QPSK	1	1	24.39	24.45	24.40	25.0	0.0
40	QPSK	1	108	24.37	24.30	24.30		
40	QPSK	1	214	24.43	24.31	24.41		
40	QPSK	108	0	23.41	23.49	23.26	24.0	1.0
40	QPSK	108	54	24.37	24.40	24.32	25.0	0.0
40	QPSK	108	108	23.32	23.41	23.39	24.0	1.0
40	QPSK	216	0	23.41	23.43	23.35		
40	16QAM	1	1	23.46	23.45	23.23	24.0	1.0
40	64QAM	1	1	21.66	21.78	21.69	22.5	2.5
40	256QAM	1	1	19.83	19.92	19.79	20.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.31	24.33	24.25	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.36	24.30	24.25	25.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.34	24.42	24.30	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.32	24.27	24.37	#REF!	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.21	24.41	24.25	25.0	0.0

n38 Ant3 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	24.42	24.45	24.36	25.0	0.0
40	PI/2 BPSK	1	53	24.28	24.38	24.32		
40	PI/2 BPSK	1	104	24.27	24.30	24.25		
40	PI/2 BPSK	50	0	23.82	23.89	23.81	24.5	0.5
40	PI/2 BPSK	50	28	24.29	24.38	24.27	25.0	0.0
40	PI/2 BPSK	50	56	23.82	23.91	23.80	24.5	0.5
40	PI/2 BPSK	100	0	23.79	23.89	23.78		
40	QPSK	1	1	23.39	24.47	24.36	25.0	0.0
40	QPSK	1	53	24.28	24.41	24.26		
40	QPSK	1	104	24.15	24.25	24.19		
40	QPSK	50	0	23.25	23.41	23.39	24.0	1.0
40	QPSK	50	28	24.17	24.35	24.30	25.0	0.0
40	QPSK	50	56	23.20	23.31	23.20	24.0	1.0
40	QPSK	100	0	23.31	23.35	23.22		
40	16QAM	1	1	23.15	23.32	23.25	24.0	1.0
40	64QAM	1	1	21.63	21.73	21.70	22.5	2.5
40	256QAM	1	1	19.38	19.48	19.37	20.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.25	24.39	24.25	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.30	24.33	24.20	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.33	24.36	24.27	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.26	24.46	24.23	25.0	0.0

n41 Ant3 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	24.25	24.30	24.28	25.0	0.0
100	PI/2 BPSK	1	137	24.07	24.21	24.23		
100	PI/2 BPSK	1	271	24.36	24.24	24.30		
100	PI/2 BPSK	135	0	23.72	23.85	23.70	24.5	0.5
100	PI/2 BPSK	135	69	24.29	24.30	24.35	25.0	0.0
100	PI/2 BPSK	135	138	23.76	23.79	23.79	24.5	0.5
100	PI/2 BPSK	270	0	23.72	23.74	23.75		
100	QPSK	1	1	24.29	24.39	24.35	25.0	0.0
100	QPSK	1	137	24.30	24.31	24.24		
100	QPSK	1	271	24.31	24.37	24.23		
100	QPSK	135	0	23.30	23.38	23.27	24.0	1.0
100	QPSK	135	69	24.18	24.23	24.19	25.0	0.0
100	QPSK	135	138	23.20	23.37	23.31	24.0	1.0
100	QPSK	270	0	23.19	23.31	23.22		
100	16QAM	1	1	23.10	23.12	22.98	24.0	1.0
100	64QAM	1	1	21.45	21.67	21.61	22.5	2.5
100	256QAM	1	1	19.76	19.74	19.82	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.26	24.36	24.21	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	24.22	24.25	24.25	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.20	24.32	24.30	25.0	0.0
Channel				506200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.16	24.34	24.26	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.24	24.22	24.20	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.19	24.25	24.29	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.24	24.30	24.27	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.19	24.32	24.18	25.0	0.0

n7 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	22.91	22.93	22.98	23.5	0.0
40	PI/2 BPSK	1	108	23.02	22.96	22.88		
40	PI/2 BPSK	1	214	22.88	22.82	22.85		
40	PI/2 BPSK	108	0	22.45	22.56	22.51	23.0	0.5
40	PI/2 BPSK	108	54	22.85	22.94	22.86	23.5	0.0
40	PI/2 BPSK	108	108	22.34	22.46	22.35	23.0	0.5
40	PI/2 BPSK	216	0	22.41	22.47	22.43		
40	QPSK	1	1	23.02	23.03	22.99	23.5	0.0
40	QPSK	1	108	22.83	22.96	22.92		
40	QPSK	1	214	22.73	22.81	22.84		
40	QPSK	108	0	22.02	21.98	22.02	22.5	1.0
40	QPSK	108	54	22.84	22.95	22.76	23.5	0.0
40	QPSK	108	108	21.88	21.95	21.87	22.5	1.0
40	QPSK	216	0	22.05	22.11	21.93		
40	16QAM	1	1	22.16	22.10	21.99	22.5	1.0
40	64QAM	1	1	20.03	20.12	20.19	21.0	2.5
40	256QAM	1	1	18.24	18.24	18.15	19.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.92	22.94	22.82	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	22.89	22.95	22.83	23.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.95	22.97	22.82	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	22.86	22.90	22.94	23.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.96	22.91	22.83	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	22.94	22.92	22.96	23.5	0.0

n66 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.74	22.85	22.80	23.5	0.0
40	PI/2 BPSK	1	108	22.72	22.81	22.77		
40	PI/2 BPSK	1	214	22.69	22.78	22.63		
40	PI/2 BPSK	108	0	21.90	21.99	21.99	23.0	0.5
40	PI/2 BPSK	108	54	22.71	22.79	22.76	23.5	0.0
40	PI/2 BPSK	108	108	22.07	22.26	22.23	23.0	0.5
40	PI/2 BPSK	216	0	22.05	22.25	22.10		
40	QPSK	1	1	22.74	22.88	22.87	23.5	0.0
40	QPSK	1	108	22.78	22.86	22.65		
40	QPSK	1	214	22.75	22.81	22.72		
40	QPSK	108	0	21.42	21.55	21.43	22.5	1.0
40	QPSK	108	54	22.55	22.74	22.70	23.5	0.0
40	QPSK	108	108	21.74	21.83	21.75	22.5	1.0
40	QPSK	216	0	21.65	21.89	21.53		
40	16QAM	1	1	21.39	21.47	21.51	22.5	1.0
40	64QAM	1	1	19.47	19.63	19.50	21.0	2.5
40	256QAM	1	1	17.60	17.68	17.42	19.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.67	22.85	22.79	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.70	22.71	22.78	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.68	22.82	22.75	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.67	22.81	22.85	#REF!	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.57	22.72	22.69	23.5	0.0

n38 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.70	22.78	22.63	23.5	0.0
40	PI/2 BPSK	1	53	22.64	22.74	22.70		
40	PI/2 BPSK	1	104	22.59	22.68	22.59		
40	PI/2 BPSK	50	0	22.27	22.29	22.24	23.0	0.5
40	PI/2 BPSK	50	28	22.62	22.73	22.66	23.5	0.0
40	PI/2 BPSK	50	56	22.13	22.27	22.13	23.0	0.5
40	PI/2 BPSK	100	0	22.25	22.30	22.21		
40	QPSK	1	1	22.74	22.84	22.62	23.5	0.0
40	QPSK	1	53	22.68	22.77	22.64		
40	QPSK	1	104	22.58	22.71	22.55		
40	QPSK	50	0	21.74	21.80	21.64	22.5	1.0
40	QPSK	50	28	22.61	22.79	22.61	23.5	0.0
40	QPSK	50	56	21.72	21.76	21.64	22.5	1.0
40	QPSK	100	0	21.73	21.82	21.79		
40	16QAM	1	1	21.91	21.96	21.81	22.5	1.0
40	64QAM	1	1	19.99	20.12	20.06	21.0	2.5
40	256QAM	1	1	17.71	17.83	17.77	19.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.72	22.69	22.59	23.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.60	22.76	22.55	23.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.63	22.82	22.55	23.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.64	22.67	22.53	23.5	0.0

n41 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.60	22.68	22.54	23.5	0.0
100	PI/2 BPSK	1	137	22.43	22.46	22.41		
100	PI/2 BPSK	1	271	22.45	22.58	22.42		
100	PI/2 BPSK	135	0	21.90	22.06	22.00	23.0	0.5
100	PI/2 BPSK	135	69	22.41	22.55	22.50	23.5	0.0
100	PI/2 BPSK	135	138	21.81	21.95	21.79	23.0	0.5
100	PI/2 BPSK	270	0	21.83	22.01	21.86		
100	QPSK	1	1	22.68	22.75	22.61	23.5	0.0
100	QPSK	1	137	22.47	22.50	22.35		
100	QPSK	1	271	22.47	22.59	22.49		
100	QPSK	135	0	21.49	21.54	21.51	22.5	1.0
100	QPSK	135	69	22.35	22.52	22.47	23.5	0.0
100	QPSK	135	138	21.43	21.49	21.46	22.5	1.0
100	QPSK	270	0	21.43	21.52	21.46		
100	16QAM	1	1	21.31	21.42	21.25	22.5	1.0
100	64QAM	1	1	19.93	20.04	19.91	21.0	2.5
100	256QAM	1	1	17.65	17.73	17.61	19.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.64	22.72	22.49	23.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.56	22.63	22.47	23.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.59	22.63	22.49	23.5	0.0
Channel				506200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.58	22.66	22.53	23.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.61	22.68	22.49	23.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.54	22.72	22.56	23.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.50	22.68	22.44	23.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.50	22.65	22.45	23.5	0.0

n7 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.66	23.89	23.86	24.5	0.0
40	PI/2 BPSK	1	108	23.80	23.85	23.87		
40	PI/2 BPSK	1	214	23.70	23.82	23.83		
40	PI/2 BPSK	108	0	23.36	23.45	23.28	24.0	0.5
40	PI/2 BPSK	108	54	23.76	23.86	23.79	24.5	0.0
40	PI/2 BPSK	108	108	23.32	23.39	23.25	24.0	0.5
40	PI/2 BPSK	216	0	23.35	23.48	23.39		
40	QPSK	1	1	23.82	23.94	23.89	24.5	0.0
40	QPSK	1	108	23.78	23.93	23.80		
40	QPSK	1	214	23.91	23.87	23.87		
40	QPSK	108	0	22.62	22.85	22.68	23.5	1.0
40	QPSK	108	54	23.68	23.87	23.81	24.5	0.0
40	QPSK	108	108	22.81	22.96	22.83	23.5	1.0
40	QPSK	216	0	22.82	23.03	22.99		
40	16QAM	1	1	22.46	22.56	22.50	23.5	1.0
40	64QAM	1	1	21.28	21.25	21.19	22.0	2.5
40	256QAM	1	1	19.23	19.32	19.31	20.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.75	23.77	23.82	24.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.66	23.87	23.81	24.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.77	23.78	23.73	24.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.67	23.91	23.80	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.80	23.89	23.76	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.68	23.84	23.85	24.5	0.0

n66 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.32	24.47	24.44	25.0	0.0
40	PI/2 BPSK	1	108	24.19	24.36	24.36		
40	PI/2 BPSK	1	214	24.10	24.40	24.35		
40	PI/2 BPSK	108	0	23.69	24.06	23.88	24.5	0.5
40	PI/2 BPSK	108	54	24.09	24.40	24.24	25.0	0.0
40	PI/2 BPSK	108	108	23.83	23.85	23.96	24.5	0.5
40	PI/2 BPSK	216	0	23.72	23.84	23.92		
40	QPSK	1	1	24.40	24.55	24.31	25.0	0.0
40	QPSK	1	108	24.31	24.53	24.47		
40	QPSK	1	214	24.25	24.22	24.39		
40	QPSK	108	0	23.24	23.17	23.42	24.0	1.0
40	QPSK	108	54	24.24	24.35	24.33	25.0	0.0
40	QPSK	108	108	23.30	23.30	23.34	24.0	1.0
40	QPSK	216	0	23.34	23.38	23.25		
40	16QAM	1	1	23.09	23.27	23.43	24.0	1.0
40	64QAM	1	1	22.08	22.23	22.12	22.5	2.5
40	256QAM	1	1	19.79	19.78	19.84	20.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.44	24.33	24.27	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.37	24.28	24.28	25.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.34	24.36	24.30	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.40	24.27	24.22	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.35	24.26	24.25	25.0	0.0

n38 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.69	23.87	23.80	24.5	0.0
40	PI/2 BPSK	1	53	23.68	23.79	23.67		
40	PI/2 BPSK	1	104	23.75	23.90	23.76		
40	PI/2 BPSK	50	0	23.23	23.32	23.17	24.0	0.5
40	PI/2 BPSK	50	28	23.68	23.87	23.78	24.5	0.0
40	PI/2 BPSK	50	56	23.22	23.40	23.25	24.0	0.5
40	PI/2 BPSK	100	0	23.27	23.35	23.29		
40	QPSK	1	1	23.87	23.94	23.76	24.5	0.0
40	QPSK	1	53	23.80	23.85	23.84		
40	QPSK	1	104	23.81	23.83	23.85		
40	QPSK	50	0	22.74	22.85	22.88	23.5	1.0
40	QPSK	50	28	23.75	23.87	23.83	24.5	0.0
40	QPSK	50	56	22.75	22.81	22.66	23.5	1.0
40	QPSK	100	0	22.79	22.82	22.81		
40	16QAM	1	1	22.94	22.98	22.92	23.5	1.0
40	64QAM	1	1	21.06	21.18	21.01	22.0	2.5
40	256QAM	1	1	18.77	18.85	18.69	20.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.83	23.84	23.67	24.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.74	23.89	23.72	24.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.84	23.91	23.63	24.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.77	23.78	23.63	24.5	0.0

n41 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.66	23.73	23.61	24.5	0.0
100	PI/2 BPSK	1	137	23.75	23.80	23.70		
100	PI/2 BPSK	1	271	23.70	23.85	23.76		
100	PI/2 BPSK	135	0	23.20	23.34	23.18	24.0	0.5
100	PI/2 BPSK	135	69	23.80	23.88	23.76	24.5	0.0
100	PI/2 BPSK	135	138	23.19	23.37	23.33	24.0	0.5
100	PI/2 BPSK	270	0	23.34	23.39	23.21		
100	QPSK	1	1	23.83	23.90	23.88	24.5	0.0
100	QPSK	1	137	23.73	23.86	23.71		
100	QPSK	1	271	23.65	23.70	23.64		
100	QPSK	135	0	22.82	22.84	22.73	23.5	1.0
100	QPSK	135	69	23.78	23.83	23.75	24.5	0.0
100	QPSK	135	138	22.70	22.85	22.73	23.5	1.0
100	QPSK	270	0	22.75	22.88	22.82		
100	16QAM	1	1	22.89	23.02	22.90	23.5	1.0
100	64QAM	1	1	20.81	20.98	20.93	22.0	2.5
100	256QAM	1	1	19.05	19.15	19.06	20.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.79	23.87	23.85	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.67	23.85	23.84	24.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.72	23.76	23.76	24.5	0.0
Channel				506200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.78	23.80	23.79	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.69	23.78	23.81	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.80	23.73	23.77	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.69	23.83	23.80	24.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.79	23.82	23.85	24.5	0.0

PC3 Part27O n77 Ant9 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	23.94	24.08	23.89	24.5	0.0
100	PI/2 BPSK	1	137	23.81	24.00	23.76		
100	PI/2 BPSK	1	271	23.62	23.79	23.75		
100	PI/2 BPSK	135	0	23.37	23.65	23.43	24.0	0.5
100	PI/2 BPSK	135	69	23.89	23.95	23.87	24.5	0.0
100	PI/2 BPSK	135	138	23.33	23.30	23.18	24.0	0.5
100	PI/2 BPSK	270	0	23.40	23.39	23.39		
100	QPSK	1	1	24.05	24.11	23.99	24.5	0.0
100	QPSK	1	137	23.86	24.06	23.97		
100	QPSK	1	271	23.67	23.84	23.74		
100	QPSK	135	0	23.02	23.16	23.08	23.5	1.0
100	QPSK	135	69	23.81	23.91	23.83	24.5	0.0
100	QPSK	135	138	22.68	22.94	22.80	23.5	1.0
100	QPSK	270	0	22.72	22.81	22.71		
100	16QAM	1	1	23.00	23.12	22.98	23.5	1.0
100	64QAM	1	1	21.26	21.34	21.31	22.0	2.5
100	256QAM	1	1	19.15	19.11	19.14	20.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.94	24.08	23.94	24.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.93	23.95	23.95	24.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.01	24.00	23.86	24.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.90	23.97	23.87	24.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.94	23.96	23.83	24.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.93	24.00	23.83	24.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.02	23.94	23.93	24.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.03	23.99	23.83	24.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.98	24.04	23.87	24.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.97	24.03	23.82	24.5	0.0

PC3 Part27Q n77 Ant9 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.09		24.5	0.0
100	PI/2 BPSK	1	137		24.11			
100	PI/2 BPSK	1	271		23.87			
100	PI/2 BPSK	135	0		23.50		24.0	0.5
100	PI/2 BPSK	135	69		24.06		24.5	0.0
100	PI/2 BPSK	135	138		23.56		24.0	0.5
100	PI/2 BPSK	270	0		23.57			
100	QPSK	1	1		24.18		24.5	0.0
100	QPSK	1	137		24.12			
100	QPSK	1	271		23.95			
100	QPSK	135	0		23.02		23.5	1.0
100	QPSK	135	69		24.15		24.5	0.0
100	QPSK	135	138		23.06		23.5	1.0
100	QPSK	270	0		23.08			
100	16QAM	1	1		22.99		23.5	1.0
100	64QAM	1	1		21.53		22.0	2.5
100	256QAM	1	1		19.29		20.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.00	24.12	24.06	24.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.10	24.02	24.07	24.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.15	24.09	24.11	24.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.15	24.06	24.06	24.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.00	24.14	24.07	24.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.13	24.01	24.15	24.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.10	24.01	24.07	24.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.05	24.14	24.13	24.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.05	24.03	24.16	24.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.15	24.16	24.13	24.5	0.0

PC3 Part27O n78 Ant9 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		22.59		24.5	0.0
100	PI/2 BPSK	1	137		22.64			
100	PI/2 BPSK	1	271		22.57			
100	PI/2 BPSK	135	0		22.62		24.5	0.0
100	PI/2 BPSK	135	69		22.60		24.5	0.0
100	PI/2 BPSK	135	138		22.52		24.5	0.0
100	PI/2 BPSK	270	0		22.54			
100	QPSK	1	1		22.65		24.5	0.0
100	QPSK	1	137		22.61			
100	QPSK	1	271		22.55			
100	QPSK	135	0		22.57		24.5	0.0
100	QPSK	135	69		22.59		24.5	0.0
100	QPSK	135	138		22.53		24.5	0.0
100	QPSK	270	0		22.56			
100	16QAM	1	1		22.60		24.5	0.0
100	64QAM	1	1		21.15		23.0	1.5
100	256QAM	1	1		19.08		21.0	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.62	22.51	22.56	24.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.57	22.55	22.51	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.57	22.54	22.52	24.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.54	22.54	22.63	24.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.62	22.53	22.54	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.54	22.51	22.61	24.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.51	22.60	22.55	24.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.53	22.53	22.55	24.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.59	22.53	22.59	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.57	22.59	22.56	24.5	0.0

PC2 Part27O n78 Ant9 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		25.61		27.5	0.0
100	PI/2 BPSK	1	137		25.67			
100	PI/2 BPSK	1	271		25.56			
100	PI/2 BPSK	135	0		25.19		27.0	0.5
100	PI/2 BPSK	135	69		25.67		27.5	0.0
100	PI/2 BPSK	135	138		25.06		27.0	0.5
100	PI/2 BPSK	270	0		25.16			
100	QPSK	1	1		25.69		27.5	0.0
100	QPSK	1	137		25.55			
100	QPSK	1	271		25.55			
100	QPSK	135	0		24.69		26.5	1.0
100	QPSK	135	69		25.58		27.5	0.0
100	QPSK	135	138		24.71		26.5	1.0
100	QPSK	270	0		24.70			
100	16QAM	1	1		24.63		26.5	1.0
100	64QAM	1	1		23.12		25.0	2.5
100	256QAM	1	1		21.07		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.66	25.55	25.57	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.55	25.60	25.59	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.62	25.59	25.52	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.53	25.54	25.51	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.56	25.63	25.57	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.55	25.57	25.56	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.60	25.52	25.57	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.65	25.52	25.60	27.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.61	25.54	25.54	27.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.53	25.60	25.53	27.5	0.0

PC3 Part27Q 78 Ant9 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.53		24.5	0.0
100	PI/2 BPSK	1	137		22.60			
100	PI/2 BPSK	1	271		22.56			
100	PI/2 BPSK	135	0		22.53		24.5	0.0
100	PI/2 BPSK	135	69		22.57		24.5	0.0
100	PI/2 BPSK	135	138		22.59		24.5	0.0
100	PI/2 BPSK	270	0		22.54			
100	QPSK	1	1		22.61		24.5	0.0
100	QPSK	1	137		22.58			
100	QPSK	1	271		22.53			
100	QPSK	135	0		22.51		24.5	0.0
100	QPSK	135	69		22.59		24.5	0.0
100	QPSK	135	138		22.51		24.5	0.0
100	QPSK	270	0		22.55			
100	16QAM	1	1		22.54		24.5	0.0
100	64QAM	1	1		21.16		23.0	1.5
100	256QAM	1	1		19.14		21.0	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.53	22.55	22.51	24.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.53	22.59	22.54	24.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.53	22.51	22.56	24.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.53	22.58	22.51	24.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.57	22.57	22.59	24.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.58	22.51	22.54	24.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.54	22.58	22.51	24.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.52	22.55	22.51	24.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.53	22.59	22.57	24.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.54	22.52	22.56	24.5	0.0

PC2 Part27Q 78 Ant9 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.60		27.5	0.0
100	PI/2 BPSK	1	137		25.51			
100	PI/2 BPSK	1	271		25.67			
100	PI/2 BPSK	135	0		25.04		27.0	0.5
100	PI/2 BPSK	135	69		25.56		27.5	0.0
100	PI/2 BPSK	135	138		25.16		27.0	0.5
100	PI/2 BPSK	270	0		25.14			
100	QPSK	1	1		25.64		27.5	0.0
100	QPSK	1	137		25.55			
100	QPSK	1	271		25.61			
100	QPSK	135	0		24.51		26.5	1.0
100	QPSK	135	69		25.63		27.5	0.0
100	QPSK	135	138		24.58		26.5	1.0
100	QPSK	270	0		24.60			
100	16QAM	1	1		24.68		26.5	1.0
100	64QAM	1	1		23.12		25.0	2.5
100	256QAM	1	1		21.16		23.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.61	25.58	25.56	27.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.53	25.55	25.52	27.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.53	25.61	25.60	27.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.51	25.56	25.52	27.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.53	25.56	25.59	27.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.55	25.54	25.60	27.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.61	25.61	25.55	27.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.51	25.57	25.59	27.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.54	25.53	25.57	27.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.55	25.51	25.54	27.5	0.0

PC3 Part27O n77 Ant10 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	24.56	24.63	24.61	25.7	0.0
100	PI/2 BPSK	1	137	24.51	24.65	24.59		
100	PI/2 BPSK	1	271	24.64	24.69	24.66		
100	PI/2 BPSK	135	0	24.20	24.22	24.13	25.2	0.5
100	PI/2 BPSK	135	69	24.53	24.64	24.55	25.7	0.0
100	PI/2 BPSK	135	138	24.13	24.16	24.08	25.2	0.5
100	PI/2 BPSK	270	0	24.10	24.22	24.04		
100	QPSK	1	1	24.62	24.73	24.68	25.7	0.0
100	QPSK	1	137	24.52	24.62	24.58		
100	QPSK	1	271	24.55	24.59	24.54		
100	QPSK	135	0	23.57	23.69	23.65	24.7	1.0
100	QPSK	135	69	24.53	24.67	24.59	25.7	0.0
100	QPSK	135	138	23.58	23.69	23.53	24.7	1.0
100	QPSK	270	0	23.58	23.74	23.56		
100	16QAM	1	1	23.51	23.54	23.59	24.7	1.0
100	64QAM	1	1	22.13	22.07	22.02	23.2	2.5
100	256QAM	1	1	20.10	20.16	20.13	21.2	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.59	24.67	24.58	25.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.52	24.68	24.58	25.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.52	24.64	24.51	25.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.58	24.59	24.52	25.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.54	24.58	24.65	25.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.57	24.64	24.51	25.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.55	24.56	24.55	25.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.59	24.70	24.63	25.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.52	24.69	24.55	25.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.51	24.58	24.57	25.7	0.0

PC3 Part27Q n77 Ant10 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.07		25.7	0.0
100	PI/2 BPSK	1	137		25.03			
100	PI/2 BPSK	1	271		24.96			
100	PI/2 BPSK	135	0		24.41		25.2	0.5
100	PI/2 BPSK	135	69		24.93		25.7	0.0
100	PI/2 BPSK	135	138		24.45		25.2	0.5
100	PI/2 BPSK	270	0		24.40			
100	QPSK	1	1		25.09		25.7	0.0
100	QPSK	1	137		24.94			
100	QPSK	1	271		25.06			
100	QPSK	135	0		23.92		24.7	1.0
100	QPSK	135	69		24.91		25.7	0.0
100	QPSK	135	138		23.97		24.7	1.0
100	QPSK	270	0		23.93			
100	16QAM	1	1		24.04		24.7	1.0
100	64QAM	1	1		22.21		23.2	2.5
100	256QAM	1	1		20.12		21.2	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.92	24.92	24.95	25.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.91	24.99	25.06	25.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.00	25.06	24.92	25.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.98	24.95	24.98	25.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.02	25.04	24.93	25.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.91	24.99	25.04	25.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.98	25.07	24.93	25.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.03	25.00	25.06	25.7	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.01	25.01	25.00	25.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.07	24.95	25.02	25.7	0.0

PC3 Part27O n78 Ant10 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		22.73		24.5	0.0
100	PI/2 BPSK	1	137		22.81			
100	PI/2 BPSK	1	271		22.75			
100	PI/2 BPSK	135	0		22.67		24.5	0.0
100	PI/2 BPSK	135	69		22.68		24.5	0.0
100	PI/2 BPSK	135	138		22.77		24.5	0.0
100	PI/2 BPSK	270	0		22.67			
100	QPSK	1	1		22.87		24.5	0.0
100	QPSK	1	137		22.72			
100	QPSK	1	271		22.74			
100	QPSK	135	0		22.61		24.5	0.0
100	QPSK	135	69		22.71		24.5	0.0
100	QPSK	135	138		22.65		24.5	0.0
100	QPSK	270	0		22.69			
100	16QAM	1	1		22.75		24.5	0.0
100	64QAM	1	1		21.20		23.0	1.5
100	256QAM	1	1		19.30		21.0	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.74	22.71	22.80	24.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.82	22.72	22.80	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.79	22.78	22.80	24.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.82	22.75	22.78	24.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.80	22.74	22.81	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.72	22.80	22.71	24.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.82	22.84	22.81	24.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.75	22.75	22.82	24.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.71	22.77	22.84	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.78	22.83	22.81	24.5	0.0

PC2 Part27O n78 Ant10 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		25.62		27.5	0.0
100	PI/2 BPSK	1	137		25.60			
100	PI/2 BPSK	1	271		25.55			
100	PI/2 BPSK	135	0		25.14		27.0	0.5
100	PI/2 BPSK	135	69		25.67		27.5	0.0
100	PI/2 BPSK	135	138		25.14		27.0	0.5
100	PI/2 BPSK	270	0		25.17			
100	QPSK	1	1		25.69		27.5	0.0
100	QPSK	1	137		25.67			
100	QPSK	1	271		25.59			
100	QPSK	135	0		24.65		26.5	1.0
100	QPSK	135	69		25.61		27.5	0.0
100	QPSK	135	138		24.60		26.5	1.0
100	QPSK	270	0		24.62			
100	16QAM	1	1		24.52		26.5	1.0
100	64QAM	1	1		23.27		25.0	2.5
100	256QAM	1	1		21.25		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.54	25.53	25.63	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.56	25.57	25.54	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.64	25.55	25.54	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.63	25.61	25.57	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.56	25.54	25.66	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.65	25.58	25.55	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.52	25.60	25.56	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.57	25.66	25.61	27.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.58	25.52	25.54	27.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.55	25.65	25.56	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.49		24.5	0.0
100	PI/2 BPSK	1	137		23.46			
100	PI/2 BPSK	1	271		23.42			
100	PI/2 BPSK	135	0		23.27		24.5	0.0
100	PI/2 BPSK	135	69		23.38		24.5	0.0
100	PI/2 BPSK	135	138		23.42		24.5	0.0
100	PI/2 BPSK	270	0		23.24			
100	QPSK	1	1		23.56		24.5	0.0
100	QPSK	1	137		23.28			
100	QPSK	1	271		23.54			
100	QPSK	135	0		23.41		24.5	0.0
100	QPSK	135	69		23.48		24.5	0.0
100	QPSK	135	138		23.42		24.5	0.0
100	QPSK	270	0		23.33			
100	16QAM	1	1		23.23		24.5	0.0
100	64QAM	1	1		21.59		23.0	1.5
100	256QAM	1	1		19.58		21.0	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.42	23.43	23.53	24.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.52	23.50	23.46	24.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.50	23.44	23.43	24.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.50	23.50	23.47	24.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.45	23.49	23.53	24.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.39	23.51	23.50	24.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.42	23.47	23.42	24.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.52	23.39	23.41	24.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.40	23.44	23.52	24.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.52	23.48	23.41	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.26		27.5	0.0
100	PI/2 BPSK	1	137		26.27			
100	PI/2 BPSK	1	271		26.29			
100	PI/2 BPSK	135	0		25.76		27.0	0.5
100	PI/2 BPSK	135	69		26.14		27.5	0.0
100	PI/2 BPSK	135	138		25.75		27.0	0.5
100	PI/2 BPSK	270	0		25.86			
100	QPSK	1	1		26.36		27.5	0.0
100	QPSK	1	137		26.32			
100	QPSK	1	271		26.18			
100	QPSK	135	0		25.30		26.5	1.0
100	QPSK	135	69		26.32		27.5	0.0
100	QPSK	135	138		25.28		26.5	1.0
100	QPSK	270	0		25.34			
100	16QAM	1	1		25.23		26.5	1.0
100	64QAM	1	1		23.48		25.0	2.5
100	256QAM	1	1		21.32		23.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.90	25.94	25.95	27.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.92	25.89	25.86	27.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.97	25.90	25.86	27.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.91	25.91	25.89	27.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.88	25.88	25.89	27.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.86	25.89	25.90	27.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.94	25.94	25.93	27.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.86	25.96	25.86	27.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.98	25.84	25.89	27.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.87	25.86	25.89	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.53	24.79	24.69	25.7	0.0
100	PI/2 BPSK	1	137	24.62	24.71	24.78		
100	PI/2 BPSK	1	271	24.39	24.55	24.58		
100	PI/2 BPSK	135	0	24.02	24.16	24.25	25.2	0.5
100	PI/2 BPSK	135	69	24.50	24.59	24.80	25.7	0.0
100	PI/2 BPSK	135	138	23.84	24.11	24.11	25.2	0.5
100	PI/2 BPSK	270	0	23.95	24.16	24.27		
100	QPSK	1	1	24.72	24.87	24.77	25.7	0.0
100	QPSK	1	137	24.68	24.75	24.69		
100	QPSK	1	271	24.61	24.73	24.80		
100	QPSK	135	0	23.63	23.67	23.73	24.7	1.0
100	QPSK	135	69	24.71	24.76	24.71	25.7	0.0
100	QPSK	135	138	23.52	23.58	23.59	24.7	1.0
100	QPSK	270	0	23.49	23.62	23.45		
100	16QAM	1	1	23.42	23.48	23.50	24.7	1.0
100	64QAM	1	1	22.07	22.10	22.21	23.2	2.5
100	256QAM	1	1	19.84	20.02	20.07	21.2	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.66	24.81	24.70	25.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.61	24.84	24.71	25.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.61	24.70	24.62	25.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.61	24.83	24.71	25.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.57	24.81	24.65	25.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.68	24.77	24.66	25.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.60	24.78	24.72	25.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.62	24.70	24.74	25.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.58	24.82	24.74	25.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.65	24.83	24.60	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.87		25.7	0.0
100	PI/2 BPSK	1	137		24.80			
100	PI/2 BPSK	1	271		24.81			
100	PI/2 BPSK	135	0		24.33		25.2	0.5
100	PI/2 BPSK	135	69		24.90		25.7	0.0
100	PI/2 BPSK	135	138		24.33		25.2	0.5
100	PI/2 BPSK	270	0		24.35			
100	QPSK	1	1		24.93		25.7	0.0
100	QPSK	1	137		24.91			
100	QPSK	1	271		24.92			
100	QPSK	135	0		23.77		24.7	1.0
100	QPSK	135	69		24.88		25.7	0.0
100	QPSK	135	138		23.87		24.7	1.0
100	QPSK	270	0		23.81			
100	16QAM	1	1		23.75		24.7	1.0
100	64QAM	1	1		22.01		23.2	2.5
100	256QAM	1	1		19.97		21.2	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.78	24.89	24.89	25.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.88	24.80	24.80	25.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.78	24.83	24.78	25.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.82	24.75	24.82	25.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.83	24.86	24.90	25.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.77	24.85	24.84	25.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.79	24.79	24.77	25.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.88	24.81	24.79	25.7	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.78	24.90	24.76	25.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.90	24.90	24.85	25.7	0.0

PC3 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		22.74		24.0	0.0
100	PI/2 BPSK	1	137		22.62			
100	PI/2 BPSK	1	271		22.53			
100	PI/2 BPSK	135	0		22.46		24.0	0.0
100	PI/2 BPSK	135	69		22.53		24.0	0.0
100	PI/2 BPSK	135	138		22.47		24.0	0.0
100	PI/2 BPSK	270	0		22.40			
100	QPSK	1	1		22.75		24.0	0.0
100	QPSK	1	137		22.71			
100	QPSK	1	271		22.68			
100	QPSK	135	0		22.42		24.0	0.0
100	QPSK	135	69		22.56		24.0	0.0
100	QPSK	135	138		22.53		24.0	0.0
100	QPSK	270	0		22.57			
100	16QAM	1	1		22.39		24.0	0.0
100	64QAM	1	1		21.28		22.5	1.5
100	256QAM	1	1		19.24		20.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.65	22.72	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	22.62	22.59	22.62	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.69	22.62	22.71	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	22.66	22.65	22.67	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	22.60	22.59	22.66	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.69	22.66	22.71	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	22.67	22.59	22.73	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	22.58	22.61	22.61	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	22.64	22.73	22.70	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.61	22.59	22.63	24.0	0.0

PC2 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		25.54		27.0	0.0
100	PI/2 BPSK	1	137		25.60			
100	PI/2 BPSK	1	271		25.51			
100	PI/2 BPSK	135	0		25.17		26.5	0.5
100	PI/2 BPSK	135	69		25.66		27.0	0.0
100	PI/2 BPSK	135	138		25.12		26.5	0.5
100	PI/2 BPSK	270	0		25.16			
100	QPSK	1	1		25.67		27.0	0.0
100	QPSK	1	137		25.63			
100	QPSK	1	271		25.61			
100	QPSK	135	0		24.57		26.0	1.0
100	QPSK	135	69		25.59		27.0	0.0
100	QPSK	135	138		24.58		26.0	1.0
100	QPSK	270	0		24.63			
100	16QAM	1	1		24.37		26.0	1.0
100	64QAM	1	1		22.87		24.5	2.5
100	256QAM	1	1		20.58		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	25.52	25.57	25.53	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.56	25.62	25.65	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.61	25.53	25.58	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	25.53	25.51	25.50	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	25.52	25.54	25.58	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.59	25.60	25.54	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.52	25.63	25.51	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	25.58	25.51	25.51	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	25.58	25.57	25.50	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.57	25.56	25.59	27.0	0.0

PC3 Part27Q 78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.97		24.0	0.0
100	PI/2 BPSK	1	137		22.93			
100	PI/2 BPSK	1	271		22.87			
100	PI/2 BPSK	135	0		22.72		24.0	0.0
100	PI/2 BPSK	135	69		22.77		24.0	0.0
100	PI/2 BPSK	135	138		22.85		24.0	0.0
100	PI/2 BPSK	270	0		22.74			
100	QPSK	1	1		23.08		24.0	0.0
100	QPSK	1	137		22.96			
100	QPSK	1	271		23.03			
100	QPSK	135	0		22.80		24.0	0.0
100	QPSK	135	69		22.96		24.0	0.0
100	QPSK	135	138		22.93		24.0	0.0
100	QPSK	270	0		22.87			
100	16QAM	1	1		22.79		24.0	0.0
100	64QAM	1	1		21.39		22.5	1.5
100	256QAM	1	1		19.71		20.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.01	22.96	22.93	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.97	23.05	22.99	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.02	22.94	22.95	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.91	23.06	22.99	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.06	23.02	22.99	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.96	22.96	23.03	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.94	22.96	22.97	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.04	22.92	22.91	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.06	23.05	22.91	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.91	22.90	22.93	24.0	0.0

PC2 Part27Q 78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.20		27.0	0.0
100	PI/2 BPSK	1	137		26.09			
100	PI/2 BPSK	1	271		26.00			
100	PI/2 BPSK	135	0		25.60		26.5	0.5
100	PI/2 BPSK	135	69		26.14		27.0	0.0
100	PI/2 BPSK	135	138		25.68		26.5	0.5
100	PI/2 BPSK	270	0		25.67			
100	QPSK	1	1		26.22		27.0	0.0
100	QPSK	1	137		26.05			
100	QPSK	1	271		26.02			
100	QPSK	135	0		25.25		26.0	1.0
100	QPSK	135	69		26.12		27.0	0.0
100	QPSK	135	138		25.28		26.0	1.0
100	QPSK	270	0		25.26			
100	16QAM	1	1		25.10		26.0	1.0
100	64QAM	1	1		23.11		24.5	2.5
100	256QAM	1	1		21.12		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.12	26.19	26.16	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.09	26.09	26.08	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.06	26.18	26.12	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.05	26.12	26.15	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.08	26.04	26.10	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.07	26.08	26.20	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.05	26.14	26.14	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.07	26.19	26.08	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.10	26.05	26.18	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.15	26.10	26.06	27.0	0.0

Reduced Power Mode for DSI 1

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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.79	24.87	24.85	25.5	0.0
20	PI/2 BPSK	1	53	24.84	24.89	24.82		
20	PI/2 BPSK	1	104	24.77	24.79	24.65		
20	PI/2 BPSK	50	0	24.19	24.46	24.25	25.0	0.5
20	PI/2 BPSK	50	28	24.67	24.83	24.71	25.5	0.0
20	PI/2 BPSK	50	56	24.02	24.27	24.12	25.0	0.5
20	PI/2 BPSK	100	0	24.37	24.38	24.28		
20	QPSK	1	1	24.94	24.96	24.85	25.5	0.0
20	QPSK	1	53	24.79	24.86	24.70		
20	QPSK	1	104	24.61	24.79	24.65		
20	QPSK	50	0	23.71	23.73	23.76	24.5	1.0
20	QPSK	50	28	24.82	24.90	24.74	25.5	0.0
20	QPSK	50	56	23.75	23.81	23.73	24.5	1.0
20	QPSK	100	0	23.73	23.95	23.66		
20	16QAM	1	1	23.69	23.88	23.75	24.5	1.0
20	64QAM	1	1	22.32	22.41	22.16	23.0	2.5
20	256QAM	1	1	20.68	20.71	20.55	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.91	24.83	24.80	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.78	24.81	24.77	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.92	24.87	24.81	25.5	0.0

n7 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.35	23.43	23.25	24.0	0.0
40	PI/2 BPSK	1	108	23.44	23.40	23.31		
40	PI/2 BPSK	1	214	23.23	23.30	23.10		
40	PI/2 BPSK	108	0	22.61	22.85	22.90	23.5	0.5
40	PI/2 BPSK	108	54	23.00	23.30	23.03	24.0	0.0
40	PI/2 BPSK	108	108	22.79	22.77	22.69	23.5	0.5
40	PI/2 BPSK	216	0	22.68	22.76	22.64		
40	QPSK	1	1	23.22	23.47	23.35	24.0	0.0
40	QPSK	1	108	23.07	23.25	23.24		
40	QPSK	1	214	23.24	23.11	23.22		
40	QPSK	108	0	22.16	22.31	22.11	23.0	1.0
40	QPSK	108	54	23.02	23.20	22.99	24.0	0.0
40	QPSK	108	108	22.04	22.25	22.18	23.0	1.0
40	QPSK	216	0	22.22	22.26	22.16		
40	16QAM	1	1	22.16	22.11	21.94	23.0	1.0
40	64QAM	1	1	20.44	20.68	20.58	21.5	2.5
40	256QAM	1	1	18.38	18.38	18.42	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.11	23.33	23.22	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	23.18	23.29	23.31	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.10	23.37	23.24	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	23.20	23.39	23.27	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.10	23.30	23.30	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	23.14	23.44	23.30	24.0	0.0

n66 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.81	22.94	22.85	23.5	0.0
40	PI/2 BPSK	1	108	22.83	22.91	22.88		
40	PI/2 BPSK	1	214	22.71	22.92	22.64		
40	PI/2 BPSK	108	0	22.28	22.41	22.19	23.0	0.5
40	PI/2 BPSK	108	54	22.86	23.00	22.85	23.5	0.0
40	PI/2 BPSK	108	108	22.33	22.38	22.30	23.0	0.5
40	PI/2 BPSK	216	0	22.34	22.42	22.24		
40	QPSK	1	1	22.78	23.03	22.97	23.5	0.0
40	QPSK	1	108	22.77	22.89	22.74		
40	QPSK	1	214	22.57	22.73	22.60		
40	QPSK	108	0	21.65	21.84	21.85	22.5	1.0
40	QPSK	108	54	22.84	23.02	22.82	23.5	0.0
40	QPSK	108	108	21.69	21.84	21.77	22.5	1.0
40	QPSK	216	0	21.92	22.06	21.98		
40	16QAM	1	1	21.88	21.94	21.89	22.5	1.0
40	64QAM	1	1	20.36	20.30	20.29	21.0	2.5
40	256QAM	1	1	18.66	18.74	18.74	19.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.67	22.86	22.86	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.74	22.94	22.84	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.67	22.89	22.89	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.72	22.85	22.89	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.61	22.97	22.87	23.5	0.0

n38 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	516004	519000	519996		
			Frequency (MHz)	2580.02	2595	3609.98		
40	PI/2 BPSK	1	1	23.13	23.21	23.19	24.0	0.0
40	PI/2 BPSK	1	53	23.11	23.14	23.10		
40	PI/2 BPSK	1	104	22.91	23.13	22.94		
40	PI/2 BPSK	50	0	22.62	22.86	22.55	23.5	0.5
40	PI/2 BPSK	50	28	23.02	23.22	22.96	24.0	0.0
40	PI/2 BPSK	50	56	22.53	22.59	22.57	23.5	0.5
40	PI/2 BPSK	100	0	22.55	22.79	22.53		
40	QPSK	1	1	23.15	23.24	23.22	24.0	0.0
40	QPSK	1	53	22.93	23.00	22.96		
40	QPSK	1	104	22.92	23.12	22.94		
40	QPSK	50	0	22.08	22.13	22.02	23.0	1.0
40	QPSK	50	28	23.04	23.17	23.03	24.0	0.0
40	QPSK	50	56	22.07	22.12	22.18	23.0	1.0
40	QPSK	100	0	22.17	22.25	22.15		
40	16QAM	1	1	22.00	22.35	22.22	23.0	1.0
40	64QAM	1	1	20.37	20.59	20.39	21.5	2.5
40	256QAM	1	1	18.37	18.32	18.33	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	23.08	23.20	23.12	24.0	0.0
			Channel	516502	519000	522000	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	2580	2595	2610		
20	QPSK	1	1	22.99	23.14	23.16	24.0	0.0
			Channel	516502	519000	522498	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	2577.51	2595	2612.49		
15	QPSK	1	1	23.11	23.07	23.19	24.0	0.0
			Channel	516004	519000	522996	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	2575.02	2595	2614.98		
10	QPSK	1	1	22.98	23.18	23.11	24.0	0.0

n41 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	509202	518598	528000		
			Frequency (MHz)	2496.01	2602.99	2640		
100	PI/2 BPSK	1	1	22.79	22.93	22.87	24.0	0.0
100	PI/2 BPSK	1	137	22.82	22.85	22.85		
100	PI/2 BPSK	1	271	22.74	22.91	22.80		
100	PI/2 BPSK	135	0	22.35	22.45	22.31	23.5	0.5
100	PI/2 BPSK	135	69	22.79	22.93	22.96	24.0	0.0
100	PI/2 BPSK	135	138	22.34	22.48	22.39	23.5	0.5
100	PI/2 BPSK	270	0	22.31	22.46	22.30		
100	QPSK	1	1	22.88	22.98	22.95	24.0	0.0
100	QPSK	1	137	22.85	22.91	22.89		
100	QPSK	1	271	22.78	22.80	22.76		
100	QPSK	135	0	21.70	21.68	21.52	23.0	1.0
100	QPSK	135	69	22.91	22.93	22.87	24.0	0.0
100	QPSK	135	138	21.84	21.77	21.79	23.0	1.0
100	QPSK	270	0	21.67	21.80	21.61		
100	16QAM	1	1	21.86	22.05	21.93	23.0	1.0
100	64QAM	1	1	20.44	20.37	20.35	21.5	2.5
100	256QAM	1	1	18.32	18.39	18.13	19.5	4.5
			Channel	508800	518598	528000	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	2541	2592.99	2644.98		
90	QPSK	1	1	22.70	22.95	22.77	24.0	0.0
			Channel	507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	2536.02	2592.99	2649.99		
80	QPSK	1	1	22.71	22.92	22.87	24.0	0.0
			Channel	506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	2531.01	2592.99	2655		
70	QPSK	1	1	22.71	22.90	22.84	24.0	0.0
			Channel	505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	2526	2592.99	2659.98		
60	QPSK	1	1	22.76	22.83	22.91	24.0	0.0
			Channel	504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	2521.02	2592.99	2664.99		
50	QPSK	1	1	22.81	22.84	22.82	24.0	0.0
			Channel	503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	2516.01	2592.99	2670		
40	QPSK	1	1	22.72	22.90	22.87	24.0	0.0
			Channel	502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	2511	2592.99	2674.98		
30	QPSK	1	1	22.71	22.93	22.86	24.0	0.0
			Channel	501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	2506.02	2592.99	2679.99		
20	QPSK	1	1	22.77	22.88	22.93	24.0	0.0

PC3 Part27O n77 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	650000	656000	662000		
			Frequency (MHz)	3750	3840	3930		
100	PI/2 BPSK	1	1	22.86	22.95	22.90	24.0	0.0
100	PI/2 BPSK	1	137	22.82	22.83	22.78		
100	PI/2 BPSK	1	271	22.81	22.92	22.87		
100	PI/2 BPSK	135	0	22.32	22.44	22.16	23.5	0.5
100	PI/2 BPSK	135	69	22.85	22.89	22.81	24.0	0.0
100	PI/2 BPSK	135	138	21.98	22.18	22.17	23.5	0.5
100	PI/2 BPSK	270	0	22.17	22.28	22.16		
100	QPSK	1	1	22.92	22.99	22.96	24.0	0.0
100	QPSK	1	137	22.90	22.93	22.84		
100	QPSK	1	271	22.81	22.85	22.77		
100	QPSK	135	0	21.77	21.80	21.78	23.0	1.0
100	QPSK	135	69	22.87	22.91	22.82	24.0	0.0
100	QPSK	135	138	21.45	21.65	21.60	23.0	1.0
100	QPSK	270	0	21.61	21.82	21.62		
100	16QAM	1	1	21.85	21.97	21.95	23.0	1.0
100	64QAM	1	1	20.32	20.30	20.09	21.5	2.5
100	256QAM	1	1	18.13	18.20	18.14	19.5	4.5
			Channel	649668	656002	662334	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	3745.02	3840	3935.01		
90	QPSK	1	1	22.75	22.87	22.85	24.0	0.0
			Channel	649334	656002	662668	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	3740.01	3840	3940.02		
80	QPSK	1	1	22.89	22.94	22.93	24.0	0.0
			Channel	649002	656002	663002	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	3735	3840	3945		
70	QPSK	1	1	22.88	22.93	22.85	24.0	0.0
			Channel	648668	656002	663334	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	3730.02	3840	3950.01		
60	QPSK	1	1	22.85	22.91	22.92	24.0	0.0
			Channel	648334	656002	663668	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	3725.01	3840	3955.02		
50	QPSK	1	1	22.88	22.81	22.85	24.0	0.0
			Channel	648002	656002	664002	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	3720	3840	3960		
40	QPSK	1	1	22.83	22.86	22.84	24.0	0.0
			Channel	647668	656002	664336	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	3715.02	3840	3965.01		
30	QPSK	1	1	22.76	22.97	22.92	24.0	0.0
			Channel	647334	656002	664670	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	3710.01	3840	3970.02		
20	QPSK	1	1	22.87	22.84	22.92	24.0	0.0
			Channel	647116	656002	664338	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	3707.52	3840	3972.51		
15	QPSK	1	1	22.86	22.96	22.84	24.0	0.0
			Channel	647000	656000	663000	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	3705	3840	3975		
10	QPSK	1	1	22.82	22.83	22.83	24.0	0.0

PC3 Part27Q n77 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	633334				
			Frequency (MHz)	3500.01				
100	PI/2 BPSK	1	1	23.05			24.0	0.0
100	PI/2 BPSK	1	137	22.95				
100	PI/2 BPSK	1	271	22.99				
100	PI/2 BPSK	135	0	22.43			23.5	0.5
100	PI/2 BPSK	135	69	22.92			24.0	0.0
100	PI/2 BPSK	135	138	22.45			23.5	0.5
100	PI/2 BPSK	270	0	22.55				
100	QPSK	1	1	23.09			24.0	0.0
100	QPSK	1	137	23.01				
100	QPSK	1	271	22.91				
100	QPSK	135	0	21.98			23.0	1.0
100	QPSK	135	69	23.06			24.0	0.0
100	QPSK	135	138	21.92			23.0	1.0
100	QPSK	270	0	22.07				
100	16QAM	1	1	21.98			23.0	1.0
100	64QAM	1	1	20.58			21.5	2.5
100	256QAM	1	1	18.49			19.5	4.5
			Channel	633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	3495	3500.01	3505.02		
90	QPSK	1	1	23.02	22.97	23.07	24.0	0.0
			Channel	632668	633334	634002	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	3490.02	3500.01	3510		
80	QPSK	1	1	22.93	23.02	23.03	24.0	0.0
			Channel	632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	3485.01	3500.01	3515.01		
70	QPSK	1	1	22.97	22.95	22.92	24.0	0.0
			Channel	632002	633334	634668	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	3480	3500.01	3520.02		
60	QPSK	1	1	22.95	22.92	22.93	24.0	0.0
			Channel	631668	633334	635002	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	3475.02	3500.01	3525		
50	QPSK	1	1	23.01	23.05	23.05	24.0	0.0
			Channel	631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	3470.01	3500.01	3530.01		
40	QPSK	1	1	23.04	22.99	22.94	24.0	0.0
			Channel	631002	633334	635668	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	3465	3500.01	3535.02		
30	QPSK	1	1	22.93	22.98	23.01	24.0	0.0
			Channel	630668	633334	636002	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	3460.02	3500.01	3540		
20	QPSK	1	1	23.00	22.93	23.02	24.0	0.0
			Channel	630002	633334	636668	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	3457.5	3500.01	3542.52		
15	QPSK	1	1	23.02	22.98	22.99	24.0	0.0
			Channel	630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
			Frequency (MHz)	3455.01	3500.01	3545.01		
10	QPSK	1	1	22.94	23.03	23.05	24.0	0.0

PC3 Part27O n78 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		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		20.74			
100	PI/2 BPSK	1	137		20.70		22.0	0.0
100	PI/2 BPSK	1	271		20.63			
100	PI/2 BPSK	135	0		20.62		22.0	0.0
100	PI/2 BPSK	135	69		20.62		22.0	0.0
100	PI/2 BPSK	135	138		20.73		22.0	0.0
100	PI/2 BPSK	270	0		20.64			
100	QPSK	1	1		20.79			
100	QPSK	1	137		20.63		22.0	0.0
100	QPSK	1	271		20.66			
100	QPSK	135	0		20.69		22.0	0.0
100	QPSK	135	69		20.71		22.0	0.0
100	QPSK	135	138		20.60		22.0	0.0
100	QPSK	270	0		20.68			
100	16QAM	1	1		20.70		22.0	0.0
100	64QAM	1	1		19.63		20.5	1.5
100	256QAM	1	1		17.63		18.5	3.5
		Channel		649668	650000	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	20.72	20.75	20.64	22.0	0.0
		Channel		649334	650000	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	20.69	20.72	20.73	22.0	0.0
		Channel		649002	650000	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	20.73	20.70	20.71	22.0	0.0
		Channel		648668	650000	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	20.68	20.66	20.65	22.0	0.0
		Channel		648334	650000	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	20.74	20.65	20.68	22.0	0.0
		Channel		648002	650000	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	20.61	20.62	20.62	22.0	0.0
		Channel		647668	650000	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	20.65	20.70	20.69	22.0	0.0
		Channel		647334	650000	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	20.66	20.73	20.76	22.0	0.0
		Channel		647168	650000	652834	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	20.62	20.63	20.64	22.0	0.0
		Channel		647002	650000	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	20.67	20.64	20.69	22.0	0.0

PC2 Part27O n78 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		650000	650000	650000		
		Frequency (MHz)		3750	3750	3750		
100	PI/2 BPSK	1	1		23.64			
100	PI/2 BPSK	1	137		23.53		25.0	0.0
100	PI/2 BPSK	1	271		23.52			
100	PI/2 BPSK	135	0		23.08		24.5	0.5
100	PI/2 BPSK	135	69		23.50		25.0	0.0
100	PI/2 BPSK	135	138		22.94		24.5	0.5
100	PI/2 BPSK	270	0		23.06			
100	QPSK	1	1		23.69			
100	QPSK	1	137		23.55		25.0	0.0
100	QPSK	1	271		23.43			
100	QPSK	135	0		23.40		24.0	1.0
100	QPSK	135	69		23.61		25.0	0.0
100	QPSK	135	138		22.53		24.0	1.0
100	QPSK	270	0		22.48			
100	16QAM	1	1		22.41		24.0	1.0
100	64QAM	1	1		20.83		22.5	2.5
100	256QAM	1	1		18.88		20.5	4.5
		Channel		649668	650000	650334	Tune-up limit	MPR
		Frequency (MHz)		3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	23.51	23.55	23.53	25.0	0.0
		Channel		649334	650000	650668	Tune-up limit	MPR
		Frequency (MHz)		3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	23.66	23.64	23.59	25.0	0.0
		Channel		649002	650000	651002	Tune-up limit	MPR
		Frequency (MHz)		3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	23.57	23.52	23.55	25.0	0.0
		Channel		648668	650000	651334	Tune-up limit	MPR
		Frequency (MHz)		3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	23.52	23.62	23.55	25.0	0.0
		Channel		648334	650000	651668	Tune-up limit	MPR
		Frequency (MHz)		3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	23.58	23.63	23.60	25.0	0.0
		Channel		648002	650000	652002	Tune-up limit	MPR
		Frequency (MHz)		3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	23.64	23.60	23.56	25.0	0.0
		Channel		647668	650000	652334	Tune-up limit	MPR
		Frequency (MHz)		3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	23.67	23.66	23.61	25.0	0.0
		Channel		647334	650000	652668	Tune-up limit	MPR
		Frequency (MHz)		3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	23.64	23.61	23.65	25.0	0.0
		Channel		647168	650000	652834	Tune-up limit	MPR
		Frequency (MHz)		3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	23.58	23.64	23.52	25.0	0.0
		Channel		647002	650000	653002	Tune-up limit	MPR
		Frequency (MHz)		3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	23.53	23.58	23.63	25.0	0.0

PC3 Part27Q n78 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			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		20.98			
100	PI/2 BPSK	1	137		20.88		22.0	0.0
100	PI/2 BPSK	1	271		20.93			
100	PI/2 BPSK	135	0		20.92		22.0	0.0
100	PI/2 BPSK	135	69		20.99		22.0	0.0
100	PI/2 BPSK	135	138		20.80		22.0	0.0
100	PI/2 BPSK	270	0		20.82			
100	QPSK	1	1		21.02			
100	QPSK	1	137		20.92		22.0	0.0
100	QPSK	1	271		20.87			
100	QPSK	135	0		20.96		22.0	0.0
100	QPSK	135	69		21.01		22.0	0.0
100	QPSK	135	138		20.92		22.0	0.0
100	QPSK	270	0		20.94			
100	16QAM	1	1		20.87		22.0	0.0
100	64QAM	1	1		19.61		20.5	1.5
100	256QAM	1	1		17.82		18.5	3.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	20.99	20.95	21.00	22.0	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	20.99	20.88	20.98	22.0	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	20.95	21.00	20.97	22.0	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	20.87	20.95	20.99	22.0	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	20.86	20.91	20.86	22.0	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	20.90	20.99	20.93	22.0	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	20.92	20.92	20.95	22.0	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	20.98	20.89	20.93	22.0	0.0
		Channel		630002	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	20.99	20.98	20.92	22.0	0.0
		Channel		629334	633334	637334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	20.89	20.85	21.00	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			633334			
		Frequency (MHz)			3500.01			
100	PI/2 BPSK	1	1		24.04			
100	PI/2 BPSK	1	137		23.90		25.0	0.0
100	PI/2 BPSK	1	271		23.89			
100	PI/2 BPSK	135	0		23.48		24.5	0.5
100	PI/2 BPSK	135	69		23.90		25.0	0.0
100	PI/2 BPSK	135	138		23.59		24.5	0.5
100	PI/2 BPSK	270	0		23.54			
100	QPSK	1	1		24.08			
100	QPSK	1	137		24.02		25.0	0.0
100	QPSK	1	271		23.99			
100	QPSK	135	0		22.92		24.0	1.0
100	QPSK	135	69		23.94		25.0	0.0
100	QPSK	135	138		23.07		24.0	1.0
100	QPSK	270	0		23.10			
100	16QAM	1	1		22.82		24.0	1.0
100	64QAM	1	1		21.37		22.5	2.5
100	256QAM	1	1		19.37		20.5	4.5
		Channel		633000	633334	633668	Tune-up limit	MPR
		Frequency (MHz)		3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	24.05	24.06	23.96	25.0	0.0
		Channel		632668	633334	634002	Tune-up limit	MPR
		Frequency (MHz)		3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	24.01	23.97	24.02	25.0	0.0
		Channel		632334	633334	634334	Tune-up limit	MPR
		Frequency (MHz)		3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	24.00	24.05	24.05	25.0	0.0
		Channel		632002	633334	634668	Tune-up limit	MPR
		Frequency (MHz)		3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	24.02	24.02	24.03	25.0	0.0
		Channel		631668	633334	635002	Tune-up limit	MPR
		Frequency (MHz)		3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	23.96	23.91	24.05	25.0	0.0
		Channel		631334	633334	635334	Tune-up limit	MPR
		Frequency (MHz)		3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	23.92	24.02	24.03	25.0	0.0
		Channel		631002	633334	635668	Tune-up limit	MPR
		Frequency (MHz)		3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	24.00	23.95	23.90	25.0	0.0
		Channel		630668	633334	636002	Tune-up limit	MPR
		Frequency (MHz)		3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	24.06	23.93	23.98	25.0	0.0
		Channel		630002	633334	636668	Tune-up limit	MPR
		Frequency (MHz)		3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	24.02	23.99	23.91	25.0	0.0
		Channel		629334	633334	637334	Tune-up limit	MPR
		Frequency (MHz)		3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	23.91	24.06	23.91	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.70	23.72	23.70	24.5	0.0
20	PI/2 BPSK	1	53	23.84	23.91	23.79		
20	PI/2 BPSK	1	104	23.43	23.55	23.61		
20	PI/2 BPSK	50	0	23.75	23.92	23.65	24.5	0.0
20	PI/2 BPSK	50	28	23.70	23.70	23.77	24.5	0.0
20	PI/2 BPSK	50	56	23.84	23.97	23.82	24.5	0.0
20	PI/2 BPSK	100	0	23.81	24.06	23.69		
20	QPSK	1	1	23.80	23.84	23.80	24.5	0.0
20	QPSK	1	53	23.49	23.65	23.55		
20	QPSK	1	104	23.66	23.84	23.88		
20	QPSK	50	0	23.18	23.26	23.15	24.0	0.5
20	QPSK	50	28	23.82	23.83	23.75	24.5	0.0
20	QPSK	50	56	23.30	23.48	23.41	24.0	0.5
20	QPSK	100	0	23.21	23.47	23.37		
20	16QAM	1	1	23.41	23.70	23.36	24.0	0.5
20	64QAM	1	1	22.06	22.18	21.89	22.5	2.0
20	256QAM	1	1	20.24	20.31	20.10	20.5	4.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.27	24.22	24.24	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.20	24.27	24.32	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.21	24.30	24.20	24.5	0.0

n7 Ant3 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	24.26	24.42	24.39	25.0	0.0
40	PI/2 BPSK	1	108	24.36	24.39	24.35		
40	PI/2 BPSK	1	214	23.21	23.35	23.23		
40	PI/2 BPSK	108	0	23.80	23.91	23.89	24.5	0.5
40	PI/2 BPSK	108	54	24.27	24.34	24.18	25.0	0.0
40	PI/2 BPSK	108	108	23.81	23.93	23.80	24.5	0.5
40	PI/2 BPSK	216	0	23.74	23.88	23.82		
40	QPSK	1	1	24.34	24.47	24.40	25.0	0.0
40	QPSK	1	108	23.32	23.38	23.29		
40	QPSK	1	214	24.18	24.33	24.19		
40	QPSK	108	0	23.32	23.41	23.29	24.0	1.0
40	QPSK	108	54	24.40	24.42	24.29	25.0	0.0
40	QPSK	108	108	23.34	23.40	23.23	24.0	1.0
40	QPSK	216	0	23.29	23.43	23.29		
40	16QAM	1	1	23.35	23.41	23.33	24.0	1.0
40	64QAM	1	1	21.39	21.56	21.53	22.5	2.5
40	256QAM	1	1	19.69	19.71	19.57	20.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.28	24.32	24.27	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.20	24.41	24.34	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.23	24.35	24.28	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.31	24.37	24.27	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.30	24.31	24.33	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.27	24.39	24.23	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.19	24.35	24.22	25.0	0.0
40	PI/2 BPSK	1	108	24.37	24.33	24.34		
40	PI/2 BPSK	1	214	24.18	24.36	24.31		
40	PI/2 BPSK	108	0	23.75	23.91	23.80	24.5	0.5
40	PI/2 BPSK	108	54	24.22	24.39	24.32	25.0	0.0
40	PI/2 BPSK	108	108	24.03	24.02	23.84	24.5	0.5
40	PI/2 BPSK	216	0	23.81	23.83	23.78		
40	QPSK	1	1	24.39	24.45	24.40	25.0	0.0
40	QPSK	1	108	24.37	24.30	24.30		
40	QPSK	1	214	24.43	24.31	24.41		
40	QPSK	108	0	23.41	23.49	23.26	24.0	1.0
40	QPSK	108	54	24.37	24.40	24.32	25.0	0.0
40	QPSK	108	108	23.32	23.41	23.39	24.0	1.0
40	QPSK	216	0	23.41	23.43	23.35		
40	16QAM	1	1	23.46	23.45	23.23	24.0	1.0
40	64QAM	1	1	21.66	21.78	21.69	22.5	2.5
40	256QAM	1	1	19.83	19.92	19.79	20.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.31	24.33	24.25	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.36	24.30	24.25	25.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.34	24.42	24.30	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.32	24.27	24.37	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.21	24.41	24.25	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.42	24.45	24.36	25.0	0.0
40	PI/2 BPSK	1	53	24.28	24.38	24.32		
40	PI/2 BPSK	1	104	24.27	24.30	24.25		
40	PI/2 BPSK	50	0	23.82	23.89	23.81	24.5	0.5
40	PI/2 BPSK	50	28	24.29	24.38	24.27	25.0	0.0
40	PI/2 BPSK	50	56	23.82	23.91	23.80	24.5	0.5
40	PI/2 BPSK	100	0	23.79	23.89	23.78		
40	QPSK	1	1	23.39	24.47	24.36	25.0	0.0
40	QPSK	1	53	24.28	24.41	24.26		
40	QPSK	1	104	24.15	24.25	24.19		
40	QPSK	50	0	23.25	23.41	23.39	24.0	1.0
40	QPSK	50	28	24.17	24.35	24.30	25.0	0.0
40	QPSK	50	56	23.20	23.31	23.20	24.0	1.0
40	QPSK	100	0	23.31	23.35	23.22		
40	16QAM	1	1	23.15	23.32	23.25	24.0	1.0
40	64QAM	1	1	21.63	21.73	21.70	22.5	2.5
40	256QAM	1	1	19.38	19.48	19.37	20.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.25	24.39	24.25	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.30	24.33	24.20	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.33	24.36	24.27	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.26	24.46	24.23	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.25	24.30	24.28	25.0	0.0
100	PI/2 BPSK	1	137	24.07	24.21	24.23		
100	PI/2 BPSK	1	271	24.36	24.24	24.30		
100	PI/2 BPSK	135	0	23.72	23.85	23.70	24.5	0.5
100	PI/2 BPSK	135	69	24.29	24.30	24.35	25.0	0.0
100	PI/2 BPSK	135	138	23.76	23.79	23.79	24.5	0.5
100	PI/2 BPSK	270	0	23.72	23.74	23.75		
100	QPSK	1	1	24.29	24.39	24.35	25.0	0.0
100	QPSK	1	137	24.30	24.31	24.24		
100	QPSK	1	271	24.31	24.37	24.23		
100	QPSK	135	0	23.30	23.38	23.27	24.0	1.0
100	QPSK	135	69	24.18	24.23	24.19	25.0	0.0
100	QPSK	135	138	23.20	23.37	23.31	24.0	1.0
100	QPSK	270	0	23.19	23.31	23.22		
100	16QAM	1	1	23.10	23.12	22.98	24.0	1.0
100	64QAM	1	1	21.45	21.67	21.61	22.5	2.5
100	256QAM	1	1	19.76	19.74	19.82	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.26	24.36	24.21	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.22	24.25	24.25	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.20	24.32	24.30	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.16	24.34	24.26	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.24	24.22	24.20	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.19	24.25	24.29	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.24	24.30	24.27	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.19	24.32	24.18	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.92	18.99	19.00	19.5	0.0
40	PI/2 BPSK	1	108	19.01	19.00	18.98		
40	PI/2 BPSK	1	214	18.97	18.94	18.95		
40	PI/2 BPSK	108	0	18.94	18.85	19.01	19.5	0.0
40	PI/2 BPSK	108	54	18.86	19.00	18.84	19.5	0.0
40	PI/2 BPSK	108	108	18.85	18.84	18.81	19.5	0.0
40	PI/2 BPSK	216	0	18.93	18.95	18.88		
40	QPSK	1	1	19.00	19.02	18.96	19.5	0.0
40	QPSK	1	108	18.91	18.99	18.94		
40	QPSK	1	214	18.89	18.93	18.90		
40	QPSK	108	0	18.93	18.86	19.00	19.5	0.0
40	QPSK	108	54	18.96	18.99	18.91	19.5	0.0
40	QPSK	108	108	18.81	18.86	18.83	19.5	0.0
40	QPSK	216	0	18.83	18.90	18.85		
40	16QAM	1	1	18.82	18.88	18.90	19.5	0.0
40	64QAM	1	1	18.83	18.92	18.99	19.5	0.0
40	256QAM	1	1	18.24	18.24	18.15	19.0	0.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.90	18.91	18.83	19.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.91	18.86	18.83	19.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.89	18.99	18.87	19.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.87	18.98	18.92	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.95	18.93	18.86	19.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.84	18.96	18.88	19.5	0.0

n66 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.74	22.85	22.80	23.5	0.0
40	PI/2 BPSK	1	108	22.72	22.81	22.77		
40	PI/2 BPSK	1	214	22.69	22.78	22.63		
40	PI/2 BPSK	108	0	21.90	21.99	21.99	23.0	0.5
40	PI/2 BPSK	108	54	22.71	22.79	22.76	23.5	0.0
40	PI/2 BPSK	108	108	22.07	22.26	22.23	23.0	0.5
40	PI/2 BPSK	216	0	22.05	22.25	22.10		
40	QPSK	1	1	22.74	22.88	22.87	23.5	0.0
40	QPSK	1	108	22.78	22.86	22.65		
40	QPSK	1	214	22.75	22.81	22.72		
40	QPSK	108	0	21.42	21.55	21.43	22.5	1.0
40	QPSK	108	54	22.55	22.74	22.70	23.5	0.0
40	QPSK	108	108	21.74	21.83	21.75	22.5	1.0
40	QPSK	216	0	21.65	21.89	21.53		
40	16QAM	1	1	21.39	21.47	21.51	22.5	1.0
40	64QAM	1	1	19.47	19.63	19.50	21.0	2.5
40	256QAM	1	1	17.60	17.68	17.42	19.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.67	22.85	22.79	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.70	22.71	22.78	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.68	22.82	22.75	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.67	22.81	22.85	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.57	22.72	22.69	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.99	19.06	18.96	20.0	0.0
40	PI/2 BPSK	1	53	18.96	19.10	18.98		
40	PI/2 BPSK	1	104	19.06	19.17	19.11		
40	PI/2 BPSK	50	0	19.01	19.16	19.09	20.0	0.0
40	PI/2 BPSK	50	28	18.99	19.08	18.99	20.0	0.0
40	PI/2 BPSK	50	56	19.07	19.09	18.94	20.0	0.0
40	PI/2 BPSK	100	0	19.10	19.13	19.07		
40	QPSK	1	1	19.23	19.26	19.15	20.0	0.0
40	QPSK	1	53	19.01	19.09	18.94		
40	QPSK	1	104	19.03	19.12	19.06		
40	QPSK	50	0	18.97	19.15	19.01	20.0	0.0
40	QPSK	50	28	19.09	19.21	19.18	20.0	0.0
40	QPSK	50	56	18.99	19.10	19.04	20.0	0.0
40	QPSK	100	0	19.05	19.13	19.04		
40	16QAM	1	1	18.93	19.07	19.04	20.0	0.0
40	64QAM	1	1	18.87	19.03	18.99	20.0	0.0
40	256QAM	1	1	17.71	17.83	17.77	19.0	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.18	19.21	19.12	20.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.11	19.14	19.10	20.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.11	19.16	19.03	20.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.12	19.09	19.06	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.92	18.97	18.87	20.0	0.0
100	PI/2 BPSK	1	137	19.01	19.07	18.88		
100	PI/2 BPSK	1	271	18.91	19.02	18.78		
100	PI/2 BPSK	135	0	18.85	18.94	18.73	20.0	0.0
100	PI/2 BPSK	135	69	18.92	19.01	18.89	20.0	0.0
100	PI/2 BPSK	135	138	18.89	19.00	18.71	20.0	0.0
100	PI/2 BPSK	270	0	18.96	18.95	18.68		
100	QPSK	1	1	19.04	19.08	18.83	20.0	0.0
100	QPSK	1	137	18.95	19.04	18.77		
100	QPSK	1	271	18.90	18.92	18.68		
100	QPSK	135	0	18.98	19.02	18.77	20.0	0.0
100	QPSK	135	69	18.92	19.03	18.71	20.0	0.0
100	QPSK	135	138	18.93	18.95	18.79	20.0	0.0
100	QPSK	270	0	18.90	19.01	18.85		
100	16QAM	1	1	18.92	19.03	18.79	20.0	0.0
100	64QAM	1	1	18.94	18.96	18.78	20.0	0.0
100	256QAM	1	1	17.65	17.73	17.61	19.0	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.86	18.99	18.89	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.98	19.01	18.84	20.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.99	19.01	18.90	20.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.97	18.93	18.82	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.93	18.93	18.81	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.98	18.98	18.90	20.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.88	19.01	18.87	20.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.86	18.97	18.89	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	17.83	17.86	17.70	18.5	0.0
40	PI/2 BPSK	1	108	17.75	17.73	17.81		
40	PI/2 BPSK	1	214	17.82	17.71	17.83		
40	PI/2 BPSK	108	0	17.73	17.62	17.72	18.5	0.0
40	PI/2 BPSK	108	54	17.66	17.70	17.60	18.5	0.0
40	PI/2 BPSK	108	108	17.67	17.73	17.70	18.5	0.0
40	PI/2 BPSK	216	0	17.77	17.79	17.75		
40	QPSK	1	1	17.85	17.87	17.73	18.5	0.0
40	QPSK	1	108	17.81	17.83	17.80		
40	QPSK	1	214	17.60	17.61	17.75		
40	QPSK	108	0	17.71	17.68	17.85	18.5	0.0
40	QPSK	108	54	17.71	17.81	17.74	18.5	0.0
40	QPSK	108	108	17.78	17.68	17.66	18.5	0.0
40	QPSK	216	0	17.69	17.79	17.75		
40	16QAM	1	1	17.73	17.66	17.70	18.5	0.0
40	64QAM	1	1	17.58	17.55	17.79	18.5	0.0
40	256QAM	1	1	17.55	17.73	17.64	18.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.74	17.84	17.57	18.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.72	17.77	17.56	18.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	17.82	17.69	17.57	18.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.80	17.73	17.63	18.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.75	17.75	17.55	18.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.82	17.78	17.64	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.76	17.94	17.94	18.5	0.0
40	PI/2 BPSK	1	108	17.81	17.87	17.74		
40	PI/2 BPSK	1	214	17.68	17.71	17.79		
40	PI/2 BPSK	108	0	17.75	17.92	17.91	18.5	0.0
40	PI/2 BPSK	108	54	17.59	17.78	17.83	18.5	0.0
40	PI/2 BPSK	108	108	17.69	17.74	17.96	18.5	0.0
40	PI/2 BPSK	216	0	17.70	17.71	17.86		
40	QPSK	1	1	17.90	17.98	17.78	18.5	0.0
40	QPSK	1	108	17.81	17.86	17.94		
40	QPSK	1	214	17.77	17.72	17.86		
40	QPSK	108	0	17.70	17.88	17.88	18.5	0.0
40	QPSK	108	54	17.81	17.94	17.86	18.5	0.0
40	QPSK	108	108	17.77	17.74	17.87	18.5	0.0
40	QPSK	216	0	17.81	17.89	17.79		
40	16QAM	1	1	17.43	17.69	17.69	18.5	0.0
40	64QAM	1	1	17.42	17.47	17.67	18.5	0.0
40	256QAM	1	1	17.34	17.18	17.23	18.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.71	17.75	17.62	18.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.74	17.75	17.59	18.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.73	17.77	17.63	18.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.79	17.72	17.64	18.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.79	17.81	17.65	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.45	17.47	17.51	18.0	0.0
40	PI/2 BPSK	1	53	17.46	17.43	17.42		
40	PI/2 BPSK	1	104	17.55	17.39	17.58		
40	PI/2 BPSK	50	0	17.35	17.37	17.51	18.0	0.0
40	PI/2 BPSK	50	28	17.49	17.36	17.35	18.0	0.0
40	PI/2 BPSK	50	56	17.26	17.37	17.37	18.0	0.0
40	PI/2 BPSK	100	0	17.52	17.42	17.39		
40	QPSK	1	1	17.55	17.61	17.43	18.0	0.0
40	QPSK	1	53	17.41	17.55	17.42		
40	QPSK	1	104	17.22	17.32	17.54		
40	QPSK	50	0	17.24	17.51	17.54	18.0	0.0
40	QPSK	50	28	17.47	17.55	17.43	18.0	0.0
40	QPSK	50	56	17.44	17.41	17.37	18.0	0.0
40	QPSK	100	0	17.36	17.46	17.41		
40	16QAM	1	1	17.40	17.39	17.33	18.0	0.0
40	64QAM	1	1	17.29	17.29	17.40	18.0	0.0
40	256QAM	1	1	17.19	17.33	17.39	18.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.53	17.54	17.39	18.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.51	17.52	17.37	18.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.51	17.51	17.39	18.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.51	17.47	17.37	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.43	17.49	17.51	18.0	0.0
100	PI/2 BPSK	1	137	17.35	17.55	17.54		
100	PI/2 BPSK	1	271	17.52	17.46	17.48		
100	PI/2 BPSK	135	0	17.36	17.34	17.47	18.0	0.0
100	PI/2 BPSK	135	69	17.39	17.33	17.33	18.0	0.0
100	PI/2 BPSK	135	138	17.30	17.39	17.22	18.0	0.0
100	PI/2 BPSK	270	0	17.46	17.49	17.38		
100	QPSK	1	1	17.47	17.57	17.55	18.0	0.0
100	QPSK	1	137	17.41	17.48	17.43		
100	QPSK	1	271	17.21	17.36	17.35		
100	QPSK	135	0	17.29	17.32	17.47	18.0	0.0
100	QPSK	135	69	17.46	17.55	17.45	18.0	0.0
100	QPSK	135	138	17.31	17.36	17.29	18.0	0.0
100	QPSK	270	0	17.40	17.48	17.44		
100	16QAM	1	1	17.35	17.33	17.49	18.0	0.0
100	64QAM	1	1	17.23	17.27	17.48	18.0	0.0
100	256QAM	1	1	17.20	17.45	17.38	18.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.32	17.43	17.46	18.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.37	17.53	17.44	18.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.44	17.50	17.43	18.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.41	17.40	17.42	18.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.40	17.42	17.51	18.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.42	17.44	17.43	18.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.31	17.41	17.42	18.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.44	17.48	17.45	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.13	15.13	15.11	15.5	0.0
100	PI/2 BPSK	1	137	14.94	15.03	15.04		
100	PI/2 BPSK	1	271	14.98	15.04	15.10		
100	PI/2 BPSK	135	0	15.09	14.92	14.94	15.5	0.0
100	PI/2 BPSK	135	69	14.90	15.01	14.86	15.5	0.0
100	PI/2 BPSK	135	138	14.99	14.97	15.05	15.5	0.0
100	PI/2 BPSK	270	0	15.06	15.15	14.97		
100	QPSK	1	1	15.11	15.17	15.12	15.5	0.0
100	QPSK	1	137	15.04	15.08	15.05		
100	QPSK	1	271	14.89	14.90	14.94		
100	QPSK	135	0	14.89	15.05	15.09	15.5	0.0
100	QPSK	135	69	15.06	15.15	15.10	15.5	0.0
100	QPSK	135	138	15.04	15.06	15.01	15.5	0.0
100	QPSK	270	0	15.03	15.10	14.96		
100	16QAM	1	1	15.04	15.06	14.98	15.5	0.0
100	64QAM	1	1	15.09	15.12	15.09	15.5	0.0
100	256QAM	1	1	15.04	15.10	15.09	15.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.98	15.08	14.98	15.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.01	15.03	14.96	15.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.05	15.11	14.97	15.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.05	15.10	15.09	15.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.08	15.01	15.06	15.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.93	15.00	15.10	15.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.02	15.10	15.08	15.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.08	15.09	15.08	15.5	0.0
Channel				647168	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.06	15.14	15.08	15.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.95	15.05	15.08	15.5	0.0

PC3 Part27Q n77 Ant9 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.14		15.5	0.0
100	PI/2 BPSK	1	137		15.02			
100	PI/2 BPSK	1	271		15.05			
100	PI/2 BPSK	135	0		14.91		15.5	0.0
100	PI/2 BPSK	135	69		15.05		15.5	0.0
100	PI/2 BPSK	135	138		14.76		15.5	0.0
100	PI/2 BPSK	270	0		15.14			
100	QPSK	1	1		15.20		15.5	0.0
100	QPSK	1	137		15.11			
100	QPSK	1	271		14.93			
100	QPSK	135	0		15.05		15.5	0.0
100	QPSK	135	69		15.14		15.5	0.0
100	QPSK	135	138		14.93		15.5	0.0
100	QPSK	270	0		15.01			
100	16QAM	1	1		14.98		15.5	0.0
100	64QAM	1	1		14.95		15.5	0.0
100	256QAM	1	1		14.94		15.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.16	15.09	15.18	15.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.14	15.12	15.02	15.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.09	15.08	15.13	15.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.10	15.16	15.08	15.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.03	15.04	15.10	15.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.10	15.07	15.08	15.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.03	15.06	15.04	15.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.05	15.03	15.07	15.5	0.0
Channel				630000	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.04	15.14	15.15	15.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.03	15.17	15.11	15.5	0.0

PC3 Part27O n78 Ant9 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.54		17.5	0.0
100	PI/2 BPSK	1	137		15.65			
100	PI/2 BPSK	1	271		15.57			
100	PI/2 BPSK	135	0		15.60		17.5	0.0
100	PI/2 BPSK	135	69		15.65		17.5	0.0
100	PI/2 BPSK	135	138		15.51		17.5	0.0
100	PI/2 BPSK	270	0		15.63			
100	QPSK	1	1		15.67		17.5	0.0
100	QPSK	1	137		15.61			
100	QPSK	1	271		15.52			
100	QPSK	135	0		15.59		17.5	0.0
100	QPSK	135	69		15.61		17.5	0.0
100	QPSK	135	138		15.54		17.5	0.0
100	QPSK	270	0		15.55			
100	16QAM	1	1		15.51		17.5	0.0
100	64QAM	1	1		15.53		17.5	0.0
100	256QAM	1	1		15.59		17.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.62	15.54	15.61	17.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.59	15.59	15.62	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.58	15.62	15.63	17.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.60	15.64	15.58	17.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.55	15.64	15.55	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.51	15.51	15.57	17.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.61	15.57	15.62	17.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.56	15.60	15.55	17.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.56	15.60	15.55	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.51	15.65	15.57	17.5	0.0

PC2 Part27O n78 Ant9 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.67		20.5	0.0
100	PI/2 BPSK	1	137		18.57			
100	PI/2 BPSK	1	271		18.62			
100	PI/2 BPSK	135	0		18.61		20.5	0.0
100	PI/2 BPSK	135	69		18.58		20.5	0.0
100	PI/2 BPSK	135	138		18.58		20.5	0.0
100	PI/2 BPSK	270	0		18.62			
100	QPSK	1	1		18.74		20.5	0.0
100	QPSK	1	137		18.68			
100	QPSK	1	271		18.66			
100	QPSK	135	0		18.61		20.5	0.0
100	QPSK	135	69		18.70		20.5	0.0
100	QPSK	135	138		18.65		20.5	0.0
100	QPSK	270	0		18.68			
100	16QAM	1	1		18.66		20.5	0.0
100	64QAM	1	1		18.67		20.5	0.0
100	256QAM	1	1		18.62		20.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.65	18.53	18.63	20.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.57	18.60	18.54	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.56	18.61	18.54	20.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.54	18.51	18.56	20.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.56	18.61	18.54	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.60	18.54	18.53	20.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.58	18.57	18.51	20.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.54	18.56	18.57	20.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.56	18.52	18.51	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.56	18.52	18.56	20.5	0.0

PC3 Part27Q n78 Ant9 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.61		17.5	0.0
100	PI/2 BPSK	1	137		15.55			
100	PI/2 BPSK	1	271		15.60			
100	PI/2 BPSK	135	0		15.58		17.5	0.0
100	PI/2 BPSK	135	69		15.54		17.5	0.0
100	PI/2 BPSK	135	138		15.51		17.5	0.0
100	PI/2 BPSK	270	0		15.53			
100	QPSK	1	1		15.63		17.5	0.0
100	QPSK	1	137		15.58			
100	QPSK	1	271		15.52			
100	QPSK	135	0		15.54		17.5	0.0
100	QPSK	135	69		15.59		17.5	0.0
100	QPSK	135	138		15.51		17.5	0.0
100	QPSK	270	0		15.54			
100	16QAM	1	1		15.53		17.5	0.0
100	64QAM	1	1		15.60		17.5	0.0
100	256QAM	1	1		15.62		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.56	15.51	15.54	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.58	15.61	15.56	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.57	15.57	15.58	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.56	15.57	15.58	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.51	15.56	15.55	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.52	15.57	15.60	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.61	15.53	15.54	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.51	15.51	15.55	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.58	15.59	15.53	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.54	15.51	15.61	17.5	0.0

PC2 Part27Q n78 Ant9 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.56		20.5	0.0
100	PI/2 BPSK	1	137		18.51			
100	PI/2 BPSK	1	271		18.54			
100	QPSK	135	0		18.52		20.5	0.0
100	PI/2 BPSK	135	69		18.52		20.5	0.0
100	PI/2 BPSK	135	138		18.56		20.5	0.0
100	PI/2 BPSK	270	0		18.60			
100	QPSK	1	1		18.69		20.5	0.0
100	QPSK	1	137		18.66			
100	QPSK	1	271		18.53			
100	QPSK	135	0		18.56		20.5	0.0
100	QPSK	135	69		18.61		20.5	0.0
100	QPSK	135	138		18.53		20.5	0.0
100	QPSK	270	0		18.53			
100	16QAM	1	1		18.55		20.5	0.0
100	64QAM	1	1		18.54		20.5	0.0
100	256QAM	1	1		18.52		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.59	18.57	18.59	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.58	18.56	18.53	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.58	18.57	18.51	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.60	18.56	18.56	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.64	18.53	18.57	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.66	18.61	18.58	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.57	18.55	18.60	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.61	18.56	18.51	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.63	18.54	18.52	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.65	18.57	18.55	20.5	0.0

PC3 Part27O n77 Ant10 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	24.56	24.63	24.61	25.7	0.0
100	PI/2 BPSK	1	137	24.51	24.65	24.59		
100	PI/2 BPSK	1	271	24.64	24.69	24.66		
100	PI/2 BPSK	135	0	24.20	24.22	24.13	25.2	0.5
100	PI/2 BPSK	135	69	24.53	24.64	24.55	25.7	0.0
100	PI/2 BPSK	135	138	24.13	24.16	24.08	25.2	0.5
100	PI/2 BPSK	270	0	24.10	24.22	24.04		
100	QPSK	1	1	24.62	24.73	24.68	25.7	0.0
100	QPSK	1	137	24.52	24.62	24.58		
100	QPSK	1	271	24.55	24.59	24.54		
100	QPSK	135	0	23.57	23.69	23.65	24.7	1.0
100	QPSK	135	69	24.53	24.67	24.59	25.7	0.0
100	QPSK	135	138	23.58	23.69	23.53	24.7	1.0
100	QPSK	270	0	23.58	23.74	23.56		
100	16QAM	1	1	23.51	23.54	23.59	24.7	1.0
100	64QAM	1	1	22.13	22.07	22.02	23.2	2.5
100	256QAM	1	1	20.10	20.16	20.13	21.2	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.59	24.67	24.58	25.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.52	24.68	24.58	25.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.52	24.64	24.51	25.7	0.0
Channel				649668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.58	24.59	24.52	25.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.54	24.58	24.65	25.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.57	24.64	24.51	25.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.55	24.56	24.55	25.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.59	24.70	24.63	25.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.52	24.69	24.55	25.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.51	24.58	24.57	25.7	0.0

PC3 Part27Q n77 Ant10 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.07		25.7	0.0
100	PI/2 BPSK	1	137		25.03			
100	PI/2 BPSK	1	271		24.96			
100	PI/2 BPSK	135	0		24.41		25.2	0.5
100	PI/2 BPSK	135	69		24.93		25.7	0.0
100	PI/2 BPSK	135	138		24.45		25.2	0.5
100	PI/2 BPSK	270	0		24.40			
100	QPSK	1	1		25.09		25.7	0.0
100	QPSK	1	137		24.94			
100	QPSK	1	271		25.06			
100	QPSK	135	0		23.92		24.7	1.0
100	QPSK	135	69		24.91		25.7	0.0
100	QPSK	135	138		23.97		24.7	1.0
100	QPSK	270	0		23.93			
100	16QAM	1	1		24.04		24.7	1.0
100	64QAM	1	1		22.21		23.2	2.5
100	256QAM	1	1		20.12		21.2	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.92	24.92	24.95	25.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.91	24.99	25.06	25.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.00	25.06	24.92	25.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.98	24.95	24.98	25.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.02	25.04	24.93	25.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.91	24.99	25.04	25.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.98	25.07	24.93	25.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.03	25.00	25.06	25.7	0.0
Channel				630000	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.01	25.01	25.00	25.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.07	24.95	25.02	25.7	0.0

PC3 Part27O n78 Ant10 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		22.73		24.5	0.0
100	PI/2 BPSK	1	137		22.81			
100	PI/2 BPSK	1	271		22.75			
100	PI/2 BPSK	135	0		22.67		24.5	0.0
100	PI/2 BPSK	135	69		22.68		24.5	0.0
100	PI/2 BPSK	135	138		22.77		24.5	0.0
100	PI/2 BPSK	270	0		22.67			
100	QPSK	1	1		22.87		24.5	0.0
100	QPSK	1	137		22.72			
100	QPSK	1	271		22.74			
100	QPSK	135	0		22.61		24.5	0.0
100	QPSK	135	69		22.71		24.5	0.0
100	QPSK	135	138		22.65		24.5	0.0
100	QPSK	270	0		22.69			
100	16QAM	1	1		22.75		24.5	0.0
100	64QAM	1	1		21.20		23.0	1.5
100	256QAM	1	1		19.30		21.0	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.74	22.71	22.80	24.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.82	22.72	22.80	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.79	22.78	22.80	24.5	0.0
Channel				649668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.82	22.75	22.78	24.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.80	22.74	22.81	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.72	22.80	22.71	24.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.82	22.84	22.81	24.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.75	22.75	22.82	24.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.71	22.77	22.84	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.78	22.83	22.81	24.5	0.0

PC2 Part27O n78 Ant10 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		25.62		27.5	0.0
100	PI/2 BPSK	1	137		25.60			
100	PI/2 BPSK	1	271		25.55			
100	PI/2 BPSK	135	0		25.14		27.0	0.5
100	PI/2 BPSK	135	69		25.67		27.5	0.0
100	PI/2 BPSK	135	138		25.14		27.0	0.5
100	PI/2 BPSK	270	0		25.17			
100	QPSK	1	1		25.69		27.5	0.0
100	QPSK	1	137		25.67			
100	QPSK	1	271		25.59			
100	QPSK	135	0		24.65		26.5	1.0
100	QPSK	135	69		25.61		27.5	0.0
100	QPSK	135	138		24.60		26.5	1.0
100	QPSK	270	0		24.62			
100	16QAM	1	1		24.52		26.5	1.0
100	64QAM	1	1		23.27		25.0	2.5
100	256QAM	1	1		21.25		23.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.54	25.53	25.63	27.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.56	25.57	25.54	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.64	25.55	25.54	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.63	25.61	25.57	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.56	25.54	25.66	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.65	25.58	25.55	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.52	25.60	25.56	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.57	25.66	25.61	27.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.58	25.52	25.54	27.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.55	25.65	25.56	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.49		24.5	0.0
100	PI/2 BPSK	1	137		23.46			
100	PI/2 BPSK	1	271		23.42			
100	PI/2 BPSK	135	0		23.27		24.5	0.0
100	PI/2 BPSK	135	69		23.38		24.5	0.0
100	PI/2 BPSK	135	138		23.42		24.5	0.0
100	PI/2 BPSK	270	0		23.24			
100	QPSK	1	1		23.56		24.5	0.0
100	QPSK	1	137		23.28			
100	QPSK	1	271		23.54			
100	QPSK	135	0		23.41		24.5	0.0
100	QPSK	135	69		23.48		24.5	0.0
100	QPSK	135	138		23.42		24.5	0.0
100	QPSK	270	0		23.33			
100	16QAM	1	1		23.23		24.5	0.0
100	64QAM	1	1		21.59		23.0	1.5
100	256QAM	1	1		19.58		21.0	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.42	23.43	23.53	24.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.52	23.50	23.46	24.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.50	23.44	23.43	24.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.50	23.50	23.47	24.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.45	23.49	23.53	24.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.39	23.51	23.50	24.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.42	23.47	23.42	24.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.52	23.39	23.41	24.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.40	23.44	23.52	24.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.52	23.48	23.41	24.5	0.0

PC2 Part27Q 78 Ant10 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.26		27.5	0.0
100	PI/2 BPSK	1	137		26.27			
100	PI/2 BPSK	1	271		26.29			
100	QPSK	135	0		25.76		27.0	0.5
100	QPSK	135	69		26.14		27.5	0.0
100	QPSK	135	138		25.75		27.0	0.5
100	QPSK	270	0		25.86			
100	QPSK	1	1		26.36		27.5	0.0
100	QPSK	1	137		26.32			
100	QPSK	1	271		26.18			
100	QPSK	135	0		25.30		26.5	1.0
100	QPSK	135	69		26.32		27.5	0.0
100	QPSK	135	138		25.28		26.5	1.0
100	QPSK	270	0		25.34			
100	16QAM	1	1		25.23		26.5	1.0
100	64QAM	1	1		23.48		25.0	2.5
100	256QAM	1	1		21.32		23.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.90	25.94	25.95	27.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.92	25.89	25.86	27.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.97	25.90	25.86	27.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.91	25.91	25.89	27.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.88	25.88	25.89	27.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.86	25.89	25.90	27.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.94	25.94	25.93	27.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.86	25.96	25.86	27.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.98	25.84	25.89	27.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.87	25.86	25.89	27.5	0.0

PC3 Part27O n77 Ant11 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.34	15.23	15.24	16.2	0.0
100	PI/2 BPSK	1	137	15.11	15.24	15.24		
100	PI/2 BPSK	1	271	15.17	15.24	15.32		
100	PI/2 BPSK	135	0	15.12	15.09	15.16	16.2	0.0
100	PI/2 BPSK	135	69	15.06	15.25	15.16	16.2	0.0
100	PI/2 BPSK	135	138	15.18	15.08	15.11	16.2	0.0
100	PI/2 BPSK	270	0	15.18	15.32	15.07		
100	QPSK	1	1	15.29	15.37	15.24	16.2	0.0
100	QPSK	1	137	15.25	15.28	15.20		
100	QPSK	1	271	15.03	15.08	15.17		
100	QPSK	135	0	15.11	15.29	15.28	16.2	0.0
100	QPSK	135	69	15.20	15.33	15.31	16.2	0.0
100	QPSK	135	138	15.05	15.21	15.22	16.2	0.0
100	QPSK	270	0	15.12	15.29	15.23		
100	16QAM	1	1	15.13	15.17	15.17	16.2	0.0
100	64QAM	1	1	15.18	15.22	15.30	16.2	0.0
100	256QAM	1	1	15.20	15.29	15.14	16.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.16	15.24	15.09	16.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.23	15.33	15.22	16.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.22	15.34	15.10	16.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.12	15.26	15.12	16.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.25	15.30	15.17	16.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.13	15.29	15.11	16.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.22	15.19	15.07	16.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.26	15.31	15.20	16.2	0.0
Channel				647168	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.13	15.20	15.08	16.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.23	15.27	15.20	16.2	0.0

PC3 Part27Q n77 Ant11 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.42		16.2	0.0
100	PI/2 BPSK	1	137		15.36			
100	PI/2 BPSK	1	271		15.28			
100	PI/2 BPSK	135	0		15.23		16.2	0.0
100	PI/2 BPSK	135	69		15.35		16.2	0.0
100	PI/2 BPSK	135	138		15.12		16.2	0.0
100	PI/2 BPSK	270	0		15.39			
100	QPSK	1	1		15.47		16.2	0.0
100	QPSK	1	137		15.41			
100	QPSK	1	271		15.20			
100	QPSK	135	0		15.42		16.2	0.0
100	QPSK	135	69		15.45		16.2	0.0
100	QPSK	135	138		15.31		16.2	0.0
100	QPSK	270	0		15.39			
100	16QAM	1	1		15.20		16.2	0.0
100	64QAM	1	1		15.30		16.2	0.0
100	256QAM	1	1		15.44		16.2	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.32	15.38	15.44	16.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.45	15.33	15.37	16.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.29	15.35	15.32	16.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.30	15.36	15.35	16.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.44	15.35	15.45	16.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.35	15.41	15.43	16.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.40	15.44	15.40	16.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.32	15.38	15.31	16.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.31	15.32	15.38	16.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.40	15.39	15.37	16.2	0.0

PC3 Part27O n78 Ant11 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.16		16.5	0.0
100	PI/2 BPSK	1	137		15.18			
100	PI/2 BPSK	1	271		15.06			
100	PI/2 BPSK	135	0		14.96		16.5	0.0
100	PI/2 BPSK	135	69		15.13		16.5	0.0
100	PI/2 BPSK	135	138		15.06		16.5	0.0
100	PI/2 BPSK	270	0		15.16			
100	QPSK	1	1		15.21		16.5	0.0
100	QPSK	1	137		15.17			
100	QPSK	1	271		15.06			
100	QPSK	135	0		15.14		16.5	0.0
100	QPSK	135	69		15.18		16.5	0.0
100	QPSK	135	138		15.11		16.5	0.0
100	QPSK	270	0		15.12			
100	16QAM	1	1		15.07		16.5	0.0
100	64QAM	1	1		15.16		16.5	0.0
100	256QAM	1	1		15.18		16.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.14	15.16	15.17	16.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.18	15.19	15.10	16.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.03	15.04	15.08	16.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.04	15.15	15.05	16.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.18	15.13	15.16	16.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.12	15.07	15.08	16.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.11	15.12	15.15	16.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.07	15.08	15.18	16.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.14	15.18	15.15	16.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.03	15.03	15.16	16.5	0.0

PC2 Part27O n78 Ant11 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.10		19.5	0.0
100	PI/2 BPSK	1	137		18.17			
100	PI/2 BPSK	1	271		18.10			
100	PI/2 BPSK	135	0		18.08		19.5	0.0
100	PI/2 BPSK	135	69		18.12		19.5	0.0
100	PI/2 BPSK	135	138		18.01		19.5	0.0
100	PI/2 BPSK	270	0		18.10			
100	QPSK	1	1		18.29		19.5	0.0
100	QPSK	1	137		18.22			
100	QPSK	1	271		18.15			
100	QPSK	135	0		18.08		19.5	0.0
100	QPSK	135	69		18.25		19.5	0.0
100	QPSK	135	138		18.09		19.5	0.0
100	QPSK	270	0		18.18			
100	16QAM	1	1		18.08		19.5	0.0
100	64QAM	1	1		18.11		19.5	0.0
100	256QAM	1	1		18.04		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	18.11	18.10	18.15	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	18.20	18.15	18.10	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.14	18.12	18.18	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	18.14	18.20	18.15	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	18.18	18.12	18.11	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.15	18.13	18.13	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	18.15	18.17	18.13	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	18.18	18.15	18.11	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	18.19	18.16	18.14	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.19	18.16	18.19	19.5	0.0

PC3 Part27Q n78 Ant11 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.57		16.5	0.0
100	PI/2 BPSK	1	137		15.62			
100	PI/2 BPSK	1	271		15.52			
100	PI/2 BPSK	135	0		15.58		16.5	0.0
100	PI/2 BPSK	135	69		15.56		16.5	0.0
100	PI/2 BPSK	135	138		15.47		16.5	0.0
100	PI/2 BPSK	270	0		15.48			
100	QPSK	1	1		15.69		16.5	0.0
100	QPSK	1	137		15.59			
100	QPSK	1	271		15.52			
100	QPSK	135	0		15.57		16.5	0.0
100	QPSK	135	69		15.63		16.5	0.0
100	QPSK	135	138		15.53		16.5	0.0
100	QPSK	270	0		15.58			
100	16QAM	1	1		15.47		16.5	0.0
100	64QAM	1	1		15.50		16.5	0.0
100	256QAM	1	1		15.63		16.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.52	15.67	15.66	16.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.61	15.60	15.55	16.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.59	15.65	15.58	16.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.60	15.61	15.54	16.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.55	15.52	15.65	16.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.61	15.54	15.61	16.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.53	15.62	15.53	16.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.55	15.55	15.54	16.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.53	15.57	15.60	16.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.56	15.62	15.62	16.5	0.0

PC2 Part27Q n78 Ant11 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.61		19.5	0.0
100	PI/2 BPSK	1	137		18.63			
100	PI/2 BPSK	1	271		18.50			
100	PI/2 BPSK	135	0		18.61		19.5	0.0
100	PI/2 BPSK	135	69		18.62		19.5	0.0
100	PI/2 BPSK	135	138		18.54		19.5	0.0
100	PI/2 BPSK	270	0		18.59			
100	QPSK	1	1		18.65		19.5	0.0
100	QPSK	1	137		18.55			
100	QPSK	1	271		18.57			
100	QPSK	135	0		18.60		19.5	0.0
100	QPSK	135	69		18.63		19.5	0.0
100	QPSK	135	138		18.59		19.5	0.0
100	QPSK	270	0		18.61			
100	16QAM	1	1		18.56		19.5	0.0
100	64QAM	1	1		18.55		19.5	0.0
100	256QAM	1	1		18.51		19.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.56	18.56	18.52	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.50	18.57	18.60	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.53	18.61	18.60	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.54	18.54	18.52	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.47	18.62	18.52	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.57	18.59	18.59	19.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.51	18.64	18.56	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.56	18.59	18.55	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.50	18.61	18.54	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.55	18.62	18.61	19.5	0.0

Reduced Power Mode for DSI 1_ENDC

n5 Ant1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.65	20.69	20.52	21.5	0.0
20	PI/2 BPSK	1	53	20.67	20.71	20.57		
20	PI/2 BPSK	1	104	20.18	20.50	20.47		
20	PI/2 BPSK	50	0	20.64	20.66	20.63	21.5	0.0
20	PI/2 BPSK	50	28	20.58	20.66	20.60	21.5	0.0
20	PI/2 BPSK	50	56	20.57	20.73	20.58	21.5	0.0
20	PI/2 BPSK	100	0	20.65	20.64	20.45		
20	QPSK	1	1	20.70	20.75	20.63	21.5	0.0
20	QPSK	1	53	20.33	20.49	20.49		
20	QPSK	1	104	20.45	20.64	20.62		
20	QPSK	50	0	20.43	20.51	20.57	21.5	0.0
20	QPSK	50	28	20.64	20.70	20.60	21.5	0.0
20	QPSK	50	56	20.67	20.40	20.64	21.5	0.0
20	QPSK	100	0	20.52	20.54	20.53		
20	16QAM	1	1	20.48	20.41	20.52	21.5	0.0
20	64QAM	1	1	20.53	20.53	20.42	21.5	0.0
20	256QAM	1	1	19.89	19.89	19.82	20.5	1.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.61	20.63	20.53	21.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.25	20.45	20.39	21.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.27	20.39	20.35	21.5	0.0

n66 Ant4 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.21	20.31	20.13	21.0	0.0
40	PI/2 BPSK	1	108	20.11	20.17	20.17		
40	PI/2 BPSK	1	214	20.17	20.23	20.15		
40	PI/2 BPSK	108	0	19.94	19.87	19.95	21.0	0.0
40	PI/2 BPSK	108	54	20.07	20.15	20.15	21.0	0.0
40	PI/2 BPSK	108	108	20.08	20.11	20.16	21.0	0.0
40	PI/2 BPSK	216	0	19.99	20.24	20.12		
40	QPSK	1	1	20.06	20.39	20.20	21.0	0.0
40	QPSK	1	108	20.30	20.26	20.02		
40	QPSK	1	214	20.16	20.22	20.25		
40	QPSK	108	0	19.92	19.92	19.79	21.0	0.0
40	QPSK	108	54	19.92	20.32	20.13	21.0	0.0
40	QPSK	108	108	20.09	20.20	20.28	21.0	0.0
40	QPSK	216	0	20.05	20.30	19.88		
40	16QAM	1	1	19.79	19.93	19.87	21.0	0.0
40	64QAM	1	1	19.46	19.50	19.36	21.0	0.0
40	256QAM	1	1	17.61	17.71	17.23	19.0	2.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.19	20.30	20.30	21.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.12	20.25	20.21	21.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.12	20.20	20.20	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.12	20.27	20.35	21.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.06	20.29	20.29	21.0	0.0

n38 Ant4 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.51	15.77	15.64	17.0	0.0
40	PI/2 BPSK	1	53	15.68	15.70	15.80		
40	PI/2 BPSK	1	104	15.72	15.75	15.54		
40	PI/2 BPSK	50	0	15.68	15.61	15.45	17.0	0.0
40	PI/2 BPSK	50	28	15.40	15.78	15.38	17.0	0.0
40	PI/2 BPSK	50	56	15.65	15.76	15.26	17.0	0.0
40	PI/2 BPSK	100	0	15.62	15.86	15.47		
40	QPSK	1	1	15.66	15.94	15.57	17.0	0.0
40	QPSK	1	53	15.71	15.72	15.34		
40	QPSK	1	104	15.48	15.68	15.42		
40	QPSK	50	0	15.59	15.70	15.42	17.0	0.0
40	QPSK	50	28	15.64	15.73	15.49	17.0	0.0
40	QPSK	50	56	15.59	15.73	15.42	17.0	0.0
40	QPSK	100	0	15.66	15.68	15.64		
40	16QAM	1	1	15.66	15.78	15.59	17.0	0.0
40	64QAM	1	1	15.66	15.63	15.66	17.0	0.0
40	256QAM	1	1	15.46	15.26	15.02	17.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.84	15.87	15.82	17.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	15.74	15.93	15.84	17.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.77	15.83	15.64	17.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.93	15.67	15.88	17.0	0.0

n41 Ant4 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.84	16.09	15.87	17.0	0.0
100	PI/2 BPSK	1	137	15.94	16.02	15.98		
100	PI/2 BPSK	1	271	16.00	15.94	15.76		
100	PI/2 BPSK	135	0	15.95	16.00	15.63	17.0	0.0
100	PI/2 BPSK	135	69	15.82	16.00	15.80	17.0	0.0
100	PI/2 BPSK	135	138	16.01	16.07	15.63	17.0	0.0
100	PI/2 BPSK	270	0	15.95	16.05	15.66		
100	QPSK	1	1	16.03	16.14	15.77	17.0	0.0
100	QPSK	1	137	15.94	16.04	15.76		
100	QPSK	1	271	15.89	16.01	15.62		
100	QPSK	135	0	15.95	15.88	15.83	17.0	0.0
100	QPSK	135	69	15.92	15.97	15.77	17.0	0.0
100	QPSK	135	138	15.86	15.95	15.71	17.0	0.0
100	QPSK	270	0	15.88	16.00	15.82		
100	16QAM	1	1	15.94	16.05	15.78	17.0	0.0
100	64QAM	1	1	15.89	16.05	15.86	17.0	0.0
100	256QAM	1	1	15.73	15.60	15.08	17.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.86	15.91	15.81	17.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.92	16.05	15.78	17.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.98	15.97	15.82	17.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.99	15.82	15.78	17.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.85	15.82	15.85	17.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.97	16.02	15.88	17.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.90	15.95	15.99	17.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.76	15.90	15.83	17.0	0.0

n7 Ant5 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	14.87	14.95	14.66	15.5	0.0
40	PI/2 BPSK	1	108	14.78	14.72	14.84		
40	PI/2 BPSK	1	214	14.81	14.63	14.80		
40	PI/2 BPSK	108	0	14.82	14.70	14.69	15.5	0.0
40	PI/2 BPSK	108	54	14.75	14.70	14.60	15.5	0.0
40	PI/2 BPSK	108	108	14.66	14.69	14.77	15.5	0.0
40	PI/2 BPSK	216	0	14.86	14.71	14.68		
40	QPSK	1	1	14.92	14.96	14.73	15.5	0.0
40	QPSK	1	108	14.85	14.87	14.90		
40	QPSK	1	214	14.64	14.55	14.82		
40	QPSK	108	0	14.59	14.73	14.94	15.5	0.0
40	QPSK	108	54	14.76	14.81	14.72	15.5	0.0
40	QPSK	108	108	14.68	14.70	14.68	15.5	0.0
40	QPSK	216	0	14.65	14.74	14.63		
40	16QAM	1	1	14.69	14.66	14.62	15.5	0.0
40	64QAM	1	1	14.57	14.63	14.84	15.5	0.0
40	256QAM	1	1	14.49	14.84	14.57	15.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.70	14.75	14.65	15.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.72	14.67	14.61	15.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	14.91	14.67	14.59	15.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.70	14.71	14.75	15.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.65	14.76	14.45	15.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.71	14.76	14.59	15.5	0.0

n66 Ant5 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.08	15.16	15.04	16.0	0.0
40	PI/2 BPSK	1	108	15.02	15.13	14.86		
40	PI/2 BPSK	1	214	14.86	14.95	14.91		
40	PI/2 BPSK	108	0	14.88	15.15	15.14	16.0	0.0
40	PI/2 BPSK	108	54	14.75	14.98	15.07	16.0	0.0
40	PI/2 BPSK	108	108	14.78	14.97	15.08	16.0	0.0
40	PI/2 BPSK	216	0	14.83	14.96	15.07		
40	QPSK	1	1	15.16	15.24	14.90	16.0	0.0
40	QPSK	1	108	15.06	14.99	15.21		
40	QPSK	1	214	14.88	14.98	14.99		
40	QPSK	108	0	14.90	15.00	15.02	16.0	0.0
40	QPSK	108	54	15.03	15.13	15.10	16.0	0.0
40	QPSK	108	108	15.08	14.90	15.05	16.0	0.0
40	QPSK	216	0	15.02	15.09	14.89		
40	16QAM	1	1	14.59	14.88	14.84	16.0	0.0
40	64QAM	1	1	14.66	14.74	14.93	16.0	0.0
40	256QAM	1	1	14.63	14.42	14.36	16.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	14.80	15.01	14.76	16.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.05	14.90	14.69	16.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	14.81	14.89	14.75	16.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	14.97	15.01	14.85	16.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	14.90	15.08	14.83	16.0	0.0

PC3 Part27O n78 Ant9 for ENDC

BW [MHz]	Modulation	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		13.28			
100	PI/2 BPSK	1	137		13.46		15.5	0.0
100	PI/2 BPSK	1	271		13.32			
100	PI/2 BPSK	135	0		13.48		15.5	0.0
100	PI/2 BPSK	135	69		13.54		15.5	0.0
100	PI/2 BPSK	135	138		13.41		15.5	0.0
100	PI/2 BPSK	270	0		13.32			
100	QPSK	1	1		13.55			
100	QPSK	1	137		13.48		15.5	0.0
100	QPSK	1	271		13.27			
100	QPSK	135	0		13.36		15.5	0.0
100	QPSK	135	69		13.51		15.5	0.0
100	QPSK	135	138		13.26		15.5	0.0
100	QPSK	270	0		13.38		15.5	0.0
100	16QAM	1	1		13.33		15.5	0.0
100	64QAM	1	1		13.29		15.5	0.0
100	256QAM	1	1		13.33		15.5	0.0
	Channel			649668	650000	650334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	13.39	13.35	13.34	15.5	0.0
	Channel			649334	650000	650668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	13.27	13.29	13.51	15.5	0.0
	Channel			649002	650002	651002	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	13.38	13.46	13.37	15.5	0.0
	Channel			648668	650002	651334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	13.45	13.34	13.33	15.5	0.0
	Channel			648334	650002	651668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	13.29	13.52	13.35	15.5	0.0
	Channel			648002	650002	652002	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	13.20	13.38	13.27	15.5	0.0
	Channel			647668	650002	652334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	13.49	13.28	13.32	15.5	0.0
	Channel			647334	650002	652668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	13.38	13.29	13.31	15.5	0.0
	Channel			647168	650002	652834	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	13.43	13.49	13.32	15.5	0.0
	Channel			647002	650002	653002	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	13.39	13.45	13.28	15.5	0.0

PC2 Part27O n78 Ant9 for ENDC

BW [MHz]	Modulation	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		16.53			
100	PI/2 BPSK	1	137		16.59		18.5	0.0
100	PI/2 BPSK	1	271		16.57			
100	PI/2 BPSK	135	0		16.53		18.5	0.0
100	PI/2 BPSK	135	69		16.54		18.5	0.0
100	PI/2 BPSK	135	138		16.51		18.5	0.0
100	PI/2 BPSK	270	0		16.54			
100	QPSK	1	1		16.62			
100	QPSK	1	137		16.51		18.5	0.0
100	QPSK	1	271		16.57			
100	QPSK	135	0		16.53		18.5	0.0
100	QPSK	135	69		16.55		18.5	0.0
100	QPSK	135	138		16.51		18.5	0.0
100	QPSK	270	0		16.54		18.5	0.0
100	16QAM	1	1		16.56		18.5	0.0
100	64QAM	1	1		16.51		18.5	0.0
100	256QAM	1	1		16.51		18.5	0.0
	Channel			649668	650002	650334	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	16.56	16.54	16.55	18.5	0.0
	Channel			649334	650002	650668	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	16.58	16.54	16.56	18.5	0.0
	Channel			649002	650002	651002	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	16.55	16.55	16.51	18.5	0.0
	Channel			648668	650002	651334	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	16.55	16.51	16.56	18.5	0.0
	Channel			648334	650002	651668	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	16.56	16.59	16.57	18.5	0.0
	Channel			648002	650002	652002	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	16.54	16.51	16.55	18.5	0.0
	Channel			647668	650002	652334	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	16.51	16.54	16.51	18.5	0.0
	Channel			647334	650002	652668	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	16.54	16.58	16.51	18.5	0.0
	Channel			647168	650002	652834	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	16.51	16.52	16.54	18.5	0.0
	Channel			647002	650002	653002	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	16.95	16.51	16.59	18.5	0.0

PC3 Part27Q n78 Ant9 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		13.32			
100	PI/2 BPSK	1	137		13.35		15.5	0.0
100	PI/2 BPSK	1	271		13.42			
100	PI/2 BPSK	135	0		13.35		15.5	0.0
100	PI/2 BPSK	135	69		13.33		15.5	0.0
100	PI/2 BPSK	135	138		13.36		15.5	0.0
100	PI/2 BPSK	270	0		13.22			
100	QPSK	1	1		13.54			
100	QPSK	1	137		13.41		15.5	0.0
100	QPSK	1	271		13.29			
100	QPSK	135	0		13.34		15.5	0.0
100	QPSK	135	69		13.44		15.5	0.0
100	QPSK	135	138		13.39		15.5	0.0
100	QPSK	270	0		13.41		15.5	0.0
100	16QAM	1	1		13.21		15.5	0.0
100	64QAM	1	1		13.31		15.5	0.0
100	256QAM	1	1		13.40		15.5	0.0
	Channel			633000	633334	633668	Tune-up limit	MPR
	Frequency (MHz)			3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	13.30	13.27	13.25	15.5	0.0
	Channel			632668	633334	634002	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	13.32	13.32	13.34	15.5	0.0
	Channel			632334	633334	634334	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	13.25	13.39	13.35	15.5	0.0
	Channel			632002	633334	634668	Tune-up limit	MPR
	Frequency (MHz)			3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	13.38	13.37	13.25	15.5	0.0
	Channel			631668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	13.33	13.39	13.24	15.5	0.0
	Channel			631334	633334	635334	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	13.36	13.41	13.32	15.5	0.0
	Channel			631000	633334	635668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	13.39	13.21	13.33	15.5	0.0
	Channel			630668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	13.31	13.22	13.38	15.5	0.0
	Channel			630336	633334	636668	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	13.42	13.41	13.32	15.5	0.0
	Channel			630134	633334	636334	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	13.42	13.30	13.27	15.5	0.0

PC2 Part27Q n78 Ant9 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633334			
	Frequency (MHz)				3500.01			
100	PI/2 BPSK	1	1		16.55			
100	PI/2 BPSK	1	137		16.57		18.5	0.0
100	PI/2 BPSK	1	271		16.64			
100	PI/2 BPSK	135	0		16.53		18.5	0.0
100	PI/2 BPSK	135	69		16.53		18.5	0.0
100	PI/2 BPSK	135	138		16.61		18.5	0.0
100	PI/2 BPSK	270	0		16.51			
100	QPSK	1	1		16.68			
100	QPSK	1	137		16.58		18.5	0.0
100	QPSK	1	271		16.54			
100	QPSK	135	0		16.54		18.5	0.0
100	QPSK	135	69		16.57		18.5	0.0
100	QPSK	135	138		16.52		18.5	0.0
100	QPSK	270	0		16.52		18.5	0.0
100	16QAM	1	1		16.58		18.5	0.0
100	64QAM	1	1		16.54		18.5	0.0
100	256QAM	1	1		16.53		18.5	0.0
	Channel			633000	633334	633668	Tune-up limit	MPR
	Frequency (MHz)			3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	16.52	16.51	16.54	18.5	0.0
	Channel			632668	633334	634002	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	16.51	16.52	16.59	18.5	0.0
	Channel			632334	633334	634334	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	16.51	16.54	16.58	18.5	0.0
	Channel			632002	633334	634668	Tune-up limit	MPR
	Frequency (MHz)			3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	16.59	16.56	16.56	18.5	0.0
	Channel			631668	633334	635002	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	16.52	16.51	16.57	18.5	0.0
	Channel			631334	633334	635334	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	16.51	16.51	16.55	18.5	0.0
	Channel			631000	633334	635668	Tune-up limit	MPR
	Frequency (MHz)			3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	16.56	16.56	16.58	18.5	0.0
	Channel			630668	633334	636002	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	16.53	16.56	16.57	18.5	0.0
	Channel			630336	633334	636668	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	16.59	16.58	16.58	18.5	0.0
	Channel			630134	633334	636334	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	16.51	16.57	16.51	18.5	0.0

PC3 Part27O n77 Ant11 for ENDC

BW [MHz]	Modulation	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	13.12	13.14	12.94		
100	PI/2 BPSK	1	137	12.86	12.95	13.12	14.2	0.0
100	PI/2 BPSK	1	271	13.04	13.16	13.15		
100	PI/2 BPSK	135	0	12.87	12.90	12.95	14.2	0.0
100	PI/2 BPSK	135	69	12.81	13.03	12.85	14.2	0.0
100	PI/2 BPSK	135	138	12.98	12.88	12.88	14.2	0.0
100	PI/2 BPSK	270	0	13.07	13.13	12.83		
100	QPSK	1	1	13.08	13.22	13.08	14.2	0.0
100	QPSK	1	137	13.15	13.00	12.92		
100	QPSK	1	271	12.81	12.85	13.03		
100	QPSK	135	0	12.97	13.08	12.98	14.2	0.0
100	QPSK	135	69	12.90	13.21	13.15	14.2	0.0
100	QPSK	135	138	12.82	13.06	13.05	14.2	0.0
100	QPSK	270	0	13.02	13.13	13.12	14.2	0.0
100	16QAM	1	1	12.81	13.08	13.04	14.2	0.0
100	64QAM	1	1	12.98	13.04	13.15	14.2	0.0
100	256QAM	1	1	13.02	12.97	12.88	14.2	0.0
			Channel	649668	656004	662334	Tune-up limit	MPR
			Frequency (MHz)	3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	1	12.87	12.93	12.95	14.2	0.0
			Channel	649334	656002	662668	Tune-up limit	MPR
			Frequency (MHz)	3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	1	12.96	13.15	12.93	14.2	0.0
			Channel	649000	656000	663000	Tune-up limit	MPR
			Frequency (MHz)	3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	12.95	13.21	12.84	14.2	0.0
			Channel	648668	656004	663334	Tune-up limit	MPR
			Frequency (MHz)	3730.02	3840	3950.01	(dBm)	(dB)
60	QPSK	1	1	12.95	13.01	13.04	14.2	0.0
			Channel	648334	656002	663668	Tune-up limit	MPR
			Frequency (MHz)	3725.01	3840	3955.02	(dBm)	(dB)
50	QPSK	1	1	12.97	13.19	12.91	14.2	0.0
			Channel	648000	656000	664000	Tune-up limit	MPR
			Frequency (MHz)	3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	12.98	13.13	12.87	14.2	0.0
			Channel	647668	656004	664334	Tune-up limit	MPR
			Frequency (MHz)	3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	1	13.10	12.91	12.94	14.2	0.0
			Channel	647334	656002	664668	Tune-up limit	MPR
			Frequency (MHz)	3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	13.10	13.22	12.94	14.2	0.0
			Channel	647168	656004	664334	Tune-up limit	MPR
			Frequency (MHz)	3707.52	3840	3972.51	(dBm)	(dB)
15	QPSK	1	1	12.94	12.94	12.91	14.2	0.0
			Channel	647000	656000	663000	Tune-up limit	MPR
			Frequency (MHz)	3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	13.01	13.01	13.10	14.2	0.0

PC3 Part27Q n77 Ant11 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
			Channel		633334			
			Frequency (MHz)		3500.01			
100	PI/2 BPSK	1	1		13.28			
100	PI/2 BPSK	1	137		13.11		14.2	0.0
100	PI/2 BPSK	1	271		13.12			
100	PI/2 BPSK	135	0		12.96		14.2	0.0
100	PI/2 BPSK	135	69		13.08		14.2	0.0
100	PI/2 BPSK	135	138		12.94		14.2	0.0
100	PI/2 BPSK	270	0		13.09			
100	QPSK	1	1		13.38		14.2	0.0
100	QPSK	1	137		13.19			
100	QPSK	1	271		13.02			
100	QPSK	135	0		13.20		14.2	0.0
100	QPSK	135	69		13.22		14.2	0.0
100	QPSK	135	138		13.16		14.2	0.0
100	QPSK	270	0		13.14		14.2	0.0
100	16QAM	1	1		12.95		14.2	0.0
100	64QAM	1	1		13.13		14.2	0.0
100	256QAM	1	1		13.27		14.2	0.0
			Channel	633000	633334	633668	Tune-up limit	MPR
			Frequency (MHz)	3495	3500.01	3505.02	(dBm)	(dB)
90	QPSK	1	1	13.17	13.15	13.34	14.2	0.0
			Channel	632668	633334	634000	Tune-up limit	MPR
			Frequency (MHz)	3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	1	13.19	13.12	13.24	14.2	0.0
			Channel	632334	633334	634334	Tune-up limit	MPR
			Frequency (MHz)	3485.01	3500.01	3515.01	(dBm)	(dB)
70	QPSK	1	1	13.02	13.20	13.11	14.2	0.0
			Channel	632000	633334	634668	Tune-up limit	MPR
			Frequency (MHz)	3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	13.14	13.07	13.06	14.2	0.0
			Channel	631668	633334	635000	Tune-up limit	MPR
			Frequency (MHz)	3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	1	13.21	13.12	13.25	14.2	0.0
			Channel	631334	633334	635334	Tune-up limit	MPR
			Frequency (MHz)	3470.01	3500.01	3530.01	(dBm)	(dB)
40	QPSK	1	1	13.13	13.16	13.18	14.2	0.0
			Channel	631000	633334	635668	Tune-up limit	MPR
			Frequency (MHz)	3465	3500.01	3535.02	(dBm)	(dB)
30	QPSK	1	1	13.12	13.16	13.32	14.2	0.0
			Channel	630668	633334	636000	Tune-up limit	MPR
			Frequency (MHz)	3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	1	13.07	13.11	13.06	14.2	0.0
			Channel	630334	633334	636334	Tune-up limit	MPR
			Frequency (MHz)	3457.5	3500.01	3542.52	(dBm)	(dB)
15	QPSK	1	1	13.14	13.15	13.21	14.2	0.0
			Channel	630334	633334	636334	Tune-up limit	MPR
			Frequency (MHz)	3455.01	3500.01	3545.01	(dBm)	(dB)
10	QPSK	1	1	13.10	13.31	13.18	14.2	0.0

PC3 Part27O n78 Ant11 for ENDC

BW [MHz]	Modulation	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		13.32			
100	PI/2 BPSK	1	137		13.21		14.5	0.0
100	PI/2 BPSK	1	271		13.07			
100	PI/2 BPSK	135	0		13.01		14.5	0.0
100	PI/2 BPSK	135	69		13.21		14.5	0.0
100	PI/2 BPSK	135	138		13.20		14.5	0.0
100	PI/2 BPSK	270	0		13.19			
100	QPSK	1	1		13.35		14.5	0.0
100	QPSK	1	137		13.28			
100	QPSK	1	271		13.08			
100	QPSK	135	0		13.28		14.5	0.0
100	QPSK	135	69		13.29		14.5	0.0
100	QPSK	135	138		13.28		14.5	0.0
100	QPSK	270	0		13.11		14.5	0.0
100	16QAM	1	1		13.18		14.5	0.0
100	64QAM	1	1		13.29		14.5	0.0
100	256QAM	1	1		13.34		14.5	0.0
			Channel	649668	650000	650334	Tune-up limit	MPR
			Frequency (MHz)	3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	13.15	13.24	13.25	14.5	0.0
			Channel	649334	650002	650668	Tune-up limit	MPR
			Frequency (MHz)	3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	13.24	13.24	13.30	14.5	0.0
			Channel	649000	650000	651000	Tune-up limit	MPR
			Frequency (MHz)	3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	13.15	13.17	13.23	14.5	0.0
			Channel	648668	650004	651334	Tune-up limit	MPR
			Frequency (MHz)	3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	13.17	13.19	13.25	14.5	0.0
			Channel	648334	650002	651668	Tune-up limit	MPR
			Frequency (MHz)	3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	13.20	13.14	13.25	14.5	0.0
			Channel	648000	650000	652000	Tune-up limit	MPR
			Frequency (MHz)	3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	13.19	13.09	13.30	14.5	0.0
			Channel	647668	650004	652334	Tune-up limit	MPR
			Frequency (MHz)	3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	13.20	13.23	13.29	14.5	0.0
			Channel	647334	650002	652668	Tune-up limit	MPR
			Frequency (MHz)	3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	13.14	13.27	13.21	14.5	0.0
			Channel	647168	650004	652334	Tune-up limit	MPR
			Frequency (MHz)	3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	13.15	13.29	13.17	14.5	0.0
			Channel	647000	650000	653000	Tune-up limit	MPR
			Frequency (MHz)	3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	13.18	13.18	13.33	14.5	0.0

PC2 Part27O n78 Ant11 for ENDC

BW [MHz]	Modulation	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		15.92			
100	PI/2 BPSK	1	137		16.03		17.5	0.0
100	PI/2 BPSK	1	271		16.12			
100	PI/2 BPSK	135	0		15.94		17.5	0.0
100	PI/2 BPSK	135	69		16.12		17.5	0.0
100	PI/2 BPSK	135	138		15.96		17.5	0.0
100	PI/2 BPSK	270	0		16.11			
100	QPSK	1	1		16.25		17.5	0.0
100	QPSK	1	137		16.05			
100	QPSK	1	271		16.11			
100	QPSK	135	0		15.93		17.5	0.0
100	QPSK	135	69		16.19		17.5	0.0
100	QPSK	135	138		15.97		17.5	0.0
100	QPSK	270	0		16.01		17.5	0.0
100	16QAM	1	1		15.90		17.5	0.0
100	64QAM	1	1		16.04		17.5	0.0
100	256QAM	1	1		15.93		17.5	0.0
			Channel	649668	650002	650334	Tune-up limit	MPR
			Frequency (MHz)	3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	1	16.12	16.08	16.11	17.5	0.0
			Channel	649334	650002	650668	Tune-up limit	MPR
			Frequency (MHz)	3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	16.14	16.06	16.01	17.5	0.0
			Channel	649000	650000	651002	Tune-up limit	MPR
			Frequency (MHz)	3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	16.07	16.12	16.14	17.5	0.0
			Channel	648668	650004	651334	Tune-up limit	MPR
			Frequency (MHz)	3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	16.19	16.04	15.92	17.5	0.0
			Channel	648334	650002	651668	Tune-up limit	MPR
			Frequency (MHz)	3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	16.07	16.00	16.09	17.5	0.0
			Channel	648000	650000	652000	Tune-up limit	MPR
			Frequency (MHz)	3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	16.15	16.07	15.94	17.5	0.0
			Channel	647668	650004	652334	Tune-up limit	MPR
			Frequency (MHz)	3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	16.14	16.05	16.11	17.5	0.0
			Channel	647334	650002	652668	Tune-up limit	MPR
			Frequency (MHz)	3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	16.00	16.05	16.07	17.5	0.0
			Channel	647168	650004	652334	Tune-up limit	MPR
			Frequency (MHz)	3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	1	16.13	16.13	16.09	17.5	0.0
			Channel	647000	650000	653000	Tune-up limit	MPR
			Frequency (MHz)	3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	16.04	16.07	16.08	17.5	0.0

PC3 Part27Q n78 Ant11 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.39		14.5	0.0
100	PI/2 BPSK	1	137		13.43			
100	PI/2 BPSK	1	271		13.48			
100	PI/2 BPSK	135	0		13.38		14.5	0.0
100	PI/2 BPSK	135	69		13.25		14.5	0.0
100	PI/2 BPSK	135	138		13.46		14.5	0.0
100	PI/2 BPSK	270	0		13.42			
100	QPSK	1	1		13.50		14.5	0.0
100	QPSK	1	137		13.38			
100	QPSK	1	271		13.47			
100	QPSK	135	0		13.42		14.5	0.0
100	QPSK	135	69		13.46		14.5	0.0
100	QPSK	135	138		13.43		14.5	0.0
100	QPSK	270	0		13.45		14.5	0.0
100	16QAM	1	1		13.38		14.5	0.0
100	64QAM	1	1		13.43		14.5	0.0
100	256QAM	1	1		13.46		14.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	13.36	13.20	13.25	14.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	13.47	13.24	13.22	14.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	13.41	13.25	13.24	14.5	0.0
Channel				632002	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	13.25	13.48	13.41	14.5	0.0
Channel				631668	633334	635002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	13.41	13.40	13.48	14.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	13.42	13.40	13.44	14.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	13.23	13.21	13.20	14.5	0.0
Channel				630668	633334	636002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	13.44	13.44	13.40	14.5	0.0
Channel				630000	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	13.41	13.37	13.22	14.5	0.0
Channel				629334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	13.49	13.21	13.23	14.5	0.0

PC2 Part27Q n78 Ant11 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.49		17.5	0.0
100	PI/2 BPSK	1	137		16.40			
100	PI/2 BPSK	1	271		16.32			
100	PI/2 BPSK	135	0		16.41		17.5	0.0
100	PI/2 BPSK	135	69		16.30		17.5	0.0
100	PI/2 BPSK	135	138		16.45		17.5	0.0
100	PI/2 BPSK	270	0		16.30			
100	QPSK	1	1		16.54		17.5	0.0
100	QPSK	1	137		16.45			
100	QPSK	1	271		16.43			
100	QPSK	135	0		16.40		17.5	0.0
100	QPSK	135	69		16.41		17.5	0.0
100	QPSK	135	138		16.40		17.5	0.0
100	QPSK	270	0		16.39		17.5	0.0
100	16QAM	1	1		16.39		17.5	0.0
100	64QAM	1	1		16.34		17.5	0.0
100	256QAM	1	1		16.36		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.28	16.33	16.34	17.5	0.0
Channel				632668	633334	634002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.30	16.48	16.35	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.34	16.45	16.32	17.5	0.0
Channel				632002	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.29	16.44	16.37	17.5	0.0
Channel				631668	633334	635002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.20	16.34	16.22	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.45	16.31	16.43	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.37	16.43	16.48	17.5	0.0
Channel				630668	633334	636002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.39	16.44	16.43	17.5	0.0
Channel				630000	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.36	16.46	16.35	17.5	0.0
Channel				629334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.34	16.37	16.53	17.5	0.0

Reduced Power Mode for DSI3

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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.79	24.87	24.85	25.5	0.0
20	PI/2 BPSK	1	53	24.84	24.89	24.82		
20	PI/2 BPSK	1	104	24.77	24.79	24.65		
20	PI/2 BPSK	50	0	24.19	24.46	24.25	25.0	0.5
20	PI/2 BPSK	50	28	24.67	24.83	24.71	25.5	0.0
20	PI/2 BPSK	50	56	24.02	24.27	24.12	25.0	0.5
20	PI/2 BPSK	100	0	24.37	24.38	24.28		
20	QPSK	1	1	24.94	24.96	24.85	25.5	0.0
20	QPSK	1	53	24.79	24.86	24.70		
20	QPSK	1	104	24.61	24.79	24.65		
20	QPSK	50	0	23.71	23.73	23.76	24.5	1.0
20	QPSK	50	28	24.82	24.90	24.74	25.5	0.0
20	QPSK	50	56	23.75	23.81	23.73	24.5	1.0
20	QPSK	100	0	23.73	23.95	23.66		
20	16QAM	1	1	23.69	23.88	23.75	24.5	1.0
20	64QAM	1	1	22.32	22.41	22.16	23.0	2.5
20	256QAM	1	1	20.68	20.71	20.55	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.91	24.83	24.80	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.78	24.81	24.77	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.92	24.87	24.81	25.5	0.0

n7 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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.35	23.43	23.25	24.0	0.0
40	PI/2 BPSK	1	108	23.44	23.40	23.31		
40	PI/2 BPSK	1	214	23.23	23.30	23.10		
40	PI/2 BPSK	108	0	22.61	22.85	22.90	23.5	0.5
40	PI/2 BPSK	108	54	23.00	23.30	23.03	24.0	0.0
40	PI/2 BPSK	108	108	22.79	22.77	22.69	23.5	0.5
40	PI/2 BPSK	216	0	22.68	22.76	22.64		
40	QPSK	1	1	23.22	23.47	23.35	24.0	0.0
40	QPSK	1	108	23.07	23.25	23.24		
40	QPSK	1	214	23.24	23.11	23.22		
40	QPSK	108	0	22.16	22.31	22.11	23.0	1.0
40	QPSK	108	54	23.02	23.20	22.99	24.0	0.0
40	QPSK	108	108	22.04	22.25	22.18	23.0	1.0
40	QPSK	216	0	22.22	22.26	22.16		
40	16QAM	1	1	22.16	22.11	21.94	23.0	1.0
40	64QAM	1	1	20.44	20.68	20.58	21.5	2.5
40	256QAM	1	1	18.38	18.38	18.42	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.11	23.33	23.22	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	23.18	23.29	23.31	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.10	23.37	23.24	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	23.20	23.39	23.27	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.10	23.30	23.30	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	23.14	23.44	23.30	24.0	0.0

n66 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.81	22.94	22.85	23.5	0.0
40	PI/2 BPSK	1	108	22.83	22.91	22.88		
40	PI/2 BPSK	1	214	22.71	22.92	22.64		
40	PI/2 BPSK	108	0	22.28	22.41	22.19	23.0	0.5
40	PI/2 BPSK	108	54	22.86	23.00	22.85	23.5	0.0
40	PI/2 BPSK	108	108	22.33	22.38	22.30	23.0	0.5
40	PI/2 BPSK	216	0	22.34	22.42	22.24		
40	QPSK	1	1	22.78	23.03	22.97	23.5	0.0
40	QPSK	1	108	22.77	22.89	22.74		
40	QPSK	1	214	22.57	22.73	22.60		
40	QPSK	108	0	21.65	21.84	21.85	22.5	1.0
40	QPSK	108	54	22.94	23.02	22.82	23.5	0.0
40	QPSK	108	108	21.69	21.84	21.77	22.5	1.0
40	QPSK	216	0	21.92	22.06	21.98		
40	16QAM	1	1	21.88	21.94	21.89	22.5	1.0
40	64QAM	1	1	20.36	20.30	20.29	21.0	2.5
40	256QAM	1	1	18.66	18.74	18.74	19.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.67	22.86	22.86	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.74	22.94	22.84	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.67	22.89	22.89	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.72	22.85	22.89	#REF!	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.61	22.97	22.87	23.5	0.0

n38 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.13	23.21	23.19	24.0	0.0
40	PI/2 BPSK	1	53	23.11	23.14	23.10		
40	PI/2 BPSK	1	104	22.91	23.13	22.94		
40	PI/2 BPSK	50	0	22.62	22.66	22.55	23.5	0.5
40	PI/2 BPSK	50	28	23.02	23.22	22.96	24.0	0.0
40	PI/2 BPSK	50	56	22.53	22.59	22.57	23.5	0.5
40	PI/2 BPSK	100	0	22.55	22.79	22.53		
40	QPSK	1	1	23.15	23.24	23.22	24.0	0.0
40	QPSK	1	53	22.93	23.00	22.96		
40	QPSK	1	104	22.92	23.12	22.84		
40	QPSK	50	0	22.08	22.13	22.02	23.0	1.0
40	QPSK	50	28	23.04	23.17	23.03	24.0	0.0
40	QPSK	50	56	22.07	22.12	22.18	23.0	1.0
40	QPSK	100	0	22.17	22.25	22.15		
40	16QAM	1	1	22.00	22.35	22.22	23.0	1.0
40	64QAM	1	1	20.37	20.59	20.39	21.5	2.5
40	256QAM	1	1	18.37	18.32	18.33	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	23.08	23.20	23.12	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580	2595	2610		
20	QPSK	1	1	22.99	23.14	23.16	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	23.11	23.07	23.19	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.98	23.18	23.11	24.0	0.0

n41 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.79	22.93	22.87	24.0	0.0
100	PI/2 BPSK	1	137	22.82	22.85	22.85		
100	PI/2 BPSK	1	271	22.74	22.91	22.80		
100	PI/2 BPSK	135	0	22.35	22.45	22.31	23.5	0.5
100	PI/2 BPSK	135	69	22.79	22.93	22.96	24.0	0.0
100	PI/2 BPSK	135	138	22.34	22.48	22.39	23.5	0.5
100	PI/2 BPSK	270	0	22.31	22.46	22.30		
100	QPSK	1	1	22.88	22.98	22.95	24.0	0.0
100	QPSK	1	137	22.85	22.91	22.89		
100	QPSK	1	271	22.78	22.80	22.76		
100	QPSK	135	0	21.70	21.68	21.52	23.0	1.0
100	QPSK	135	69	22.91	22.93	22.87	24.0	0.0
100	QPSK	135	138	21.84	21.77	21.79	23.0	1.0
100	QPSK	270	0	21.67	21.80	21.61		
100	16QAM	1	1	21.86	22.05	21.93	23.0	1.0
100	64QAM	1	1	20.44	20.37	20.35	21.5	2.5
100	256QAM	1	1	18.32	18.39	18.13	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.70	22.95	22.77	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.71	22.92	22.87	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.71	22.90	22.84	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.76	22.83	22.91	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.81	22.84	22.82	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.72	22.90	22.87	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.71	22.93	22.86	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.77	22.88	22.93	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.13	21.17	21.06	22.5	0.0
100	PI/2 BPSK	1	137	21.08	21.23	21.11		
100	PI/2 BPSK	1	271	20.97	21.14	20.96		
100	PI/2 BPSK	135	0	21.00	21.16	21.09	22.5	0.0
100	PI/2 BPSK	135	69	21.03	21.10	20.98	22.5	0.0
100	PI/2 BPSK	135	138	21.09	21.12	21.03	22.5	0.0
100	PI/2 BPSK	270	0	21.11	21.21	21.09		
100	QPSK	1	1	21.23	21.27	21.18	22.5	0.0
100	QPSK	1	137	21.20	21.25	21.19		
100	QPSK	1	271	21.05	21.20	21.05		
100	QPSK	135	0	21.10	21.18	21.03	21.5	1.0
100	QPSK	135	69	21.19	21.22	21.13	22.5	0.0
100	QPSK	135	138	21.07	21.09	20.93	21.5	1.0
100	QPSK	270	0	21.12	21.18	21.09		
100	16QAM	1	1	20.98	21.06	20.90	22.5	0.0
100	64QAM	1	1	20.32	20.30	20.09	21.5	1.0
100	256QAM	1	1	18.13	18.20	18.14	19.5	3.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.06	21.22	21.16	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	21.12	21.25	21.04	22.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.08	21.14	21.02	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	21.11	21.22	21.11	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	21.11	21.22	21.11	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.16	21.14	21.15	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	21.07	21.23	21.02	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	21.09	21.13	21.10	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	21.08	21.11	21.10	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.09	21.23	21.08	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.18			
100	PI/2 BPSK	1	137		21.26		22.5	0.0
100	PI/2 BPSK	1	271		21.08			
100	PI/2 BPSK	135	0		21.16		22.5	0.0
100	PI/2 BPSK	135	69		21.25		22.5	0.0
100	PI/2 BPSK	135	138		21.16		22.5	0.0
100	PI/2 BPSK	270	0		21.18			
100	QPSK	1	1		21.33			
100	QPSK	1	137		21.27		22.5	0.0
100	QPSK	1	271		21.14			
100	QPSK	135	0		21.21		21.5	1.0
100	QPSK	135	69		21.24		22.5	0.0
100	QPSK	135	138		21.09		21.5	1.0
100	QPSK	270	0		21.16			
100	16QAM	1	1		21.24		22.5	0.0
100	64QAM	1	1		20.58		21.5	1.0
100	256QAM	1	1		18.49		19.5	3.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.25	21.15	21.28	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.24	21.16	21.25	22.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.18	21.19	21.23	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.21	21.29	21.24	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.25	21.30	21.25	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.25	21.30	21.25	22.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.28	21.22	21.19	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.28	21.21	21.29	22.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.15	21.16	21.25	22.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.25	21.24	21.23	22.5	0.0

PC3 Part27O n78 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.74			
100	PI/2 BPSK	1	137		20.70		22.0	0.0
100	PI/2 BPSK	1	271		20.63			
100	PI/2 BPSK	135	0		20.62		22.0	0.0
100	PI/2 BPSK	135	69		20.62		22.0	0.0
100	PI/2 BPSK	135	138		20.73		22.0	0.0
100	PI/2 BPSK	270	0		20.64			
100	QPSK	1	1		20.79			
100	QPSK	1	137		20.63		22.0	0.0
100	QPSK	1	271		20.66			
100	QPSK	135	0		20.69		22.0	0.0
100	QPSK	135	69		20.71		22.0	0.0
100	QPSK	135	138		20.60		22.0	0.0
100	QPSK	270	0		20.68			
100	16QAM	1	1		20.70		22.0	0.0
100	64QAM	1	1		19.63		20.5	1.5
100	256QAM	1	1		17.63		18.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.72	20.75	20.64	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.69	20.72	20.73	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.73	20.70	20.71	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.68	20.66	20.65	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.74	20.65	20.68	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.61	20.62	20.62	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.65	20.70	20.69	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.66	20.73	20.76	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.62	20.63	20.64	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.67	20.64	20.69	22.0	0.0

PC2 Part27O n78 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.64		25.0	0.0
100	PI/2 BPSK	1	137		23.53			
100	PI/2 BPSK	1	271		23.52			
100	PI/2 BPSK	135	0		23.08		24.5	0.5
100	PI/2 BPSK	135	69		23.50		25.0	0.0
100	PI/2 BPSK	135	138		22.94		24.5	0.5
100	PI/2 BPSK	270	0		23.06			
100	QPSK	1	1		23.69		25.0	0.0
100	QPSK	1	137		23.55			
100	QPSK	1	271		23.43			
100	QPSK	135	0		23.40		24.0	1.0
100	QPSK	135	69		23.61		25.0	0.0
100	QPSK	135	138		22.53		24.0	1.0
100	QPSK	270	0		22.48			
100	16QAM	1	1		22.41		24.0	1.0
100	64QAM	1	1		20.83		22.5	2.5
100	256QAM	1	1		18.88		20.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.51	23.55	23.53	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.66	23.64	23.59	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.57	23.52	23.55	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.52	23.62	23.55	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.58	23.63	23.60	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.64	23.60	23.56	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.67	23.66	23.61	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.64	23.61	23.65	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.58	23.64	23.52	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.53	23.58	23.63	25.0	0.0

PC3 Part27Q n78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.98		22.0	0.0
100	PI/2 BPSK	1	137		20.88			
100	PI/2 BPSK	1	271		20.93			
100	PI/2 BPSK	135	0		20.92		22.0	0.0
100	PI/2 BPSK	135	69		20.99		22.0	0.0
100	PI/2 BPSK	135	138		20.80		22.0	0.0
100	PI/2 BPSK	270	0		20.82			
100	QPSK	1	1		21.02		22.0	0.0
100	QPSK	1	137		20.92			
100	QPSK	1	271		20.87			
100	QPSK	135	0		20.96		22.0	0.0
100	QPSK	135	69		21.01		22.0	0.0
100	QPSK	135	138		20.92		22.0	0.0
100	QPSK	270	0		20.94			
100	16QAM	1	1		20.87		22.0	0.0
100	64QAM	1	1		19.61		20.5	1.5
100	256QAM	1	1		17.82		18.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.99	20.95	21.00	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.99	20.88	20.98	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.95	21.00	20.97	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.87	20.95	20.99	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.86	20.91	20.86	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.90	20.99	20.93	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.92	20.92	20.95	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.98	20.89	20.93	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.99	20.98	20.92	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.89	20.85	21.00	22.0	0.0

PC2 Part27Q n78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.04		25.0	0.0
100	PI/2 BPSK	1	137		23.90			
100	PI/2 BPSK	1	271		23.89			
100	PI/2 BPSK	135	0		23.48		24.5	0.5
100	PI/2 BPSK	135	69		23.90		25.0	0.0
100	PI/2 BPSK	135	138		23.59		24.5	0.5
100	PI/2 BPSK	270	0		23.54			
100	QPSK	1	1		24.08		25.0	0.0
100	QPSK	1	137		24.02			
100	QPSK	1	271		23.99			
100	QPSK	135	0		22.92		24.0	1.0
100	QPSK	135	69		23.94		25.0	0.0
100	QPSK	135	138		23.07		24.0	1.0
100	QPSK	270	0		23.10			
100	16QAM	1	1		22.82		24.0	1.0
100	64QAM	1	1		21.37		22.5	2.5
100	256QAM	1	1		19.37		20.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.05	24.06	23.96	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.01	23.97	24.02	25.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.00	24.05	24.05	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.02	24.02	24.03	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.96	23.91	24.05	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.92	24.02	24.03	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.00	23.95	23.90	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.06	23.93	23.98	25.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.02	23.99	23.91	25.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.91	24.06	23.91	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.05	23.07	23.19	24.0	0.0
20	PI/2 BPSK	1	53	23.16	23.14	22.94		
20	PI/2 BPSK	1	104	22.60	22.89	22.95		
20	PI/2 BPSK	50	0	23.18	23.25	23.01	24.0	0.0
20	PI/2 BPSK	50	28	23.02	23.14	22.94	24.0	0.0
20	PI/2 BPSK	50	56	23.32	23.11	22.97	24.0	0.0
20	PI/2 BPSK	100	0	23.24	23.38	23.18		
20	QPSK	1	1	22.98	23.45	23.08	24.0	0.0
20	QPSK	1	53	22.87	22.86	22.80		
20	QPSK	1	104	23.09	23.15	23.19		
20	QPSK	50	0	23.12	23.10	22.86	24.0	0.0
20	QPSK	50	28	23.06	23.24	22.91	24.0	0.0
20	QPSK	50	56	23.06	23.17	23.17	24.0	0.0
20	QPSK	100	0	23.13	23.23	23.04		
20	16QAM	1	1	23.27	23.37	23.17	24.0	0.0
20	64QAM	1	1	21.84	21.93	21.76	22.5	1.5
20	256QAM	1	1	20.14	20.03	20.01	20.5	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.06	23.13	22.93	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.19	22.95	22.93	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	23.03	22.99	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.07	22.27	22.20	23.0	0.0
40	PI/2 BPSK	1	108	22.04	22.17	22.15		
40	PI/2 BPSK	1	214	21.89	21.21	21.96		
40	PI/2 BPSK	108	0	22.14	22.26	22.26	23.0	0.0
40	PI/2 BPSK	108	54	21.97	22.13	21.94	23.0	0.0
40	PI/2 BPSK	108	108	22.06	22.19	21.98	23.0	0.0
40	PI/2 BPSK	216	0	21.93	22.14	22.23		
40	QPSK	1	1	22.18	22.33	22.31	23.0	0.0
40	QPSK	1	108	21.11	21.22	21.98		
40	QPSK	1	214	22.00	22.23	22.01		
40	QPSK	108	0	22.18	22.20	21.98	23.0	0.0
40	QPSK	108	54	22.11	22.31	22.21	23.0	0.0
40	QPSK	108	108	22.10	22.12	22.10	23.0	0.0
40	QPSK	216	0	22.03	22.15	22.14		
40	16QAM	1	1	22.20	22.25	22.05	23.0	0.0
40	64QAM	1	1	21.18	21.38	21.30	22.5	0.5
40	256QAM	1	1	19.55	19.46	19.35	20.5	2.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.14	22.04	22.12	23.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.16	22.17	22.02	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.12	22.21	21.99	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.07	22.01	22.13	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.04	22.01	22.14	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.05	22.23	22.05	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.12	23.28	23.25	24.0	0.0
40	PI/2 BPSK	1	108	23.46	23.32	23.51		
40	PI/2 BPSK	1	214	23.18	23.53	23.23		
40	PI/2 BPSK	108	0	23.28	23.37	23.41	24.0	0.0
40	PI/2 BPSK	108	54	23.41	23.54	23.16	24.0	0.0
40	PI/2 BPSK	108	108	23.36	23.47	23.31	24.0	0.0
40	PI/2 BPSK	216	0	23.18	23.49	23.18		
40	QPSK	1	1	23.42	23.62	23.45	24.0	0.0
40	QPSK	1	108	23.43	23.41	23.11		
40	QPSK	1	214	23.38	23.37	23.59		
40	QPSK	108	0	23.27	23.58	23.09	24.0	0.0
40	QPSK	108	54	23.48	23.56	23.49	24.0	0.0
40	QPSK	108	108	23.36	23.47	23.44	24.0	0.0
40	QPSK	216	0	23.25	23.48	23.40		
40	16QAM	1	1	23.36	23.32	23.33	24.0	0.0
40	64QAM	1	1	21.52	21.59	21.77	22.5	1.5
40	256QAM	1	1	19.79	20.09	19.74	20.5	3.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.13	23.23	23.12	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.13	23.23	23.12	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.13	23.23	23.12	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.13	23.23	23.12	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.13	23.23	23.12	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.43	21.79	21.61	22.5	0.0
40	PI/2 BPSK	1	53	21.29	21.48	21.47		
40	PI/2 BPSK	1	104	21.52	21.46	21.44		
40	PI/2 BPSK	50	0	21.60	21.50	21.70	22.5	0.0
40	PI/2 BPSK	50	28	21.59	21.70	21.56	22.5	0.0
40	PI/2 BPSK	50	56	21.47	21.64	21.60	22.5	0.0
40	PI/2 BPSK	100	0	21.33	21.38	21.67		
40	QPSK	1	1	21.73	21.86	21.56	22.5	0.0
40	QPSK	1	53	21.60	21.62	21.81		
40	QPSK	1	104	21.47	21.71	21.39		
40	QPSK	50	0	21.57	21.39	21.39	22.5	0.0
40	QPSK	50	28	21.39	21.66	21.52	22.5	0.0
40	QPSK	50	56	21.21	21.43	21.55	22.5	0.0
40	QPSK	100	0	21.34	21.38	21.23		
40	16QAM	1	1	21.39	21.37	21.32	22.5	0.0
40	64QAM	1	1	20.95	21.40	21.20	22.5	0.0
40	256QAM	1	1	19.38	19.82	19.83	20.5	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.42	21.45	21.27	22.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.34	21.33	21.16	22.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.15	21.55	21.30	22.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.47	21.38	21.23	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.67	21.95	21.89	22.5	0.0
100	PI/2 BPSK	1	137	21.39	21.54	21.82		
100	PI/2 BPSK	1	271	21.83	21.61	21.74		
100	PI/2 BPSK	135	0	21.68	21.83	21.86	22.5	0.0
100	PI/2 BPSK	135	69	21.82	21.72	21.76	22.5	0.0
100	PI/2 BPSK	135	138	21.80	21.72	21.94	22.5	0.0
100	PI/2 BPSK	270	0	21.59	21.56	21.80		
100	QPSK	1	1	21.89	21.99	21.92	22.5	0.0
100	QPSK	1	137	21.66	21.74	21.91		
100	QPSK	1	271	21.81	21.81	21.61		
100	QPSK	135	0	21.63	21.69	21.56	22.5	0.0
100	QPSK	135	69	21.69	21.82	21.68	22.5	0.0
100	QPSK	135	138	21.58	21.52	21.63	22.5	0.0
100	QPSK	270	0	21.53	21.62	21.52		
100	16QAM	1	1	21.48	21.45	21.36	22.5	0.0
100	64QAM	1	1	21.34	21.73	21.49	22.5	0.0
100	256QAM	1	1	19.63	19.92	19.86	20.5	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.52	21.65	21.51	22.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.83	21.65	21.61	22.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.65	21.95	21.61	22.5	0.0
Channel				506200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.64	21.85	21.61	22.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.80	21.69	21.48	22.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.63	21.65	21.59	22.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.62	21.94	21.51	22.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.76	21.90	21.76	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.82	21.96	21.77	22.5	0.0
40	PI/2 BPSK	1	108	21.79	22.01	21.97		
40	PI/2 BPSK	1	214	21.71	21.85	21.74		
40	PI/2 BPSK	108	0	21.87	21.84	21.94	22.5	0.0
40	PI/2 BPSK	108	54	21.95	21.93	21.83	22.5	0.0
40	PI/2 BPSK	108	108	21.76	21.84	21.82	22.5	0.0
40	PI/2 BPSK	216	0	21.95	21.86	21.75		
40	QPSK	1	1	21.98	22.02	21.93	22.5	0.0
40	QPSK	1	108	21.91	21.91	21.86		
40	QPSK	1	214	21.91	21.94	21.75		
40	QPSK	108	0	21.87	21.96	21.94	22.5	0.0
40	QPSK	108	54	21.89	22.00	21.97	22.5	0.0
40	QPSK	108	108	21.81	21.91	21.84	22.5	0.0
40	QPSK	216	0	21.95	21.98	21.93		
40	16QAM	1	1	21.86	21.89	21.99	22.5	0.0
40	64QAM	1	1	19.93	20.02	20.09	21.0	1.5
40	256QAM	1	1	18.24	18.24	18.15	19.0	3.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.93	21.99	21.86	22.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.88	21.95	21.89	22.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	21.89	21.96	21.86	22.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.91	21.98	21.88	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.92	21.96	21.85	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.91	21.95	21.87	22.5	0.0

n66 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.74	22.85	22.80	23.5	0.0
40	PI/2 BPSK	1	108	22.72	22.81	22.77		
40	PI/2 BPSK	1	214	22.69	22.78	22.63		
40	PI/2 BPSK	108	0	21.90	21.99	21.99	23.0	0.5
40	PI/2 BPSK	108	54	22.71	22.79	22.76	23.5	0.0
40	PI/2 BPSK	108	108	22.07	22.26	22.23	23.0	0.5
40	PI/2 BPSK	216	0	22.05	22.25	22.10		
40	QPSK	1	1	22.74	22.88	22.87	23.5	0.0
40	QPSK	1	108	22.78	22.86	22.65		
40	QPSK	1	214	22.75	22.81	22.72		
40	QPSK	108	0	21.42	21.55	21.43	22.5	1.0
40	QPSK	108	54	22.55	22.74	22.70	23.5	0.0
40	QPSK	108	108	21.74	21.83	21.75	22.5	1.0
40	QPSK	216	0	21.65	21.89	21.53		
40	16QAM	1	1	21.39	21.47	21.51	22.5	1.0
40	64QAM	1	1	19.47	19.63	19.50	21.0	2.5
40	256QAM	1	1	17.60	17.68	17.42	19.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.67	22.85	22.79	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.70	22.71	22.78	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.68	22.82	22.75	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.67	22.81	22.85	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.57	22.72	22.69	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.68	20.73	20.70	21.5	0.0
40	PI/2 BPSK	1	53	20.63	20.68	20.52		
40	PI/2 BPSK	1	104	20.53	20.60	20.58		
40	PI/2 BPSK	50	0	20.66	20.71	20.67	21.5	0.0
40	PI/2 BPSK	50	28	20.66	20.69	20.51	21.5	0.0
40	PI/2 BPSK	50	56	20.64	20.73	20.64	21.5	0.0
40	PI/2 BPSK	100	0	20.70	20.72	20.68		
40	QPSK	1	1	20.67	20.82	20.73	21.5	0.0
40	QPSK	1	53	20.56	20.64	20.50		
40	QPSK	1	104	20.42	20.59	20.53		
40	QPSK	50	0	20.58	20.67	20.54	21.5	0.0
40	QPSK	50	28	20.66	20.77	20.63	21.5	0.0
40	QPSK	50	56	20.50	20.61	20.58	21.5	0.0
40	QPSK	100	0	20.60	20.70	20.54		
40	16QAM	1	1	20.59	20.68	20.63	21.5	0.0
40	64QAM	1	1	19.99	20.12	20.06	21.0	0.5
40	256QAM	1	1	17.71	17.83	17.77	19.0	2.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.54	20.69	20.67	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.54	20.68	20.55	21.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.64	20.72	20.57	21.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.63	20.70	20.57	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.49	21.58	21.35	22.5	0.0
100	PI/2 BPSK	1	137	21.38	21.51	21.41		
100	PI/2 BPSK	1	271	21.39	21.55	21.49		
100	PI/2 BPSK	135	0	21.41	21.46	21.45	22.5	0.0
100	PI/2 BPSK	135	69	21.44	21.53	21.43	22.5	0.0
100	PI/2 BPSK	135	138	21.43	21.47	21.34	22.5	0.0
100	PI/2 BPSK	270	0	21.42	21.57	21.39		
100	QPSK	1	1	21.56	21.63	21.51	22.5	0.0
100	QPSK	1	137	21.42	21.55	21.47		
100	QPSK	1	271	21.46	21.52	21.46		
100	QPSK	135	0	21.41	21.45	21.41	22.5	0.0
100	QPSK	135	69	21.38	21.47	21.45	22.5	0.0
100	QPSK	135	138	21.43	21.42	21.46	22.5	0.0
100	QPSK	270	0	21.43	21.52	21.46		
100	16QAM	1	1	21.31	21.42	21.25	22.5	0.0
100	64QAM	1	1	19.93	20.04	19.91	21.0	1.5
100	256QAM	1	1	17.65	17.73	17.61	19.0	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.47	21.52	21.42	22.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	21.45	21.54	21.42	22.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.53	21.49	21.43	22.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.45	21.50	21.43	22.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.54	21.61	21.51	22.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.53	21.54	21.45	22.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.55	21.49	21.40	22.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.46	21.59	21.41	22.5	0.0

n7 Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.42	21.41	21.32	22.0	0.0
40	PI/2 BPSK	1	108	21.32	21.30	21.22		
40	PI/2 BPSK	1	214	21.23	21.31	21.21		
40	PI/2 BPSK	108	0	21.13	21.33	21.23	22.0	0.0
40	PI/2 BPSK	108	54	21.40	21.30	21.28	22.0	0.0
40	PI/2 BPSK	108	108	21.12	21.35	21.20	22.0	0.0
40	PI/2 BPSK	216	0	21.18	21.27	21.19		
40	QPSK	1	1	21.39	21.48	21.28	22.0	0.0
40	QPSK	1	108	21.21	21.37	21.24		
40	QPSK	1	214	21.23	21.27	21.14		
40	QPSK	108	0	21.25	21.41	21.18	22.0	0.0
40	QPSK	108	54	21.15	21.37	21.25	22.0	0.0
40	QPSK	108	108	21.10	21.16	21.11	22.0	0.0
40	QPSK	216	0	21.15	21.34	21.27		
40	16QAM	1	1	21.33	21.18	21.38	22.0	0.0
40	64QAM	1	1	21.28	21.25	21.19	22.0	0.0
40	256QAM	1	1	19.23	19.32	19.31	20.0	2.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.35	21.34	21.17	22.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.34	21.35	21.19	22.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	21.33	21.30	21.16	22.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.34	21.34	21.13	22.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.33	21.32	21.15	22.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.36	21.33	21.18	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.66	24.75	24.74	25.0	0.0
40	PI/2 BPSK	1	108	24.57	24.69	24.73		
40	PI/2 BPSK	1	214	24.48	24.69	24.62		
40	PI/2 BPSK	108	0	24.06	24.28	24.22	24.5	0.5
40	PI/2 BPSK	108	54	24.47	24.68	24.55	25.0	0.0
40	PI/2 BPSK	108	108	24.07	24.15	24.18	24.5	0.5
40	PI/2 BPSK	216	0	24.03	24.18	24.16		
40	QPSK	1	1	24.71	24.80	24.66	25.0	0.0
40	QPSK	1	108	24.63	24.75	24.74		
40	QPSK	1	214	24.53	24.58	24.65		
40	QPSK	108	0	23.51	23.53	23.67	24.0	1.0
40	QPSK	108	54	24.58	24.71	24.63	25.0	0.0
40	QPSK	108	108	23.55	23.63	23.58	24.0	1.0
40	QPSK	216	0	23.62	23.68	23.61		
40	16QAM	1	1	23.41	23.50	23.68	24.0	1.0
40	64QAM	1	1	22.08	22.23	22.12	22.5	2.5
40	256QAM	1	1	19.79	19.78	19.84	20.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.67	24.63	24.58	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.63	24.72	24.62	25.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.66	24.65	24.51	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.56	24.66	24.48	#REF!	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.55	24.74	24.57	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.82	20.88	20.90	21.5	0.0
40	PI/2 BPSK	1	53	20.92	20.81	20.91		
40	PI/2 BPSK	1	104	20.62	20.59	20.66		
40	PI/2 BPSK	50	0	20.87	20.72	20.89	21.5	0.0
40	PI/2 BPSK	50	28	20.80	20.91	20.76	21.5	0.0
40	PI/2 BPSK	50	56	20.74	20.80	20.77	21.5	0.0
40	PI/2 BPSK	100	0	20.67	20.70	20.66		
40	QPSK	1	1	20.95	21.01	20.86	21.5	0.0
40	QPSK	1	53	20.79	20.92	20.84		
40	QPSK	1	104	20.71	20.79	20.76		
40	QPSK	50	0	20.95	20.85	20.97	21.5	0.0
40	QPSK	50	28	20.83	20.93	20.79	21.5	0.0
40	QPSK	50	56	20.79	20.82	20.75	21.5	0.0
40	QPSK	100	0	20.82	20.87	20.77		
40	16QAM	1	1	20.93	20.85	20.79	21.5	0.0
40	64QAM	1	1	20.79	20.84	20.80	21.5	0.0
40	256QAM	1	1	18.77	18.85	18.69	20.0	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.85	20.90	20.83	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.88	20.88	20.70	21.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.79	20.96	20.74	21.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.81	20.98	20.83	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.27	21.35	21.22	22.0	0.0
100	PI/2 BPSK	1	137	21.19	21.38	21.14		
100	PI/2 BPSK	1	271	21.04	21.07	20.94		
100	PI/2 BPSK	135	0	21.30	21.09	21.23	22.0	0.0
100	PI/2 BPSK	135	69	21.20	21.25	21.18	22.0	0.0
100	PI/2 BPSK	135	138	21.23	21.28	21.19	22.0	0.0
100	PI/2 BPSK	270	0	21.04	21.19	21.19		
100	QPSK	1	1	21.28	21.39	21.36	22.0	0.0
100	QPSK	1	137	21.26	21.27	21.23		
100	QPSK	1	271	21.00	20.98	21.01		
100	QPSK	135	0	21.23	21.31	21.28	22.0	0.0
100	QPSK	135	69	21.32	21.34	21.27	22.0	0.0
100	QPSK	135	138	21.05	21.15	21.08	22.0	0.0
100	QPSK	270	0	21.18	21.23	21.11		
100	16QAM	1	1	21.19	21.11	21.28	22.0	0.0
100	64QAM	1	1	20.81	20.98	20.93	22.0	0.0
100	256QAM	1	1	19.05	19.15	19.06	20.0	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.13	21.21	21.23	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	21.24	21.22	21.26	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.25	21.30	21.32	22.0	0.0
Channel				506200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.15	21.26	21.27	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.25	21.25	21.31	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.19	21.33	21.29	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.18	21.23	21.23	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.11	21.30	21.20	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.92	17.02	16.98	17.5	0.0
100	PI/2 BPSK	1	137	16.98	17.01	17.04		
100	PI/2 BPSK	1	271	16.64	16.57	16.78		
100	PI/2 BPSK	135	0	17.04	16.95	17.00	17.5	0.0
100	PI/2 BPSK	135	69	16.88	16.90	16.79	17.5	0.0
100	PI/2 BPSK	135	138	16.88	16.95	16.74	17.5	0.0
100	PI/2 BPSK	270	0	16.73	16.84	16.81		
100	QPSK	1	1	17.03	17.16	16.89	17.5	0.0
100	QPSK	1	137	17.01	16.94	16.94		
100	QPSK	1	271	16.82	16.79	16.77		
100	QPSK	135	0	16.91	16.95	16.93	17.5	0.0
100	QPSK	135	69	16.97	17.05	17.00	17.5	0.0
100	QPSK	135	138	16.73	16.95	16.88	17.5	0.0
100	QPSK	270	0	16.94	17.03	16.84		
100	16QAM	1	1	16.89	16.94	16.94	17.5	0.0
100	64QAM	1	1	16.76	16.79	16.88	17.5	0.0
100	256QAM	1	1	16.87	16.92	16.90	17.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.90	17.01	16.84	17.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.92	16.99	16.84	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.88	17.00	16.87	17.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.89	16.97	16.82	17.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.92	16.99	16.87	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.92	17.03	16.88	17.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.93	16.99	16.84	17.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.90	17.00	16.86	17.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.93	17.01	16.82	17.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.92	17.01	16.83	17.5	0.0

PC3 Part27Q n77 Ant9 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.12		17.5	0.0
100	PI/2 BPSK	1	137		17.02			
100	PI/2 BPSK	1	271		16.93			
100	PI/2 BPSK	135	0		16.79		17.5	0.0
100	PI/2 BPSK	135	69		16.96		17.5	0.0
100	PI/2 BPSK	135	138		16.98		17.5	0.0
100	PI/2 BPSK	270	0		17.01			
100	QPSK	1	1		17.23		17.5	0.0
100	QPSK	1	137		17.08			
100	QPSK	1	271		16.92			
100	QPSK	135	0		17.03		17.5	0.0
100	QPSK	135	69		17.20		17.5	0.0
100	QPSK	135	138		16.98		17.5	0.0
100	QPSK	270	0		17.01			
100	16QAM	1	1		17.03		17.5	0.0
100	64QAM	1	1		17.08		17.5	0.0
100	256QAM	1	1		16.90		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.98	17.12	17.03	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.96	17.12	17.00	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.96	17.09	16.97	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.95	17.06	17.02	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.98	17.09	17.02	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.94	17.10	16.99	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.98	17.09	16.99	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.93	17.11	16.99	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.99	17.11	17.00	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.95	17.08	16.99	17.5	0.0

PC3 Part27O n78 Ant9 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.16		20.0	0.0
100	PI/2 BPSK	1	137		18.16			
100	PI/2 BPSK	1	271		18.04			
100	PI/2 BPSK	135	0		18.07		20.0	0.0
100	PI/2 BPSK	135	69		18.05		20.0	0.0
100	PI/2 BPSK	135	138		18.04		20.0	0.0
100	PI/2 BPSK	270	0		18.15			
100	QPSK	1	1		18.23		20.0	0.0
100	QPSK	1	137		18.20			
100	QPSK	1	271		18.09			
100	QPSK	135	0		18.18		20.0	0.0
100	QPSK	135	69		18.20		20.0	0.0
100	QPSK	135	138		18.13		20.0	0.0
100	QPSK	270	0		18.17			
100	16QAM	1	1		18.12		20.0	0.0
100	64QAM	1	1		18.20		20.0	0.0
100	256QAM	1	1		18.01		20.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.19	18.20	18.19	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	18.21	18.07	18.09	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.12	18.14	18.20	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	18.17	18.11	18.10	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	18.18	18.18	18.08	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.18	18.20	18.09	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	18.07	18.16	18.05	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	18.19	18.08	18.17	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	18.14	18.10	18.15	20.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.09	18.06	18.18	20.0	0.0

PC2 Part27O n78 Ant9 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.13		23.0	0.0
100	PI/2 BPSK	1	137		21.20			
100	PI/2 BPSK	1	271		21.06			
100	PI/2 BPSK	135	0		21.02		23.0	0.0
100	PI/2 BPSK	135	69		21.22		23.0	0.0
100	PI/2 BPSK	135	138		21.04		23.0	0.0
100	PI/2 BPSK	270	0		21.05			
100	QPSK	1	1		21.29		23.0	0.0
100	QPSK	1	137		21.18			
100	QPSK	1	271		21.07			
100	QPSK	135	0		21.03		23.0	0.0
100	QPSK	135	69		21.27		23.0	0.0
100	QPSK	135	138		21.04		23.0	0.0
100	QPSK	270	0		21.19			
100	16QAM	1	1		21.07		23.0	0.0
100	64QAM	1	1		21.06		23.0	0.0
100	256QAM	1	1		21.07		23.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.17	21.09	21.15	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.08	21.11	21.09	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.11	21.10	21.16	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.15	21.08	21.08	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.11	21.16	21.14	23.0	0.0
Channel				649000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.07	21.14	21.07	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	21.11	21.09	21.13	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.10	21.17	21.11	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.17	21.14	21.07	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.10	21.17	21.11	23.0	0.0

PC3 Part27Q n78 Ant9 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.12		20.0	0.0
100	PI/2 BPSK	1	137		18.15			
100	PI/2 BPSK	1	271		18.09			
100	PI/2 BPSK	135	0		18.07		20.0	0.0
100	PI/2 BPSK	135	69		18.08		20.0	0.0
100	PI/2 BPSK	135	138		18.02		20.0	0.0
100	PI/2 BPSK	270	0		18.17			
100	QPSK	1	1		18.19		20.0	0.0
100	QPSK	1	137		18.09			
100	QPSK	1	271		18.03			
100	QPSK	135	0		18.15		20.0	0.0
100	QPSK	135	69		18.18		20.0	0.0
100	QPSK	135	138		18.11		20.0	0.0
100	QPSK	270	0		18.14			
100	16QAM	1	1		18.14		20.0	0.0
100	64QAM	1	1		18.12		20.0	0.0
100	256QAM	1	1		18.07		20.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.09	18.07	18.08	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.15	18.02	18.14	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.17	18.07	18.12	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.13	18.12	18.17	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.17	18.14	18.10	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.17	18.14	18.10	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.05	18.16	18.09	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.07	18.13	18.16	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.05	18.14	18.05	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.06	18.04	18.10	20.0	0.0

PC2 Part27Q n78 Ant9 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		21.05		23.0
100	PI/2 BPSK	1	137		21.04		
100	PI/2 BPSK	1	271		21.22		
100	PI/2 BPSK	135	0		21.05		23.0
100	PI/2 BPSK	135	69		21.07		23.0
100	PI/2 BPSK	135	138		21.02		23.0
100	PI/2 BPSK	270	0		21.01		
100	QPSK	1	1		21.26		23.0
100	QPSK	1	137		21.02		
100	QPSK	1	271		21.20		
100	QPSK	135	0		21.12		23.0
100	QPSK	135	69		21.21		23.0
100	QPSK	135	138		21.12		23.0
100	QPSK	270	0		21.18		
100	16QAM	1	1		21.05		23.0
100	64QAM	1	1		21.06		23.0
100	256QAM	1	1		21.16		23.0
Channel				633000	633334	633668	Tune-up limit (dBm)
Frequency (MHz)				3495	3500.01	3505.02	
90	QPSK	1	1	21.07	21.06	21.02	23.0
Channel				632668	633334	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3500.01	3510	
80	QPSK	1	1	21.10	21.09	21.02	23.0
Channel				632334	633334	634334	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3500.01	3515.01	
70	QPSK	1	1	21.09	21.04	21.10	23.0
Channel				632000	633334	634668	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3520.02	
60	QPSK	1	1	21.13	21.04	21.07	23.0
Channel				631668	633334	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3500.01	3525	
50	QPSK	1	1	21.07	21.06	21.03	23.0
Channel				631334	633334	635334	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3500.01	3530.01	
40	QPSK	1	1	21.09	21.03	21.09	23.0
Channel				631000	633334	635668	Tune-up limit (dBm)
Frequency (MHz)				3465	3500.01	3535.02	
30	QPSK	1	1	21.11	21.06	21.02	23.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	21.08	21.12	21.10	23.0
Channel				630500	633334	636168	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500.01	3542.52	
15	QPSK	1	1	21.10	21.08	21.10	23.0
Channel				630334	633334	636334	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3500.01	3545.01	
10	QPSK	1	1	21.09	21.12	21.08	23.0

MPR (dB)
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MPR (dB)
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PC3 Part27O n77 Ant10 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.11	16.17	16.16	17.2	0.0
100	PI/2 BPSK	1	137	16.05	16.18	16.13		
100	PI/2 BPSK	1	271	16.20	16.20	16.19		
100	PI/2 BPSK	135	0	16.07	16.19	16.12	17.2	0.0
100	PI/2 BPSK	135	69	16.06	16.18	16.10	17.2	0.0
100	PI/2 BPSK	135	138	16.21	16.15	16.19	17.2	0.0
100	PI/2 BPSK	270	0	16.09	16.14	16.12		
100	QPSK	1	1	16.09	16.32	16.17	17.2	0.0
100	QPSK	1	137	16.03	16.18	16.18		
100	QPSK	1	271	16.19	16.21	16.18		
100	QPSK	135	0	16.15	16.18	16.12	17.2	0.0
100	QPSK	135	69	16.08	16.28	16.17	17.2	0.0
100	QPSK	135	138	16.18	16.23	16.18	17.2	0.0
100	QPSK	270	0	16.12	16.25	16.15		
100	16QAM	1	1	16.10	16.20	16.12	17.2	0.0
100	64QAM	1	1	16.07	16.18	16.10	17.2	0.0
100	256QAM	1	1	16.19	16.20	16.19	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	15.90	16.09	16.05	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	15.90	16.11	16.09	17.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.89	16.10	16.03	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	15.98	16.04	16.08	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	15.90	16.09	16.04	17.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.92	16.08	16.07	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	15.90	16.11	16.08	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	15.95	16.11	16.04	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	15.97	16.11	16.09	17.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.95	16.12	16.11	17.2	0.0

PC3 Part27Q n77 Ant10 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.57		17.2	0.0
100	PI/2 BPSK	1	137		16.48			
100	PI/2 BPSK	1	271		16.37			
100	PI/2 BPSK	135	0		16.52		17.2	0.0
100	PI/2 BPSK	135	69		16.51		17.2	0.0
100	PI/2 BPSK	135	138		16.41		17.2	0.0
100	PI/2 BPSK	270	0		16.50			
100	QPSK	1	1		16.72		17.2	0.0
100	QPSK	1	137		16.55			
100	QPSK	1	271		16.51			
100	QPSK	135	0		16.52		17.2	0.0
100	QPSK	135	69		16.66		17.2	0.0
100	QPSK	135	138		16.51		17.2	0.0
100	QPSK	270	0		16.55			
100	16QAM	1	1		16.36		17.2	0.0
100	64QAM	1	1		16.49		17.2	0.0
100	256QAM	1	1		16.38		17.2	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.51	16.51	16.50	17.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.52	16.46	16.56	17.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.53	16.47	16.55	17.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.47	16.55	16.46	17.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.47	16.50	16.49	17.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.53	16.47	16.55	17.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.51	16.52	16.53	17.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.49	16.55	16.48	17.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.54	16.47	16.53	17.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.54	16.48	16.48	17.2	0.0

PC3 Part27O n78 Ant10 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.78		17.5	0.0
100	PI/2 BPSK	1	137		15.68			
100	PI/2 BPSK	1	271		15.60			
100	PI/2 BPSK	135	0		15.59		17.5	0.0
100	PI/2 BPSK	135	69		15.54		17.5	0.0
100	PI/2 BPSK	135	138		15.53		17.5	0.0
100	PI/2 BPSK	270	0		15.65			
100	QPSK	1	1		15.82		17.5	0.0
100	QPSK	1	137		15.79			
100	QPSK	1	271		15.52			
100	QPSK	135	0		15.60		17.5	0.0
100	QPSK	135	69		15.77		17.5	0.0
100	QPSK	135	138		15.67		17.5	0.0
100	QPSK	270	0		15.72			
100	16QAM	1	1		15.54		17.5	0.0
100	64QAM	1	1		15.59		17.5	0.0
100	256QAM	1	1		15.63		17.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.73	15.71	15.76	17.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.76	15.65	15.74	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.72	15.67	15.70	17.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.68	15.77	15.75	17.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.66	15.76	15.73	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.67	15.77	15.72	17.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.79	15.78	15.74	17.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.71	15.75	15.71	17.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.74	15.70	15.74	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.66	15.73	15.75	17.5	0.0

PC2 Part27O n78 Ant10 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.65		20.5	0.0
100	PI/2 BPSK	1	137		18.62			
100	PI/2 BPSK	1	271		18.52			
100	PI/2 BPSK	135	0		18.59		20.5	0.0
100	PI/2 BPSK	135	69		18.61		20.5	0.0
100	PI/2 BPSK	135	138		18.62		20.5	0.0
100	PI/2 BPSK	270	0		18.62			
100	QPSK	1	1		18.73		20.5	0.0
100	QPSK	1	137		18.59			
100	QPSK	1	271		18.61			
100	QPSK	135	0		18.62		20.5	0.0
100	QPSK	135	69		18.67		20.5	0.0
100	QPSK	135	138		18.60		20.5	0.0
100	QPSK	270	0		18.61			
100	16QAM	1	1		18.59		20.5	0.0
100	64QAM	1	1		18.62		20.5	0.0
100	256QAM	1	1		18.63		20.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.55	18.55	18.65	20.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.58	18.55	18.54	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.64	18.54	18.63	20.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.60	18.63	18.68	20.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.55	18.60	18.56	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.68	18.67	18.53	20.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.59	18.54	18.68	20.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.54	18.56	18.68	20.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.60	18.67	18.61	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.57	18.68	18.67	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.27		17.5	0.0
100	PI/2 BPSK	1	137		16.21			
100	PI/2 BPSK	1	271		16.17			
100	PI/2 BPSK	135	0		16.08		17.5	0.0
100	PI/2 BPSK	135	69		15.98		17.5	0.0
100	PI/2 BPSK	135	138		15.97		17.5	0.0
100	PI/2 BPSK	270	0		16.17			
100	QPSK	1	1		16.38		17.5	0.0
100	QPSK	1	137		16.26			
100	QPSK	1	271		15.98			
100	QPSK	135	0		16.05		17.5	0.0
100	QPSK	135	69		16.31		17.5	0.0
100	QPSK	135	138		16.17		17.5	0.0
100	QPSK	270	0		16.28			
100	16QAM	1	1		16.06		17.5	0.0
100	64QAM	1	1		16.05		17.5	0.0
100	256QAM	1	1		16.18		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.73	15.71	15.76	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.76	15.65	15.74	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.72	15.67	15.70	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.68	15.77	15.75	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.66	15.76	15.73	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.67	15.77	15.72	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.79	15.78	15.74	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.71	15.75	15.71	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.74	15.70	15.74	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.66	15.73	15.75	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.97		20.5	0.0
100	PI/2 BPSK	1	137		19.21			
100	PI/2 BPSK	1	271		19.18			
100	PI/2 BPSK	135	0		19.08		20.5	0.0
100	PI/2 BPSK	135	69		19.04		20.5	0.0
100	PI/2 BPSK	135	138		19.14		20.5	0.0
100	PI/2 BPSK	270	0		19.04			
100	QPSK	1	1		19.23		20.5	0.0
100	QPSK	1	137		19.18			
100	QPSK	1	271		19.15			
100	QPSK	135	0		19.01		20.5	0.0
100	QPSK	135	69		19.20		20.5	0.0
100	QPSK	135	138		19.15		20.5	0.0
100	QPSK	270	0		19.16			
100	16QAM	1	1		19.11		20.5	0.0
100	64QAM	1	1		19.08		20.5	0.0
100	256QAM	1	1		19.02		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.11	19.11	18.99	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.11	19.08	19.07	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.02	19.08	19.00	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.10	19.05	18.99	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.10	18.99	19.04	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.98	19.10	19.00	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.99	19.08	18.99	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.01	19.10	19.06	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.99	18.99	19.09	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.98	19.05	19.01	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.29	19.39	19.32	20.2	0.0
100	PI/2 BPSK	1	137	19.38	19.13	19.32		
100	PI/2 BPSK	1	271	19.25	19.09	19.36		
100	PI/2 BPSK	135	0	19.24	19.17	19.19	20.2	0.0
100	PI/2 BPSK	135	69	19.13	19.31	19.18	20.2	0.0
100	PI/2 BPSK	135	138	19.22	19.16	19.09	20.2	0.0
100	PI/2 BPSK	270	0	19.06	19.06	19.25		
100	QPSK	1	1	19.37	19.42	19.22	20.2	0.0
100	QPSK	1	137	19.22	19.36	19.26		
100	QPSK	1	271	19.08	19.24	19.13		
100	QPSK	135	0	19.22	19.17	19.25	20.2	0.0
100	QPSK	135	69	19.36	19.38	19.31	20.2	0.0
100	QPSK	135	138	19.31	19.27	19.16	20.2	0.0
100	QPSK	270	0	19.25	19.32	19.28		
100	16QAM	1	1	19.21	19.22	19.19	20.2	0.0
100	64QAM	1	1	19.20	19.11	19.20	20.2	0.0
100	256QAM	1	1	19.26	19.18	19.26	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	19.21	19.28	19.12	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	19.20	19.38	19.06	20.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.23	19.29	19.13	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	19.34	19.35	19.18	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	19.24	19.32	19.07	20.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.31	19.34	19.14	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	19.22	19.30	19.12	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	19.23	19.25	19.17	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	19.27	19.38	19.08	20.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.35	19.32	19.07	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.28		20.2	0.0
100	PI/2 BPSK	1	137		19.22			
100	PI/2 BPSK	1	271		19.19			
100	PI/2 BPSK	135	0		19.12		20.2	0.0
100	PI/2 BPSK	135	69		19.18		20.2	0.0
100	PI/2 BPSK	135	138		19.19		20.2	0.0
100	PI/2 BPSK	270	0		19.13			
100	QPSK	1	1		19.36		20.2	0.0
100	QPSK	1	137		19.31			
100	QPSK	1	271		19.16			
100	QPSK	135	0		19.27		20.2	0.0
100	QPSK	135	69		19.34		20.2	0.0
100	QPSK	135	138		19.26		20.2	0.0
100	QPSK	270	0		19.29			
100	16QAM	1	1		19.25		20.2	0.0
100	64QAM	1	1		19.21		20.2	0.0
100	256QAM	1	1		19.19		20.2	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.21	19.26	19.27	20.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.23	19.32	19.23	20.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.27	19.23	19.22	20.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.31	19.31	19.22	20.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.23	19.18	19.30	20.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.31	19.30	19.31	20.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.21	19.21	19.20	20.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.24	19.18	19.25	20.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.30	19.25	19.29	20.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.30	19.33	19.18	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.40		20.5	0.0
100	PI/2 BPSK	1	137		19.34			
100	PI/2 BPSK	1	271		19.32			
100	PI/2 BPSK	135	0		19.16		20.5	0.0
100	PI/2 BPSK	135	69		19.24		20.5	0.0
100	PI/2 BPSK	135	138		19.28		20.5	0.0
100	PI/2 BPSK	270	0		19.30			
100	QPSK	1	1		19.45		20.5	0.0
100	QPSK	1	137		19.42			
100	QPSK	1	271		19.30			
100	QPSK	135	0		19.32		20.5	0.0
100	QPSK	135	69		19.38		20.5	0.0
100	QPSK	135	138		19.23		20.5	0.0
100	QPSK	270	0		19.30			
100	16QAM	1	1		19.38		20.5	0.0
100	64QAM	1	1		19.34		20.5	0.0
100	256QAM	1	1		19.23		20.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.30	19.39	19.41	20.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.33	19.34	19.34	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.43	19.40	19.35	20.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.35	19.35	19.33	20.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.28	19.36	19.27	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.33	19.38	19.37	20.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.36	19.33	19.42	20.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.35	19.37	19.34	20.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.39	19.31	19.28	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.38	19.28	19.32	20.5	0.0

PC2 Part27O n78 Ant11 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.64		23.5	0.0
100	PI/2 BPSK	1	137		22.39			
100	PI/2 BPSK	1	271		22.44			
100	PI/2 BPSK	135	0		22.59		23.5	0.0
100	PI/2 BPSK	135	69		22.50		23.5	0.0
100	PI/2 BPSK	135	138		22.42		23.5	0.0
100	PI/2 BPSK	270	0		22.39			
100	QPSK	1	1		22.57		23.5	0.0
100	QPSK	1	137		22.53			
100	QPSK	1	271		22.50			
100	QPSK	135	0		22.55		23.5	0.0
100	QPSK	135	69		22.65		23.5	0.0
100	QPSK	135	138		22.52		23.5	0.0
100	QPSK	270	0		22.56			
100	16QAM	1	1		22.42		23.5	0.0
100	64QAM	1	1		22.51		23.5	0.0
100	256QAM	1	1		21.39		22.5	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.32	22.35	22.34	23.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.42	22.38	22.38	23.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.51	22.43	22.56	23.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.44	22.47	22.36	23.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.52	22.52	22.39	23.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.37	22.46	22.48	23.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.51	22.45	22.57	23.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.51	22.47	22.39	23.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.36	22.37	22.48	23.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.31	22.55	22.40	23.5	0.0

PC3 Part27Q n78 Ant11 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.56		20.5	0.0
100	PI/2 BPSK	1	137		19.45			
100	PI/2 BPSK	1	271		19.49			
100	PI/2 BPSK	135	0		19.51		20.5	0.0
100	PI/2 BPSK	135	69		19.49		20.5	0.0
100	PI/2 BPSK	135	138		19.45		20.5	0.0
100	PI/2 BPSK	270	0		19.34			
100	QPSK	1	1		19.63		20.5	0.0
100	QPSK	1	137		19.58			
100	QPSK	1	271		19.52			
100	QPSK	135	0		19.60		20.5	0.0
100	QPSK	135	69		19.62		20.5	0.0
100	QPSK	135	138		19.45		20.5	0.0
100	QPSK	270	0		19.58			
100	16QAM	1	1		19.46		20.5	0.0
100	64QAM	1	1		19.39		20.5	0.0
100	256QAM	1	1		19.27		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.55	19.58	19.60	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.53	19.51	19.53	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.60	19.46	19.60	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.46	19.58	19.46	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.50	19.49	19.56	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.58	19.61	19.47	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.46	19.53	19.58	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.46	19.56	19.47	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.53	19.49	19.47	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.57	19.54	19.49	20.5	0.0

PC2 Part27Q n78 Ant11 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.57		23.5	0.0
100	PI/2 BPSK	1	137		22.47			
100	PI/2 BPSK	1	271		22.50			
100	PI/2 BPSK	135	0		22.52		23.5	0.0
100	PI/2 BPSK	135	69		22.47		23.5	0.0
100	PI/2 BPSK	135	138		22.44		23.5	0.0
100	PI/2 BPSK	270	0		22.33			
100	QPSK	1	1		22.61		23.5	0.0
100	QPSK	1	137		22.58			
100	QPSK	1	271		22.50			
100	QPSK	135	0		22.56		23.5	0.0
100	QPSK	135	69		22.60		23.5	0.0
100	QPSK	135	138		22.46		23.5	0.0
100	QPSK	270	0		22.59			
100	16QAM	1	1		22.46		23.5	0.0
100	64QAM	1	1		22.38		23.5	0.0
100	256QAM	1	1		21.29		22.5	1.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.41	22.46	22.43	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.43	22.46	22.44	23.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.42	22.47	22.45	23.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.44	22.45	22.43	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.43	22.46	22.44	23.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.42	22.46	22.44	23.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.40	22.45	22.45	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.43	22.45	22.47	23.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.43	22.47	22.43	23.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.42	22.48	22.45	23.5	0.0

Reduced Power Mode for DSI4

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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.79	24.87	24.85	25.5	0.0
20	PI/2 BPSK	1	53	24.84	24.89	24.82		
20	PI/2 BPSK	1	104	24.77	24.79	24.65		
20	PI/2 BPSK	50	0	24.19	24.46	24.25	25.0	0.5
20	PI/2 BPSK	50	28	24.67	24.83	24.71	25.5	0.0
20	PI/2 BPSK	50	56	24.02	24.27	24.12	25.0	0.5
20	PI/2 BPSK	100	0	24.37	24.38	24.28		
20	QPSK	1	1	24.94	24.96	24.85	25.5	0.0
20	QPSK	1	53	24.79	24.86	24.70		
20	QPSK	1	104	24.61	24.79	24.65		
20	QPSK	50	0	23.71	23.73	23.76	24.5	1.0
20	QPSK	50	28	24.82	24.90	24.74	25.5	0.0
20	QPSK	50	56	23.75	23.81	23.73	24.5	1.0
20	QPSK	100	0	23.73	23.95	23.66		
20	16QAM	1	1	23.69	23.88	23.75	24.5	1.0
20	64QAM	1	1	22.32	22.41	22.16	23.0	2.5
20	256QAM	1	1	20.68	20.71	20.55	21.0	4.5
Channel				168300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.91	24.83	24.80	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.78	24.81	24.77	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.92	24.87	24.81	25.5	0.0

n7 Ant0 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.35	23.43	23.25	24.0	0.0
40	PI/2 BPSK	1	108	23.44	23.40	23.31		
40	PI/2 BPSK	1	214	23.23	23.30	23.10		
40	PI/2 BPSK	108	0	22.61	22.85	22.90	23.5	0.5
40	PI/2 BPSK	108	54	23.00	23.30	23.03	24.0	0.0
40	PI/2 BPSK	108	108	22.79	22.77	22.69	23.5	0.5
40	PI/2 BPSK	216	0	22.68	22.76	22.64		
40	QPSK	1	1	23.22	23.47	23.35	24.0	0.0
40	QPSK	1	108	23.07	23.25	23.24		
40	QPSK	1	214	23.24	23.11	23.22		
40	QPSK	108	0	22.16	22.31	22.11	23.0	1.0
40	QPSK	108	54	23.02	23.20	22.99	24.0	0.0
40	QPSK	108	108	22.04	22.25	22.18	23.0	1.0
40	QPSK	216	0	22.22	22.26	22.16		
40	16QAM	1	1	22.16	22.11	21.94	23.0	1.0
40	64QAM	1	1	20.44	20.68	20.58	21.5	2.5
40	256QAM	1	1	18.38	18.38	18.42	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.11	23.33	23.22	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	23.18	23.29	23.31	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.10	23.37	23.24	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	23.20	23.39	23.27	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.10	23.30	23.30	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	23.14	23.44	23.30	24.0	0.0

n66 Ant0 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.81	22.94	22.85	23.5	0.0
40	PI/2 BPSK	1	108	22.83	22.91	22.88		
40	PI/2 BPSK	1	214	22.71	22.92	22.64		
40	PI/2 BPSK	108	0	22.28	22.41	22.19	23.0	0.5
40	PI/2 BPSK	108	54	22.86	23.00	22.85	23.5	0.0
40	PI/2 BPSK	108	108	22.33	22.38	22.30	23.0	0.5
40	PI/2 BPSK	216	0	22.34	22.42	22.24		
40	QPSK	1	1	22.78	23.03	22.97	23.5	0.0
40	QPSK	1	108	22.77	22.89	22.74		
40	QPSK	1	214	22.57	22.73	22.60		
40	QPSK	108	0	21.65	21.84	21.85	22.5	1.0
40	QPSK	108	54	22.94	23.02	22.82	23.5	0.0
40	QPSK	108	108	21.69	21.84	21.77	22.5	1.0
40	QPSK	216	0	21.92	22.06	21.98		
40	16QAM	1	1	21.88	21.94	21.89	22.5	1.0
40	64QAM	1	1	20.36	20.30	20.29	21.0	2.5
40	256QAM	1	1	18.66	18.74	18.74	19.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.67	22.86	22.86	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.74	22.94	22.84	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.67	22.89	22.89	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.72	22.85	22.89	#REF!	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.61	22.97	22.87	23.5	0.0

n38 Ant0 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.13	23.21	23.19	24.0	0.0
40	PI/2 BPSK	1	53	23.11	23.14	23.10		
40	PI/2 BPSK	1	104	22.91	23.13	22.94		
40	PI/2 BPSK	50	0	22.62	22.66	22.55	23.5	0.5
40	PI/2 BPSK	50	28	23.02	23.22	22.96	24.0	0.0
40	PI/2 BPSK	50	56	22.53	22.59	22.57	23.5	0.5
40	PI/2 BPSK	100	0	22.55	22.79	22.53		
40	QPSK	1	1	23.15	23.24	23.22	24.0	0.0
40	QPSK	1	53	22.93	23.00	22.96		
40	QPSK	1	104	22.92	23.12	22.84		
40	QPSK	50	0	22.08	22.13	22.02	23.0	1.0
40	QPSK	50	28	23.04	23.17	23.03	24.0	0.0
40	QPSK	50	56	22.07	22.12	22.18	23.0	1.0
40	QPSK	100	0	22.17	22.25	22.15		
40	16QAM	1	1	22.00	22.35	22.22	23.0	1.0
40	64QAM	1	1	20.37	20.59	20.39	21.5	2.5
40	256QAM	1	1	18.37	18.32	18.33	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	23.08	23.20	23.12	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580	2595	2610		
20	QPSK	1	1	22.99	23.14	23.16	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	23.11	23.07	23.19	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.98	23.18	23.11	24.0	0.0

n41 Ant0 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.79	22.93	22.87	24.0	0.0
100	PI/2 BPSK	1	137	22.82	22.85	22.85		
100	PI/2 BPSK	1	271	22.74	22.91	22.80		
100	PI/2 BPSK	135	0	22.35	22.45	22.31	23.5	0.5
100	PI/2 BPSK	135	69	22.79	22.93	22.96	24.0	0.0
100	PI/2 BPSK	135	138	22.34	22.48	22.39	23.5	0.5
100	PI/2 BPSK	270	0	22.31	22.46	22.30		
100	QPSK	1	1	22.88	22.98	22.95	24.0	0.0
100	QPSK	1	137	22.85	22.91	22.89		
100	QPSK	1	271	22.78	22.80	22.76		
100	QPSK	135	0	21.70	21.68	21.52	23.0	1.0
100	QPSK	135	69	22.91	22.93	22.87	24.0	0.0
100	QPSK	135	138	21.84	21.77	21.79	23.0	1.0
100	QPSK	270	0	21.67	21.80	21.61		
100	16QAM	1	1	21.86	22.05	21.93	23.0	1.0
100	64QAM	1	1	20.44	20.37	20.35	21.5	2.5
100	256QAM	1	1	18.32	18.39	18.13	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.70	22.95	22.77	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.71	22.92	22.87	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.71	22.90	22.84	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.76	22.83	22.91	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.81	22.84	22.82	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.72	22.90	22.87	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.71	22.93	22.86	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.77	22.88	22.93	24.0	0.0

PC3 Part27O n77 Ant0 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.86	22.95	22.90	24.0	0.0
100	PI/2 BPSK	1	137	22.82	22.83	22.78		
100	PI/2 BPSK	1	271	22.81	22.92	22.87		
100	PI/2 BPSK	135	0	22.32	22.44	22.16	23.5	0.5
100	PI/2 BPSK	135	69	22.85	22.89	22.81	24.0	0.0
100	PI/2 BPSK	135	138	21.98	22.18	22.17	23.5	0.5
100	PI/2 BPSK	270	0	22.17	22.28	22.16		
100	QPSK	1	1	22.92	22.99	22.96	24.0	0.0
100	QPSK	1	137	22.90	22.93	22.84		
100	QPSK	1	271	22.81	22.85	22.77		
100	QPSK	135	0	21.77	21.80	21.78	23.0	1.0
100	QPSK	135	69	22.87	22.91	22.82	24.0	0.0
100	QPSK	135	138	21.45	21.65	21.60	23.0	1.0
100	QPSK	270	0	21.61	21.82	21.62		
100	16QAM	1	1	21.65	21.67	21.65	23.0	1.0
100	64QAM	1	1	20.32	20.30	20.09	21.5	2.5
100	256QAM	1	1	18.13	18.20	18.14	19.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.75	22.87	22.85	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	22.89	22.94	22.93	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.88	22.93	22.85	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	22.85	22.91	22.92	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	22.88	22.81	22.85	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.83	22.86	22.84	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	22.76	22.97	22.92	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	22.87	22.84	22.92	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	22.86	22.96	22.84	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.82	22.83	22.83	24.0	0.0

PC3 Part27Q n77 Ant0 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.05		24.0	0.0
100	PI/2 BPSK	1	137		22.95			
100	PI/2 BPSK	1	271		22.99			
100	PI/2 BPSK	135	0		22.43		23.5	0.5
100	PI/2 BPSK	135	69		22.92		24.0	0.0
100	PI/2 BPSK	135	138		22.45		23.5	0.5
100	PI/2 BPSK	270	0		22.55			
100	QPSK	1	1		23.09		24.0	0.0
100	QPSK	1	137		23.01			
100	QPSK	1	271		22.91			
100	QPSK	135	0		21.98		23.0	1.0
100	QPSK	135	69		23.06		24.0	0.0
100	QPSK	135	138		21.92		23.0	1.0
100	QPSK	270	0		22.07			
100	16QAM	1	1		21.96		23.0	1.0
100	64QAM	1	1		20.58		21.5	2.5
100	256QAM	1	1		18.49		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.02	22.97	23.07	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.93	23.02	23.03	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.97	22.95	22.92	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.95	22.92	22.93	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.01	23.05	23.05	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.04	22.99	22.94	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.93	22.98	23.01	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.00	22.93	23.02	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.02	22.98	22.99	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.94	23.03	23.05	24.0	0.0

PC3 Part27O n78 Ant0 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.74		22.0	0.0
100	PI/2 BPSK	1	137		20.70			
100	PI/2 BPSK	1	271		20.63			
100	PI/2 BPSK	135	0		20.62		22.0	0.0
100	PI/2 BPSK	135	69		20.62		22.0	0.0
100	PI/2 BPSK	135	138		20.73		22.0	0.0
100	PI/2 BPSK	270	0		20.64			
100	QPSK	1	1		20.79		22.0	0.0
100	QPSK	1	137		20.63			
100	QPSK	1	271		20.66			
100	QPSK	135	0		20.69		22.0	0.0
100	QPSK	135	69		20.71		22.0	0.0
100	QPSK	135	138		20.60		22.0	0.0
100	QPSK	270	0		20.68			
100	16QAM	1	1		20.70		22.0	0.0
100	64QAM	1	1		19.63		20.5	1.5
100	256QAM	1	1		17.63		18.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.72	20.75	20.64	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.69	20.72	20.73	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.73	20.70	20.71	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.68	20.66	20.65	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.74	20.65	20.68	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.61	20.62	20.62	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.65	20.70	20.69	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.66	20.73	20.76	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.62	20.63	20.64	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.67	20.64	20.69	22.0	0.0

PC2 Part27O n78 Ant0 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.64		25.0	0.0
100	PI/2 BPSK	1	137		23.53			
100	PI/2 BPSK	1	271		23.52			
100	PI/2 BPSK	135	0		23.08		24.5	0.5
100	PI/2 BPSK	135	69		23.50		25.0	0.0
100	PI/2 BPSK	135	138		22.94		24.5	0.5
100	PI/2 BPSK	270	0		23.06			
100	QPSK	1	1		23.69		25.0	0.0
100	QPSK	1	137		23.55			
100	QPSK	1	271		23.43			
100	QPSK	135	0		23.40		24.0	1.0
100	QPSK	135	69		23.61		25.0	0.0
100	QPSK	135	138		22.53		24.0	1.0
100	QPSK	270	0		22.48			
100	16QAM	1	1		22.41		24.0	1.0
100	64QAM	1	1		20.83		22.5	2.5
100	256QAM	1	1		18.88		20.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.51	23.55	23.53	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.66	23.64	23.59	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.57	23.52	23.55	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.52	23.62	23.55	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.58	23.63	23.60	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.64	23.60	23.56	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.67	23.66	23.61	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.64	23.61	23.65	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.58	23.64	23.52	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.53	23.58	23.63	25.0	0.0

PC3 Part27Q n78 Ant0 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.98		22.0	0.0
100	PI/2 BPSK	1	137		20.88			
100	PI/2 BPSK	1	271		20.93			
100	PI/2 BPSK	135	0		20.92		22.0	0.0
100	PI/2 BPSK	135	69		20.99		22.0	0.0
100	PI/2 BPSK	135	138		20.80		22.0	0.0
100	PI/2 BPSK	270	0		20.82			
100	QPSK	1	1		21.02		22.0	0.0
100	QPSK	1	137		20.92			
100	QPSK	1	271		20.87			
100	QPSK	135	0		20.96		22.0	0.0
100	QPSK	135	69		21.01		22.0	0.0
100	QPSK	135	138		20.92		22.0	0.0
100	QPSK	270	0		20.94			
100	16QAM	1	1		20.87		22.0	0.0
100	64QAM	1	1		19.61		20.5	1.5
100	256QAM	1	1		17.82		18.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.99	20.95	21.00	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.99	20.88	20.98	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.95	21.00	20.97	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.87	20.95	20.99	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.86	20.91	20.86	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.90	20.99	20.93	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.92	20.92	20.95	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.98	20.89	20.93	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.99	20.98	20.92	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.89	20.85	21.00	22.0	0.0

PC2 Part27Q n78 Ant0 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.04		25.0	0.0
100	PI/2 BPSK	1	137		23.90			
100	PI/2 BPSK	1	271		23.89			
100	PI/2 BPSK	135	0		23.48		24.5	0.5
100	PI/2 BPSK	135	69		23.90		25.0	0.0
100	PI/2 BPSK	135	138		23.59		24.5	0.5
100	PI/2 BPSK	270	0		23.54			
100	QPSK	1	1		24.08		25.0	0.0
100	QPSK	1	137		24.02			
100	QPSK	1	271		23.99			
100	QPSK	135	0		22.92		24.0	1.0
100	QPSK	135	69		23.94		25.0	0.0
100	QPSK	135	138		23.07		24.0	1.0
100	QPSK	270	0		23.10			
100	16QAM	1	1		22.82		24.0	1.0
100	64QAM	1	1		21.37		22.5	2.5
100	256QAM	1	1		19.37		20.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.05	24.06	23.96	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.01	23.97	24.02	25.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.00	24.05	24.05	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.02	24.02	24.03	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.96	23.91	24.05	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.92	24.02	24.03	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.00	23.95	23.90	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.06	23.93	23.98	25.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.02	23.99	23.91	25.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.91	24.06	23.91	25.0	0.0

n5 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.05	23.07	23.19	24.0	0.0
20	PI/2 BPSK	1	53	23.16	23.14	22.94		
20	PI/2 BPSK	1	104	22.60	22.89	22.95		
20	PI/2 BPSK	50	0	23.18	23.25	23.01	24.0	0.0
20	PI/2 BPSK	50	28	23.02	23.14	22.94	24.0	0.0
20	PI/2 BPSK	50	56	23.32	23.11	22.97	24.0	0.0
20	PI/2 BPSK	100	0	23.24	23.38	23.18		
20	QPSK	1	1	22.98	23.45	23.08	24.0	0.0
20	QPSK	1	53	22.87	22.86	22.80		
20	QPSK	1	104	23.09	23.15	23.19		
20	QPSK	50	0	23.12	23.10	22.86	24.0	0.0
20	QPSK	50	28	23.06	23.24	22.91	24.0	0.0
20	QPSK	50	56	23.06	23.17	23.17	24.0	0.0
20	QPSK	100	0	23.13	23.23	23.04		
20	16QAM	1	1	23.27	23.37	23.17	24.0	0.0
20	64QAM	1	1	21.84	21.93	21.76	22.5	1.5
20	256QAM	1	1	20.14	20.03	20.01	20.5	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.06	23.13	22.93	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.19	22.95	22.93	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	23.03	22.99	22.98	24.0	0.0

n7 Ant3 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	24.26	24.42	24.39	25.0	0.0
40	PI/2 BPSK	1	108	24.36	24.39	24.35		
40	PI/2 BPSK	1	214	23.21	23.35	23.23		
40	PI/2 BPSK	108	0	23.80	23.91	23.89	24.5	0.5
40	PI/2 BPSK	108	54	24.27	24.34	24.18	25.0	0.0
40	PI/2 BPSK	108	108	23.81	23.93	23.80	24.5	0.5
40	PI/2 BPSK	216	0	23.74	23.88	23.82		
40	QPSK	1	1	24.34	24.47	24.40	25.0	0.0
40	QPSK	1	108	23.32	23.38	23.29		
40	QPSK	1	214	24.18	24.33	24.19		
40	QPSK	108	0	23.32	23.41	23.29	24.0	1.0
40	QPSK	108	54	24.40	24.42	24.29	25.0	0.0
40	QPSK	108	108	23.34	23.40	23.23	24.0	1.0
40	QPSK	216	0	23.29	23.43	23.29		
40	16QAM	1	1	23.35	23.41	23.33	24.0	1.0
40	64QAM	1	1	21.39	21.56	21.53	22.5	2.5
40	256QAM	1	1	19.69	19.71	19.57	20.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.28	24.32	24.27	25.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.20	24.41	24.34	25.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.23	24.35	24.28	25.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.31	24.37	24.27	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.30	24.31	24.33	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.27	24.39	24.23	25.0	0.0

n66 Ant3 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.19	24.35	24.22	25.0	0.0
40	PI/2 BPSK	1	108	24.37	24.33	24.34		
40	PI/2 BPSK	1	214	24.18	24.36	24.31		
40	PI/2 BPSK	108	0	23.75	23.91	23.80	24.5	0.5
40	PI/2 BPSK	108	54	24.22	24.39	24.32	25.0	0.0
40	PI/2 BPSK	108	108	24.03	24.02	23.84	24.5	0.5
40	PI/2 BPSK	216	0	23.81	23.83	23.78		
40	QPSK	1	1	24.39	24.45	24.40	25.0	0.0
40	QPSK	1	108	24.37	24.30	24.30		
40	QPSK	1	214	24.43	24.31	24.41		
40	QPSK	108	0	23.41	23.49	23.26	24.0	1.0
40	QPSK	108	54	24.37	24.40	24.32	25.0	0.0
40	QPSK	108	108	23.32	23.41	23.39	24.0	1.0
40	QPSK	216	0	23.41	23.43	23.35		
40	16QAM	1	1	23.46	23.45	23.23	24.0	1.0
40	64QAM	1	1	21.66	21.78	21.69	22.5	2.5
40	256QAM	1	1	19.83	19.92	19.79	20.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.31	24.33	24.25	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.36	24.30	24.25	25.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.34	24.42	24.30	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.32	24.27	24.37	#REF!	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.21	24.41	24.25	25.0	0.0

n38 Ant3 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.42	24.45	24.36	25.0	0.0
40	PI/2 BPSK	1	53	24.28	24.38	24.32		
40	PI/2 BPSK	1	104	24.27	24.30	24.25		
40	PI/2 BPSK	50	0	23.82	23.89	23.81	24.5	0.5
40	PI/2 BPSK	50	28	24.29	24.38	24.27	25.0	0.0
40	PI/2 BPSK	50	56	23.82	23.91	23.80	24.5	0.5
40	PI/2 BPSK	100	0	23.79	23.89	23.78		
40	QPSK	1	1	23.39	24.47	24.36	25.0	0.0
40	QPSK	1	53	24.28	24.41	24.26		
40	QPSK	1	104	24.15	24.25	24.19		
40	QPSK	50	0	23.25	23.41	23.39	24.0	1.0
40	QPSK	50	28	24.17	24.35	24.30	25.0	0.0
40	QPSK	50	56	23.20	23.31	23.20	24.0	1.0
40	QPSK	100	0	23.31	23.35	23.22		
40	16QAM	1	1	23.15	23.32	23.25	24.0	1.0
40	64QAM	1	1	21.63	21.73	21.70	22.5	2.5
40	256QAM	1	1	19.38	19.48	19.37	20.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.25	24.39	24.25	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.30	24.33	24.20	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.33	24.36	24.27	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.26	24.46	24.23	25.0	0.0

n41 Ant3 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.25	24.30	24.28	25.0	0.0
100	PI/2 BPSK	1	137	24.07	24.21	24.23		
100	PI/2 BPSK	1	271	24.36	24.24	24.30		
100	PI/2 BPSK	135	0	23.72	23.85	23.70	24.5	0.5
100	PI/2 BPSK	135	69	24.29	24.30	24.35	25.0	0.0
100	PI/2 BPSK	135	138	23.76	23.79	23.79	24.5	0.5
100	PI/2 BPSK	270	0	23.72	23.74	23.75		
100	QPSK	1	1	24.29	24.39	24.35	25.0	0.0
100	QPSK	1	137	24.30	24.31	24.24		
100	QPSK	1	271	24.31	24.37	24.23		
100	QPSK	135	0	23.30	23.38	23.27	24.0	1.0
100	QPSK	135	69	24.18	24.23	24.19	25.0	0.0
100	QPSK	135	138	23.20	23.37	23.31	24.0	1.0
100	QPSK	270	0	23.19	23.31	23.22		
100	16QAM	1	1	23.10	23.12	22.98	24.0	1.0
100	64QAM	1	1	21.45	21.67	21.61	22.5	2.5
100	256QAM	1	1	19.76	19.74	19.82	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.26	24.36	24.21	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	24.22	24.25	24.25	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.20	24.32	24.30	25.0	0.0
Channel				506200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.16	24.34	24.26	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.24	24.22	24.20	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.19	24.25	24.29	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.24	24.30	24.27	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.19	24.32	24.18	25.0	0.0

n7 Ant4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	21.82	21.96	21.77	22.5	0.0
40	PI/2 BPSK	1	108	21.79	22.01	21.97		
40	PI/2 BPSK	1	214	21.71	21.85	21.74		
40	PI/2 BPSK	108	0	21.87	21.84	21.94	22.5	0.0
40	PI/2 BPSK	108	54	21.95	21.93	21.83	22.5	0.0
40	PI/2 BPSK	108	108	21.76	21.84	21.82	22.5	0.0
40	PI/2 BPSK	216	0	21.95	21.86	21.75		
40	QPSK	1	1	21.98	22.02	21.93	22.5	0.0
40	QPSK	1	108	21.91	21.91	21.86		
40	QPSK	1	214	21.91	21.94	21.75		
40	QPSK	108	0	21.87	21.96	21.94	22.5	0.0
40	QPSK	108	54	21.89	22.00	21.97	22.5	0.0
40	QPSK	108	108	21.81	21.91	21.84	22.5	0.0
40	QPSK	216	0	21.95	21.98	21.93		
40	16QAM	1	1	21.86	21.89	21.99	22.5	0.0
40	64QAM	1	1	19.93	20.02	20.09	21.0	1.5
40	256QAM	1	1	18.24	18.24	18.15	19.0	3.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.93	21.99	21.86	22.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.88	21.95	21.89	22.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	21.89	21.96	21.86	22.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.91	21.98	21.88	22.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.92	21.96	21.85	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.91	21.95	21.87	22.5	0.0

n66 Ant4 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.74	22.85	22.80	23.5	0.0
40	PI/2 BPSK	1	108	22.72	22.81	22.77		
40	PI/2 BPSK	1	214	22.69	22.78	22.63		
40	PI/2 BPSK	108	0	21.90	21.99	21.99	23.0	0.5
40	PI/2 BPSK	108	54	22.71	22.79	22.76	23.5	0.0
40	PI/2 BPSK	108	108	22.07	22.26	22.23	23.0	0.5
40	PI/2 BPSK	216	0	22.05	22.25	22.10		
40	QPSK	1	1	22.74	22.88	22.87	23.5	0.0
40	QPSK	1	108	22.78	22.86	22.65		
40	QPSK	1	214	22.75	22.81	22.72		
40	QPSK	108	0	21.42	21.55	21.43	22.5	1.0
40	QPSK	108	54	22.55	22.74	22.70	23.5	0.0
40	QPSK	108	108	21.74	21.83	21.75	22.5	1.0
40	QPSK	216	0	21.65	21.89	21.53		
40	16QAM	1	1	21.39	21.47	21.51	22.5	1.0
40	64QAM	1	1	19.47	19.63	19.50	21.0	2.5
40	256QAM	1	1	17.60	17.68	17.42	19.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.67	22.85	22.79	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.70	22.71	22.78	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.68	22.82	22.75	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.67	22.81	22.85	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.57	22.72	22.69	23.5	0.0

n38 Ant4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.68	20.73	20.70	21.5	0.0
40	PI/2 BPSK	1	53	20.63	20.68	20.52		
40	PI/2 BPSK	1	104	20.53	20.60	20.58		
40	PI/2 BPSK	50	0	20.66	20.71	20.67	21.5	0.0
40	PI/2 BPSK	50	28	20.66	20.69	20.51	21.5	0.0
40	PI/2 BPSK	50	56	20.64	20.73	20.64	21.5	0.0
40	PI/2 BPSK	100	0	20.70	20.72	20.68		
40	QPSK	1	1	20.67	20.82	20.73	21.5	0.0
40	QPSK	1	53	20.56	20.64	20.50		
40	QPSK	1	104	20.42	20.59	20.53		
40	QPSK	50	0	20.58	20.67	20.54	21.5	0.0
40	QPSK	50	28	20.66	20.77	20.63	21.5	0.0
40	QPSK	50	56	20.50	20.61	20.58	21.5	0.0
40	QPSK	100	0	20.60	20.70	20.54		
40	16QAM	1	1	20.59	20.68	20.63	21.5	0.0
40	64QAM	1	1	19.99	20.12	20.06	21.0	0.5
40	256QAM	1	1	17.71	17.83	17.77	19.0	2.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.54	20.69	20.67	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.54	20.68	20.55	21.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.64	20.72	20.57	21.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.63	20.70	20.57	21.5	0.0

n41 Ant4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.49	21.58	21.35	22.5	0.0
100	PI/2 BPSK	1	137	21.38	21.51	21.41		
100	PI/2 BPSK	1	271	21.39	21.55	21.49		
100	PI/2 BPSK	135	0	21.41	21.46	21.45	22.5	0.0
100	PI/2 BPSK	135	69	21.44	21.53	21.43	22.5	0.0
100	PI/2 BPSK	135	138	21.43	21.47	21.34	22.5	0.0
100	PI/2 BPSK	270	0	21.42	21.57	21.39		
100	QPSK	1	1	21.56	21.63	21.51	22.5	0.0
100	QPSK	1	137	21.42	21.55	21.47		
100	QPSK	1	271	21.46	21.52	21.46		
100	QPSK	135	0	21.41	21.45	21.41	22.5	0.0
100	QPSK	135	69	21.38	21.47	21.45	22.5	0.0
100	QPSK	135	138	21.43	21.42	21.46	22.5	0.0
100	QPSK	270	0	21.43	21.52	21.46		
100	16QAM	1	1	21.31	21.42	21.25	22.5	0.0
100	64QAM	1	1	19.93	20.04	19.91	21.0	1.5
100	256QAM	1	1	17.65	17.73	17.61	19.0	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.47	21.52	21.42	22.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.45	21.54	21.42	22.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.53	21.49	21.43	22.5	0.0
Channel				506200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.45	21.50	21.43	22.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.54	21.61	21.51	22.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.53	21.54	21.45	22.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.55	21.49	21.40	22.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.46	21.59	21.41	22.5	0.0

n7 Ant5 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	23.66	23.89	23.86	24.5	0.0
40	PI/2 BPSK	1	108	23.80	23.85	23.87		
40	PI/2 BPSK	1	214	23.70	23.82	23.83		
40	PI/2 BPSK	108	0	23.36	23.45	23.28	24.0	0.5
40	PI/2 BPSK	108	54	23.76	23.86	23.79	24.5	0.0
40	PI/2 BPSK	108	108	23.32	23.39	23.25	24.0	0.5
40	PI/2 BPSK	216	0	23.35	23.48	23.39		
40	QPSK	1	1	23.82	23.94	23.89	24.5	0.0
40	QPSK	1	108	23.78	23.93	23.80		
40	QPSK	1	214	23.91	23.87	23.87		
40	QPSK	108	0	22.62	22.85	22.68	23.5	1.0
40	QPSK	108	54	23.68	23.87	23.81	24.5	0.0
40	QPSK	108	108	22.81	22.96	22.83	23.5	1.0
40	QPSK	216	0	22.82	23.03	22.99		
40	16QAM	1	1	22.46	22.56	22.50	23.5	1.0
40	64QAM	1	1	21.28	21.25	21.19	22.0	2.5
40	256QAM	1	1	19.23	19.32	19.31	20.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.75	23.77	23.82	24.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.66	23.87	23.81	24.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.77	23.78	23.73	24.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.67	23.91	23.80	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.80	23.89	23.76	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.68	23.84	23.85	24.5	0.0

n66 Ant5 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	24.32	24.47	24.44	25.0	0.0
40	PI/2 BPSK	1	108	24.19	24.36	24.36		
40	PI/2 BPSK	1	214	24.10	24.40	24.35		
40	PI/2 BPSK	108	0	23.69	24.06	23.88	24.5	0.5
40	PI/2 BPSK	108	54	24.09	24.40	24.24	25.0	0.0
40	PI/2 BPSK	108	108	23.83	23.85	23.96	24.5	0.5
40	PI/2 BPSK	216	0	23.72	23.84	23.92		
40	QPSK	1	1	24.40	24.55	24.31	25.0	0.0
40	QPSK	1	108	24.31	24.53	24.47		
40	QPSK	1	214	24.25	24.22	24.39		
40	QPSK	108	0	23.24	23.17	23.42	24.0	1.0
40	QPSK	108	54	24.24	24.35	24.33	25.0	0.0
40	QPSK	108	108	23.30	23.30	23.34	24.0	1.0
40	QPSK	216	0	23.34	23.38	23.25		
40	16QAM	1	1	23.09	23.27	23.43	24.0	1.0
40	64QAM	1	1	22.08	22.23	22.12	22.5	2.5
40	256QAM	1	1	19.79	19.78	19.84	20.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.44	24.33	24.27	25.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.37	24.28	24.28	25.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.34	24.36	24.30	25.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.40	24.27	24.22	25.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.35	24.26	24.25	25.0	0.0

n38 Ant5 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.69	23.87	23.80	24.5	0.0
40	PI/2 BPSK	1	53	23.68	23.79	23.67		
40	PI/2 BPSK	1	104	23.75	23.90	23.76		
40	PI/2 BPSK	50	0	23.23	23.32	23.17	24.0	0.5
40	PI/2 BPSK	50	28	23.68	23.87	23.78	24.5	0.0
40	PI/2 BPSK	50	56	23.22	23.40	23.25	24.0	0.5
40	PI/2 BPSK	100	0	23.27	23.35	23.29		
40	QPSK	1	1	23.87	23.94	23.76	24.5	0.0
40	QPSK	1	53	23.80	23.85	23.84		
40	QPSK	1	104	23.81	23.83	23.85		
40	QPSK	50	0	22.74	22.85	22.88	23.5	1.0
40	QPSK	50	28	23.75	23.87	23.83	24.5	0.0
40	QPSK	50	56	22.75	22.81	22.66	23.5	1.0
40	QPSK	100	0	22.79	22.82	22.81		
40	16QAM	1	1	22.94	22.98	22.92	23.5	1.0
40	64QAM	1	1	21.06	21.18	21.01	22.0	2.5
40	256QAM	1	1	18.77	18.85	18.69	20.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.83	23.84	23.67	24.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.74	23.89	23.72	24.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.84	23.91	23.63	24.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.77	23.78	23.63	24.5	0.0

n41 Ant5 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.66	23.73	23.61	24.5	0.0
100	PI/2 BPSK	1	137	23.75	23.80	23.70		
100	PI/2 BPSK	1	271	23.70	23.85	23.76		
100	PI/2 BPSK	135	0	23.20	23.34	23.18	24.0	0.5
100	PI/2 BPSK	135	69	23.80	23.88	23.76	24.5	0.0
100	PI/2 BPSK	135	138	23.19	23.37	23.33	24.0	0.5
100	PI/2 BPSK	270	0	23.34	23.39	23.21		
100	QPSK	1	1	23.83	23.90	23.88	24.5	0.0
100	QPSK	1	137	23.73	23.86	23.71		
100	QPSK	1	271	23.65	23.70	23.64		
100	QPSK	135	0	22.82	22.84	22.73	23.5	1.0
100	QPSK	135	69	23.78	23.83	23.75	24.5	0.0
100	QPSK	135	138	22.70	22.85	22.73	23.5	1.0
100	QPSK	270	0	22.75	22.88	22.82		
100	16QAM	1	1	22.89	23.02	22.90	23.5	1.0
100	64QAM	1	1	20.81	20.98	20.93	22.0	2.5
100	256QAM	1	1	19.05	19.15	19.06	20.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.79	23.87	23.85	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.67	23.85	23.84	24.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.72	23.76	23.76	24.5	0.0
Channel				506200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.78	23.80	23.79	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.69	23.78	23.81	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.80	23.73	23.77	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.69	23.83	23.80	24.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.79	23.82	23.85	24.5	0.0

PC3 Part27O n77 Ant9 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.92	17.02	16.98	17.5	0.0
100	PI/2 BPSK	1	137	16.98	17.01	17.04		
100	PI/2 BPSK	1	271	16.64	16.57	16.78		
100	PI/2 BPSK	135	0	17.04	16.95	17.00	17.5	0.0
100	PI/2 BPSK	135	69	16.88	16.90	16.79	17.5	0.0
100	PI/2 BPSK	135	138	16.88	16.95	16.74	17.5	0.0
100	PI/2 BPSK	270	0	16.73	16.84	16.81		
100	QPSK	1	1	17.03	17.16	16.89	17.5	0.0
100	QPSK	1	137	17.01	16.94	16.94		
100	QPSK	1	271	16.82	16.79	16.77		
100	QPSK	135	0	16.91	16.95	16.93	17.5	0.0
100	QPSK	135	69	16.97	17.05	17.00	17.5	0.0
100	QPSK	135	138	16.73	16.95	16.88	17.5	0.0
100	QPSK	270	0	16.94	17.03	16.84		
100	16QAM	1	1	16.89	16.94	16.94	17.5	0.0
100	64QAM	1	1	16.76	16.79	16.88	17.5	0.0
100	256QAM	1	1	16.87	16.92	16.90	17.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.90	17.01	16.84	17.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.92	16.99	16.84	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.88	17.00	16.87	17.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.89	16.97	16.82	17.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.92	16.99	16.87	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.92	17.03	16.88	17.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.93	16.99	16.84	17.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.90	17.00	16.86	17.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.93	17.01	16.82	17.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.92	17.01	16.83	17.5	0.0

PC3 Part27Q n77 Ant9 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.12		17.5	0.0
100	PI/2 BPSK	1	137		17.02			
100	PI/2 BPSK	1	271		16.93			
100	PI/2 BPSK	135	0		16.79		17.5	0.0
100	PI/2 BPSK	135	69		16.96		17.5	0.0
100	PI/2 BPSK	135	138		16.98		17.5	0.0
100	PI/2 BPSK	270	0		17.01			
100	QPSK	1	1		17.23		17.5	0.0
100	QPSK	1	137		17.08			
100	QPSK	1	271		16.92			
100	QPSK	135	0		17.03		17.5	0.0
100	QPSK	135	69		17.20		17.5	0.0
100	QPSK	135	138		16.98		17.5	0.0
100	QPSK	270	0		17.01			
100	16QAM	1	1		17.03		17.5	0.0
100	64QAM	1	1		17.08		17.5	0.0
100	256QAM	1	1		16.90		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.98	17.12	17.03	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.96	17.12	17.00	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.96	17.09	16.97	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.95	17.06	17.02	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.98	17.09	17.02	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.94	17.10	16.99	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.98	17.09	16.99	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.93	17.11	16.99	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.99	17.11	17.00	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.95	17.08	16.99	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.16		20.0	0.0
100	PI/2 BPSK	1	137		18.16			
100	PI/2 BPSK	1	271		18.04			
100	PI/2 BPSK	135	0		18.07		20.0	0.0
100	PI/2 BPSK	135	69		18.05		20.0	0.0
100	PI/2 BPSK	135	138		18.04		20.0	0.0
100	PI/2 BPSK	270	0		18.15			
100	QPSK	1	1		18.23		20.0	0.0
100	QPSK	1	137		18.20			
100	QPSK	1	271		18.09			
100	QPSK	135	0		18.18		20.0	0.0
100	QPSK	135	69		18.20		20.0	0.0
100	QPSK	135	138		18.13		20.0	0.0
100	QPSK	270	0		18.17			
100	16QAM	1	1		18.12		20.0	0.0
100	64QAM	1	1		18.20		20.0	0.0
100	256QAM	1	1		18.01		20.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.19	18.20	18.19	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	18.21	18.07	18.09	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.12	18.14	18.20	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	18.17	18.11	18.10	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	18.18	18.18	18.08	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.18	18.20	18.09	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	18.07	18.16	18.05	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	18.19	18.08	18.17	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	18.14	18.10	18.15	20.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.09	18.06	18.18	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.13		23.0	0.0
100	PI/2 BPSK	1	137		21.20			
100	PI/2 BPSK	1	271		21.06			
100	PI/2 BPSK	135	0		21.02		23.0	0.0
100	PI/2 BPSK	135	69		21.22		23.0	0.0
100	PI/2 BPSK	135	138		21.04		23.0	0.0
100	PI/2 BPSK	270	0		21.05			
100	QPSK	1	1		21.29		23.0	0.0
100	QPSK	1	137		21.18			
100	QPSK	1	271		21.07			
100	QPSK	135	0		21.03		23.0	0.0
100	QPSK	135	69		21.27		23.0	0.0
100	QPSK	135	138		21.04		23.0	0.0
100	QPSK	270	0		21.19			
100	16QAM	1	1		21.07		23.0	0.0
100	64QAM	1	1		21.06		23.0	0.0
100	256QAM	1	1		21.07		23.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.17	21.09	21.15	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.08	21.11	21.09	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.11	21.10	21.16	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.15	21.08	21.08	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.11	21.16	21.14	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.07	21.14	21.07	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	21.11	21.09	21.13	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.10	21.17	21.11	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.17	21.14	21.07	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.10	21.17	21.11	23.0	0.0

PC3 Part27Q n78 Ant9 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.12		20.0	0.0
100	PI/2 BPSK	1	137		18.15			
100	PI/2 BPSK	1	271		18.09			
100	PI/2 BPSK	135	0		18.07		20.0	0.0
100	PI/2 BPSK	135	69		18.08		20.0	0.0
100	PI/2 BPSK	135	138		18.02		20.0	0.0
100	PI/2 BPSK	270	0		18.17			
100	QPSK	1	1		18.19		20.0	0.0
100	QPSK	1	137		18.09			
100	QPSK	1	271		18.03			
100	QPSK	135	0		18.15		20.0	0.0
100	QPSK	135	69		18.18		20.0	0.0
100	QPSK	135	138		18.11		20.0	0.0
100	QPSK	270	0		18.14			
100	16QAM	1	1		18.14		20.0	0.0
100	64QAM	1	1		18.12		20.0	0.0
100	256QAM	1	1		18.07		20.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.09	18.07	18.08	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.15	18.02	18.14	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.17	18.07	18.12	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.13	18.12	18.17	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.17	18.14	18.10	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.17	18.14	18.10	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.05	18.16	18.09	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.07	18.13	18.16	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.05	18.14	18.05	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.06	18.04	18.10	20.0	0.0

PC2 Part27Q n78 Ant9 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.05		23.0	0.0
100	PI/2 BPSK	1	137		21.04			
100	PI/2 BPSK	1	271		21.22			
100	PI/2 BPSK	135	0		21.05		23.0	0.0
100	PI/2 BPSK	135	69		21.07		23.0	0.0
100	PI/2 BPSK	135	138		21.02		23.0	0.0
100	PI/2 BPSK	270	0		21.01			
100	QPSK	1	1		21.26		23.0	0.0
100	QPSK	1	137		21.02			
100	QPSK	1	271		21.20			
100	QPSK	135	0		21.12		23.0	0.0
100	QPSK	135	69		21.21		23.0	0.0
100	QPSK	135	138		21.12		23.0	0.0
100	QPSK	270	0		21.18			
100	16QAM	1	1		21.05		23.0	0.0
100	64QAM	1	1		21.06		23.0	0.0
100	256QAM	1	1		21.16		23.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.07	21.06	21.02	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.10	21.09	21.02	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.09	21.04	21.10	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.13	21.04	21.07	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.07	21.06	21.03	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.09	21.03	21.09	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.11	21.06	21.02	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.08	21.12	21.10	23.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.10	21.08	21.10	23.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.09	21.12	21.08	23.0	0.0

PC3 Part27O n77 Ant10 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.11	16.17	16.16	17.2	0.0
100	PI/2 BPSK	1	137	16.05	16.18	16.13		
100	PI/2 BPSK	1	271	16.20	16.20	16.19		
100	PI/2 BPSK	135	0	16.07	16.19	16.12	17.2	0.0
100	PI/2 BPSK	135	69	16.06	16.18	16.10	17.2	0.0
100	PI/2 BPSK	135	138	16.21	16.15	16.19	17.2	0.0
100	PI/2 BPSK	270	0	16.09	16.14	16.12		
100	QPSK	1	1	16.09	16.32	16.17	17.2	0.0
100	QPSK	1	137	16.03	16.18	16.18		
100	QPSK	1	271	16.19	16.21	16.18		
100	QPSK	135	0	16.15	16.18	16.12	17.2	0.0
100	QPSK	135	69	16.08	16.28	16.17	17.2	0.0
100	QPSK	135	138	16.18	16.23	16.18	17.2	0.0
100	QPSK	270	0	16.12	16.25	16.15		
100	16QAM	1	1	16.10	16.20	16.12	17.2	0.0
100	64QAM	1	1	16.07	16.18	16.10	17.2	0.0
100	256QAM	1	1	16.19	16.20	16.19	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	15.90	16.09	16.05	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	15.90	16.11	16.09	17.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.89	16.10	16.03	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	15.98	16.04	16.08	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	15.90	16.09	16.04	17.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.92	16.08	16.07	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	15.90	16.11	16.08	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	15.95	16.11	16.04	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	15.97	16.11	16.09	17.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.95	16.12	16.11	17.2	0.0

PC3 Part27Q n77 Ant10 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.57		17.2	0.0
100	PI/2 BPSK	1	137		16.48			
100	PI/2 BPSK	1	271		16.37			
100	PI/2 BPSK	135	0		16.52		17.2	0.0
100	PI/2 BPSK	135	69		16.51		17.2	0.0
100	PI/2 BPSK	135	138		16.41		17.2	0.0
100	PI/2 BPSK	270	0		16.50			
100	QPSK	1	1		16.72		17.2	0.0
100	QPSK	1	137		16.55			
100	QPSK	1	271		16.51			
100	QPSK	135	0		16.52		17.2	0.0
100	QPSK	135	69		16.66		17.2	0.0
100	QPSK	135	138		16.51		17.2	0.0
100	QPSK	270	0		16.55			
100	16QAM	1	1		16.36		17.2	0.0
100	64QAM	1	1		16.49		17.2	0.0
100	256QAM	1	1		16.38		17.2	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.51	16.51	16.50	17.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.52	16.46	16.56	17.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.53	16.47	16.55	17.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.47	16.55	16.46	17.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.47	16.50	16.49	17.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.53	16.47	16.55	17.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.51	16.52	16.53	17.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.49	16.55	16.48	17.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.54	16.47	16.53	17.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.54	16.48	16.48	17.2	0.0

PC3 Part27O n78 Ant10 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.78		17.5	0.0
100	PI/2 BPSK	1	137		15.68			
100	PI/2 BPSK	1	271		15.60			
100	PI/2 BPSK	135	0		15.59		17.5	0.0
100	PI/2 BPSK	135	69		15.54		17.5	0.0
100	PI/2 BPSK	135	138		15.53		17.5	0.0
100	PI/2 BPSK	270	0		15.65			
100	QPSK	1	1		15.82		17.5	0.0
100	QPSK	1	137		15.79			
100	QPSK	1	271		15.52			
100	QPSK	135	0		15.60		17.5	0.0
100	QPSK	135	69		15.77		17.5	0.0
100	QPSK	135	138		15.67		17.5	0.0
100	QPSK	270	0		15.72			
100	16QAM	1	1		15.54		17.5	0.0
100	64QAM	1	1		15.59		17.5	0.0
100	256QAM	1	1		15.63		17.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.73	15.71	15.76	17.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.76	15.65	15.74	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.72	15.67	15.70	17.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.68	15.77	15.75	17.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.66	15.76	15.73	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.67	15.77	15.72	17.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.79	15.78	15.74	17.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.71	15.75	15.71	17.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.74	15.70	15.74	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.66	15.73	15.75	17.5	0.0

PC2 Part27O n78 Ant10 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.65		20.5	0.0
100	PI/2 BPSK	1	137		18.62			
100	PI/2 BPSK	1	271		18.52			
100	PI/2 BPSK	135	0		18.59		20.5	0.0
100	PI/2 BPSK	135	69		18.61		20.5	0.0
100	PI/2 BPSK	135	138		18.62		20.5	0.0
100	PI/2 BPSK	270	0		18.62			
100	QPSK	1	1		18.73		20.5	0.0
100	QPSK	1	137		18.59			
100	QPSK	1	271		18.61			
100	QPSK	135	0		18.62		20.5	0.0
100	QPSK	135	69		18.67		20.5	0.0
100	QPSK	135	138		18.60		20.5	0.0
100	QPSK	270	0		18.61			
100	16QAM	1	1		18.59		20.5	0.0
100	64QAM	1	1		18.62		20.5	0.0
100	256QAM	1	1		18.63		20.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.55	18.55	18.65	20.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.58	18.55	18.54	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.64	18.54	18.63	20.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.60	18.63	18.68	20.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.55	18.60	18.56	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.68	18.67	18.53	20.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.59	18.54	18.68	20.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.54	18.56	18.68	20.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.60	18.67	18.61	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.57	18.68	18.67	20.5	0.0

PC3 Part27Q n78 Ant10 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.27		17.5	0.0
100	PI/2 BPSK	1	137		16.21			
100	PI/2 BPSK	1	271		16.17			
100	PI/2 BPSK	135	0		16.08		17.5	0.0
100	PI/2 BPSK	135	69		15.98		17.5	0.0
100	PI/2 BPSK	135	138		15.97		17.5	0.0
100	PI/2 BPSK	270	0		16.17			
100	QPSK	1	1		16.38		17.5	0.0
100	QPSK	1	137		16.26			
100	QPSK	1	271		15.98			
100	QPSK	135	0		16.05		17.5	0.0
100	QPSK	135	69		16.31		17.5	0.0
100	QPSK	135	138		16.17		17.5	0.0
100	QPSK	270	0		16.28			
100	16QAM	1	1		16.06		17.5	0.0
100	64QAM	1	1		16.05		17.5	0.0
100	256QAM	1	1		16.18		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.73	15.71	15.76	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.76	15.65	15.74	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.72	15.67	15.70	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.68	15.77	15.75	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.66	15.76	15.73	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.67	15.77	15.72	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.79	15.78	15.74	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.71	15.75	15.71	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.74	15.70	15.74	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.66	15.73	15.75	17.5	0.0

PC2 Part27Q n78 Ant10 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.97		20.5	0.0
100	PI/2 BPSK	1	137		19.21			
100	PI/2 BPSK	1	271		19.18			
100	PI/2 BPSK	135	0		19.08		20.5	0.0
100	PI/2 BPSK	135	69		19.04		20.5	0.0
100	PI/2 BPSK	135	138		19.14		20.5	0.0
100	PI/2 BPSK	270	0		19.04			
100	QPSK	1	1		19.23		20.5	0.0
100	QPSK	1	137		19.18			
100	QPSK	1	271		19.15			
100	QPSK	135	0		19.01		20.5	0.0
100	QPSK	135	69		19.20		20.5	0.0
100	QPSK	135	138		19.15		20.5	0.0
100	QPSK	270	0		19.16			
100	16QAM	1	1		19.11		20.5	0.0
100	64QAM	1	1		19.08		20.5	0.0
100	256QAM	1	1		19.02		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.11	19.11	18.99	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.11	19.08	19.07	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.02	19.08	19.00	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.10	19.05	18.99	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.10	18.99	19.04	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.98	19.10	19.00	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.99	19.08	18.99	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.01	19.10	19.06	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.99	18.99	19.09	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.98	19.05	19.01	20.5	0.0

PC3 Part27O n77 Ant11 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.53	24.79	24.69	25.7	0.0
100	PI/2 BPSK	1	137	24.62	24.71	24.78		
100	PI/2 BPSK	1	271	24.39	24.55	24.58		
100	PI/2 BPSK	135	0	24.02	24.16	24.25	25.2	0.5
100	PI/2 BPSK	135	69	24.50	24.59	24.80	25.7	0.0
100	PI/2 BPSK	135	138	23.84	24.11	24.11	25.2	0.5
100	PI/2 BPSK	270	0	23.95	24.16	24.27		
100	QPSK	1	1	24.72	24.87	24.77	25.7	0.0
100	QPSK	1	137	24.68	24.75	24.69		
100	QPSK	1	271	24.61	24.73	24.80		
100	QPSK	135	0	23.63	23.67	23.73	24.7	1.0
100	QPSK	135	69	24.71	24.76	24.71	25.7	0.0
100	QPSK	135	138	23.52	23.58	23.59	24.7	1.0
100	QPSK	270	0	23.49	23.62	23.45		
100	16QAM	1	1	23.42	23.48	23.50	24.7	1.0
100	64QAM	1	1	22.07	22.10	22.21	23.2	2.5
100	256QAM	1	1	19.84	20.02	20.07	21.2	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.66	24.81	24.70	25.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.61	24.84	24.71	25.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.61	24.70	24.62	25.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.61	24.83	24.71	25.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.57	24.81	24.65	25.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.68	24.77	24.66	25.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.60	24.78	24.72	25.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.62	24.70	24.74	25.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.58	24.82	24.74	25.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.65	24.83	24.60	25.7	0.0

PC3 Part27Q n77 Ant11 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.87		25.7	0.0
100	PI/2 BPSK	1	137		24.80			
100	PI/2 BPSK	1	271		24.81			
100	PI/2 BPSK	135	0		24.33		25.2	0.5
100	PI/2 BPSK	135	69		24.90		25.7	0.0
100	PI/2 BPSK	135	138		24.33		25.2	0.5
100	PI/2 BPSK	270	0		24.35			
100	QPSK	1	1		24.93		25.7	0.0
100	QPSK	1	137		24.91			
100	QPSK	1	271		24.92			
100	QPSK	135	0		23.77		24.7	1.0
100	QPSK	135	69		24.88		25.7	0.0
100	QPSK	135	138		23.87		24.7	1.0
100	QPSK	270	0		23.81			
100	16QAM	1	1		23.75		24.7	1.0
100	64QAM	1	1		22.01		23.2	2.5
100	256QAM	1	1		19.97		21.2	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.78	24.89	24.89	25.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.88	24.80	24.80	25.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.78	24.83	24.78	25.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.82	24.75	24.82	25.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.83	24.86	24.90	25.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.77	24.85	24.84	25.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.79	24.79	24.77	25.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.88	24.81	24.79	25.7	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.78	24.90	24.76	25.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.90	24.90	24.85	25.7	0.0

PC3 Part27O n78 Ant11 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.74		24.0	0.0
100	PI/2 BPSK	1	137		22.62			
100	PI/2 BPSK	1	271		22.53			
100	PI/2 BPSK	135	0		22.46		24.0	0.0
100	PI/2 BPSK	135	69		22.53		24.0	0.0
100	PI/2 BPSK	135	138		22.47		24.0	0.0
100	PI/2 BPSK	270	0		22.40			
100	QPSK	1	1		22.75		24.0	0.0
100	QPSK	1	137		22.71			
100	QPSK	1	271		22.68			
100	QPSK	135	0		22.42		24.0	0.0
100	QPSK	135	69		22.56		24.0	0.0
100	QPSK	135	138		22.53		24.0	0.0
100	QPSK	270	0		22.57			
100	16QAM	1	1		22.39		24.0	0.0
100	64QAM	1	1		21.28		22.5	1.5
100	256QAM	1	1		19.24		20.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.65	22.72	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	22.62	22.59	22.62	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.69	22.62	22.71	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	22.66	22.65	22.67	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	22.60	22.59	22.66	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.69	22.66	22.71	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	22.67	22.59	22.73	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	22.58	22.61	22.61	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	22.64	22.73	22.70	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.61	22.59	22.63	24.0	0.0

PC2 Part27O n78 Ant11 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.54		27.0	0.0
100	PI/2 BPSK	1	137		25.60			
100	PI/2 BPSK	1	271		25.51			
100	PI/2 BPSK	135	0		25.17		26.5	0.5
100	PI/2 BPSK	135	69		25.66		27.0	0.0
100	PI/2 BPSK	135	138		25.12		26.5	0.5
100	PI/2 BPSK	270	0		25.16			
100	QPSK	1	1		25.67		27.0	0.0
100	QPSK	1	137		25.63			
100	QPSK	1	271		25.61			
100	QPSK	135	0		24.57		26.0	1.0
100	QPSK	135	69		25.59		27.0	0.0
100	QPSK	135	138		24.58		26.0	1.0
100	QPSK	270	0		24.63			
100	16QAM	1	1		24.37		26.0	1.0
100	64QAM	1	1		22.87		24.5	2.5
100	256QAM	1	1		20.58		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	25.52	25.57	25.53	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.56	25.62	25.65	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.61	25.53	25.58	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	25.53	25.51	25.50	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	25.52	25.54	25.58	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.59	25.60	25.54	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.52	25.63	25.51	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	25.58	25.51	25.51	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	25.58	25.57	25.50	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.57	25.56	25.59	27.0	0.0

PC3 Part27Q 78 Ant11 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.97		24.0	0.0
100	PI/2 BPSK	1	137		22.93			
100	PI/2 BPSK	1	271		22.87			
100	PI/2 BPSK	135	0		22.72		24.0	0.0
100	PI/2 BPSK	135	69		22.77		24.0	0.0
100	PI/2 BPSK	135	138		22.85		24.0	0.0
100	PI/2 BPSK	270	0		22.74			
100	QPSK	1	1		23.08		24.0	0.0
100	QPSK	1	137		22.96			
100	QPSK	1	271		23.03			
100	QPSK	135	0		22.80		24.0	0.0
100	QPSK	135	69		22.96		24.0	0.0
100	QPSK	135	138		22.93		24.0	0.0
100	QPSK	270	0		22.87			
100	16QAM	1	1		22.79		24.0	0.0
100	64QAM	1	1		21.39		22.5	1.5
100	256QAM	1	1		19.71		20.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.01	22.96	22.93	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.97	23.05	22.99	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.02	22.94	22.95	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.91	23.06	22.99	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.06	23.02	22.99	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.96	22.96	23.03	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.94	22.96	22.97	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.04	22.92	22.91	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.06	23.05	22.91	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.91	22.90	22.93	24.0	0.0

PC2 Part27Q 78 Ant11 Default DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.20		27.0	0.0
100	PI/2 BPSK	1	137		26.09			
100	PI/2 BPSK	1	271		26.00			
100	PI/2 BPSK	135	0		25.60		26.5	0.5
100	PI/2 BPSK	135	69		26.14		27.0	0.0
100	PI/2 BPSK	135	138		25.68		26.5	0.5
100	PI/2 BPSK	270	0		25.67			
100	QPSK	1	1		26.22		27.0	0.0
100	QPSK	1	137		26.05			
100	QPSK	1	271		26.02			
100	QPSK	135	0		25.25		26.0	1.0
100	QPSK	135	69		26.12		27.0	0.0
100	QPSK	135	138		25.28		26.0	1.0
100	QPSK	270	0		25.26			
100	16QAM	1	1		25.10		26.0	1.0
100	64QAM	1	1		23.11		24.5	2.5
100	256QAM	1	1		21.12		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.12	26.19	26.16	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.09	26.09	26.08	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.06	26.18	26.12	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.05	26.12	26.15	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.08	26.04	26.10	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.07	26.08	26.20	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.05	26.14	26.14	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.07	26.19	26.08	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.10	26.05	26.18	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.15	26.10	26.06	27.0	0.0

Reduced Power Mode for DSI5

n5 Ant0 Default DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.79	24.87	24.85	25.5	0.0
20	PI/2 BPSK	1	53	24.84	24.89	24.82		
20	PI/2 BPSK	1	104	24.77	24.79	24.65		
20	PI/2 BPSK	50	0	24.19	24.46	24.25	25.0	0.5
20	PI/2 BPSK	50	28	24.67	24.83	24.71	25.5	0.0
20	PI/2 BPSK	50	56	24.02	24.27	24.12	25.0	0.5
20	PI/2 BPSK	100	0	24.37	24.38	24.28		
20	QPSK	1	1	24.94	24.96	24.85	25.5	0.0
20	QPSK	1	53	24.79	24.86	24.70		
20	QPSK	1	104	24.61	24.79	24.65		
20	QPSK	50	0	23.71	23.73	23.76	24.5	1.0
20	QPSK	50	28	24.82	24.90	24.74	25.5	0.0
20	QPSK	50	56	23.75	23.81	23.73	24.5	1.0
20	QPSK	100	0	23.73	23.95	23.66		
20	16QAM	1	1	23.69	23.88	23.75	24.5	1.0
20	64QAM	1	1	22.32	22.41	22.16	23.0	2.5
20	256QAM	1	1	20.68	20.71	20.55	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.91	24.83	24.80	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.78	24.81	24.77	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.92	24.87	24.81	25.5	0.0

n7 Ant0 Default DSI5

BW [MHz]	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	23.35	23.43	23.25	24.0	0.0
40	PI/2 BPSK	1	108	23.44	23.40	23.31		
40	PI/2 BPSK	1	214	23.23	23.30	23.10		
40	PI/2 BPSK	108	0	22.61	22.85	22.90	23.5	0.5
40	PI/2 BPSK	108	54	23.00	23.30	23.03	24.0	0.0
40	PI/2 BPSK	108	108	22.79	22.77	22.69	23.5	0.5
40	PI/2 BPSK	216	0	22.68	22.76	22.64		
40	QPSK	1	1	23.22	23.47	23.35	24.0	0.0
40	QPSK	1	108	23.07	23.25	23.24		
40	QPSK	1	214	23.24	23.11	23.22		
40	QPSK	108	0	22.16	22.31	22.11	23.0	1.0
40	QPSK	108	54	23.02	23.20	22.99	24.0	0.0
40	QPSK	108	108	22.04	22.25	22.18	23.0	1.0
40	QPSK	216	0	22.22	22.26	22.16		
40	16QAM	1	1	22.16	22.11	21.94	23.0	1.0
40	64QAM	1	1	20.44	20.68	20.58	21.5	2.5
40	256QAM	1	1	18.38	18.38	18.42	19.5	4.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.11	23.33	23.22	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	23.18	23.29	23.31	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.10	23.37	23.24	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	23.20	23.39	23.27	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.10	23.30	23.30	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	23.14	23.44	23.30	24.0	0.0

n66 Ant0 Default DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.81	22.94	22.85	23.5	0.0
40	PI/2 BPSK	1	108	22.83	22.91	22.88		
40	PI/2 BPSK	1	214	22.71	22.92	22.64		
40	PI/2 BPSK	108	0	22.28	22.41	22.19	23.0	0.5
40	PI/2 BPSK	108	54	22.86	23.00	22.85	23.5	0.0
40	PI/2 BPSK	108	108	22.33	22.38	22.30	23.0	0.5
40	PI/2 BPSK	216	0	22.34	22.42	22.24		
40	QPSK	1	1	22.78	23.03	22.97	23.5	0.0
40	QPSK	1	108	22.77	22.89	22.74		
40	QPSK	1	214	22.57	22.73	22.60		
40	QPSK	108	0	21.65	21.84	21.85	22.5	1.0
40	QPSK	108	54	22.94	23.02	22.82	23.5	0.0
40	QPSK	108	108	21.69	21.84	21.77	22.5	1.0
40	QPSK	216	0	21.92	22.06	21.98		
40	16QAM	1	1	21.88	21.94	21.89	22.5	1.0
40	64QAM	1	1	20.36	20.30	20.29	21.0	2.5
40	256QAM	1	1	18.66	18.74	18.74	19.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.67	22.86	22.86	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.74	22.94	22.84	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.67	22.89	22.89	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.72	22.85	22.89	#REF!	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.61	22.97	22.87	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.13	23.21	23.19	24.0	0.0
40	PI/2 BPSK	1	53	23.11	23.14	23.10		
40	PI/2 BPSK	1	104	22.91	23.13	22.94		
40	PI/2 BPSK	50	0	22.62	22.66	22.55	23.5	0.5
40	PI/2 BPSK	50	28	23.02	23.22	22.96	24.0	0.0
40	PI/2 BPSK	50	56	22.53	22.59	22.57	23.5	0.5
40	PI/2 BPSK	100	0	22.55	22.79	22.53		
40	QPSK	1	1	23.15	23.24	23.22	24.0	0.0
40	QPSK	1	53	22.93	23.00	22.96		
40	QPSK	1	104	22.92	23.12	22.94		
40	QPSK	50	0	22.08	22.13	22.02	23.0	1.0
40	QPSK	50	28	23.04	23.17	23.03	24.0	0.0
40	QPSK	50	56	22.07	22.12	22.18	23.0	1.0
40	QPSK	100	0	22.17	22.25	22.15		
40	16QAM	1	1	22.00	22.35	22.22	23.0	1.0
40	64QAM	1	1	20.37	20.59	20.39	21.5	2.5
40	256QAM	1	1	18.37	18.32	18.33	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	23.08	23.20	23.12	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.99	23.14	23.16	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	23.11	23.07	23.19	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.98	23.18	23.11	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.79	22.93	22.87	24.0	0.0
100	PI/2 BPSK	1	137	22.82	22.85	22.85		
100	PI/2 BPSK	1	271	22.74	22.91	22.80		
100	PI/2 BPSK	135	0	22.35	22.45	22.31	23.5	0.5
100	PI/2 BPSK	135	69	22.79	22.93	22.96	24.0	0.0
100	PI/2 BPSK	135	138	22.34	22.48	22.39	23.5	0.5
100	PI/2 BPSK	270	0	22.31	22.46	22.30		
100	QPSK	1	1	22.88	22.98	22.95	24.0	0.0
100	QPSK	1	137	22.85	22.91	22.89		
100	QPSK	1	271	22.78	22.80	22.76		
100	QPSK	135	0	21.70	21.68	21.52	23.0	1.0
100	QPSK	135	69	22.91	22.93	22.87	24.0	0.0
100	QPSK	135	138	21.84	21.77	21.79	23.0	1.0
100	QPSK	270	0	21.67	21.80	21.61		
100	16QAM	1	1	21.86	22.05	21.93	23.0	1.0
100	64QAM	1	1	20.44	20.37	20.35	21.5	2.5
100	256QAM	1	1	18.32	18.39	18.13	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.70	22.95	22.77	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.71	22.92	22.87	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.71	22.90	22.84	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.76	22.83	22.91	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.81	22.84	22.82	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.72	22.90	22.87	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.71	22.93	22.86	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.77	22.88	22.93	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.13	21.17	21.06	22.5	0.0
100	PI/2 BPSK	1	137	21.08	21.23	21.11		
100	PI/2 BPSK	1	271	20.97	21.14	20.96		
100	PI/2 BPSK	135	0	21.00	21.16	21.09	22.5	0.0
100	PI/2 BPSK	135	69	21.03	21.10	20.98	22.5	0.0
100	PI/2 BPSK	135	138	21.09	21.12	21.03	22.5	0.0
100	PI/2 BPSK	270	0	21.11	21.21	21.09		
100	QPSK	1	1	21.23	21.27	21.18	22.5	0.0
100	QPSK	1	137	21.20	21.25	21.19		
100	QPSK	1	271	21.05	21.20	21.05		
100	QPSK	135	0	21.10	21.18	21.03	21.5	1.0
100	QPSK	135	69	21.19	21.22	21.13	22.5	0.0
100	QPSK	135	138	21.07	21.09	20.93	21.5	1.0
100	QPSK	270	0	21.12	21.18	21.09		
100	16QAM	1	1	20.98	21.06	20.90	22.5	0.0
100	64QAM	1	1	20.32	20.30	20.09	21.5	1.0
100	256QAM	1	1	18.13	18.20	18.14	19.5	3.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.08	21.22	21.16	22.5	0.0
Channel				648334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.12	21.25	21.04	22.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.08	21.14	21.02	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	21.11	21.22	21.11	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	21.11	21.22	21.11	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.16	21.14	21.15	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	21.07	21.23	21.02	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	21.09	21.13	21.10	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	21.08	21.11	21.10	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.09	21.23	21.08	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.18		22.5	0.0
100	PI/2 BPSK	1	137		21.26			
100	PI/2 BPSK	1	271		21.08			
100	PI/2 BPSK	135	0		21.16		22.5	0.0
100	PI/2 BPSK	135	69		21.25		22.5	0.0
100	PI/2 BPSK	135	138		21.16		22.5	0.0
100	PI/2 BPSK	270	0		21.18			
100	QPSK	1	1		21.33		22.5	0.0
100	QPSK	1	137		21.27			
100	QPSK	1	271		21.14			
100	QPSK	135	0		21.21		21.5	1.0
100	QPSK	135	69		21.24		22.5	0.0
100	QPSK	135	138		21.09		21.5	1.0
100	QPSK	270	0		21.16			
100	16QAM	1	1		21.24		22.5	0.0
100	64QAM	1	1		20.58		21.5	1.0
100	256QAM	1	1		18.49		19.5	3.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.25	21.15	21.28	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.24	21.16	21.25	22.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.18	21.19	21.23	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.21	21.29	21.24	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.25	21.30	21.25	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.25	21.30	21.25	22.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.28	21.22	21.19	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.28	21.21	21.29	22.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.15	21.16	21.25	22.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.25	21.24	21.23	22.5	0.0

PC3 Part27O n78 Ant0 Default DSI5

BW [MHz]	Modulation	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		20.74		22.0	0.0
100	PI/2 BPSK	1	137		20.70			
100	PI/2 BPSK	1	271		20.63			
100	PI/2 BPSK	135	0		20.62		22.0	0.0
100	PI/2 BPSK	135	69		20.62		22.0	0.0
100	PI/2 BPSK	135	138		20.73		22.0	0.0
100	PI/2 BPSK	270	0		20.64			
100	QPSK	1	1		20.79		22.0	0.0
100	QPSK	1	137		20.63			
100	QPSK	1	271		20.66			
100	QPSK	135	0		20.69		22.0	0.0
100	QPSK	135	69		20.71		22.0	0.0
100	QPSK	135	138		20.60		22.0	0.0
100	QPSK	270	0		20.68			
100	16QAM	1	1		20.70		22.0	0.0
100	64QAM	1	1		19.63		20.5	1.5
100	256QAM	1	1		17.63		18.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.72	20.75	20.64	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.69	20.72	20.73	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.73	20.70	20.71	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.68	20.66	20.65	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.74	20.65	20.68	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.61	20.62	20.62	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.65	20.70	20.69	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.66	20.73	20.76	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.62	20.63	20.64	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.67	20.64	20.69	22.0	0.0

PC2 Part27O n78 Ant0 Default DSI5

BW [MHz]	Modulation	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		23.64		25.0	0.0
100	PI/2 BPSK	1	137		23.53			
100	PI/2 BPSK	1	271		23.52			
100	PI/2 BPSK	135	0		23.08		24.5	0.5
100	PI/2 BPSK	135	69		23.50		25.0	0.0
100	PI/2 BPSK	135	138		22.94		24.5	0.5
100	PI/2 BPSK	270	0		23.06			
100	QPSK	1	1		23.69		25.0	0.0
100	QPSK	1	137		23.55			
100	QPSK	1	271		23.43			
100	QPSK	135	0		23.40		24.0	1.0
100	QPSK	135	69		23.61		25.0	0.0
100	QPSK	135	138		22.53		24.0	1.0
100	QPSK	270	0		22.48			
100	16QAM	1	1		22.41		24.0	1.0
100	64QAM	1	1		20.83		22.5	2.5
100	256QAM	1	1		18.88		20.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.51	23.55	23.53	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.66	23.64	23.59	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.57	23.52	23.55	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.52	23.62	23.55	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.58	23.63	23.60	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.64	23.60	23.56	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.67	23.66	23.61	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.64	23.61	23.65	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.58	23.64	23.52	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.53	23.58	23.63	25.0	0.0

PC3 Part27Q n78 Ant0 Default DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.98		22.0	0.0
100	PI/2 BPSK	1	137		20.88			
100	PI/2 BPSK	1	271		20.93			
100	PI/2 BPSK	135	0		20.92		22.0	0.0
100	PI/2 BPSK	135	69		20.99		22.0	0.0
100	PI/2 BPSK	135	138		20.80		22.0	0.0
100	PI/2 BPSK	270	0		20.82			
100	QPSK	1	1		21.02		22.0	0.0
100	QPSK	1	137		20.92			
100	QPSK	1	271		20.87			
100	QPSK	135	0		20.96		22.0	0.0
100	QPSK	135	69		21.01		22.0	0.0
100	QPSK	135	138		20.92		22.0	0.0
100	QPSK	270	0		20.94			
100	16QAM	1	1		20.87		22.0	0.0
100	64QAM	1	1		19.61		20.5	1.5
100	256QAM	1	1		17.82		18.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.99	20.95	21.00	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.99	20.88	20.98	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.95	21.00	20.97	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.87	20.95	20.99	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.86	20.91	20.86	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.90	20.99	20.93	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.92	20.92	20.95	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.98	20.89	20.93	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.99	20.98	20.92	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.89	20.85	21.00	22.0	0.0

PC2 Part27Q n78 Ant0 Default DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.04		25.0	0.0
100	PI/2 BPSK	1	137		23.90			
100	PI/2 BPSK	1	271		23.89			
100	PI/2 BPSK	135	0		23.48		24.5	0.5
100	PI/2 BPSK	135	69		23.90		25.0	0.0
100	PI/2 BPSK	135	138		23.59		24.5	0.5
100	PI/2 BPSK	270	0		23.54			
100	QPSK	1	1		24.08		25.0	0.0
100	QPSK	1	137		24.02			
100	QPSK	1	271		23.99			
100	QPSK	135	0		22.92		24.0	1.0
100	QPSK	135	69		23.94		25.0	0.0
100	QPSK	135	138		23.07		24.0	1.0
100	QPSK	270	0		23.10			
100	16QAM	1	1		22.82		24.0	1.0
100	64QAM	1	1		21.37		22.5	2.5
100	256QAM	1	1		19.37		20.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.05	24.06	23.96	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.01	23.97	24.02	25.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.00	24.05	24.05	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.02	24.02	24.03	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.96	23.91	24.05	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.92	24.02	24.03	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.00	23.95	23.90	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.06	23.93	23.98	25.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.02	23.99	23.91	25.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.91	24.06	23.91	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.05	23.07	23.19	24.0	0.0
20	PI/2 BPSK	1	53	23.16	23.14	22.94		
20	PI/2 BPSK	1	104	22.60	22.89	22.95		
20	PI/2 BPSK	50	0	23.18	23.25	23.01	24.0	0.0
20	PI/2 BPSK	50	28	23.02	23.14	22.94	24.0	0.0
20	PI/2 BPSK	50	56	23.32	23.11	22.97	24.0	0.0
20	PI/2 BPSK	100	0	23.24	23.38	23.18		
20	QPSK	1	1	22.98	23.45	23.08	24.0	0.0
20	QPSK	1	53	22.87	22.86	22.80		
20	QPSK	1	104	23.09	23.15	23.19		
20	QPSK	50	0	23.12	23.10	22.86	24.0	0.0
20	QPSK	50	28	23.06	23.24	22.91	24.0	0.0
20	QPSK	50	56	23.06	23.17	23.17	24.0	0.0
20	QPSK	100	0	23.13	23.23	23.04		
20	16QAM	1	1	23.27	23.37	23.17	24.0	0.0
20	64QAM	1	1	21.84	21.93	21.76	22.5	1.5
20	256QAM	1	1	20.14	20.03	20.01	20.5	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.06	23.13	22.93	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.19	22.95	22.93	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	23.03	22.99	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.07	22.27	22.20	23.0	0.0
40	PI/2 BPSK	1	108	22.04	22.17	22.15		
40	PI/2 BPSK	1	214	21.89	21.21	21.96		
40	PI/2 BPSK	108	0	22.14	22.26	22.26	23.0	0.0
40	PI/2 BPSK	108	54	21.97	22.13	21.94	23.0	0.0
40	PI/2 BPSK	108	108	22.06	22.19	21.98	23.0	0.0
40	PI/2 BPSK	216	0	21.93	22.14	22.23		
40	QPSK	1	1	22.18	22.33	22.31	23.0	0.0
40	QPSK	1	108	21.11	21.22	21.98		
40	QPSK	1	214	22.00	22.23	22.01		
40	QPSK	108	0	22.18	22.20	21.98	23.0	0.0
40	QPSK	108	54	22.11	22.31	22.21	23.0	0.0
40	QPSK	108	108	22.10	22.12	22.10	23.0	0.0
40	QPSK	216	0	22.03	22.15	22.14		
40	16QAM	1	1	22.20	22.25	22.05	23.0	0.0
40	64QAM	1	1	21.18	21.38	21.30	22.5	0.5
40	256QAM	1	1	19.55	19.46	19.35	20.5	2.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.14	22.04	22.12	23.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.16	22.17	22.02	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	22.12	22.21	21.99	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.07	22.01	22.13	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.04	22.01	22.14	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.05	22.23	22.05	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.52	23.56	23.40	24.0	0.0
40	PI/2 BPSK	1	108	23.44	23.49	23.45		
40	PI/2 BPSK	1	214	23.40	23.46	23.40		
40	PI/2 BPSK	108	0	23.41	23.39	23.31	24.0	0.0
40	PI/2 BPSK	108	54	23.27	23.39	23.36	24.0	0.0
40	PI/2 BPSK	108	108	23.43	23.25	23.29	24.0	0.0
40	PI/2 BPSK	216	0	23.41	23.46	23.38		
40	QPSK	1	1	23.54	23.59	23.56	24.0	0.0
40	QPSK	1	108	23.52	23.53	23.37		
40	QPSK	1	214	23.29	23.50	23.48		
40	QPSK	108	0	23.41	23.49	23.26	24.0	0.0
40	QPSK	108	54	23.42	23.52	23.38	24.0	0.0
40	QPSK	108	108	23.32	23.41	23.39	24.0	0.0
40	QPSK	216	0	23.41	23.43	23.35		
40	16QAM	1	1	23.46	23.45	23.23	24.0	0.0
40	64QAM	1	1	21.66	21.78	21.69	22.5	1.5
40	256QAM	1	1	19.83	19.92	19.79	20.5	3.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.21	23.23	23.25	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.36	23.30	23.25	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.34	23.42	23.30	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.32	24.27	24.37	#REF!	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.21	23.41	23.25	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	21.43	21.79	21.61	22.5	0.0
40	PI/2 BPSK	1	53	21.29	21.48	21.47		
40	PI/2 BPSK	1	104	21.52	21.46	21.44		
40	PI/2 BPSK	50	0	21.60	21.50	21.70	22.5	0.0
40	PI/2 BPSK	50	28	21.59	21.70	21.56	22.5	0.0
40	PI/2 BPSK	50	56	21.47	21.64	21.60	22.5	0.0
40	PI/2 BPSK	100	0	21.33	21.38	21.67		
40	QPSK	1	1	21.73	21.86	21.56	22.5	0.0
40	QPSK	1	53	21.60	21.62	21.81		
40	QPSK	1	104	21.47	21.71	21.39		
40	QPSK	50	0	21.57	21.39	21.39	22.5	0.0
40	QPSK	50	28	21.39	21.86	21.52	22.5	0.0
40	QPSK	50	56	21.21	21.43	21.55	22.5	0.0
40	QPSK	100	0	21.34	21.38	21.23		
40	16QAM	1	1	21.39	21.37	21.32	22.5	0.0
40	64QAM	1	1	20.95	21.40	21.20	22.5	0.0
40	256QAM	1	1	19.38	19.82	19.83	20.5	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.42	21.45	21.27	22.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.34	21.33	21.16	22.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.15	21.55	21.30	22.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.47	21.38	21.23	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.67	21.95	21.89	22.5	0.0
100	PI/2 BPSK	1	137	21.39	21.54	21.82		
100	PI/2 BPSK	1	271	21.83	21.61	21.74		
100	PI/2 BPSK	135	0	21.68	21.83	21.86	22.5	0.0
100	PI/2 BPSK	135	69	21.82	21.72	21.76	22.5	0.0
100	PI/2 BPSK	135	138	21.80	21.72	21.94	22.5	0.0
100	PI/2 BPSK	270	0	21.59	21.56	21.80		
100	QPSK	1	1	21.89	21.99	21.92	22.5	0.0
100	QPSK	1	137	21.66	21.74	21.91		
100	QPSK	1	271	21.81	21.81	21.61		
100	QPSK	135	0	21.63	21.69	21.56	22.5	0.0
100	QPSK	135	69	21.69	21.82	21.68	22.5	0.0
100	QPSK	135	138	21.58	21.52	21.63	22.5	0.0
100	QPSK	270	0	21.53	21.62	21.52		
100	16QAM	1	1	21.48	21.45	21.36	22.5	0.0
100	64QAM	1	1	21.34	21.73	21.49	22.5	0.0
100	256QAM	1	1	19.63	19.92	19.86	20.5	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.52	21.65	21.51	22.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.83	21.65	21.61	22.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.65	21.95	21.61	22.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.64	21.85	21.61	22.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.80	21.69	21.48	22.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.63	21.85	21.59	22.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.62	21.94	21.51	22.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.76	21.90	21.76	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	18.92	18.99	19.00	19.5	0.0
40	PI/2 BPSK	1	108	19.01	19.00	18.98		
40	PI/2 BPSK	1	214	18.97	18.94	18.95		
40	PI/2 BPSK	108	0	18.94	18.85	19.01	19.5	0.0
40	PI/2 BPSK	108	54	18.86	19.00	18.84	19.5	0.0
40	PI/2 BPSK	108	108	18.85	18.84	18.81	19.5	0.0
40	PI/2 BPSK	216	0	18.93	18.95	18.88		
40	QPSK	1	1	19.00	19.02	18.96	19.5	0.0
40	QPSK	1	108	18.91	18.99	18.94		
40	QPSK	1	214	18.89	18.93	18.90		
40	QPSK	108	0	18.93	18.86	19.00	19.5	0.0
40	QPSK	108	54	18.96	18.99	18.91	19.5	0.0
40	QPSK	108	108	18.81	18.86	18.83	19.5	0.0
40	QPSK	216	0	18.83	18.90	18.85		
40	16QAM	1	1	18.82	18.88	18.90	19.5	0.0
40	64QAM	1	1	18.83	18.92	18.99	19.5	0.0
40	256QAM	1	1	18.24	18.24	18.15	19.0	0.5
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.90	18.91	18.83	19.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.91	18.86	18.83	19.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.89	18.99	18.87	19.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.87	18.98	18.92	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.95	18.93	18.86	19.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.84	18.96	18.88	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.74	22.85	22.80	23.5	0.0
40	PI/2 BPSK	1	108	22.72	22.81	22.77		
40	PI/2 BPSK	1	214	22.69	22.78	22.63		
40	PI/2 BPSK	108	0	21.90	21.99	21.99	23.0	0.5
40	PI/2 BPSK	108	54	22.71	22.79	22.76	23.5	0.0
40	PI/2 BPSK	108	108	22.07	22.26	22.23	23.0	0.5
40	PI/2 BPSK	216	0	22.05	22.25	22.10		
40	QPSK	1	1	22.74	22.88	22.87	23.5	0.0
40	QPSK	1	108	22.78	22.86	22.65		
40	QPSK	1	214	22.75	22.81	22.72		
40	QPSK	108	0	21.42	21.55	21.43	22.5	1.0
40	QPSK	108	54	22.55	22.74	22.70	23.5	0.0
40	QPSK	108	108	21.74	21.83	21.75	22.5	1.0
40	QPSK	216	0	21.65	21.89	21.53		
40	16QAM	1	1	21.39	21.47	21.51	22.5	1.0
40	64QAM	1	1	19.47	19.63	19.50	21.0	2.5
40	256QAM	1	1	17.60	17.68	17.42	19.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.67	22.85	22.79	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.70	22.71	22.78	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.68	22.82	22.75	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.67	22.81	22.85	#REF!	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.57	22.72	22.69	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.99	19.06	18.96	20.0	0.0
40	PI/2 BPSK	1	53	18.96	19.10	18.98		
40	PI/2 BPSK	1	104	19.06	19.17	19.11		
40	PI/2 BPSK	50	0	19.01	19.16	19.09	20.0	0.0
40	PI/2 BPSK	50	28	18.99	19.08	18.99	20.0	0.0
40	PI/2 BPSK	50	56	19.07	19.09	18.94	20.0	0.0
40	PI/2 BPSK	100	0	19.10	19.13	19.07		
40	QPSK	1	1	19.23	19.26	19.15	20.0	0.0
40	QPSK	1	53	19.01	19.09	18.94		
40	QPSK	1	104	19.03	19.12	19.06		
40	QPSK	50	0	18.97	19.15	19.01	20.0	0.0
40	QPSK	50	28	19.09	19.21	19.18	20.0	0.0
40	QPSK	50	56	18.99	19.10	19.04	20.0	0.0
40	QPSK	100	0	19.05	19.13	19.04		
40	16QAM	1	1	18.93	19.07	19.04	20.0	0.0
40	64QAM	1	1	18.87	19.03	18.99	20.0	0.0
40	256QAM	1	1	17.71	17.83	17.77	19.0	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.18	19.21	19.12	20.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.11	19.14	19.10	20.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.11	19.16	19.03	20.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.12	19.09	19.06	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.92	18.97	18.87	20.0	0.0
100	PI/2 BPSK	1	137	19.01	19.07	18.88		
100	PI/2 BPSK	1	271	18.91	19.02	18.78		
100	PI/2 BPSK	135	0	18.85	18.94	18.73	20.0	0.0
100	PI/2 BPSK	135	69	18.92	19.01	18.89	20.0	0.0
100	PI/2 BPSK	135	138	18.89	19.00	18.71	20.0	0.0
100	PI/2 BPSK	270	0	18.96	18.95	18.68		
100	QPSK	1	1	19.04	19.08	18.83	20.0	0.0
100	QPSK	1	137	18.95	19.04	18.77		
100	QPSK	1	271	18.90	18.92	18.68		
100	QPSK	135	0	18.98	19.02	18.77	20.0	0.0
100	QPSK	135	69	18.92	19.03	18.71	20.0	0.0
100	QPSK	135	138	18.93	18.95	18.79	20.0	0.0
100	QPSK	270	0	18.90	19.01	18.85		
100	16QAM	1	1	18.92	19.03	18.79	20.0	0.0
100	64QAM	1	1	18.94	18.96	18.78	20.0	0.0
100	256QAM	1	1	17.65	17.73	17.61	19.0	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.86	18.99	18.89	20.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.98	19.01	18.84	20.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.99	19.01	18.90	20.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.97	18.93	18.82	20.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.93	18.93	18.81	20.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.98	18.98	18.90	20.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.88	19.01	18.87	20.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.86	18.97	18.89	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				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	17.83	17.86	17.70	18.5	0.0
40	PI/2 BPSK	1	108	17.75	17.73	17.81		
40	PI/2 BPSK	1	214	17.82	17.71	17.83		
40	PI/2 BPSK	108	0	17.73	17.62	17.72	18.5	0.0
40	PI/2 BPSK	108	54	17.66	17.70	17.60	18.5	0.0
40	PI/2 BPSK	108	108	17.67	17.73	17.70	18.5	0.0
40	PI/2 BPSK	216	0	17.77	17.79	17.75		
40	QPSK	1	1	17.85	17.87	17.73	18.5	0.0
40	QPSK	1	108	17.81	17.83	17.80		
40	QPSK	1	214	17.60	17.61	17.75		
40	QPSK	108	0	17.71	17.68	17.85	18.5	0.0
40	QPSK	108	54	17.71	17.81	17.74	18.5	0.0
40	QPSK	108	108	17.78	17.88	17.66	18.5	0.0
40	QPSK	216	0	17.69	17.79	17.75		
40	16QAM	1	1	17.73	17.66	17.70	18.5	0.0
40	64QAM	1	1	17.58	17.55	17.79	18.5	0.0
40	256QAM	1	1	17.55	17.73	17.64	18.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.74	17.84	17.57	18.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.72	17.77	17.56	18.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	17.82	17.69	17.57	18.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.80	17.73	17.63	18.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.75	17.75	17.55	18.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.82	17.78	17.64	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.76	17.94	17.94	18.5	0.0
40	PI/2 BPSK	1	108	17.81	17.87	17.74		
40	PI/2 BPSK	1	214	17.68	17.71	17.79		
40	PI/2 BPSK	108	0	17.75	17.92	17.91	18.5	0.0
40	PI/2 BPSK	108	54	17.59	17.78	17.83	18.5	0.0
40	PI/2 BPSK	108	108	17.69	17.74	17.96	18.5	0.0
40	PI/2 BPSK	216	0	17.70	17.71	17.86		
40	QPSK	1	1	17.90	17.98	17.78	18.5	0.0
40	QPSK	1	108	17.81	17.86	17.94		
40	QPSK	1	214	17.77	17.72	17.86		
40	QPSK	108	0	17.70	17.88	17.88	18.5	0.0
40	QPSK	108	54	17.81	17.94	17.86	18.5	0.0
40	QPSK	108	108	17.77	17.74	17.87	18.5	0.0
40	QPSK	216	0	17.81	17.89	17.79		
40	16QAM	1	1	17.43	17.69	17.69	18.5	0.0
40	64QAM	1	1	17.42	17.47	17.67	18.5	0.0
40	256QAM	1	1	17.34	17.18	17.23	18.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.15	18.16	18.01	18.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.16	18.25	18.03	18.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.11	18.18	18.02	18.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.13	18.15	18.07	18.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.14	18.12	18.07	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.45	17.47	17.51	18.0	0.0
40	PI/2 BPSK	1	53	17.46	17.43	17.42		
40	PI/2 BPSK	1	104	17.55	17.39	17.58		
40	PI/2 BPSK	50	0	17.35	17.37	17.51	18.0	0.0
40	PI/2 BPSK	50	28	17.49	17.36	17.35	18.0	0.0
40	PI/2 BPSK	50	56	17.26	17.37	17.37	18.0	0.0
40	PI/2 BPSK	100	0	17.52	17.42	17.39		
40	QPSK	1	1	17.55	17.61	17.43	18.0	0.0
40	QPSK	1	53	17.41	17.55	17.42		
40	QPSK	1	104	17.22	17.32	17.54		
40	QPSK	50	0	17.24	17.51	17.54	18.0	0.0
40	QPSK	50	28	17.47	17.55	17.43	18.0	0.0
40	QPSK	50	56	17.44	17.41	17.37	18.0	0.0
40	QPSK	100	0	17.36	17.46	17.41		
40	16QAM	1	1	17.40	17.39	17.33	18.0	0.0
40	64QAM	1	1	17.29	17.29	17.40	18.0	0.0
40	256QAM	1	1	17.19	17.33	17.39	18.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.53	17.54	17.39	18.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.51	17.52	17.37	18.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.51	17.51	17.39	18.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.51	17.47	17.37	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.43	17.49	17.51	18.0	0.0
100	PI/2 BPSK	1	137	17.35	17.55	17.54		
100	PI/2 BPSK	1	271	17.52	17.46	17.48		
100	PI/2 BPSK	135	0	17.36	17.34	17.47	18.0	0.0
100	PI/2 BPSK	135	69	17.39	17.33	17.33	18.0	0.0
100	PI/2 BPSK	135	138	17.30	17.39	17.22	18.0	0.0
100	PI/2 BPSK	270	0	17.46	17.49	17.38		
100	QPSK	1	1	17.47	17.57	17.55	18.0	0.0
100	QPSK	1	137	17.41	17.48	17.43		
100	QPSK	1	271	17.21	17.36	17.35		
100	QPSK	135	0	17.29	17.32	17.47	18.0	0.0
100	QPSK	135	69	17.46	17.55	17.45	18.0	0.0
100	QPSK	135	138	17.31	17.36	17.29	18.0	0.0
100	QPSK	270	0	17.40	17.48	17.44		
100	16QAM	1	1	17.35	17.33	17.49	18.0	0.0
100	64QAM	1	1	17.23	17.27	17.48	18.0	0.0
100	256QAM	1	1	17.20	17.45	17.38	18.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.32	17.43	17.46	18.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.37	17.53	17.44	18.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.44	17.50	17.43	18.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.41	17.40	17.42	18.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.40	17.42	17.51	18.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.42	17.44	17.43	18.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.31	17.41	17.42	18.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.44	17.48	17.45	18.0	0.0

PC3 Part27O n77 Ant9 DSI5

BW [MHz]	Modulation	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	15.13	15.13	15.11	15.5	0.0
100	PI/2 BPSK	1	137	14.94	15.03	15.04		
100	PI/2 BPSK	1	271	14.98	15.04	15.10		
100	PI/2 BPSK	135	0	15.09	14.92	14.94	15.5	0.0
100	PI/2 BPSK	135	69	14.90	15.01	14.86	15.5	0.0
100	PI/2 BPSK	135	138	14.99	14.97	15.05	15.5	0.0
100	PI/2 BPSK	270	0	15.06	15.15	14.97		
100	QPSK	1	1	15.11	15.17	15.12	15.5	0.0
100	QPSK	1	137	15.04	15.08	15.05		
100	QPSK	1	271	14.89	14.90	14.94		
100	QPSK	135	0	14.89	15.05	15.09	15.5	0.0
100	QPSK	135	69	15.06	15.15	15.10	15.5	0.0
100	QPSK	135	138	15.04	15.06	15.01	15.5	0.0
100	QPSK	270	0	15.03	15.10	14.96		
100	16QAM	1	1	15.04	15.06	14.98	15.5	0.0
100	64QAM	1	1	15.09	15.12	15.09	15.5	0.0
100	256QAM	1	1	15.04	15.10	15.09	15.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.98	15.08	14.98	15.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.01	15.03	14.96	15.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.05	15.11	14.97	15.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.05	15.10	15.09	15.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.08	15.01	15.06	15.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.93	15.00	15.10	15.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.02	15.10	15.08	15.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.08	15.09	15.08	15.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.06	15.14	15.08	15.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.95	15.05	15.08	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.14		15.5	0.0
100	PI/2 BPSK	1	137		15.02			
100	PI/2 BPSK	1	271		15.05			
100	PI/2 BPSK	135	0		14.91		15.5	0.0
100	PI/2 BPSK	135	69		15.05		15.5	0.0
100	PI/2 BPSK	135	138		14.76		15.5	0.0
100	PI/2 BPSK	270	0		15.14			
100	QPSK	1	1		15.20		15.5	0.0
100	QPSK	1	137		15.11			
100	QPSK	1	271		14.93			
100	QPSK	135	0		15.05		15.5	0.0
100	QPSK	135	69		15.14		15.5	0.0
100	QPSK	135	138		14.93		15.5	0.0
100	QPSK	270	0		15.01			
100	16QAM	1	1		14.98		15.5	0.0
100	64QAM	1	1		14.95		15.5	0.0
100	256QAM	1	1		14.94		15.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.16	15.09	15.18	15.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.14	15.12	15.02	15.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.09	15.08	15.13	15.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.10	15.16	15.08	15.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.03	15.04	15.10	15.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.10	15.07	15.08	15.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.03	15.06	15.04	15.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.05	15.03	15.07	15.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.04	15.14	15.15	15.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.03	15.17	15.11	15.5	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		15.54		17.5	0.0
100	PI/2 BPSK	1	137		15.65			
100	PI/2 BPSK	1	271		15.57			
100	PI/2 BPSK	135	0		15.60		17.5	0.0
100	PI/2 BPSK	135	69		15.65		17.5	0.0
100	PI/2 BPSK	135	138		15.51		17.5	0.0
100	PI/2 BPSK	270	0		15.63			
100	QPSK	1	1		15.67		17.5	0.0
100	QPSK	1	137		15.61			
100	QPSK	1	271		15.52			
100	QPSK	135	0		15.59		17.5	0.0
100	QPSK	135	69		15.61		17.5	0.0
100	QPSK	135	138		15.54		17.5	0.0
100	QPSK	270	0		15.55			
100	16QAM	1	1		15.51		17.5	0.0
100	64QAM	1	1		15.53		17.5	0.0
100	256QAM	1	1		15.59		17.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.62	15.54	15.61	17.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.59	15.59	15.62	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.58	15.62	15.63	17.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.60	15.64	15.58	17.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.55	15.64	15.55	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.51	15.51	15.57	17.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.61	15.57	15.62	17.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.56	15.60	15.55	17.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.56	15.60	15.55	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.51	15.65	15.57	17.5	0.0

PC2 Part27O n78 Ant9 DSI5

BW [MHz]	Modulation	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		18.67		20.5	0.0
100	PI/2 BPSK	1	137		18.57			
100	PI/2 BPSK	1	271		18.62			
100	PI/2 BPSK	135	0		18.61		20.5	0.0
100	PI/2 BPSK	135	69		18.58		20.5	0.0
100	PI/2 BPSK	135	138		18.58		20.5	0.0
100	PI/2 BPSK	270	0		18.62			
100	QPSK	1	1		18.74		20.5	0.0
100	QPSK	1	137		18.68			
100	QPSK	1	271		18.66			
100	QPSK	135	0		18.61		20.5	0.0
100	QPSK	135	69		18.70		20.5	0.0
100	QPSK	135	138		18.65		20.5	0.0
100	QPSK	270	0		18.68			
100	16QAM	1	1		18.66		20.5	0.0
100	64QAM	1	1		18.67		20.5	0.0
100	256QAM	1	1		18.62		20.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.65	18.53	18.63	20.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.57	18.60	18.54	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.56	18.61	18.54	20.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.54	18.51	18.56	20.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.56	18.61	18.54	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.60	18.54	18.53	20.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.58	18.57	18.51	20.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.54	18.56	18.57	20.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.56	18.52	18.51	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.56	18.52	18.56	20.5	0.0

PC3 Part27Q n78 Ant9 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.61		17.5	0.0
100	PI/2 BPSK	1	137		15.55			
100	PI/2 BPSK	1	271		15.60			
100	PI/2 BPSK	135	0		15.58		17.5	0.0
100	PI/2 BPSK	135	69		15.54		17.5	0.0
100	PI/2 BPSK	135	138		15.51		17.5	0.0
100	PI/2 BPSK	270	0		15.53			
100	QPSK	1	1		15.63		17.5	0.0
100	QPSK	1	137		15.58			
100	QPSK	1	271		15.52			
100	QPSK	135	0		15.54		17.5	0.0
100	QPSK	135	69		15.59		17.5	0.0
100	QPSK	135	138		15.51		17.5	0.0
100	QPSK	270	0		15.54			
100	16QAM	1	1		15.53		17.5	0.0
100	64QAM	1	1		15.60		17.5	0.0
100	256QAM	1	1		15.62		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.56	15.51	15.54	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.58	15.61	15.56	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.57	15.57	15.58	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.56	15.57	15.58	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.51	15.56	15.55	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.52	15.57	15.60	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.61	15.53	15.54	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.51	15.51	15.55	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.58	15.59	15.53	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.54	15.51	15.61	17.5	0.0

PC2 Part27Q n78 Ant9 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.56		20.5	0.0
100	PI/2 BPSK	1	137		18.51			
100	PI/2 BPSK	1	271		18.54			
100	PI/2 BPSK	135	0		18.52		20.5	0.0
100	PI/2 BPSK	135	69		18.52		20.5	0.0
100	PI/2 BPSK	135	138		18.56		20.5	0.0
100	PI/2 BPSK	270	0		18.60			
100	QPSK	1	1		18.69		20.5	0.0
100	QPSK	1	137		18.66			
100	QPSK	1	271		18.53			
100	QPSK	135	0		18.56		20.5	0.0
100	QPSK	135	69		18.61		20.5	0.0
100	QPSK	135	138		18.53		20.5	0.0
100	QPSK	270	0		18.53			
100	16QAM	1	1		18.55		20.5	0.0
100	64QAM	1	1		18.54		20.5	0.0
100	256QAM	1	1		18.52		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.59	18.57	18.59	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.58	18.56	18.53	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.58	18.57	18.51	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.60	18.56	18.56	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.64	18.53	18.57	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.66	18.61	18.58	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.57	18.55	18.60	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.61	18.56	18.51	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.63	18.54	18.52	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.65	18.57	18.55	20.5	0.0

PC3 Part27O n77 Ant10 DSI5

BW [MHz]	Modulation	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	16.11	16.17	16.16	17.2	0.0
100	PI/2 BPSK	1	137	16.05	16.18	16.13		
100	PI/2 BPSK	1	271	16.20	16.20	16.19		
100	PI/2 BPSK	135	0	16.07	16.19	16.12	17.2	0.0
100	PI/2 BPSK	135	69	16.06	16.18	16.10	17.2	0.0
100	PI/2 BPSK	135	138	16.21	16.15	16.19	17.2	0.0
100	PI/2 BPSK	270	0	16.09	16.14	16.12		
100	QPSK	1	1	16.09	16.32	16.17	17.2	0.0
100	QPSK	1	137	16.03	16.18	16.18		
100	QPSK	1	271	16.19	16.21	16.18		
100	QPSK	135	0	16.15	16.18	16.12	17.2	0.0
100	QPSK	135	69	16.08	16.28	16.17	17.2	0.0
100	QPSK	135	138	16.18	16.23	16.18	17.2	0.0
100	QPSK	270	0	16.12	16.25	16.15		
100	16QAM	1	1	16.10	16.20	16.12	17.2	0.0
100	64QAM	1	1	16.07	16.18	16.10	17.2	0.0
100	256QAM	1	1	16.19	16.20	16.19	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	15.90	16.09	16.05	17.2	0.0
Channel				648334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.90	16.11	16.09	17.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.89	16.10	16.03	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	15.98	16.04	16.08	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	15.90	16.09	16.04	17.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.92	16.08	16.07	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	15.90	16.11	16.08	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	15.95	16.11	16.04	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	15.97	16.11	16.09	17.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.95	16.12	16.11	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.57		17.2	0.0
100	PI/2 BPSK	1	137		16.48			
100	PI/2 BPSK	1	271		16.37			
100	PI/2 BPSK	135	0		16.52		17.2	0.0
100	PI/2 BPSK	135	69		16.51		17.2	0.0
100	PI/2 BPSK	135	138		16.41		17.2	0.0
100	PI/2 BPSK	270	0		16.50			
100	QPSK	1	1		16.72		17.2	0.0
100	QPSK	1	137		16.55			
100	QPSK	1	271		16.51			
100	QPSK	135	0		16.52		17.2	0.0
100	QPSK	135	69		16.66		17.2	0.0
100	QPSK	135	138		16.51		17.2	0.0
100	QPSK	270	0		16.55			
100	16QAM	1	1		16.36		17.2	0.0
100	64QAM	1	1		16.49		17.2	0.0
100	256QAM	1	1		16.38		17.2	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.51	16.51	16.50	17.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.52	16.46	16.56	17.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.53	16.47	16.55	17.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.47	16.55	16.46	17.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.47	16.50	16.49	17.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.53	16.47	16.55	17.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.51	16.52	16.53	17.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.49	16.55	16.48	17.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.54	16.47	16.53	17.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.54	16.48	16.48	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		15.78		17.5	0.0
100	PI/2 BPSK	1	137		15.68			
100	PI/2 BPSK	1	271		15.60			
100	PI/2 BPSK	135	0		15.59		17.5	0.0
100	PI/2 BPSK	135	69		15.54		17.5	0.0
100	PI/2 BPSK	135	138		15.53		17.5	0.0
100	PI/2 BPSK	270	0		15.65			
100	QPSK	1	1		15.82		17.5	0.0
100	QPSK	1	137		15.79			
100	QPSK	1	271		15.52			
100	QPSK	135	0		15.60		17.5	0.0
100	QPSK	135	69		15.77		17.5	0.0
100	QPSK	135	138		15.67		17.5	0.0
100	QPSK	270	0		15.72			
100	16QAM	1	1		15.54		17.5	0.0
100	64QAM	1	1		15.59		17.5	0.0
100	256QAM	1	1		15.63		17.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.73	15.71	15.78	17.5	0.0
Channel				648334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.76	15.65	15.74	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.72	15.67	15.70	17.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.68	15.77	15.75	17.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.66	15.76	15.73	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.67	15.77	15.72	17.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.79	15.78	15.74	17.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.71	15.75	15.71	17.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.74	15.70	15.74	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.66	15.73	15.75	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.65		20.5	0.0
100	PI/2 BPSK	1	137		18.62			
100	PI/2 BPSK	1	271		18.52			
100	PI/2 BPSK	135	0		18.59		20.5	0.0
100	PI/2 BPSK	135	69		18.61		20.5	0.0
100	PI/2 BPSK	135	138		18.62		20.5	0.0
100	PI/2 BPSK	270	0		18.62			
100	QPSK	1	1		18.73		20.5	0.0
100	QPSK	1	137		18.59			
100	QPSK	1	271		18.61			
100	QPSK	135	0		18.62		20.5	0.0
100	QPSK	135	69		18.67		20.5	0.0
100	QPSK	135	138		18.60		20.5	0.0
100	QPSK	270	0		18.61			
100	16QAM	1	1		18.59		20.5	0.0
100	64QAM	1	1		18.62		20.5	0.0
100	256QAM	1	1		18.63		20.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.55	18.55	18.65	20.5	0.0
Channel				648334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.58	18.55	18.54	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.64	18.54	18.63	20.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.60	18.63	18.68	20.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.55	18.60	18.56	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.68	18.67	18.53	20.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.59	18.54	18.68	20.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.54	18.56	18.68	20.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.60	18.67	18.61	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.57	18.68	18.67	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.27		17.5	0.0
100	PI/2 BPSK	1	137		16.21			
100	PI/2 BPSK	1	271		16.17			
100	PI/2 BPSK	135	0		16.08		17.5	0.0
100	PI/2 BPSK	135	69		15.98		17.5	0.0
100	PI/2 BPSK	135	138		15.97		17.5	0.0
100	PI/2 BPSK	270	0		16.17			
100	QPSK	1	1		16.38		17.5	0.0
100	QPSK	1	137		16.26			
100	QPSK	1	271		15.98			
100	QPSK	135	0		16.05		17.5	0.0
100	QPSK	135	69		16.31		17.5	0.0
100	QPSK	135	138		16.17		17.5	0.0
100	QPSK	270	0		16.28			
100	16QAM	1	1		16.06		17.5	0.0
100	64QAM	1	1		16.05		17.5	0.0
100	256QAM	1	1		16.18		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.73	15.71	15.76	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.76	15.65	15.74	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.72	15.67	15.70	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.68	15.77	15.75	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.66	15.76	15.73	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.67	15.77	15.72	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.79	15.78	15.74	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.71	15.75	15.71	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.74	15.70	15.74	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.66	15.73	15.75	17.5	0.0

PC2 Part27Q n78 Ant10 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.97		20.5	0.0
100	PI/2 BPSK	1	137		19.21			
100	PI/2 BPSK	1	271		19.18			
100	PI/2 BPSK	135	0		19.08		20.5	0.0
100	PI/2 BPSK	135	69		19.04		20.5	0.0
100	PI/2 BPSK	135	138		19.14		20.5	0.0
100	PI/2 BPSK	270	0		19.04			
100	QPSK	1	1		19.23		20.5	0.0
100	QPSK	1	137		19.18			
100	QPSK	1	271		19.15			
100	QPSK	135	0		19.01		20.5	0.0
100	QPSK	135	69		19.20		20.5	0.0
100	QPSK	135	138		19.15		20.5	0.0
100	QPSK	270	0		19.16			
100	16QAM	1	1		19.11		20.5	0.0
100	64QAM	1	1		19.08		20.5	0.0
100	256QAM	1	1		19.02		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.11	19.11	18.99	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.11	19.08	19.07	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.02	19.08	19.00	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.10	19.05	18.99	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.10	18.99	19.04	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.98	19.10	19.00	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.99	19.08	18.99	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.01	19.10	19.06	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.99	18.99	19.09	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.98	19.05	19.01	20.5	0.0

PC3 Part27O n77 Ant11 DSI5

BW [MHz]	Modulation	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	15.34	15.23	15.24	16.2	0.0
100	PI/2 BPSK	1	137	15.11	15.24	15.24		
100	PI/2 BPSK	1	271	15.17	15.24	15.32		
100	PI/2 BPSK	135	0	15.12	15.09	15.16	16.2	0.0
100	PI/2 BPSK	135	69	15.06	15.25	15.16	16.2	0.0
100	PI/2 BPSK	135	138	15.18	15.08	15.11	16.2	0.0
100	PI/2 BPSK	270	0	15.18	15.32	15.07		
100	QPSK	1	1	15.29	15.37	15.24	16.2	0.0
100	QPSK	1	137	15.25	15.28	15.20		
100	QPSK	1	271	15.03	15.08	15.17		
100	QPSK	135	0	15.11	15.29	15.28	16.2	0.0
100	QPSK	135	69	15.20	15.33	15.31	16.2	0.0
100	QPSK	135	138	15.05	15.21	15.22	16.2	0.0
100	QPSK	270	0	15.12	15.29	15.23		
100	16QAM	1	1	15.13	15.17	15.17	16.2	0.0
100	64QAM	1	1	15.18	15.22	15.30	16.2	0.0
100	256QAM	1	1	15.20	15.29	15.14	16.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.16	15.24	15.09	16.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.23	15.33	15.22	16.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.22	15.34	15.10	16.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.12	15.26	15.12	16.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.25	15.30	15.17	16.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.13	15.29	15.11	16.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.22	15.19	15.07	16.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.26	15.31	15.20	16.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.13	15.20	15.08	16.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.23	15.27	15.20	16.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.42		16.2	0.0
100	PI/2 BPSK	1	137		15.36			
100	PI/2 BPSK	1	271		15.28			
100	PI/2 BPSK	135	0		15.23		16.2	0.0
100	PI/2 BPSK	135	69		15.35		16.2	0.0
100	PI/2 BPSK	135	138		15.12		16.2	0.0
100	PI/2 BPSK	270	0		15.39			
100	QPSK	1	1		15.47		16.2	0.0
100	QPSK	1	137		15.41			
100	QPSK	1	271		15.20			
100	QPSK	135	0		15.42		16.2	0.0
100	QPSK	135	69		15.45		16.2	0.0
100	QPSK	135	138		15.31		16.2	0.0
100	QPSK	270	0		15.39			
100	16QAM	1	1		15.20		16.2	0.0
100	64QAM	1	1		15.30		16.2	0.0
100	256QAM	1	1		15.44		16.2	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.32	15.38	15.44	16.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.45	15.33	15.37	16.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.29	15.35	15.32	16.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.30	15.36	15.35	16.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.44	15.35	15.45	16.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.35	15.41	15.43	16.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.40	15.44	15.40	16.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.32	15.38	15.31	16.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.31	15.32	15.38	16.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.40	15.39	15.37	16.2	0.0

PC3 Part27O n78 Ant11 DSI5

BW [MHz]	Modulation	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		15.16		16.5	0.0
100	PI/2 BPSK	1	137		15.18			
100	PI/2 BPSK	1	271		15.06			
100	PI/2 BPSK	135	0		14.96		16.5	0.0
100	PI/2 BPSK	135	69		15.13		16.5	0.0
100	PI/2 BPSK	135	138		15.06		16.5	0.0
100	PI/2 BPSK	270	0		15.16			
100	QPSK	1	1		15.21		16.5	0.0
100	QPSK	1	137		15.17			
100	QPSK	1	271		15.06			
100	QPSK	135	0		15.14		16.5	0.0
100	QPSK	135	69		15.18		16.5	0.0
100	QPSK	135	138		15.11		16.5	0.0
100	QPSK	270	0		15.12			
100	16QAM	1	1		15.07		16.5	0.0
100	64QAM	1	1		15.16		16.5	0.0
100	256QAM	1	1		15.18		16.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.14	15.16	15.17	16.5	0.0
Channel				648334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.18	15.19	15.10	16.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.03	15.04	15.08	16.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.04	15.15	15.05	16.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.18	15.13	15.16	16.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.12	15.07	15.08	16.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.11	15.12	15.15	16.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.07	15.08	15.18	16.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.14	15.18	15.15	16.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.03	15.03	15.16	16.5	0.0

PC2 Part27O n78 Ant11 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.10		19.5	0.0
100	PI/2 BPSK	1	137		18.17			
100	PI/2 BPSK	1	271		18.10			
100	PI/2 BPSK	135	0		18.08		19.5	0.0
100	PI/2 BPSK	135	69		18.12		19.5	0.0
100	PI/2 BPSK	135	138		18.01		19.5	0.0
100	PI/2 BPSK	270	0		18.10			
100	QPSK	1	1		18.29		19.5	0.0
100	QPSK	1	137		18.22			
100	QPSK	1	271		18.15			
100	QPSK	135	0		18.08		19.5	0.0
100	QPSK	135	69		18.25		19.5	0.0
100	QPSK	135	138		18.09		19.5	0.0
100	QPSK	270	0		18.18			
100	16QAM	1	1		18.08		19.5	0.0
100	64QAM	1	1		18.11		19.5	0.0
100	256QAM	1	1		18.04		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	18.11	18.10	18.15	19.5	0.0
Channel				648334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.20	18.15	18.10	19.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.14	18.12	18.18	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	18.14	18.20	18.15	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	18.18	18.12	18.11	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.15	18.13	18.13	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	18.15	18.17	18.13	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	18.18	18.15	18.11	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	18.19	18.16	18.14	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.19	18.16	18.19	19.5	0.0

PC3 Part27Q n78 Ant11 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.57		16.5	0.0
100	PI/2 BPSK	1	137		15.62			
100	PI/2 BPSK	1	271		15.52			
100	PI/2 BPSK	135	0		15.58		16.5	0.0
100	PI/2 BPSK	135	69		15.56		16.5	0.0
100	PI/2 BPSK	135	138		15.47		16.5	0.0
100	PI/2 BPSK	270	0		15.48			
100	QPSK	1	1		15.69		16.5	0.0
100	QPSK	1	137		15.59			
100	QPSK	1	271		15.52			
100	QPSK	135	0		15.57		16.5	0.0
100	QPSK	135	69		15.63		16.5	0.0
100	QPSK	135	138		15.53		16.5	0.0
100	QPSK	270	0		15.58			
100	16QAM	1	1		15.47		16.5	0.0
100	64QAM	1	1		15.50		16.5	0.0
100	256QAM	1	1		15.63		16.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.52	15.67	15.66	16.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.61	15.60	15.55	16.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.59	15.65	15.58	16.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.60	15.61	15.54	16.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.55	15.52	15.65	16.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.61	15.54	15.61	16.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.53	15.62	15.53	16.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.55	15.55	15.54	16.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.53	15.57	15.60	16.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.56	15.62	15.62	16.5	0.0

PC2 Part27Q n78 Ant11 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.61		19.5	0.0
100	PI/2 BPSK	1	137		18.63			
100	PI/2 BPSK	1	271		18.50			
100	PI/2 BPSK	135	0		18.61		19.5	0.0
100	PI/2 BPSK	135	69		18.62		19.5	0.0
100	PI/2 BPSK	135	138		18.54		19.5	0.0
100	PI/2 BPSK	270	0		18.59			
100	QPSK	1	1		18.65		19.5	0.0
100	QPSK	1	137		18.55			
100	QPSK	1	271		18.57			
100	QPSK	135	0		18.60		19.5	0.0
100	QPSK	135	69		18.63		19.5	0.0
100	QPSK	135	138		18.59		19.5	0.0
100	QPSK	270	0		18.61			
100	16QAM	1	1		18.56		19.5	0.0
100	64QAM	1	1		18.55		19.5	0.0
100	256QAM	1	1		18.51		19.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.56	18.56	18.52	19.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.50	18.57	18.60	19.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.53	18.61	18.60	19.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.54	18.54	18.52	19.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.47	18.62	18.52	19.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.57	18.59	18.59	19.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.51	18.64	18.56	19.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.56	18.59	18.55	19.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.50	18.61	18.54	19.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.55	18.62	18.61	19.5	0.0

Reduced Power Mode for DSI 5_ENDC

PC3 Part27O n77 Ant0 for ENDC

BW [MHz]	Modulation	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	18.76	18.45	20.0	0.0
100	PI/2 BPSK	1	137	18.65	18.68	18.64		
100	PI/2 BPSK	1	271	18.56	18.58	18.54		
100	PI/2 BPSK	135	0	18.51	18.72	18.70	20.0	0.0
100	PI/2 BPSK	135	69	18.59	18.49	18.58	20.0	0.0
100	PI/2 BPSK	135	138	18.67	18.62	18.45	20.0	0.0
100	PI/2 BPSK	270	0	18.56	18.67	18.53		
100	QPSK	1	1	18.68	18.91	18.57	20.0	0.0
100	QPSK	1	137	18.69	18.80	18.69		
100	QPSK	1	271	18.64	18.78	18.51		
100	QPSK	135	0	18.66	18.63	18.55	20.0	0.0
100	QPSK	135	69	18.68	18.76	18.68	20.0	0.0
100	QPSK	135	138	18.54	18.60	18.53	20.0	0.0
100	QPSK	270	0	18.52	18.61	18.51		
100	16QAM	1	1	18.53	18.62	18.34	20.0	0.0
100	64QAM	1	1	18.81	18.68	18.57	20.0	0.0
100	256QAM	1	1	17.63	17.66	17.69	19.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.64	18.78	18.55	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	18.66	18.72	18.65	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.58	18.60	18.58	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	18.70	18.70	18.59	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	18.51	18.65	18.50	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.62	18.63	18.66	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	18.65	18.64	18.58	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	18.51	18.74	18.52	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	18.70	18.61	18.53	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.53	18.84	18.51	20.0	0.0

PC3 Part27Q n77 Ant0 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.76		20.0	0.0
100	PI/2 BPSK	1	137		18.75			
100	PI/2 BPSK	1	271		18.54			
100	PI/2 BPSK	135	0		18.64		20.0	0.0
100	PI/2 BPSK	135	69		18.64		20.0	0.0
100	PI/2 BPSK	135	138		18.74		20.0	0.0
100	PI/2 BPSK	270	0		18.69			
100	QPSK	1	1		18.92		20	0.0
100	QPSK	1	137		18.71			
100	QPSK	1	271		18.71			
100	QPSK	135	0		18.75		20.0	0.0
100	QPSK	135	69		18.89		20.0	0.0
100	QPSK	135	138		18.51		20.0	0.0
100	QPSK	270	0		18.79			
100	16QAM	1	1		18.77		20.0	0.0
100	64QAM	1	1		18.09		20.0	0.0
100	256QAM	1	1		17.09		19.0	1.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.64	18.56	18.79	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.76	18.65	18.64	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.59	18.71	18.78	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.66	18.80	18.65	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.70	18.69	18.63	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.69	18.69	18.85	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.80	18.69	18.70	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.73	18.61	18.69	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.73	18.55	18.73	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.67	18.65	18.64	20.0	0.0

PC3 Part27O n78 Ant0 for ENDC

BW [MHz]	Modulation	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		17.70		19.0	0.0
100	PI/2 BPSK	1	137		17.65			
100	PI/2 BPSK	1	271		17.54			
100	PI/2 BPSK	135	0		17.68		19.0	0.0
100	PI/2 BPSK	135	69		17.62		19.0	0.0
100	PI/2 BPSK	135	138		17.65		19.0	0.0
100	PI/2 BPSK	270	0		17.59			
100	QPSK	1	1		17.83		19.0	0.0
100	QPSK	1	137		17.74			
100	QPSK	1	271		17.78			
100	QPSK	135	0		17.61		19.0	0.0
100	QPSK	135	69		17.64		19.0	0.0
100	QPSK	135	138		17.54		19.0	0.0
100	QPSK	270	0		17.57			
100	16QAM	1	1		17.60		19.0	0.0
100	64QAM	1	1		17.10		19.0	0.0
100	256QAM	1	1		17.75		18.5	0.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.46	17.61	17.44	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.40	17.55	17.55	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.57	17.52	17.35	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.37	17.64	17.31	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	17.54	17.61	17.31	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.56	17.45	17.46	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.70	17.52	17.34	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.54	17.36	17.38	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.51	17.69	17.46	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.52	17.71	17.28	19.0	0.0

PC2 Part27O n78 Ant0 for ENDC

BW [MHz]	Modulation	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		20.58		22.0	0.0
100	PI/2 BPSK	1	137		20.42			
100	PI/2 BPSK	1	271		20.60			
100	PI/2 BPSK	135	0		20.20		22.0	0.0
100	PI/2 BPSK	135	69		20.58		22.0	0.0
100	PI/2 BPSK	135	138		20.78		22.0	0.0
100	PI/2 BPSK	270	0		20.81			
100	QPSK	1	1		20.86		22.0	0.0
100	QPSK	1	137		20.70			
100	QPSK	1	271		20.56			
100	QPSK	135	0		20.58		22.0	0.0
100	QPSK	135	69		20.62		22.0	0.0
100	QPSK	135	138		20.36		22.0	0.0
100	QPSK	270	0		20.56			
100	16QAM	1	1		20.51		22.0	0.0
100	64QAM	1	1		20.47		22.0	0.0
100	256QAM	1	1		18.90		20.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.41	20.36	20.40	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.37	20.20	20.50	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3736	3750	3765		
70	QPSK	1	1	20.20	20.35	20.31	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.25	20.27	20.33	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.14	20.34	20.20	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.20	20.46	20.48	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.48	20.24	20.47	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.50	20.30	20.48	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.24	20.52	20.45	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.36	20.33	20.49	22.0	0.0

PC3 Part27Q n78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.95		19.0	0.0
100	PI/2 BPSK	1	137		17.84			
100	PI/2 BPSK	1	271		18.08			
100	PI/2 BPSK	135	0		18.05		19.0	0.0
100	PI/2 BPSK	135	69		18.16		19.0	0.0
100	PI/2 BPSK	135	138		17.97		19.0	0.0
100	PI/2 BPSK	270	0		17.72			
100	QPSK	1	1		18.22		19.0	0.0
100	QPSK	1	137		18.02			
100	QPSK	1	271		17.82			
100	QPSK	135	0		18.10		19.0	0.0
100	QPSK	135	69		18.20		19.0	0.0
100	QPSK	135	138		18.11		19.0	0.0
100	QPSK	270	0		18.01			
100	16QAM	1	1		17.86		19.0	0.0
100	64QAM	1	1		18.18		19.0	0.0
100	256QAM	1	1		17.74		18.5	0.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.76	17.79	17.86	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.86	17.68	17.90	19.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.94	18.04	17.75	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.05	17.78	17.97	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.79	17.83	18.01	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.75	17.88	17.99	19.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.82	17.79	18.09	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.95	17.94	17.95	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.76	17.83	17.96	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.99	18.01	17.79	19.0	0.0

PC2 Part27Q n78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.83		22.0	0.0
100	PI/2 BPSK	1	137		20.91			
100	PI/2 BPSK	1	271		20.81			
100	PI/2 BPSK	135	0		20.63		22.0	0.0
100	PI/2 BPSK	135	69		20.82		22.0	0.0
100	PI/2 BPSK	135	138		21.05		22.0	0.0
100	PI/2 BPSK	270	0		20.98			
100	QPSK	1	1		21.08		22.0	0.0
100	QPSK	1	137		20.97			
100	QPSK	1	271		20.82			
100	QPSK	135	0		20.86		22.0	0.0
100	QPSK	135	69		21.05		22.0	0.0
100	QPSK	135	138		20.86		22.0	0.0
100	QPSK	270	0		21.02			
100	16QAM	1	1		20.77		22.0	0.0
100	64QAM	1	1		20.31		22.0	0.0
100	256QAM	1	1		19.45		20.5	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.72	20.82	20.82	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.72	20.73	20.73	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.96	20.94	20.73	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.99	20.69	20.58	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.69	20.86	20.93	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.72	20.71	20.58	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.75	20.77	20.90	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.70	20.67	20.91	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.89	20.67	20.82	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.76	20.78	20.88	22.0	0.0

n5 Ant1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.65	20.69	20.52	21.5	0.0
20	PI/2 BPSK	1	53	20.67	20.71	20.57		
20	PI/2 BPSK	1	104	20.18	20.50	20.47		
20	PI/2 BPSK	50	0	20.64	20.66	20.63	21.5	0.0
20	PI/2 BPSK	50	28	20.58	20.66	20.60	21.5	0.0
20	PI/2 BPSK	50	56	20.57	20.73	20.58	21.5	0.0
20	PI/2 BPSK	100	0	20.65	20.64	20.45		
20	QPSK	1	1	20.70	20.75	20.63	21.5	0.0
20	QPSK	1	53	20.33	20.49	20.49		
20	QPSK	1	104	20.45	20.64	20.62		
20	QPSK	50	0	20.43	20.51	20.57	21.5	0.0
20	QPSK	50	28	20.64	20.70	20.60	21.5	0.0
20	QPSK	50	56	20.67	20.40	20.64	21.5	0.0
20	QPSK	100	0	20.52	20.54	20.53		
20	16QAM	1	1	20.48	20.41	20.52	21.5	0.0
20	64QAM	1	1	20.53	20.53	20.42	21.5	0.0
20	256QAM	1	1	19.89	19.89	19.82	20.5	1.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.61	20.63	20.53	21.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.25	20.45	20.39	21.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.27	20.39	20.35	21.5	0.0

PC3 Part27O n78 Ant9 for ENDC

BW [MHz]	Modulation	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		13.28		15.5	0.0
100	PI/2 BPSK	1	137		13.46			
100	PI/2 BPSK	1	271		13.32			
100	PI/2 BPSK	135	0		13.48		15.5	0.0
100	PI/2 BPSK	135	69		13.54		15.5	0.0
100	PI/2 BPSK	135	138		13.41		15.5	0.0
100	PI/2 BPSK	270	0		13.32			
100	QPSK	1	1		13.55		15.5	0.0
100	QPSK	1	137		13.48			
100	QPSK	1	271		13.27			
100	QPSK	135	0		13.36		15.5	0.0
100	QPSK	135	69		13.51		15.5	0.0
100	QPSK	135	138		13.26		15.5	0.0
100	QPSK	270	0		13.36			
100	16QAM	1	1		13.33		15.5	0.0
100	64QAM	1	1		13.29		15.5	0.0
100	256QAM	1	1		13.33		15.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.39	13.35	13.34	15.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.27	13.29	13.51	15.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.38	13.46	13.37	15.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.45	13.34	13.33	15.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.29	13.52	13.35	15.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.20	13.38	13.27	15.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.49	13.28	13.32	15.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.38	13.29	13.31	15.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.43	13.49	13.32	15.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.39	13.45	13.28	15.5	0.0

PC2 Part27O n78 Ant9 for ENDC

BW [MHz]	Modulation	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		16.53		18.5	0.0
100	PI/2 BPSK	1	137		16.59			
100	PI/2 BPSK	1	271		16.57			
100	PI/2 BPSK	135	0		16.53		18.5	0.0
100	PI/2 BPSK	135	69		16.54		18.5	0.0
100	PI/2 BPSK	135	138		16.51		18.5	0.0
100	PI/2 BPSK	270	0		16.54			
100	QPSK	1	1		16.62		18.5	0.0
100	QPSK	1	137		16.51			
100	QPSK	1	271		16.57			
100	QPSK	135	0		16.53		18.5	0.0
100	QPSK	135	69		16.55		18.5	0.0
100	QPSK	135	138		16.51		18.5	0.0
100	QPSK	270	0		16.54			
100	16QAM	1	1		16.56		18.5	0.0
100	64QAM	1	1		16.51		18.5	0.0
100	256QAM	1	1		16.51		18.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.56	16.54	16.55	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	16.58	16.54	16.56	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.55	16.55	16.51	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	16.55	16.51	16.56	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	16.56	16.59	16.57	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.54	16.51	16.55	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	16.51	16.54	16.51	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	16.54	16.58	16.51	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	16.51	16.52	16.54	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.55	16.51	16.59	18.5	0.0

PC3 Part27Q n78 Ant9 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.32		15.5	0.0
100	PI/2 BPSK	1	137		13.35			
100	PI/2 BPSK	1	271		13.42			
100	PI/2 BPSK	135	0		13.35		15.5	0.0
100	PI/2 BPSK	135	69		13.33		15.5	0.0
100	PI/2 BPSK	135	138		13.36		15.5	0.0
100	PI/2 BPSK	270	0		13.22			
100	QPSK	1	1		13.54		15.5	0.0
100	QPSK	1	137		13.41			
100	QPSK	1	271		13.29			
100	QPSK	135	0		13.34		15.5	0.0
100	QPSK	135	69		13.44		15.5	0.0
100	QPSK	135	138		13.39		15.5	0.0
100	QPSK	270	0		13.41			
100	16QAM	1	1		13.21		15.5	0.0
100	64QAM	1	1		13.31		15.5	0.0
100	256QAM	1	1		13.40		15.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	13.30	13.27	13.25	15.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	13.32	13.32	13.34	15.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	13.25	13.39	13.35	15.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	13.38	13.37	13.25	15.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	13.33	13.39	13.24	15.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	13.36	13.41	13.32	15.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	13.39	13.21	13.33	15.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	13.31	13.22	13.38	15.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	13.42	13.41	13.32	15.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	13.42	13.30	13.27	15.5	0.0

PC2 Part27Q n78 Ant9 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.55		18.5	0.0
100	PI/2 BPSK	1	137		16.57			
100	PI/2 BPSK	1	271		16.64			
100	PI/2 BPSK	135	0		16.53		18.5	0.0
100	PI/2 BPSK	135	69		16.53		18.5	0.0
100	PI/2 BPSK	135	138		16.61		18.5	0.0
100	PI/2 BPSK	270	0		16.51			
100	QPSK	1	1		16.68		18.5	0.0
100	QPSK	1	137		16.58			
100	QPSK	1	271		16.54			
100	QPSK	135	0		16.54		18.5	0.0
100	QPSK	135	69		16.57		18.5	0.0
100	QPSK	135	138		16.52		18.5	0.0
100	QPSK	270	0		16.52			
100	16QAM	1	1		16.58		18.5	0.0
100	64QAM	1	1		16.54		18.5	0.0
100	256QAM	1	1		16.53		18.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.52	16.51	16.54	18.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.51	16.52	16.59	18.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.51	16.54	16.58	18.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.59	16.56	16.56	18.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.52	16.51	16.57	18.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.51	16.51	16.55	18.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.56	16.56	16.58	18.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.53	16.56	16.57	18.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.59	16.58	16.58	18.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.51	16.57	16.51	18.5	0.0

PC3 Part27O n78 Ant10 for ENDC

BW [MHz]	Modulation	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		13.52		15.5	0.0
100	PI/2 BPSK	1	137		13.55			
100	PI/2 BPSK	1	271		13.58			
100	PI/2 BPSK	135	0		13.53		15.5	0.0
100	PI/2 BPSK	135	69		13.51		15.5	0.0
100	PI/2 BPSK	135	138		13.58		15.5	0.0
100	PI/2 BPSK	270	0		13.56			
100	QPSK	1	1		13.65		15.5	0.0
100	QPSK	1	137		13.54			
100	QPSK	1	271		13.53			
100	QPSK	135	0		13.51		15.5	0.0
100	QPSK	135	69		13.58		15.5	0.0
100	QPSK	135	138		13.51		15.5	0.0
100	QPSK	270	0		13.53			
100	16QAM	1	1		13.57		15.5	0.0
100	64QAM	1	1		13.52		15.5	0.0
100	256QAM	1	1		13.57		15.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.57	13.52	13.51	15.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.51	13.53	13.57	15.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.58	13.58	13.53	15.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.55	13.59	13.51	15.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.52	13.53	13.52	15.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.58	13.57	13.52	15.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.55	13.56	13.59	15.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.59	13.53	13.54	15.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.54	13.58	13.58	15.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.51	13.58	13.54	15.5	0.0

PC2 Part27O n78 Ant10 for ENDC

BW [MHz]	Modulation	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		16.64		18.5	0.0
100	PI/2 BPSK	1	137		16.63			
100	PI/2 BPSK	1	271		16.64			
100	PI/2 BPSK	135	0		16.62		18.5	0.0
100	PI/2 BPSK	135	69		16.62		18.5	0.0
100	PI/2 BPSK	135	138		16.62		18.5	0.0
100	PI/2 BPSK	270	0		16.65			
100	QPSK	1	1		16.68		18.5	0.0
100	QPSK	1	137		16.65			
100	QPSK	1	271		16.66			
100	QPSK	135	0		16.61		18.5	0.0
100	QPSK	135	69		16.65		18.5	0.0
100	QPSK	135	138		16.64		18.5	0.0
100	QPSK	270	0		16.64			
100	16QAM	1	1		16.67		18.5	0.0
100	64QAM	1	1		16.63		18.5	0.0
100	256QAM	1	1		16.66		18.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.54	16.54	16.53	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	16.54	16.58	16.58	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.56	16.52	16.58	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	16.56	16.54	16.51	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	16.57	16.57	16.52	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.53	16.53	16.54	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	16.52	16.55	16.51	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	16.55	16.58	16.53	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	16.56	16.51	16.55	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.51	16.57	16.59	18.5	0.0

PC3 Part27Q n78 Ant10 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.06		15.5	0.0
100	PI/2 BPSK	1	137		14.19			
100	PI/2 BPSK	1	271		14.15			
100	PI/2 BPSK	135	0		13.74		15.5	0.0
100	PI/2 BPSK	135	69		13.79		15.5	0.0
100	PI/2 BPSK	135	138		13.91		15.5	0.0
100	PI/2 BPSK	270	0		13.96			
100	QPSK	1	1		14.28		15.5	0.0
100	QPSK	1	137		14.08			
100	QPSK	1	271		13.77			
100	QPSK	135	0		13.88		15.5	0.0
100	QPSK	135	69		14.17		15.5	0.0
100	QPSK	135	138		13.96		15.5	0.0
100	QPSK	270	0		14.01			
100	16QAM	1	1		13.75		15.5	0.0
100	64QAM	1	1		14.01		15.5	0.0
100	256QAM	1	1		14.01		15.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	13.97	13.97	14.03	15.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	13.99	13.94	13.99	15.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	13.92	13.74	13.93	15.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	13.71	13.70	13.91	15.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	13.90	13.74	13.74	15.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.00	13.71	13.81	15.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	13.85	13.73	14.03	15.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	13.67	13.91	14.01	15.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	13.93	13.64	13.75	15.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	13.64	13.99	13.72	15.5	0.0

PC2 Part27Q n78 Ant10 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.57		18.5	0.0
100	PI/2 BPSK	1	137		16.55			
100	PI/2 BPSK	1	271		16.76			
100	PI/2 BPSK	135	0		16.62		18.5	0.0
100	PI/2 BPSK	135	69		16.56		18.5	0.0
100	PI/2 BPSK	135	138		16.57		18.5	0.0
100	PI/2 BPSK	270	0		16.53			
100	QPSK	1	1		16.77		18.5	0.0
100	QPSK	1	137		16.59			
100	QPSK	1	271		16.57			
100	QPSK	135	0		16.57		18.5	0.0
100	QPSK	135	69		16.73		18.5	0.0
100	QPSK	135	138		16.63		18.5	0.0
100	QPSK	270	0		16.71			
100	16QAM	1	1		16.58		18.5	0.0
100	64QAM	1	1		16.52		18.5	0.0
100	256QAM	1	1		16.53		18.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.65	16.57	16.54	18.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.55	16.56	16.57	18.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.68	16.56	16.57	18.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.54	16.63	16.51	18.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.54	16.54	16.52	18.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.69	16.64	16.54	18.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.64	16.58	16.52	18.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.54	16.64	16.52	18.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.59	16.58	16.53	18.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.64	16.59	16.53	18.5	0.0

PC3 Part27O n77 Ant11 for ENDC

BW [MHz]	Modulation	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	13.12	13.14	12.94	14.2	0.0
100	PI/2 BPSK	1	137	12.86	12.95	13.12		
100	PI/2 BPSK	1	271	13.04	13.16	13.15		
100	PI/2 BPSK	135	0	12.87	12.90	12.95	14.2	0.0
100	PI/2 BPSK	135	69	12.81	13.03	12.85	14.2	0.0
100	PI/2 BPSK	135	138	12.96	12.88	12.88	14.2	0.0
100	PI/2 BPSK	270	0	13.07	13.13	12.83		
100	QPSK	1	1	13.08	13.22	13.08	14.2	0.0
100	QPSK	1	137	13.15	13.00	12.92		
100	QPSK	1	271	12.81	12.85	13.03		
100	QPSK	135	0	12.97	13.08	12.98	14.2	0.0
100	QPSK	135	69	12.90	13.21	13.15	14.2	0.0
100	QPSK	135	138	12.82	13.06	13.05	14.2	0.0
100	QPSK	270	0	13.02	13.13	13.12		
100	16QAM	1	1	12.81	13.08	13.04	14.2	0.0
100	64QAM	1	1	12.98	13.04	13.15	14.2	0.0
100	256QAM	1	1	13.02	12.97	12.88	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	12.87	12.93	12.95	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	12.96	13.15	12.93	14.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.95	13.21	12.84	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	12.95	13.01	13.04	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	12.97	13.19	12.91	14.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.98	13.13	12.87	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	13.10	12.91	12.94	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	13.10	13.22	12.94	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	12.94	12.94	12.91	14.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	13.01	13.01	13.10	14.2	0.0

PC3 Part27Q n77 Ant11 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.28		14.2	0.0
100	PI/2 BPSK	1	137		13.11			
100	PI/2 BPSK	1	271		13.12			
100	PI/2 BPSK	135	0		12.96		14.2	0.0
100	PI/2 BPSK	135	69		13.08		14.2	0.0
100	PI/2 BPSK	135	138		12.94		14.2	0.0
100	PI/2 BPSK	270	0		13.09			
100	QPSK	1	1		13.38		14.2	0.0
100	QPSK	1	137		13.19			
100	QPSK	1	271		13.02			
100	QPSK	135	0		13.20		14.2	0.0
100	QPSK	135	69		13.22		14.2	0.0
100	QPSK	135	138		13.16		14.2	0.0
100	QPSK	270	0		13.14			
100	16QAM	1	1		12.95		14.2	0.0
100	64QAM	1	1		13.13		14.2	0.0
100	256QAM	1	1		13.27		14.2	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	13.17	13.15	13.34	14.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	13.19	13.12	13.24	14.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	13.02	13.20	13.11	14.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	13.14	13.07	13.06	14.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	13.21	13.12	13.25	14.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	13.13	13.16	13.18	14.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	13.12	13.16	13.32	14.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	13.07	13.11	13.06	14.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	13.14	13.15	13.21	14.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	13.10	13.31	13.18	14.2	0.0

PC3 Part27O n78 Ant11 for ENDC

BW [MHz]	Modulation	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		13.32		14.5	0.0
100	PI/2 BPSK	1	137		13.21			
100	PI/2 BPSK	1	271		13.07			
100	PI/2 BPSK	135	0		13.01		14.5	0.0
100	PI/2 BPSK	135	69		13.21		14.5	0.0
100	PI/2 BPSK	135	138		13.20		14.5	0.0
100	PI/2 BPSK	270	0		13.19			
100	QPSK	1	1		13.35		14.5	0.0
100	QPSK	1	137		13.28			
100	QPSK	1	271		13.08			
100	QPSK	135	0		13.28		14.5	0.0
100	QPSK	135	69		13.29		14.5	0.0
100	QPSK	135	138		13.28		14.5	0.0
100	QPSK	270	0		13.11			
100	16QAM	1	1		13.18		14.5	0.0
100	64QAM	1	1		13.29		14.5	0.0
100	256QAM	1	1		13.34		14.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.15	13.24	13.25	14.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.24	13.24	13.30	14.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.15	13.17	13.23	14.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.17	13.19	13.25	14.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.20	13.14	13.25	14.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.19	13.09	13.30	14.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.20	13.23	13.29	14.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.14	13.27	13.21	14.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.15	13.29	13.17	14.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.18	13.18	13.33	14.5	0.0

PC2 Part27O n78 Ant11 for ENDC

BW [MHz]	Modulation	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		15.92		17.5	0.0
100	PI/2 BPSK	1	137		16.03			
100	PI/2 BPSK	1	271		16.12			
100	PI/2 BPSK	135	0		15.94		17.5	0.0
100	PI/2 BPSK	135	69		16.12		17.5	0.0
100	PI/2 BPSK	135	138		15.96		17.5	0.0
100	PI/2 BPSK	270	0		16.11			
100	QPSK	1	1		16.25		17.5	0.0
100	QPSK	1	137		16.05			
100	QPSK	1	271		16.11			
100	QPSK	135	0		15.93		17.5	0.0
100	QPSK	135	69		16.18		17.5	0.0
100	QPSK	135	138		15.97		17.5	0.0
100	QPSK	270	0		16.01			
100	16QAM	1	1		15.90		17.5	0.0
100	64QAM	1	1		16.04		17.5	0.0
100	256QAM	1	1		15.93		17.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.12	16.08	16.11	17.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.14	16.06	16.01	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.07	16.12	16.14	17.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.19	16.04	15.92	17.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.07	16.00	16.09	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.15	16.07	15.94	17.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.14	16.05	16.11	17.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.00	16.05	16.07	17.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.13	16.13	16.09	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.04	16.07	16.08	17.5	0.0

PC3 Part27Q n78 Ant11 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.39		14.5	0.0
100	PI/2 BPSK	1	137		13.43			
100	PI/2 BPSK	1	271		13.48			
100	PI/2 BPSK	135	0		13.38		14.5	0.0
100	PI/2 BPSK	135	69		13.25		14.5	0.0
100	PI/2 BPSK	135	138		13.46		14.5	0.0
100	PI/2 BPSK	270	0		13.42			
100	QPSK	1	1		13.50		14.5	0.0
100	QPSK	1	137		13.38			
100	QPSK	1	271		13.47			
100	QPSK	135	0		13.42		14.5	0.0
100	QPSK	135	69		13.46		14.5	0.0
100	QPSK	135	138		13.43		14.5	0.0
100	QPSK	270	0		13.45			
100	16QAM	1	1		13.38		14.5	0.0
100	64QAM	1	1		13.43		14.5	0.0
100	256QAM	1	1		13.46		14.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	13.36	13.20	13.25	14.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	13.47	13.24	13.22	14.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	13.41	13.25	13.24	14.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	13.25	13.48	13.41	14.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	13.41	13.40	13.48	14.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	13.42	13.40	13.44	14.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	13.23	13.21	13.20	14.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	13.44	13.44	13.40	14.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	13.41	13.37	13.22	14.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	13.49	13.21	13.23	14.5	0.0

PC2 Part27Q n78 Ant11 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.49		17.5	0.0
100	PI/2 BPSK	1	137		16.40			
100	PI/2 BPSK	1	271		16.32			
100	PI/2 BPSK	135	0		16.41		17.5	0.0
100	PI/2 BPSK	135	69		16.30		17.5	0.0
100	PI/2 BPSK	135	138		16.45		17.5	0.0
100	PI/2 BPSK	270	0		16.30			
100	QPSK	1	1		16.54		17.5	0.0
100	QPSK	1	137		16.45			
100	QPSK	1	271		16.43			
100	QPSK	135	0		16.40		17.5	0.0
100	QPSK	135	69		16.41		17.5	0.0
100	QPSK	135	138		16.40		17.5	0.0
100	QPSK	270	0		16.39			
100	16QAM	1	1		16.39		17.5	0.0
100	64QAM	1	1		16.34		17.5	0.0
100	256QAM	1	1		16.36		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.28	16.33	16.34	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.30	16.48	16.35	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.34	16.45	16.32	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.29	16.44	16.37	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.20	16.34	16.22	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.45	16.31	16.43	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.37	16.43	16.48	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.39	16.44	16.43	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.36	16.46	16.35	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.34	16.37	16.53	17.5	0.0

WLAN/Bluetooth Power

Ant 15+16 /full power/Body-worn&Hotspot						for Head Standalone		for Head Simultaneous		
	Mode	Channel	Frequency (MHz)	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	19.44	21.00	17.52	19.00	15.07	16.50	97.86
		6	2437	19.41	21.00	17.55	19.00	15.11	16.50	
		11	2462	19.56	21.50	17.63	19.50	15.21	17.00	
	802.11g 6Mbps	1	2412	18.85	20.50	Not Required	19.00	Not Required	16.50	99.32
		6	2437	18.97	20.50		19.00		16.50	
		10	2457	17.35	19.00		18.00		16.50	
		11	2462	16.04	18.00		18.00		16.50	
	802.11n-HT20 MCS0	1	2412	17.54	19.50		19.00		16.50	100.00
		6	2437	18.16	20.00		19.00		16.50	
		11	2462	16.78	18.50		18.50		16.50	
	802.11n-HT40 MCS0	3	2422	15.20	17.00		17.00		16.50	100.00
		6	2437	15.70	17.50		17.50		16.50	
		9	2452	13.99	15.50		15.50		15.50	
	802.11ax-HE20 MCS0	1	2412	17.75	19.50		19.00		16.50	100.00
		6	2437	18.33	20.00		19.00		16.50	
		11	2462	16.91	18.50		18.50		16.50	
	802.11ax-HE40 MCS0	3	2422	15.26	17.00		17.00		16.50	100.00
		6	2437	15.78	17.50		17.50		16.50	
		9	2452	14.05	16.00		16.00		16.00	

Ant 16+17 /full power						for Head Standalone		for Head Simultaneous		for Body Standalone&Simultaneous for Handheld Standalone		for Hotspot Standalone		for Hotspot 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 %
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.53	19.00	Not Required	16.00	Not Required	13.00	Not Required	18.50	Not Required	19.00	Not Required	17.00	99.32
		40	5200	21.07	22.50		16.00		13.00		18.50		19.50		17.00	
		44	5220	22.00	23.50		16.00		13.00		18.50		19.50		17.00	
		48	5240	21.36	23.00		16.00		13.00		18.50		19.50		17.00	
	802.11n-HT20 MCS0	36	5180	19.95	21.50		16.00		13.00		18.50		19.50		17.00	100.00
		40	5200	21.04	22.50		16.00		13.00		18.50		19.50		17.00	
		44	5220	20.75	22.50		16.00		13.00		18.50		19.50		17.00	
		48	5240	20.74	22.50		16.00		13.00		18.50		19.50		17.00	
	802.11n-HT40 MCS0	38	5190	17.91	19.50		16.00		13.00		18.50	17.91	19.50		17.00	100.00
		46	5230	19.80	21.50		16.00		13.00		18.50	19.80	21.50		17.00	
	802.11ac-VHT20 MCS0	36	5180	19.99	21.50		16.00		13.00		18.50	Not Required	19.50		17.00	100.00
		40	5200	21.10	22.50		16.00		13.00		18.50		19.50		17.00	
		44	5220	20.89	22.50		16.00		13.00		18.50		19.50		17.00	
		48	5240	20.82	22.50		16.00		13.00		18.50		19.50		17.00	
	802.11ac-VHT40 MCS0	38	5190	17.95	19.50		16.00		13.00		18.50		19.50		17.00	100.00
		46	5230	19.88	21.50		16.00		13.00		18.50		19.50		17.00	
	802.11ac-VHT80 MCS0	42	5210	17.39	19.00	14.54	16.00	11.32	13.00	17.05	18.50		19.00	15.41	17.00	100.00
	802.11ax-HE20 MCS0	36	5180	20.04	21.50	Not Required	16.00	Not Required	13.00	Not Required	18.50		19.50	Not Required	17.00	100.00
		40	5200	21.13	22.50		16.00		13.00		18.50		19.50		17.00	
		44	5220	20.93	22.50		16.00		13.00		18.50		19.50		17.00	
		48	5240	20.86	22.50		16.00		13.00		18.50		19.50		17.00	
	802.11ax-HE40 MCS0	38	5190	17.99	19.50		16.00		13.00		18.50		19.50		17.00	100.00
		46	5230	19.95	21.50		16.00		13.00		18.50		19.50		17.00	
	802.11ax-HE80 MCS0	42	5210	17.44	19.00		16.00		13.00		18.50		19.00		17.00	100.00

Ant 16+17 /full power						for Head Standalone		for Head Simultaneous		for Body Standalone&Simultaneous for Handheld Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	21.96	23.00	Not Required	17.50	Not Required	13.50	Not Required	19.00	99.32
		56	5280	22.47	23.50		17.50		13.50		19.00	
		60	5300	20.88	22.00		17.50		13.50		19.00	
		64	5320	17.82	19.00		17.50		13.50		19.00	
	802.11n-HT20 MCS0	52	5260	21.12	22.50		17.50		13.50		19.00	100.00
		56	5280	21.26	22.50		17.50		13.50		19.00	
		60	5300	20.99	22.50		17.50		13.50		19.00	
		64	5320	19.06	20.50		17.50		13.50		19.00	
	802.11n-HT40 MCS0	54	5270	19.94	21.50		17.50		13.50		19.00	100.00
		62	5310	18.36	20.00		17.50		13.50		19.00	
	802.11ac-VHT20 MCS0	52	5260	21.20	22.50		17.50		13.50		19.00	100.00
		56	5280	21.30	22.50		17.50		13.50		19.00	
		60	5300	21.10	22.50		17.50		13.50		19.00	
		64	5320	19.11	20.50		17.50		13.50		19.00	
	802.11ac-VHT40 MCS0	54	5270	19.99	21.50		17.50		13.50		19.00	100.00
		62	5310	18.40	20.00		17.50		13.50		19.00	
	802.11ac-VHT80 MCS0	58	5290	17.65	19.50	15.85	17.50	11.72	13.50	17.38	19.00	100.00
	802.11ac-VHT160 MCS0	50	5250	17.76	19.50		17.50		13.50		19.00	100.00
	802.11ax-HE20 MCS0	52	5260	21.26	22.50		17.50		13.50		19.00	100.00
		56	5280	21.36	22.50		17.50		13.50		19.00	
		60	5300	21.15	22.50		17.50		13.50		19.00	
		64	5320	19.16	20.50		17.50		13.50		19.00	
	802.11ax-HE40 MCS0	54	5270	20.11	21.50		17.50		13.50		19.00	100.00
		62	5310	18.45	20.00		17.50		13.50		19.00	
	802.11ax-HE80 MCS0	58	5290	17.70	19.50		17.50		13.50		19.00	100.00
	802.11ax-HE160 MCS0	50	5250	17.81	19.50		17.50		13.50		19.00	100.00

Ant 16+17 /full power						for Head Standalone		for Head Simultaneous		for Body Standalone&Simultaneous for Handheld Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	16.90	18.50	Not Required	16.00	Not Required	12.00	Not Required	18.00	99.32
		116	5580	21.59	23.50		16.00		12.00		18.00	
		124	5620	21.44	23.00		16.00		12.00		18.00	
		132	5660	21.43	23.00		16.00		12.00		18.00	
		140	5700	21.38	23.00		16.00		12.00		18.00	
		144	5720	21.41	23.00		16.00		12.00		18.00	
	802.11n-HT20 MCS0	100	5500	19.22	21.00		16.00		12.00		18.00	100.00
		116	5580	20.43	22.00		16.00		12.00		18.00	
		124	5620	20.36	22.00		16.00		12.00		18.00	
		132	5660	20.32	22.00		16.00		12.00		18.00	
		140	5700	19.20	21.00		16.00		12.00		18.00	
		144	5720	20.29	22.00		16.00		12.00		18.00	
	802.11n-HT40 MCS0	102	5510	19.36	21.00		16.00		12.00		18.00	100.00
		110	5550	19.29	21.00		16.00		12.00		18.00	
		126	5630	19.25	21.00		16.00		12.00		18.00	
		134	5670	19.24	21.00		16.00		12.00		18.00	
		142	5710	19.27	21.00		16.00		12.00		18.00	
	802.11ac-VHT20 MCS0	100	5500	19.26	21.00		16.00		12.00		18.00	100.00
		116	5580	20.50	22.00		16.00		12.00		18.00	
		124	5620	20.41	22.00		16.00		12.00		18.00	
		132	5660	20.38	22.00		16.00		12.00		18.00	
		140	5700	19.23	21.00		16.00		12.00		18.00	
		144	5720	20.34	22.00		16.00		12.00		18.00	
	802.11ac-VHT40 MCS0	102	5510	19.40	21.00		16.00		12.00		18.00	100.00
		110	5550	19.35	21.00		16.00		12.00		18.00	
		126	5630	19.30	21.00		16.00		12.00		18.00	
		134	5670	19.27	21.00		16.00		12.00		18.00	
		142	5710	19.31	21.00		16.00		12.00		18.00	
	802.11ac-VHT80 MCS0	106	5530	18.30	20.00	14.35	16.00	10.34	12.00	16.38	18.00	100.00
		122	5610	18.25	20.00	14.32	16.00	10.30	12.00	16.35	18.00	
		138	5690	18.15	20.00	14.28	16.00	10.28	12.00	16.26	18.00	
	802.11ac-VHT160 MCS0	114	5570	17.66	19.50	Not Required	16.00	Not Required	12.00	Not Required	18.00	100.00
	802.11ax-HE20 MCS0	100	5500	19.31	21.00		16.00		12.00		18.00	100.00
		116	5580	20.54	22.50		16.00		12.00		18.00	
		124	5620	20.45	22.00		16.00		12.00		18.00	
		132	5660	20.41	22.00		16.00		12.00		18.00	
		140	5700	19.28	21.00		16.00		12.00		18.00	
		144	5720	20.39	22.00		16.00		12.00		18.00	
	802.11ax-HE40 MCS0	102	5510	19.44	21.00		16.00		12.00		18.00	100.00
		110	5550	19.49	21.00		16.00		12.00		18.00	
		126	5630	19.34	21.00		16.00		12.00		18.00	
		134	5670	19.30	21.00		16.00		12.00		18.00	
		142	5710	19.35	21.00		16.00		12.00		18.00	
	802.11ax-HE80 MCS0	106	5530	18.35	20.00		16.00		12.00		18.00	100.00
		122	5610	18.28	20.00		16.00		12.00		18.00	
		138	5690	18.22	20.00		16.00		12.00		18.00	
	802.11ax-HE160 MCS0	114	5570	17.70	19.50		16.00		12.00		18.00	100.00

Ant 16+17 /full power						for Head Standalone		for Head Simultaneous		for Body Standalone&Simultaneous		for Hotspot Standalone		for Hotspot 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	21.45	23.00	Not Required	18.00	Not Required	14.00	Not Required	20.00	21.01	22.50	Not Required	15.50	99.32
		157	5785	21.36	23.00		18.00		14.00		20.00	20.89	22.50		15.50	
		165	5825	21.20	23.00		18.00		14.00		20.00	20.78	22.50		15.50	
	802.11n-HT20 MCS0	149	5745	20.33	22.00		18.00		14.00		20.00	Not Required	22.00		15.50	100.00
		157	5785	20.19	22.00		18.00		14.00		20.00		22.00		15.50	
		165	5825	20.08	22.00		18.00		14.00		20.00		22.00		15.50	
	802.11n-HT40 MCS0	151	5755	19.28	21.00		18.00		14.00		20.00		21.00		15.50	100.00
		159	5795	19.13	21.00		18.00		14.00		20.00		21.00		15.50	
	802.11ac-VHT20 MCS0	149	5745	20.37	22.00		18.00		14.00		20.00		22.00		15.50	100.00
		157	5785	20.25	22.00		18.00		14.00		20.00		22.00		15.50	
		165	5825	20.11	22.00		18.00		14.00		20.00		22.00		15.50	
	802.11ac-VHT40 MCS0	151	5755	19.32	21.00		18.00		14.00		20.00		21.00		15.50	100.00
		159	5795	19.17	21.00		18.00		14.00		20.00		21.00		15.50	
	802.11ac-VHT80 MCS0	155	5775	18.04	20.00	16.12	18.00	12.18	14.00	18.04	20.00		20.00	13.76	15.50	100.00
	802.11ax-HE20 MCS0	149	5745	20.40	22.00	Not Required	18.00	Not Required	14.00	Not Required	20.00		22.00	Not Required	15.50	100.00
		157	5785	20.29	22.00		18.00		14.00		20.00		22.00		15.50	
		165	5825	20.15	22.00		18.00		14.00		20.00		22.00		15.50	
	802.11ax-HE40 MCS0	151	5755	19.35	21.00		18.00		14.00		20.00		21.00		15.50	100.00
		159	5795	19.21	21.00		18.00		14.00		20.00		21.00		15.50	
	802.11ax-HE80 MCS0	155	5775	18.10	20.00		18.00		14.00		20.00		20.00		15.50	100.00

BT BR/EDR Ant15

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	14.12	13.19	13.24
	CH 39	2441	14.70	13.88	13.72
	CH 78	2480	14.18	13.47	13.05
Tune-up Limit			16.00	15.50	15.50

BT BR/EDR Ant16

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	14.29	13.99	13.65
	CH 39	2441	15.28	14.52	14.12
	CH 78	2480	14.66	13.67	13.24
Tune-up Limit			16.00	15.50	15.50

BLE_1M Ant15

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	7.47
	CH 19	2440	8.50
	CH 39	2480	7.85
Tune-up Limit			9

BLE_1M Ant16

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	9.41
	CH 19	2440	9.53
	CH 39	2480	8.14
Tune-up Limit			10

BLE_2M Ant15

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	7.31	
	CH 19	2440	8.41	
	CH 39	2480	7.84	
Tune-up Limit			9	

BLE_2M Ant16

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	9.24	
	CH 19	2440	9.30	
	CH 39	2480	8.02	
Tune-up Limit			10	