Default Power for Main PA for WWAN

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	32.87	32.91	32.84	33.50	23.87	23.91	23.84	24.50
GPRS 1 Tx slot	32.76	32.82	32.70	33.50	23.76	23.82	23.70	24.50
GPRS 2 Tx slots	31.81	31.87	31.73	32.50	25.81	25.87	25.73	26.50
GPRS 3 Tx slots	29.99	30.09	29.98	31.00	25.73	25.83	25.72	26.74
GPRS 4 Tx slots	28.87	28.98	28.87	30.00	25.87	25.98	25.87	27.00
EDGE 1 Tx slot	27.19	27.24	27.20	28.50	18.19	18.24	18.20	19.50
EDGE 2 Tx slots	26.06	26.18	26.06	27.50	20.06	20.18	20.06	21.50
EDGE 3 Tx slots	24.06	24.20	24.10	25.50	19.80	19.94	19.84	21.24
EDGE 4 Tx slots	22.74	22.86	22.82	24.00	19.74	19.86	19.82	21.00

GSM1900 Ant1 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	29.12	29.19	29.02	30.50	20.12	20.19	20.02	21.50
GPRS 1 Tx slot	29.07	29.09	29.00	30.50	20.07	20.09	20.00	21.50
GPRS 2 Tx slots	28.35	28.41	28.28	29.50	22.35	22.41	22.28	23.50
GPRS 3 Tx slots	26.69	26.71	26.62	28.00	22.43	22.45	22.36	23.74
GPRS 4 Tx slots	25.61	25.69	25.67	27.00	22.61	22.69	22.67	24.00
EDGE 1 Tx slot	25.53	25.61	25.58	27.00	16.53	16.61	16.58	18.00
EDGE 2 Tx slots	24.50	24.66	24.55	26.00	18.50	18.66	18.55	20.00
EDGE 3 Tx slots	22.47	22.55	22.40	24.00	18.21	18.29	18.14	19.74
EDGE 4 Tx slots	21.11	21.20	21.17	22.50	18.11	18.20	18.17	19.50

		WCDMA II Ant1 Default				WCDMA IV Ant1 Default				WCDMA V Ant1 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.05	23.20	23.09	24.00	22.90	23.13	23.01	24.00	22.92	23.06	22.97	24.00
3GPP Rel 99	RMC 12.2Kbps	23.10	23.23	23.20	24.00	23.00	23.17	23.08	24.00	23.03	23.12	23.10	24.00
3GPP Rel 6	HSDPA Subtest-1	22.17	22.23	22.13	23.00	22.05	22.19	22.02	23.00	22.05	22.16	22.05	23.00
3GPP Rel 6	HSDPA Subtest-2	22.02	22.07	22.14	23.00	21.95	22.03	22.09	23.00	21.90	21.96	21.97	23.00
3GPP Rel 6	HSDPA Subtest-3	21.55	21.63	21.46	22.50	21.41	21.50	21.32	22.50	21.40	21.54	21.36	22.50
3GPP Rel 6	HSDPA Subtest-4	21.68	21.69	21.53	22.50	21.60	21.66	21.48	22.50	21.55	21.56	21.43	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.33	22.22	22.08	23.00	22.28	22.09	21.97	23.00	22.16	22.10	22.02	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.87	22.09	21.91	23.00	21.79	22.02	21.79	23.00	21.77	21.96	21.84	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.48	21.40	21.33	22.50	21.37	21.26	21.28	22.50	21.33	21.33	21.18	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.49	21.61	21.47	22.50	21.38	21.48	21.35	22.50	21.33	21.45	21.40	22.50
3GPP Rel 6	HSUPA Subtest-1	22.31	22.39	22.00	23.00	22.26	22.33	21.94	23.00	22.16	22.22	21.94	23.00
3GPP Rel 6	HSUPA Subtest-2	20.10	20.31	20.26	21.00	19.99	20.26	20.13	21.00	20.04	20.24	20.17	21.00
3GPP Rel 6	HSUPA Subtest-3	21.29	21.30	21.14	22.00	21.22	21.21	21.07	22.00	21.18	21.14	21.01	22.00
3GPP Rel 6	HSUPA Subtest-4	20.14	20.09	20.12	21.00	20.00	20.06	20.07	21.00	20.07	19.95	19.96	21.00
3GPP Rel 6	HSUPA Subtest-5	22.08	22.05	22.00	23.00	22.05	21.99	21.88	23.00	21.93	21.90	21.85	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.56	19.73	19.64	20.50	19.45	19.65	19.59	20.50	19.43	19.62	19.48	20.50

Band 2 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.49	22.56	22.43	24	0
20	QPSK	1	49	22.43	22.50	22.43		
20	QPSK	1	99	22.23	22.39	22.29		
20	QPSK	50	0	21.46	21.58	21.42	23	1
20	QPSK	50	24	21.49	21.57	21.43		
20	QPSK	50	50	21.27	21.46	21.24		
20	QPSK	100	0	21.28	21.41	21.31		
20	16QAM	1	0	21.38	21.44	21.21	23	1
20	16QAM	1	49	21.32	21.42	21.28		
20	16QAM	1	99	21.32	21.44	21.34		
20	16QAM	50	0	20.38	20.51	20.41	22	2
20	16QAM	50	24	20.41	20.53	20.46		
20	16QAM	50	50	20.33	20.47	20.27		
20	16QAM	100	0	20.27	20.48	20.24		
20	64QAM	1	0	20.47	20.53	20.46	22	2
20	64QAM	1	49	20.55	20.63	20.57		
20	64QAM	1	99	20.36	20.45	20.36		
20	64QAM	50	0	19.45	19.62	19.57	21	3
20	64QAM	50	24	19.56	19.65	19.52		
20	64QAM	50	50	19.52	19.52	19.49		
20	64QAM	100	0	19.55	19.60	19.53		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.45	22.49	22.38	24	0
15	QPSK	1	37	22.34	22.40	22.38		
15	QPSK	1	74	22.15	22.36	22.23		
15	QPSK	36	0	21.34	21.48	21.37	23	1
15	QPSK	36	20	21.44	21.47	21.39		
15	QPSK	36	39	21.14	21.42	21.10		
15	QPSK	75	0	21.14	21.30	21.18		
15	16QAM	1	0	21.30	21.36	21.12	23	1
15	16QAM	1	37	21.29	21.32	21.17		
15	16QAM	1	74	21.17	21.31	21.27		
15	16QAM	36	0	20.27	20.43	20.27	22	2
15	16QAM	36	20	20.35	20.40	20.33		
15	16QAM	36	39	20.25	20.44	20.20		
15	16QAM	75	0	20.21	20.37	20.20		
15	64QAM	1	0	20.34	20.45	20.41	22	2
15	64QAM	1	37	20.42	20.48	20.49		
15	64QAM	1	74	20.23	20.36	20.24		
15	64QAM	36	0	19.34	19.55	19.53	21	3
15	64QAM	36	20	19.46	19.58	19.47		
15	64QAM	36	39	19.37	19.49	19.45		
15	64QAM	75	0	19.52	19.46	19.44		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.34	22.43	22.29	24	0
10	QPSK	1	25	22.35	22.42	22.31		
10	QPSK	1	49	22.09	22.26	22.22		
10	QPSK	25	0	21.36	21.45	21.34	23	1
10	QPSK	25	12	21.39	21.50	21.37		
10	QPSK	25	25	21.15	21.42	21.18		
10	QPSK	50	0	21.13	21.32	21.22		
10	16QAM	1	0	21.27	21.35	21.09	23	1
10	16QAM	1	25	21.18	21.31	21.19		
10	16QAM	1	49	21.26	21.32	21.20		
10	16QAM	25	0	20.31	20.48	20.36	22	2
10	16QAM	25	12	20.38	20.39	20.38		
10	16QAM	25	25	20.18	20.42	20.17		
10	16QAM	50	0	20.13	20.44	20.18		
10	64QAM	1	0	20.40	20.47	20.37	22	2
10	64QAM	1	25	20.42	20.57	20.47		
10	64QAM	1	49	20.22	20.32	20.27		
10	64QAM	25	0	19.39	19.48	19.51	21	3
10	64QAM	25	12	19.42	19.57	19.42		
10	64QAM	25	25	19.41	19.42	19.43		
10	64QAM	50	0	19.43	19.46	19.48		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.42	22.52	22.31	24	0
5	QPSK	1	12	22.32	22.36	22.35		
5	QPSK	1	24	22.19	22.27	22.17		
5	QPSK	12	0	21.40	21.55	21.28	23	1
5	QPSK	12	7	21.35	21.45	21.33		
5	QPSK	12	13	21.20	21.38	21.15		
5	QPSK	25	0	21.17	21.29	21.17		
5	16QAM	1	0	21.33	21.32	21.09	23	1
5	16QAM	1	12	21.26	21.38	21.17		
5	16QAM	1	24	21.20	21.36	21.24		
5	16QAM	12	0	20.23	20.41	20.37	22	2
5	16QAM	12	7	20.27	20.48	20.38		
5	16QAM	12	13	20.24	20.37	20.21		
5	16QAM	25	0	20.20	20.40	20.18		
5	64QAM	1	0	20.37	20.49	20.41	22	2
5	64QAM	1	12	20.47	20.49	20.52		
5	64QAM	1	24	20.24	20.31	20.29		
5	64QAM	12	0	19.37	19.52	19.51	21	3
5	64QAM	12	7	19.52	19.55	19.41		
5	64QAM	12	13	19.37	19.37	19.44		
5	64QAM	25	0	19.43	19.49	19.42		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.36	22.50	22.40	24	0
3	QPSK	1	8	22.39	22.41	22.36		
3	QPSK	1	14	22.10	22.35	22.19		
3	QPSK	8	0	21.32	21.48	21.37	23	1
3	QPSK	8	4	21.37	21.51	21.37		
3	QPSK	8	7	21.12	21.38	21.12		
3	QPSK	15	0	21.20	21.38	21.21		
3	16QAM	1	0	21.26	21.38	21.18	23	1
3	16QAM	1	8	21.26	21.34	21.13		
3	16QAM	1	14	21.24	21.41	21.24		
3	16QAM	8	0	20.34	20.47	20.37	22	2
3	16QAM	8	4	20.37	20.45	20.40		
3	16QAM	8	7	20.24	20.37	20.12		
3	16QAM	15	0	20.24	20.43	20.15		
3	64QAM	1	0	20.38	20.38	20.33	22	2
3	64QAM	1	8	20.46	20.56	20.48		
3	64QAM	1	14	20.27	20.41	20.23		
3	64QAM	8	0	19.35	19.50	19.44	21	3
3	64QAM	8	4	19.47	19.54	19.46		
3	64QAM	8	7	19.39	19.47	19.38		
3	64QAM	15	0	19.44	19.48	19.39		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.37	22.40	22.28	24	0
1.4	QPSK	1	3	22.28	22.38	22.33		
1.4	QPSK	1	5	22.15	22.31	22.17		
1.4	QPSK	3	0	22.14	22.36	22.24		
1.4	QPSK	3	1	22.33	22.39	22.27		
1.4	QPSK	3	3	22.14	22.38	22.33		
1.4	QPSK	6	0	21.34	21.49	21.35	23	1
1.4	16QAM	1	0	21.42	21.44	21.39	23	1
1.4	16QAM	1	3	21.31	21.37	21.26		
1.4	16QAM	1	5	21.19	21.35	21.33		
1.4	16QAM	3	0	21.27	21.27	21.14		
1.4	16QAM	3	1	21.12	21.16	21.24		
1.4	16QAM	3	3	21.18	21.26	21.29		
1.4	16QAM	6	0	20.33	20.38	20.32	22	2
1.4	64QAM	1	0	20.37	20.52	20.34	22	2
1.4	64QAM	1	3	20.36	20.30	20.19		
1.4	64QAM	1	5	20.26	20.35	20.15		
1.4	64QAM	3	0	20.45	20.50	20.37		
1.4	64QAM	3	1	20.47	20.42	20.53		
1.4	64QAM	3	3	20.22	20.37	20.27		
1.4	64QAM	6	0	19.48	19.54	19.52	21	3

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.35	22.46	22.42	24	0
20	QPSK	1	49	22.28	22.31	22.24		
20	QPSK	1	99	22.21	22.27	22.14		
20	QPSK	50	0	21.29	21.43	21.30	23	1
20	QPSK	50	24	21.28	21.40	21.34		
20	QPSK	50	50	21.35	21.41	21.27		
20	QPSK	100	0	21.29	21.42	21.34		
20	16QAM	1	0	21.26	21.32	21.27	23	1
20	16QAM	1	49	21.27	21.37	21.27		
20	16QAM	1	99	21.25	21.36	21.23		
20	16QAM	50	0	20.42	20.57	20.49	22	2
20	16QAM	50	24	20.42	20.53	20.42		
20	16QAM	50	50	20.40	20.51	20.39		
20	16QAM	100	0	20.39	20.53	20.48		
20	64QAM	1	0	20.50	20.55	20.52	22	2
20	64QAM	1	49	20.55	20.68	20.62		
20	64QAM	1	99	20.47	20.57	20.46		
20	64QAM	50	0	19.41	19.53	19.46	21	3
20	64QAM	50	24	19.47	19.55	19.41		
20	64QAM	50	50	19.38	19.53	19.40		
20	64QAM	100	0	19.49	19.52	19.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.32	22.33	22.31	24	0
15	QPSK	1	37	22.14	22.25	22.20		
15	QPSK	1	74	22.08	22.21	22.06		
15	QPSK	36	0	21.19	21.32	21.24	23	1
15	QPSK	36	20	21.16	21.26	21.27		
15	QPSK	36	39	21.30	21.33	21.21		
15	QPSK	75	0	21.20	21.38	21.22		
15	16QAM	1	0	21.23	21.17	21.20	23	1
15	16QAM	1	37	21.22	21.29	21.18		
15	16QAM	1	74	21.11	21.25	21.17		
15	16QAM	36	0	20.29	20.49	20.44	22	2
15	16QAM	36	20	20.34	20.39	20.36		
15	16QAM	36	39	20.33	20.42	20.33		
15	16QAM	75	0	20.28	20.50	20.38		
15	64QAM	1	0	20.44	20.46	20.42	22	2
15	64QAM	1	37	20.51	20.63	20.50		
15	64QAM	1	74	20.40	20.45	20.36		
15	64QAM	36	0	19.29	19.49	19.35	21	3
15	64QAM	36	20	19.41	19.43	19.29		
15	64QAM	36	39	19.26	19.44	19.35		
15	64QAM	75	0	19.41	19.42	19.30		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.30	22.38	22.35	24	0
10	QPSK	1	25	22.21	22.16	22.12		
10	QPSK	1	49	22.09	22.18	22.07		
10	QPSK	25	0	21.22	21.34	21.19	23	1
10	QPSK	25	12	21.15	21.36	21.24		
10	QPSK	25	25	21.27	21.27	21.13		
10	QPSK	50	0	21.23	21.30	21.27		
10	16QAM	1	0	21.14	21.28	21.23	23	1
10	16QAM	1	25	21.21	21.31	21.24		
10	16QAM	1	49	21.11	21.27	21.11		
10	16QAM	25	0	20.36	20.48	20.34	22	2
10	16QAM	25	12	20.35	20.41	20.36		
10	16QAM	25	25	20.27	20.38	20.34		
10	16QAM	50	0	20.25	20.39	20.37		
10	64QAM	1	0	20.44	20.40	20.37	22	2
10	64QAM	1	25	20.42	20.57	20.50		
10	64QAM	1	49	20.32	20.50	20.32		
10	64QAM	25	0	19.37	19.45	19.41	21	3
10	64QAM	25	12	19.34	19.46	19.37		
10	64QAM	25	25	19.29	19.47	19.30		
10	64QAM	50	0	19.37	19.43	19.34		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.22	22.41	22.31	24	0
5	QPSK	1	12	22.22	22.27	22.20		
5	QPSK	1	24	22.16	22.13	22.06		
5	QPSK	12	0	21.22	21.33	21.23	23	1
5	QPSK	12	7	21.22	21.25	21.21		
5	QPSK	12	13	21.21	21.30	21.23		
5	QPSK	25	0	21.16	21.33	21.23		
5	16QAM	1	0	21.20	21.26	21.13	23	1
5	16QAM	1	12	21.18	21.32	21.24		
5	16QAM	1	24	21.13	21.31	21.12		
5	16QAM	12	0	20.31	20.48	20.41	22	2
5	16QAM	12	7	20.36	20.48	20.32		
5	16QAM	12	13	20.29	20.39	20.27		
5	16QAM	25	0	20.28	20.41	20.41		
5	64QAM	1	0	20.42	20.45	20.39	22	2
5	64QAM	1	12	20.47	20.65	20.51		
5	64QAM	1	24	20.32	20.43	20.34		
5	64QAM	12	0	19.33	19.47	19.41	21	3
5	64QAM	12	7	19.42	19.45	19.36		
5	64QAM	12	13	19.33	19.41	19.33		
5	64QAM	25	0	19.36	19.39	19.30		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.22	22.32	22.37	24	0
3	QPSK	1	8	22.22	22.26	22.21		
3	QPSK	1	14	22.08	22.15	22.07		
3	QPSK	8	0	21.17	21.34	21.16	23	1
3	QPSK	8	4	21.17	21.37	21.28		
3	QPSK	8	7	21.31	21.27	21.23		
3	QPSK	15	0	21.22	21.28	21.21		
3	16QAM	1	0	21.16	21.23	21.21	23	1
3	16QAM	1	8	21.22	21.23	21.13		
3	16QAM	1	14	21.16	21.28	21.08		
3	16QAM	8	0	20.32	20.48	20.40	22	2
3	16QAM	8	4	20.33	20.41	20.29		
3	16QAM	8	7	20.26	20.46	20.35		
3	16QAM	15	0	20.35	20.48	20.33		
3	64QAM	1	0	20.39	20.46	20.47	22	2
3	64QAM	1	8	20.43	20.64	20.58		
3	64QAM	1	14	20.42	20.47	20.43		
3	64QAM	8	0	19.37	19.42	19.35	21	3
3	64QAM	8	4	19.38	19.40	19.38		
3	64QAM	8	7	19.32	19.46	19.30		
3	64QAM	15	0	19.36	19.40	19.25		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.30	22.34	22.14	24	0
1.4	QPSK	1	3	22.14	22.28	22.22		
1.4	QPSK	1	5	22.08	22.21	22.15		
1.4	QPSK	3	0	22.05	22.23	22.11		
1.4	QPSK	3	1	22.22	22.31	22.23		
1.4	QPSK	3	3	22.28	22.31	22.18		
1.4	QPSK	6	0	21.29	21.44	21.28	23	1
1.4	16QAM	1	0	21.29	21.38	21.29	23	1
1.4	16QAM	1	3	21.14	21.27	21.12		
1.4	16QAM	1	5	21.09	21.25	21.18		
1.4	16QAM	3	0	21.24	21.15	21.01		
1.4	16QAM	3	1	21.10	21.10	21.12		
1.4	16QAM	3	3	21.10	21.20	21.21		
1.4	16QAM	6	0	20.24	20.31	20.20	22	2
1.4	64QAM	1	0	20.22	20.34	20.26	22	2
1.4	64QAM	1	3	20.28	20.21	20.06		
1.4	64QAM	1	5	20.17	20.27	20.03		
1.4	64QAM	3	0	20.40	20.42	20.32		
1.4	64QAM	3	1	20.32	20.34	20.38		
1.4	64QAM	3	3	20.17	20.26	20.22		
1.4	64QAM	6	0	19.33	19.47	19.49	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.83	22.88	22.81	24	0
10	QPSK	1	25	22.72	22.79	22.66		
10	QPSK	1	49	22.67	22.81	22.66		
10	QPSK	25	0	21.82	21.89	21.77	23	1
10	QPSK	25	12	21.79	21.87	21.82		
10	QPSK	25	25	21.70	21.80	21.76		
10	QPSK	50	0	21.75	21.86	21.79		
10	16QAM	1	0	21.77	21.81	21.77	23	1
10	16QAM	1	25	21.64	21.75	21.71		
10	16QAM	1	49	21.65	21.78	21.65		
10	16QAM	25	0	20.74	20.83	20.70	22	2
10	16QAM	25	12	20.71	20.81	20.75		
10	16QAM	25	25	20.75	20.81	20.68		
10	16QAM	50	0	20.75	20.80	20.74		
10	64QAM	1	0	20.83	20.89	20.80	22	2
10	64QAM	1	25	20.89	20.98	20.93		
10	64QAM	1	49	20.88	20.92	20.88		
10	64QAM	25	0	19.76	19.85	19.75	21	3
10	64QAM	25	12	19.68	19.81	19.69		
10	64QAM	25	25	19.71	19.80	19.75		
10	64QAM	50	0	19.72	19.82	19.76		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.73	22.81	22.72	24	0
5	QPSK	1	12	22.58	22.75	22.60		
5	QPSK	1	24	22.55	22.76	22.59		
5	QPSK	12	0	21.74	21.85	21.66	23	1
5	QPSK	12	7	21.70	21.79	21.78		
5	QPSK	12	13	21.55	21.65	21.67		
5	QPSK	25	0	21.63	21.76	21.68		
5	16QAM	1	0	21.65	21.72	21.73	23	1
5	16QAM	1	12	21.49	21.60	21.56		
5	16QAM	1	24	21.57	21.70	21.52		
5	16QAM	12	0	20.62	20.79	20.59	22	2
5	16QAM	12	7	20.60	20.74	20.66		
5	16QAM	12	13	20.70	20.68	20.63		
5	16QAM	25	0	20.60	20.76	20.64		
5	64QAM	1	0	20.73	20.81	20.75	22	2
5	64QAM	1	12	20.74	20.85	20.80		
5	64QAM	1	24	20.74	20.82	20.74		
5	64QAM	12	0	19.63	19.78	19.71	21	3
5	64QAM	12	7	19.58	19.76	19.56		
5	64QAM	12	13	19.64	19.70	19.67		
5	64QAM	25	0	19.59	19.79	19.62		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.71	22.83	22.67	24	0
3	QPSK	1	8	22.68	22.75	22.59		
3	QPSK	1	14	22.61	22.69	22.54		
3	QPSK	8	0	21.72	21.85	21.63	23	1
3	QPSK	8	4	21.74	21.79	21.67		
3	QPSK	8	7	21.57	21.69	21.66		
3	QPSK	15	0	21.65	21.79	21.72		
3	16QAM	1	0	21.68	21.73	21.68	23	1
3	16QAM	1	8	21.51	21.71	21.62		
3	16QAM	1	14	21.50	21.70	21.59		
3	16QAM	8	0	20.64	20.77	20.58	22	2
3	16QAM	8	4	20.61	20.72	20.68		
3	16QAM	8	7	20.62	20.72	20.58		
3	16QAM	15	0	20.72	20.76	20.69		
3	64QAM	1	0	20.79	20.81	20.72	22	2
3	64QAM	1	8	20.83	20.92	20.86		
3	64QAM	1	14	20.76	20.85	20.74		
3	64QAM	8	0	19.66	19.72	19.60	21	3
3	64QAM	8	4	19.59	19.76	19.61		
3	64QAM	8	7	19.58	19.68	19.71		
3	64QAM	15	0	19.59	19.77	19.66		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.80	22.78	22.63	24	0
1.4	QPSK	1	3	22.60	22.79	22.63		
1.4	QPSK	1	5	22.48	22.65	22.57		
1.4	QPSK	3	0	22.47	22.68	22.55		
1.4	QPSK	3	1	22.70	22.78	22.70		
1.4	QPSK	3	3	22.49	22.73	22.59		
1.4	QPSK	6	0	21.69	21.87	21.70	23	1
1.4	16QAM	1	0	21.72	21.85	21.77	23	1
1.4	16QAM	1	3	21.65	21.74	21.63		
1.4	16QAM	1	5	21.57	21.66	21.61		
1.4	16QAM	3	0	21.73	21.64	21.51		
1.4	16QAM	3	1	21.52	21.51	21.57		
1.4	16QAM	3	3	21.51	21.61	21.68		
1.4	16QAM	6	0	20.68	20.72	20.65	22	2
1.4	64QAM	1	0	20.66	20.74	20.67	22	2
1.4	64QAM	1	3	20.78	20.62	20.52		
1.4	64QAM	1	5	20.60	20.75	20.48		
1.4	64QAM	3	0	20.88	20.87	20.82		
1.4	64QAM	3	1	20.79	20.82	20.82		
1.4	64QAM	3	3	20.68	20.70	20.63		
1.4	64QAM	6	0	19.76	19.93	19.97	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.90	22.99	22.94	24	0
20	QPSK	1	49	22.88	22.89	22.87		
20	QPSK	1	99	22.85	22.91	22.81		
20	QPSK	50	0	21.84	22.04	21.96	23	1
20	QPSK	50	24	21.85	21.99	21.86		
20	QPSK	50	50	21.75	21.88	21.85		
20	QPSK	100	0	21.78	21.92	21.90		
20	16QAM	1	0	21.76	21.85	21.80	23	1
20	16QAM	1	49	21.83	21.87	21.83		
20	16QAM	1	99	21.71	21.81	21.68		
20	16QAM	50	0	20.74	20.83	20.80	22	2
20	16QAM	50	24	20.82	20.88	20.78		
20	16QAM	50	50	20.93	20.98	20.81		
20	16QAM	100	0	20.84	20.90	20.80		
20	64QAM	1	0	20.75	20.83	20.80	22	2
20	64QAM	1	49	21.06	21.06	21.03		
20	64QAM	1	99	20.92	21.00	20.94		
20	64QAM	50	0	19.96	20.03	20.01	21	3
20	64QAM	50	24	20.03	20.11	20.02		
20	64QAM	50	50	20.03	20.17	20.12		
20	64QAM	100	0	19.86	19.97	19.92		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.86	22.93	22.89	24	0
15	QPSK	1	37	22.78	22.85	22.79		
15	QPSK	1	74	22.75	22.79	22.71		
15	QPSK	36	0	21.71	21.99	21.86	23	1
15	QPSK	36	20	21.78	21.94	21.77		
15	QPSK	36	39	21.64	21.74	21.82		
15	QPSK	75	0	21.72	21.79	21.81		
15	16QAM	1	0	21.71	21.81	21.72	23	1
15	16QAM	1	37	21.68	21.78	21.78		
15	16QAM	1	74	21.64	21.72	21.62		
15	16QAM	36	0	20.60	20.69	20.68	22	2
15	16QAM	36	20	20.67	20.85	20.64		
15	16QAM	36	39	20.86	20.92	20.75		
15	16QAM	75	0	20.74	20.77	20.76		
15	64QAM	1	0	20.61	20.71	20.67	22	2
15	64QAM	1	37	21.01	20.93	20.96		
15	64QAM	1	74	20.78	20.87	20.91		
15	64QAM	36	0	19.93	19.96	19.96	21	3
15	64QAM	36	20	19.88	20.03	19.99		
15	64QAM	36	39	19.98	20.05	19.98		
15	64QAM	75	0	19.75	19.91	19.84		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.82	22.88	22.82	24	0
10	QPSK	1	25	22.75	22.85	22.80		
10	QPSK	1	49	22.76	22.85	22.75		
10	QPSK	25	0	21.73	21.98	21.84	23	1
10	QPSK	25	12	21.74	21.86	21.81		
10	QPSK	25	25	21.67	21.76	21.78		
10	QPSK	50	0	21.66	21.80	21.86		
10	16QAM	1	0	21.64	21.79	21.67	23	1
10	16QAM	1	25	21.70	21.75	21.71		
10	16QAM	1	49	21.64	21.66	21.54		
10	16QAM	25	0	20.69	20.74	20.66	22	2
10	16QAM	25	12	20.78	20.80	20.69		
10	16QAM	25	25	20.86	20.84	20.77		
10	16QAM	50	0	20.78	20.86	20.65		
10	64QAM	1	0	20.64	20.79	20.68	22	2
10	64QAM	1	25	20.92	20.95	20.96		
10	64QAM	1	49	20.80	20.95	20.84		
10	64QAM	25	0	19.83	19.92	19.87	21	3
10	64QAM	25	12	19.91	20.01	19.88		
10	64QAM	25	25	19.89	20.10	20.07		
10	64QAM	50	0	19.81	19.87	19.88		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.87	22.94	22.85	24	0
5	QPSK	1	12	22.83	22.82	22.77		
5	QPSK	1	24	22.72	22.84	22.67		
5	QPSK	12	0	21.78	21.96	21.93	23	1
5	QPSK	12	7	21.73	21.88	21.77		
5	QPSK	12	13	21.71	21.82	21.72		
5	QPSK	25	0	21.64	21.89	21.76		
5	16QAM	1	0	21.72	21.71	21.72	23	1
5	16QAM	1	12	21.72	21.75	21.73		
5	16QAM	1	24	21.64	21.72	21.61		
5	16QAM	12	0	20.66	20.68	20.70	22	2
5	16QAM	12	7	20.73	20.85	20.73		
5	16QAM	12	13	20.88	20.86	20.75		
5	16QAM	25	0	20.77	20.84	20.73		
5	64QAM	1	0	20.67	20.75	20.77	22	2
5	64QAM	1	12	20.93	20.92	20.92		
5	64QAM	1	24	20.87	20.88	20.81		
5	64QAM	12	0	19.87	19.97	19.86	21	3
5	64QAM	12	7	19.93	20.07	19.99		
5	64QAM	12	13	19.99	20.06	20.08		
5	64QAM	25	0	19.73	19.91	19.80		

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BW [MHz]	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	22.82	22.87	22.78	24	0
20	QPSK	1	49	22.71	22.75	22.65		
20	QPSK	1	99	22.70	22.76	22.78		
20	QPSK	50	0	21.71	21.82	21.70	23	1
20	QPSK	50	24	21.66	21.73	21.62		
20	QPSK	50	50	21.69	21.79	21.63		
20	QPSK	100	0	21.67	21.70	21.64		
20	16QAM	1	0	21.57	21.66	21.67	23	1
20	16QAM	1	49	21.52	21.70	21.54		
20	16QAM	1	99	21.45	21.52	21.44		
20	16QAM	50	0	20.76	20.85	20.75	22	2
20	16QAM	50	24	20.61	20.77	20.64		
20	16QAM	50	50	20.68	20.78	20.71		
20	16QAM	100	0	20.67	20.74	20.66		
20	64QAM	1	0	20.31	20.43	20.34	22	2
20	64QAM	1	49	20.42	20.53	20.48		
20	64QAM	1	99	20.48	20.49	20.43		
20	64QAM	50	0	19.84	19.89	19.86	21	3
20	64QAM	50	24	19.81	19.90	19.80		
20	64QAM	50	50	19.86	19.91	19.78		
20	64QAM	100	0	19.74	19.92	19.82		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.72	22.78	22.74	24	0
15	QPSK	1	37	22.62	22.61	22.51		
15	QPSK	1	74	22.60	22.67	22.69		
15	QPSK	36	0	21.59	21.71	21.66	23	1
15	QPSK	36	20	21.56	21.61	21.49		
15	QPSK	36	39	21.61	21.72	21.51		
15	QPSK	75	0	21.62	21.61	21.55		
15	16QAM	1	0	21.48	21.52	21.63	23	1
15	16QAM	1	37	21.37	21.63	21.45		
15	16QAM	1	74	21.32	21.41	21.35		
15	16QAM	36	0	20.68	20.75	20.71	22	2
15	16QAM	36	20	20.47	20.71	20.52		
15	16QAM	36	39	20.53	20.66	20.63		
15	16QAM	75	0	20.53	20.62	20.57		
15	64QAM	1	0	20.27	20.40	20.23	22	2
15	64QAM	1	37	20.34	20.44	20.43		
15	64QAM	1	74	20.35	20.38	20.28		
15	64QAM	36	0	19.73	19.77	19.78	21	3
15	64QAM	36	20	19.76	19.79	19.74		
15	64QAM	36	39	19.81	19.87	19.65		
15	64QAM	75	0	19.67	19.85	19.78		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.73	22.74	22.74	24	0
10	QPSK	1	25	22.61	22.67	22.51		
10	QPSK	1	49	22.63	22.69	22.66		
10	QPSK	25	0	21.58	21.74	21.60	23	1
10	QPSK	25	12	21.52	21.59	21.58		
10	QPSK	25	25	21.63	21.64	21.59		
10	QPSK	50	0	21.63	21.59	21.60		
10	16QAM	1	0	21.43	21.59	21.61	23	1
10	16QAM	1	25	21.38	21.62	21.50		
10	16QAM	1	49	21.35	21.39	21.40		
10	16QAM	25	0	20.62	20.75	20.64	22	2
10	16QAM	25	12	20.53	20.74	20.56		
10	16QAM	25	25	20.58	20.73	20.63		
10	16QAM	50	0	20.57	20.60	20.52		
10	64QAM	1	0	20.20	20.34	20.24	22	2
10	64QAM	1	25	20.27	20.48	20.38		
10	64QAM	1	49	20.34	20.40	20.34		
10	64QAM	25	0	19.75	19.83	19.74	21	3
10	64QAM	25	12	19.71	19.76	19.71		
10	64QAM	25	25	19.73	19.80	19.67		
10	64QAM	50	0	19.60	19.84	19.77		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.70	22.81	22.68	24	0
5	QPSK	1	12	22.58	22.70	22.52		
5	QPSK	1	24	22.60	22.63	22.66		
5	QPSK	12	0	21.67	21.72	21.58	23	1
5	QPSK	12	7	21.59	21.69	21.48		
5	QPSK	12	13	21.55	21.75	21.59		
5	QPSK	25	0	21.60	21.56	21.53		
5	16QAM	1	0	21.51	21.53	21.58	23	1
5	16QAM	1	12	21.43	21.55	21.48		
5	16QAM	1	24	21.30	21.49	21.30		
5	16QAM	12	0	20.71	20.77	20.67	22	2
5	16QAM	12	7	20.48	20.68	20.56		
5	16QAM	12	13	20.55	20.74	20.64		
5	16QAM	25	0	20.61	20.70	20.57		
5	64QAM	1	0	20.22	20.34	20.30	22	2
5	64QAM	1	12	20.31	20.43	20.38		
5	64QAM	1	24	20.37	20.44	20.28		
5	64QAM	12	0	19.76	19.76	19.83	21	3
5	64QAM	12	7	19.68	19.84	19.71		
5	64QAM	12	13	19.78	19.78	19.73		
5	64QAM	25	0	19.66	19.87	19.68		

Band 41 Ant2 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	22.81	22.70	22.89	22.77	22.75	24	0
20	QPSK	1	49	22.73	22.74	22.80	22.80	22.76		
20	QPSK	1	99	22.60	22.72	22.76	22.71	22.74		
20	QPSK	50	0	21.80	21.70	21.84	21.67	21.62	23	1
20	QPSK	50	24	21.75	21.71	21.73	21.71	21.75		
20	QPSK	50	50	21.83	21.76	21.76	21.70	21.73		
20	QPSK	100	0	21.76	21.68	21.78	21.72	21.75		
20	16QAM	1	0	21.65	21.67	21.73	21.65	21.72	23	1
20	16QAM	1	49	21.78	21.78	21.75	21.73	21.73		
20	16QAM	1	99	21.79	21.70	21.76	21.71	21.63		
20	16QAM	50	0	20.81	20.69	20.76	20.68	20.65	22	2
20	16QAM	50	24	20.74	20.72	20.77	20.69	20.73		
20	16QAM	50	50	20.74	20.67	20.81	20.70	20.71		
20	16QAM	100	0	20.82	20.63	20.77	20.68	20.76		
20	64QAM	1	0	20.32	20.36	20.51	20.49	20.45	22	2
20	64QAM	1	49	20.52	20.44	20.47	20.44	20.53		
20	64QAM	1	99	20.48	20.37	20.50	20.37	20.38		
20	64QAM	50	0	19.92	19.74	19.92	19.79	19.93	21	3
20	64QAM	50	24	19.96	19.89	19.96	19.81	19.80		
20	64QAM	50	50	19.83	19.81	19.83	19.85	19.66		
20	64QAM	100	0	19.89	19.83	19.85	19.78	19.81		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.66	22.64	22.80	22.71	22.61	24	0
15	QPSK	1	37	22.67	22.68	22.69	22.66	22.66		
15	QPSK	1	74	22.56	22.60	22.62	22.59	22.67		
15	QPSK	36	0	21.72	21.57	21.71	21.55	21.52	23	1
15	QPSK	36	20	21.64	21.62	21.67	21.60	21.60		
15	QPSK	36	39	21.71	21.68	21.65	21.58	21.62		
15	QPSK	75	0	21.66	21.57	21.72	21.63	21.68		
15	16QAM	1	0	21.60	21.62	21.67	21.51	21.65	23	1
15	16QAM	1	37	21.69	21.67	21.63	21.61	21.70		
15	16QAM	1	74	21.72	21.57	21.70	21.66	21.51		
15	16QAM	36	0	20.73	20.55	20.64	20.61	20.57	22	2
15	16QAM	36	20	20.65	20.64	20.63	20.54	20.66		
15	16QAM	36	39	20.62	20.62	20.76	20.63	20.60		
15	16QAM	75	0	20.69	20.58	20.72	20.54	20.68		
15	64QAM	1	0	20.18	20.29	20.48	20.37	20.39	22	2
15	64QAM	1	37	20.44	20.29	20.39	20.38	20.46		
15	64QAM	1	74	20.34	20.31	20.36	20.30	20.25		
15	64QAM	36	0	19.79	19.68	19.79	19.65	19.87	21	3
15	64QAM	36	20	19.83	19.80	19.85	19.75	19.74		
15	64QAM	36	39	19.70	19.78	19.72	19.79	19.52		
15	64QAM	75	0	19.78	19.79	19.71	19.70	19.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.73	22.64	22.76	22.68	22.63	24.00	0
10	QPSK	1	25	22.62	22.61	22.73	22.75	22.68		
10	QPSK	1	49	22.50	22.68	22.70	22.63	22.69		
10	QPSK	25	0	21.75	21.64	21.74	21.60	21.57	23	1
10	QPSK	25	12	21.65	21.64	21.63	21.63	21.68		
10	QPSK	25	25	21.75	21.66	21.69	21.62	21.68		
10	QPSK	50	0	21.72	21.56	21.64	21.64	21.68		
10	16QAM	1	0	21.53	21.56	21.64	21.61	21.62	23	1
10	16QAM	1	25	21.67	21.71	21.60	21.59	21.60		
10	16QAM	1	49	21.73	21.60	21.66	21.64	21.60		
10	16QAM	25	0	20.78	20.58	20.71	20.53	20.51	22	2
10	16QAM	25	12	20.62	20.67	20.64	20.63	20.70		
10	16QAM	25	25	20.69	20.63	20.72	20.65	20.59		
10	16QAM	50	0	20.78	20.55	20.71	20.58	20.65		
10	64QAM	1	0	20.25	20.32	20.45	20.37	20.34	22	2
10	64QAM	1	25	20.37	20.30	20.43	20.36	20.42		
10	64QAM	1	49	20.37	20.25	20.45	20.27	20.28		
10	64QAM	25	0	19.81	19.62	19.78	19.74	19.82	21	3
10	64QAM	25	12	19.89	19.79	19.88	19.70	19.74		
10	64QAM	25	25	19.78	19.69	19.77	19.80	19.57		
10	64QAM	50	0	19.81	19.71	19.71	19.69	19.68		
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	22.74	22.55	22.81	22.69	22.68	24.00	0
5	QPSK	1	12	22.65	22.64	22.69	22.77	22.64		
5	QPSK	1	24	22.54	22.61	22.61	22.58	22.69		
5	QPSK	12	0	21.69	21.64	21.80	21.55	21.53	23	1
5	QPSK	12	7	21.62	21.60	21.66	21.65	21.71		
5	QPSK	12	13	21.71	21.68	21.70	21.59	21.65		
5	QPSK	25	0	21.67	21.60	21.65	21.57	21.69		
5	16QAM	1	0	21.60	21.52	21.66	21.56	21.63	23	1
5	16QAM	1	12	21.65	21.69	21.62	21.67	21.67		
5	16QAM	1	24	21.73	21.58	21.67	21.60	21.53		
5	16QAM	12	0	20.76	20.61	20.62	20.62	20.61	22	2
5	16QAM	12	7	20.69	20.65	20.70	20.54	20.68		
5	16QAM	12	13	20.70	20.63	20.71	20.57	20.58		
5	16QAM	25	0	20.68	20.57	20.69	20.64	20.68		
5	64QAM	1	0	20.25	20.32	20.41	20.37	20.38	22	2
5	64QAM	1	12	20.46	20.41	20.42	20.31	20.43		
5	64QAM	1	24	20.36	20.31	20.41	20.29	20.30		
5	64QAM	12	0	19.83	19.68	19.82	19.73	19.79	21	3
5	64QAM	12	7	19.91	19.79	19.82	19.70	19.77		
5	64QAM	12	13	19.75	19.73	19.72	19.72	19.61		
5	64QAM	25	0	19.77	19.72	19.77	19.67	19.73		

GSM850 Ant7 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.32	31.38	31.36	32.50	22.32	22.38	22.36	23.50
GPRS 1 Tx slot	31.31	31.35	31.22	32.50	22.31	22.35	22.22	23.50
GPRS 2 Tx slots	30.35	30.42	30.36	31.50	24.35	24.42	24.36	25.50
GPRS 3 Tx slots	28.53	28.61	28.51	29.50	24.27	24.35	24.25	25.24
GPRS 4 Tx slots	27.36	27.47	27.34	28.50	24.36	24.47	24.34	25.50
EDGE 1 Tx slot	25.68	25.78	25.74	26.50	16.68	16.78	16.74	17.50
EDGE 2 Tx slots	24.59	24.73	24.59	25.50	18.59	18.73	18.59	19.50
EDGE 3 Tx slots	22.53	22.63	22.58	23.50	18.27	18.37	18.32	19.24
EDGE 4 Tx slots	21.30	21.38	21.34	22.50	18.30	18.38	18.34	19.50

GSM1900 Ant7 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	26.80	26.88	26.82	28.50	17.80	17.88	17.82	19.50
GPRS 1 Tx slot	26.73	26.83	26.76	28.50	17.73	17.83	17.76	19.50
GPRS 2 Tx slots	26.09	26.21	26.15	27.50	20.09	20.21	20.15	21.50
GPRS 3 Tx slots	24.35	24.48	24.38	26.00	20.09	20.22	20.12	21.74
GPRS 4 Tx slots	23.33	23.45	23.37	25.00	20.33	20.45	20.37	22.00
EDGE 1 Tx slot	23.28	23.43	23.25	25.00	14.28	14.43	14.25	16.00
EDGE 2 Tx slots	22.31	22.42	22.29	24.00	16.31	16.42	16.29	18.00
EDGE 3 Tx slots	20.21	20.34	20.26	22.00	15.95	16.08	16.00	17.74
EDGE 4 Tx slots	18.97	19.04	18.94	20.50	15.97	16.04	15.94	17.50

		WCDMA II Ant7 Default				WCDMA IV Ant7 Default				WCDMA V Ant7 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.70	20.75	20.67	22.00	20.85	21.11	21.07	22.00	21.50	21.68	21.65	23.00
3GPP Rel 99	RMC 12.2Kbps	20.77	20.80	20.73	22.00	20.99	21.19	21.14	22.00	21.59	21.75	21.68	23.00
3GPP Rel 6	HSDPA Subtest-1	19.82	20.00	19.78	21.00	20.08	20.21	20.02	21.00	20.71	20.85	20.61	22.00
3GPP Rel 6	HSDPA Subtest-2	19.72	19.76	19.69	21.00	19.99	20.01	19.99	21.00	20.62	20.60	20.54	22.00
3GPP Rel 6	HSDPA Subtest-3	19.10	19.22	19.05	20.50	19.38	19.46	19.33	20.50	19.98	20.09	19.96	21.50
3GPP Rel 6	HSDPA Subtest-4	19.33	19.37	19.35	20.50	19.66	19.56	19.60	20.50	20.19	20.16	20.15	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.79	19.81	19.77	21.00	20.01	20.09	20.09	21.00	20.65	20.73	20.68	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.63	19.66	19.62	21.00	19.91	19.97	19.83	21.00	20.46	20.51	20.45	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.98	19.09	18.97	20.50	19.21	19.39	19.21	20.50	19.86	19.99	19.79	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.12	19.09	19.03	20.50	19.31	19.49	19.29	20.50	19.93	20.04	19.93	21.50
3GPP Rel 6	HSUPA Subtest-1	19.75	19.95	19.67	21.00	20.06	20.19	19.99	21.00	20.65	20.76	20.60	22.00
3GPP Rel 6	HSUPA Subtest-2	17.73	18.01	17.87	19.00	18.02	18.18	18.19	19.00	18.66	18.82	18.80	20.00
3GPP Rel 6	HSUPA Subtest-3	18.86	19.03	18.98	20.00	18.99	19.26	19.23	20.00	19.64	19.86	19.82	21.00
3GPP Rel 6	HSUPA Subtest-4	17.75	17.87	17.67	19.00	17.99	18.16	17.93	19.00	18.64	18.73	18.55	20.00
3GPP Rel 6	HSUPA Subtest-5	19.56	19.68	19.70	21.00	19.98	20.02	19.94	21.00	20.51	20.64	20.55	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.29	17.43	17.35	18.50	17.61	17.74	17.55	18.50	18.17	18.28	18.17	19.50

Band 2 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.49	20.55	20.40	22	0
20	QPSK	1	49	20.47	20.51	20.36		
20	QPSK	1	99	20.26	20.39	20.30		
20	QPSK	50	0	19.42	19.54	19.41	21	1
20	QPSK	50	24	19.41	19.50	19.42		
20	QPSK	50	50	19.34	19.42	19.30		
20	QPSK	100	0	19.33	19.45	19.31		
20	16QAM	1	0	19.22	19.34	19.27	21	1
20	16QAM	1	49	19.30	19.36	19.26		
20	16QAM	1	99	19.22	19.31	19.26		
20	16QAM	50	0	18.39	18.46	18.32	20	2
20	16QAM	50	24	18.44	18.51	18.46		
20	16QAM	50	50	18.36	18.40	18.25		
20	16QAM	100	0	18.39	18.42	18.30		
20	64QAM	1	0	18.53	18.64	18.56	20	2
20	64QAM	1	49	18.47	18.60	18.49		
20	64QAM	1	99	18.35	18.49	18.37		
20	64QAM	50	0	17.58	17.64	17.57	19	3
20	64QAM	50	24	17.55	17.65	17.50		
20	64QAM	50	50	17.45	17.54	17.49		
20	64QAM	100	0	17.51	17.60	17.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.42	20.47	20.29	22	0
15	QPSK	1	37	20.43	20.43	20.22		
15	QPSK	1	74	20.12	20.27	20.24		
15	QPSK	36	0	19.32	19.45	19.32	21	1
15	QPSK	36	20	19.30	19.38	19.32		
15	QPSK	36	39	19.26	19.35	19.21		
15	QPSK	75	0	19.22	19.36	19.19		
15	16QAM	1	0	19.12	19.24	19.21	21	1
15	16QAM	1	37	19.23	19.24	19.15		
15	16QAM	1	74	19.17	19.20	19.13		
15	16QAM	36	0	18.34	18.41	18.28	20	2
15	16QAM	36	20	18.40	18.42	18.34		
15	16QAM	36	39	18.32	18.37	18.18		
15	16QAM	75	0	18.31	18.27	18.19		
15	64QAM	1	0	18.38	18.49	18.50	20	2
15	64QAM	1	37	18.35	18.52	18.36		
15	64QAM	1	74	18.21	18.40	18.23		
15	64QAM	36	0	17.46	17.58	17.53	19	3
15	64QAM	36	20	17.49	17.57	17.44		
15	64QAM	36	39	17.33	17.45	17.39		
15	64QAM	75	0	17.38	17.56	17.41		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.35	20.45	20.29	22	0
10	QPSK	1	25	20.41	20.40	20.21		
10	QPSK	1	49	20.11	20.28	20.17		
10	QPSK	25	0	19.28	19.46	19.29	21	1
10	QPSK	25	12	19.36	19.39	19.31		
10	QPSK	25	25	19.20	19.31	19.22		
10	QPSK	50	0	19.30	19.40	19.17		
10	16QAM	1	0	19.17	19.26	19.18	21	1
10	16QAM	1	25	19.26	19.33	19.21		
10	16QAM	1	49	19.07	19.20	19.14		
10	16QAM	25	0	18.36	18.34	18.28	20	2
10	16QAM	25	12	18.35	18.43	18.33		
10	16QAM	25	25	18.23	18.32	18.19		
10	16QAM	50	0	18.28	18.37	18.20		
10	64QAM	1	0	18.41	18.58	18.41	20	2
10	64QAM	1	25	18.37	18.46	18.41		
10	64QAM	1	49	18.21	18.44	18.33		
10	64QAM	25	0	17.44	17.53	17.47	19	3
10	64QAM	25	12	17.42	17.53	17.41		
10	64QAM	25	25	17.34	17.48	17.46		
10	64QAM	50	0	17.41	17.49	17.34		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.41	20.52	20.36	22	0
5	QPSK	1	12	20.38	20.47	20.33		
5	QPSK	1	24	20.11	20.26	20.23		
5	QPSK	12	0	19.36	19.44	19.28	21	1
5	QPSK	12	7	19.32	19.40	19.37		
5	QPSK	12	13	19.19	19.38	19.15		
5	QPSK	25	0	19.25	19.37	19.19		
5	16QAM	1	0	19.14	19.30	19.16	21	1
5	16QAM	1	12	19.19	19.30	19.12		
5	16QAM	1	24	19.18	19.20	19.17		
5	16QAM	12	0	18.35	18.39	18.21	20	2
5	16QAM	12	7	18.39	18.38	18.38		
5	16QAM	12	13	18.27	18.30	18.15		
5	16QAM	25	0	18.33	18.27	18.26		
5	64QAM	1	0	18.38	18.54	18.46	20	2
5	64QAM	1	12	18.39	18.54	18.37		
5	64QAM	1	24	18.20	18.36	18.26		
5	64QAM	12	0	17.48	17.52	17.48	19	3
5	64QAM	12	7	17.50	17.50	17.39		
5	64QAM	12	13	17.39	17.46	17.37		
5	64QAM	25	0	17.44	17.48	17.36		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.43	20.50	20.28	22	0
3	QPSK	1	8	20.42	20.37	20.21		
3	QPSK	1	14	20.17	20.31	20.27		
3	QPSK	8	0	19.31	19.39	19.32	21	1
3	QPSK	8	4	19.36	19.40	19.29		
3	QPSK	8	7	19.19	19.32	19.15		
3	QPSK	15	0	19.25	19.33	19.21		
3	16QAM	1	0	19.17	19.28	19.22	21	1
3	16QAM	1	8	19.25	19.24	19.20		
3	16QAM	1	14	19.11	19.18	19.22		
3	16QAM	8	0	18.24	18.37	18.20	20	2
3	16QAM	8	4	18.29	18.43	18.32		
3	16QAM	8	7	18.28	18.33	18.22		
3	16QAM	15	0	18.26	18.29	18.17		
3	64QAM	1	0	18.47	18.53	18.47	20	2
3	64QAM	1	8	18.39	18.53	18.42		
3	64QAM	1	14	18.30	18.44	18.27		
3	64QAM	8	0	17.55	17.49	17.43	19	3
3	64QAM	8	4	17.49	17.62	17.43		
3	64QAM	8	7	17.37	17.49	17.43		
3	64QAM	15	0	17.45	17.47	17.43		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.37	20.45	20.37	22	0
1.4	QPSK	1	3	20.40	20.39	20.24		
1.4	QPSK	1	5	20.12	20.32	20.20		
1.4	QPSK	3	0	20.35	20.41	20.35		
1.4	QPSK	3	1	20.38	20.38	20.27		
1.4	QPSK	3	3	20.23	20.35	20.25		
1.4	QPSK	6	0	19.29	19.51	19.32	21	1
1.4	16QAM	1	0	19.34	19.38	19.31	21	1
1.4	16QAM	1	3	19.20	19.39	19.22		
1.4	16QAM	1	5	19.26	19.36	19.26		
1.4	16QAM	3	0	19.12	19.25	19.20		
1.4	16QAM	3	1	19.27	19.23	19.21		
1.4	16QAM	3	3	19.18	19.20	19.18		
1.4	16QAM	6	0	18.30	18.40	18.27	20	2
1.4	64QAM	1	0	18.35	18.38	18.38	20	2
1.4	64QAM	1	3	18.23	18.28	18.16		
1.4	64QAM	1	5	18.24	18.37	18.24		
1.4	64QAM	3	0	18.44	18.59	18.44		
1.4	64QAM	3	1	18.34	18.45	18.39		
1.4	64QAM	3	3	18.31	18.46	18.34		
1.4	64QAM	6	0	17.52	17.59	17.39	19	3

Band 4 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.31	20.39	20.36	22	0
20	QPSK	1	49	20.29	20.35	20.21		
20	QPSK	1	99	20.14	20.20	20.15		
20	QPSK	50	0	19.34	19.38	19.25	21	1
20	QPSK	50	24	19.26	19.37	19.24		
20	QPSK	50	50	19.28	19.32	19.29		
20	QPSK	100	0	19.30	19.34	19.25		
20	16QAM	1	0	19.26	19.31	19.20	21	1
20	16QAM	1	49	19.21	19.26	19.14		
20	16QAM	1	99	19.23	19.29	19.21		
20	16QAM	50	0	18.45	18.51	18.44	20	2
20	16QAM	50	24	18.37	18.50	18.39		
20	16QAM	50	50	18.41	18.47	18.43		
20	16QAM	100	0	18.39	18.44	18.38		
20	64QAM	1	0	18.49	18.54	18.39	20	2
20	64QAM	1	49	18.41	18.46	18.31		
20	64QAM	1	99	18.42	18.47	18.39		
20	64QAM	50	0	17.45	17.51	17.39	19	3
20	64QAM	50	24	17.43	17.48	17.43		
20	64QAM	50	50	17.33	17.41	17.28		
20	64QAM	100	0	17.41	17.46	17.34		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.25	20.31	20.28	22	0
15	QPSK	1	37	20.20	20.25	20.11		
15	QPSK	1	74	20.04	20.10	20.01		
15	QPSK	36	0	19.29	19.25	19.20	21	1
15	QPSK	36	20	19.15	19.32	19.14		
15	QPSK	36	39	19.17	19.24	19.20		
15	QPSK	75	0	19.19	19.21	19.17		
15	16QAM	1	0	19.20	19.23	19.06	21	1
15	16QAM	1	37	19.10	19.18	19.09		
15	16QAM	1	74	19.15	19.24	19.12		
15	16QAM	36	0	18.41	18.47	18.37	20	2
15	16QAM	36	20	18.22	18.46	18.25		
15	16QAM	36	39	18.37	18.37	18.35		
15	16QAM	75	0	18.30	18.38	18.24		
15	64QAM	1	0	18.45	18.45	18.26	20	2
15	64QAM	1	37	18.26	18.41	18.22		
15	64QAM	1	74	18.36	18.44	18.35		
15	64QAM	36	0	17.30	17.42	17.36	19	3
15	64QAM	36	20	17.31	17.34	17.39		
15	64QAM	36	39	17.23	17.34	17.21		
15	64QAM	75	0	17.35	17.40	17.24		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.18	20.34	20.24	22	0
10	QPSK	1	25	20.25	20.32	20.09		
10	QPSK	1	49	20.07	20.13	20.05		
10	QPSK	25	0	19.25	19.24	19.14	21	1
10	QPSK	25	12	19.18	19.24	19.14		
10	QPSK	25	25	19.21	19.27	19.21		
10	QPSK	50	0	19.17	19.28	19.21		
10	16QAM	1	0	19.12	19.22	19.10	21	1
10	16QAM	1	25	19.07	19.23	19.06		
10	16QAM	1	49	19.20	19.18	19.18		
10	16QAM	25	0	18.40	18.42	18.34	20	2
10	16QAM	25	12	18.24	18.36	18.31		
10	16QAM	25	25	18.31	18.33	18.34		
10	16QAM	50	0	18.31	18.41	18.28		
10	64QAM	1	0	18.38	18.41	18.33	20	2
10	64QAM	1	25	18.33	18.35	18.18		
10	64QAM	1	49	18.31	18.40	18.29		
10	64QAM	25	0	17.33	17.44	17.31	19	3
10	64QAM	25	12	17.29	17.40	17.30		
10	64QAM	25	25	17.20	17.27	17.14		
10	64QAM	50	0	17.27	17.37	17.21		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.28	20.31	20.31	22	0
5	QPSK	1	12	20.15	20.29	20.07		
5	QPSK	1	24	20.06	20.16	20.05		
5	QPSK	12	0	19.25	19.30	19.19	21	1
5	QPSK	12	7	19.22	19.27	19.12		
5	QPSK	12	13	19.14	19.20	19.19		
5	QPSK	25	0	19.22	19.23	19.19		
5	16QAM	1	0	19.21	19.21	19.06	21	1
5	16QAM	1	12	19.11	19.17	19.06		
5	16QAM	1	24	19.15	19.15	19.14		
5	16QAM	12	0	18.34	18.42	18.36	20	2
5	16QAM	12	7	18.28	18.40	18.36		
5	16QAM	12	13	18.35	18.36	18.29		
5	16QAM	25	0	18.30	18.38	18.25		
5	64QAM	1	0	18.44	18.43	18.29	20	2
5	64QAM	1	12	18.29	18.38	18.22		
5	64QAM	1	24	18.33	18.40	18.25		
5	64QAM	12	0	17.32	17.40	17.30	19	3
5	64QAM	12	7	17.35	17.36	17.29		
5	64QAM	12	13	17.25	17.31	17.21		
5	64QAM	25	0	17.27	17.43	17.25		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.23	20.24	20.24	22	0
3	QPSK	1	8	20.21	20.27	20.08		
3	QPSK	1	14	20.07	20.13	20.09		
3	QPSK	8	0	19.26	19.30	19.13	21	1
3	QPSK	8	4	19.13	19.25	19.10		
3	QPSK	8	7	19.18	19.18	19.24		
3	QPSK	15	0	19.16	19.21	19.17		
3	16QAM	1	0	19.14	19.16	19.13	21	1
3	16QAM	1	8	19.11	19.14	19.11		
3	16QAM	1	14	19.10	19.19	19.08		
3	16QAM	8	0	18.41	18.37	18.39	20	2
3	16QAM	8	4	18.25	18.42	18.29		
3	16QAM	8	7	18.34	18.36	18.31		
3	16QAM	15	0	18.35	18.41	18.30		
3	64QAM	1	0	18.40	18.41	18.35	20	2
3	64QAM	1	8	18.34	18.40	18.25		
3	64QAM	1	14	18.38	18.41	18.33		
3	64QAM	8	0	17.31	17.47	17.34	19	3
3	64QAM	8	4	17.34	17.38	17.30		
3	64QAM	8	7	17.26	17.34	17.23		
3	64QAM	15	0	17.32	17.37	17.27		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.14	20.29	20.22	22	0
1.4	QPSK	1	3	20.19	20.21	20.06		
1.4	QPSK	1	5	19.91	20.08	20.02		
1.4	QPSK	3	0	20.15	20.27	20.21		
1.4	QPSK	3	1	20.19	20.24	20.03		
1.4	QPSK	3	3	20.09	20.22	20.04		
1.4	QPSK	6	0	19.04	19.26	19.14	21	1
1.4	16QAM	1	0	19.18	19.16	19.07	21	1
1.4	16QAM	1	3	18.95	19.26	19.07		
1.4	16QAM	1	5	19.09	19.12	19.11		
1.4	16QAM	3	0	18.93	19.04	18.98		
1.4	16QAM	3	1	19.04	19.04	19.05		
1.4	16QAM	3	3	18.97	19.00	18.96		
1.4	16QAM	6	0	18.08	18.16	18.08	20	2
1.4	64QAM	1	0	18.13	18.16	18.17	20	2
1.4	64QAM	1	3	18.07	18.13	17.92		
1.4	64QAM	1	5	18.11	18.16	18.06		
1.4	64QAM	3	0	18.24	18.36	18.20		
1.4	64QAM	3	1	18.18	18.32	18.24		
1.4	64QAM	3	3	18.14	18.32	18.15		
1.4	64QAM	6	0	17.37	17.40	17.23	19	3

Band 5 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.41	21.48	21.36	22	0
10	QPSK	1	25	21.34	21.41	21.30		
10	QPSK	1	49	21.22	21.26	21.17		
10	QPSK	25	0	20.25	20.39	20.24	21	1
10	QPSK	25	12	20.23	20.34	20.20		
10	QPSK	25	25	20.11	20.23	20.19		
10	QPSK	50	0	20.20	20.29	20.14		
10	16QAM	1	0	20.20	20.28	20.21	21	1
10	16QAM	1	25	20.06	20.20	20.09		
10	16QAM	1	49	20.08	20.21	20.12		
10	16QAM	25	0	19.26	19.35	19.25	20	2
10	16QAM	25	12	19.25	19.31	19.28		
10	16QAM	25	25	19.06	19.20	19.08		
10	16QAM	50	0	19.17	19.28	19.22		
10	64QAM	1	0	19.29	19.42	19.35	20	2
10	64QAM	1	25	19.38	19.48	19.38		
10	64QAM	1	49	19.33	19.41	19.32		
10	64QAM	25	0	18.28	18.37	18.25	19	3
10	64QAM	25	12	18.24	18.33	18.19		
10	64QAM	25	25	18.09	18.21	18.11		
10	64QAM	50	0	18.14	18.29	18.16		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.29	21.45	21.23	22	0
5	QPSK	1	12	21.22	21.31	21.23		
5	QPSK	1	24	21.14	21.20	21.03		
5	QPSK	12	0	20.15	20.35	20.10	21	1
5	QPSK	12	7	20.13	20.29	20.10		
5	QPSK	12	13	20.06	20.18	20.13		
5	QPSK	25	0	20.12	20.17	20.06		
5	16QAM	1	0	20.09	20.20	20.12	21	1
5	16QAM	1	12	19.95	20.10	20.04		
5	16QAM	1	24	19.93	20.12	20.01		
5	16QAM	12	0	19.18	19.27	19.14	20	2
5	16QAM	12	7	19.13	19.26	19.22		
5	16QAM	12	13	18.98	19.12	18.98		
5	16QAM	25	0	19.04	19.15	19.16		
5	64QAM	1	0	19.25	19.34	19.24	20	2
5	64QAM	1	12	19.28	19.36	19.25		
5	64QAM	1	24	19.26	19.37	19.27		
5	64QAM	12	0	18.20	18.28	18.10	19	3
5	64QAM	12	7	18.16	18.30	18.13		
5	64QAM	12	13	17.96	18.07	17.97		
5	64QAM	25	0	18.01	18.18	18.13		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.28	21.33	21.31	22	0
3	QPSK	1	8	21.28	21.34	21.18		
3	QPSK	1	14	21.11	21.18	21.11		
3	QPSK	8	0	20.12	20.35	20.12	21	1
3	QPSK	8	4	20.11	20.20	20.09		
3	QPSK	8	7	20.06	20.11	20.14		
3	QPSK	15	0	20.08	20.20	19.99		
3	16QAM	1	0	20.08	20.16	20.14	21	1
3	16QAM	1	8	20.01	20.16	20.05		
3	16QAM	1	14	19.93	20.10	20.01		
3	16QAM	8	0	19.12	19.25	19.18	20	2
3	16QAM	8	4	19.12	19.22	19.21		
3	16QAM	8	7	18.99	19.06	18.98		
3	16QAM	15	0	19.05	19.23	19.16		
3	64QAM	1	0	19.16	19.36	19.31	20	2
3	64QAM	1	8	19.23	19.33	19.27		
3	64QAM	1	14	19.19	19.33	19.24		
3	64QAM	8	0	18.25	18.33	18.18	19	3
3	64QAM	8	4	18.13	18.26	18.14		
3	64QAM	8	7	18.01	18.11	18.06		
3	64QAM	15	0	18.06	18.15	18.08		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.30	21.35	21.24	22	0
1.4	QPSK	1	3	21.35	21.26	21.13		
1.4	QPSK	1	5	21.07	21.26	21.11		
1.4	QPSK	3	0	21.28	21.32	21.27		
1.4	QPSK	3	1	21.30	21.34	21.20		
1.4	QPSK	3	3	21.10	21.20	21.15		
1.4	QPSK	6	0	20.16	20.37	20.28	21	1
1.4	16QAM	1	0	20.25	20.27	20.27	21	1
1.4	16QAM	1	3	20.09	20.31	20.10		
1.4	16QAM	1	5	20.19	20.21	20.15		
1.4	16QAM	3	0	20.06	20.13	20.06		
1.4	16QAM	3	1	20.22	20.18	20.14		
1.4	16QAM	3	3	20.07	20.08	20.04		
1.4	16QAM	6	0	19.17	19.36	19.18	20	2
1.4	64QAM	1	0	19.30	19.24	19.26	20	2
1.4	64QAM	1	3	19.09	19.17	19.01		
1.4	64QAM	1	5	19.16	19.22	19.19		
1.4	64QAM	3	0	19.35	19.46	19.31		
1.4	64QAM	3	1	19.30	19.31	19.35		
1.4	64QAM	3	3	19.17	19.33	19.28		
1.4	64QAM	6	0	18.47	18.46	18.33	19	3

Reduced Power for DSI2 for Main PA

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	32.87	32.91	32.84	33.50	23.87	23.91	23.84	24.50
GPRS 1 Tx slot	32.76	32.82	32.70	33.50	23.76	23.82	23.70	24.50
GPRS 2 Tx slots	31.81	31.87	31.73	32.50	25.81	25.87	25.73	26.50
GPRS 3 Tx slots	29.99	30.09	29.98	31.00	25.73	25.83	25.72	26.74
GPRS 4 Tx slots	28.87	28.98	28.87	30.00	25.87	25.98	25.87	27.00
EDGE 1 Tx slot	27.19	27.24	27.20	28.50	18.19	18.24	18.20	19.50
EDGE 2 Tx slots	26.06	26.18	26.06	27.50	20.06	20.18	20.06	21.50
EDGE 3 Tx slots	24.06	24.20	24.10	25.50	19.80	19.94	19.84	21.24
EDGE 4 Tx slots	22.74	22.86	22.82	24.00	19.74	19.86	19.82	21.00

GSM1900 Ant1 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	29.12	29.19	29.02	30.50	20.12	20.19	20.02	21.50
GPRS 1 Tx slot	29.07	29.09	29.00	30.50	20.07	20.09	20.00	21.50
GPRS 2 Tx slots	28.35	28.41	28.28	29.50	22.35	22.41	22.28	23.50
GPRS 3 Tx slots	26.69	26.71	26.62	28.00	22.43	22.45	22.36	23.74
GPRS 4 Tx slots	25.61	25.69	25.67	27.00	22.61	22.69	22.67	24.00
EDGE 1 Tx slot	25.53	25.61	25.58	27.00	16.53	16.61	16.58	18.00
EDGE 2 Tx slots	24.50	24.66	24.55	26.00	18.50	18.66	18.55	20.00
EDGE 3 Tx slots	22.47	22.55	22.40	24.00	18.21	18.29	18.14	19.74
EDGE 4 Tx slots	21.11	21.20	21.17	22.50	18.11	18.20	18.17	19.50

		WCDMA II Ant1 Default				WCDMA IV Ant1 Default				WCDMA V Ant1 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.05	23.20	23.09	24.00	22.90	23.13	23.01	24.00	22.92	23.06	22.97	24.00
3GPP Rel 99	RMC 12.2Kbps	23.10	23.23	23.20	24.00	23.00	23.17	23.08	24.00	23.03	23.12	23.10	24.00
3GPP Rel 6	HSDPA Subtest-1	22.17	22.23	22.13	23.00	22.05	22.19	22.02	23.00	22.05	22.16	22.05	23.00
3GPP Rel 6	HSDPA Subtest-2	22.02	22.07	22.14	23.00	21.95	22.03	22.09	23.00	21.90	21.96	21.97	23.00
3GPP Rel 6	HSDPA Subtest-3	21.55	21.63	21.46	22.50	21.41	21.50	21.32	22.50	21.40	21.54	21.36	22.50
3GPP Rel 6	HSDPA Subtest-4	21.68	21.69	21.53	22.50	21.60	21.66	21.48	22.50	21.55	21.56	21.43	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.33	22.22	22.08	23.00	22.28	22.09	21.97	23.00	22.16	22.10	22.02	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.87	22.09	21.91	23.00	21.79	22.02	21.79	23.00	21.77	21.96	21.84	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.48	21.40	21.33	22.50	21.37	21.26	21.28	22.50	21.33	21.33	21.18	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.49	21.61	21.47	22.50	21.38	21.48	21.35	22.50	21.33	21.45	21.40	22.50
3GPP Rel 6	HSUPA Subtest-1	22.31	22.39	22.00	23.00	22.26	22.33	21.94	23.00	22.16	22.22	21.94	23.00
3GPP Rel 6	HSUPA Subtest-2	20.10	20.31	20.26	21.00	19.99	20.26	20.13	21.00	20.04	20.24	20.17	21.00
3GPP Rel 6	HSUPA Subtest-3	21.29	21.30	21.14	22.00	21.22	21.21	21.07	22.00	21.18	21.14	21.01	22.00
3GPP Rel 6	HSUPA Subtest-4	20.14	20.09	20.12	21.00	20.00	20.06	20.07	21.00	20.07	19.95	19.96	21.00
3GPP Rel 6	HSUPA Subtest-5	22.08	22.05	22.00	23.00	22.05	21.99	21.88	23.00	21.93	21.90	21.85	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.56	19.73	19.64	20.50	19.45	19.65	19.59	20.50	19.43	19.62	19.48	20.50

Band 2 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.49	22.56	22.43	24	0
20	QPSK	1	49	22.43	22.50	22.43		
20	QPSK	1	99	22.23	22.39	22.29		
20	QPSK	50	0	21.46	21.58	21.42	23	1
20	QPSK	50	24	21.49	21.57	21.43		
20	QPSK	50	50	21.27	21.46	21.24		
20	QPSK	100	0	21.28	21.41	21.31		
20	16QAM	1	0	21.38	21.44	21.21	23	1
20	16QAM	1	49	21.32	21.42	21.28		
20	16QAM	1	99	21.32	21.44	21.34		
20	16QAM	50	0	20.38	20.51	20.41	22	2
20	16QAM	50	24	20.41	20.53	20.46		
20	16QAM	50	50	20.33	20.47	20.27		
20	16QAM	100	0	20.27	20.48	20.24		
20	64QAM	1	0	20.47	20.53	20.46	22	2
20	64QAM	1	49	20.55	20.63	20.57		
20	64QAM	1	99	20.36	20.45	20.36		
20	64QAM	50	0	19.45	19.62	19.57	21	3
20	64QAM	50	24	19.56	19.65	19.52		
20	64QAM	50	50	19.52	19.52	19.49		
20	64QAM	100	0	19.55	19.60	19.53		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.45	22.49	22.38	24	0
15	QPSK	1	37	22.34	22.40	22.38		
15	QPSK	1	74	22.15	22.36	22.23		
15	QPSK	36	0	21.34	21.48	21.37	23	1
15	QPSK	36	20	21.44	21.47	21.39		
15	QPSK	36	39	21.14	21.42	21.10		
15	QPSK	75	0	21.14	21.30	21.18		
15	16QAM	1	0	21.30	21.36	21.12	23	1
15	16QAM	1	37	21.29	21.32	21.17		
15	16QAM	1	74	21.17	21.31	21.27		
15	16QAM	36	0	20.27	20.43	20.27	22	2
15	16QAM	36	20	20.35	20.40	20.33		
15	16QAM	36	39	20.25	20.44	20.20		
15	16QAM	75	0	20.21	20.37	20.20		
15	64QAM	1	0	20.34	20.45	20.41	22	2
15	64QAM	1	37	20.42	20.48	20.49		
15	64QAM	1	74	20.23	20.36	20.24		
15	64QAM	36	0	19.34	19.55	19.53	21	3
15	64QAM	36	20	19.46	19.58	19.47		
15	64QAM	36	39	19.37	19.49	19.45		
15	64QAM	75	0	19.52	19.46	19.44		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.34	22.43	22.29	24	0
10	QPSK	1	25	22.35	22.42	22.31		
10	QPSK	1	49	22.09	22.26	22.22		
10	QPSK	25	0	21.36	21.45	21.34	23	1
10	QPSK	25	12	21.39	21.50	21.37		
10	QPSK	25	25	21.15	21.42	21.18		
10	QPSK	50	0	21.13	21.32	21.22		
10	16QAM	1	0	21.27	21.35	21.09	23	1
10	16QAM	1	25	21.18	21.31	21.19		
10	16QAM	1	49	21.26	21.32	21.20		
10	16QAM	25	0	20.31	20.48	20.36	22	2
10	16QAM	25	12	20.38	20.39	20.38		
10	16QAM	25	25	20.18	20.42	20.17		
10	16QAM	50	0	20.13	20.44	20.18		
10	64QAM	1	0	20.40	20.47	20.37	22	2
10	64QAM	1	25	20.42	20.57	20.47		
10	64QAM	1	49	20.22	20.32	20.27		
10	64QAM	25	0	19.39	19.48	19.51	21	3
10	64QAM	25	12	19.42	19.57	19.42		
10	64QAM	25	25	19.41	19.42	19.43		
10	64QAM	50	0	19.43	19.46	19.48		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.42	22.52	22.31	24	0
5	QPSK	1	12	22.32	22.36	22.35		
5	QPSK	1	24	22.19	22.27	22.17		
5	QPSK	12	0	21.40	21.55	21.28	23	1
5	QPSK	12	7	21.35	21.45	21.33		
5	QPSK	12	13	21.20	21.38	21.15		
5	QPSK	25	0	21.17	21.29	21.17		
5	16QAM	1	0	21.33	21.32	21.09	23	1
5	16QAM	1	12	21.26	21.38	21.17		
5	16QAM	1	24	21.20	21.36	21.24		
5	16QAM	12	0	20.23	20.41	20.37	22	2
5	16QAM	12	7	20.27	20.48	20.38		
5	16QAM	12	13	20.24	20.37	20.21		
5	16QAM	25	0	20.20	20.40	20.18		
5	64QAM	1	0	20.37	20.49	20.41	22	2
5	64QAM	1	12	20.47	20.49	20.52		
5	64QAM	1	24	20.24	20.31	20.29		
5	64QAM	12	0	19.37	19.52	19.51	21	3
5	64QAM	12	7	19.52	19.55	19.41		
5	64QAM	12	13	19.37	19.37	19.44		
5	64QAM	25	0	19.43	19.49	19.42		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.36	22.50	22.40	24	0
3	QPSK	1	8	22.39	22.41	22.36		
3	QPSK	1	14	22.10	22.35	22.19		
3	QPSK	8	0	21.32	21.48	21.37	23	1
3	QPSK	8	4	21.37	21.51	21.37		
3	QPSK	8	7	21.12	21.38	21.12		
3	QPSK	15	0	21.20	21.38	21.21		
3	16QAM	1	0	21.26	21.38	21.18	23	1
3	16QAM	1	8	21.26	21.34	21.13		
3	16QAM	1	14	21.24	21.41	21.24		
3	16QAM	8	0	20.34	20.47	20.37	22	2
3	16QAM	8	4	20.37	20.45	20.40		
3	16QAM	8	7	20.24	20.37	20.12		
3	16QAM	15	0	20.24	20.43	20.15		
3	64QAM	1	0	20.38	20.38	20.33	22	2
3	64QAM	1	8	20.46	20.56	20.48		
3	64QAM	1	14	20.27	20.41	20.23		
3	64QAM	8	0	19.35	19.50	19.44	21	3
3	64QAM	8	4	19.47	19.54	19.46		
3	64QAM	8	7	19.39	19.47	19.38		
3	64QAM	15	0	19.44	19.48	19.39		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.37	22.40	22.28	24	0
1.4	QPSK	1	3	22.28	22.38	22.33		
1.4	QPSK	1	5	22.15	22.31	22.17		
1.4	QPSK	3	0	22.14	22.36	22.24		
1.4	QPSK	3	1	22.33	22.39	22.27		
1.4	QPSK	3	3	22.14	22.38	22.33		
1.4	QPSK	6	0	21.34	21.49	21.35	23	1
1.4	16QAM	1	0	21.42	21.44	21.39	23	1
1.4	16QAM	1	3	21.31	21.37	21.26		
1.4	16QAM	1	5	21.19	21.35	21.33		
1.4	16QAM	3	0	21.27	21.27	21.14		
1.4	16QAM	3	1	21.12	21.16	21.24		
1.4	16QAM	3	3	21.18	21.26	21.29		
1.4	16QAM	6	0	20.33	20.38	20.32	22	2
1.4	64QAM	1	0	20.37	20.52	20.34	22	2
1.4	64QAM	1	3	20.36	20.30	20.19		
1.4	64QAM	1	5	20.26	20.35	20.15		
1.4	64QAM	3	0	20.45	20.50	20.37		
1.4	64QAM	3	1	20.47	20.42	20.53		
1.4	64QAM	3	3	20.22	20.37	20.27		
1.4	64QAM	6	0	19.48	19.54	19.52	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.35	22.46	22.42	24	0
20	QPSK	1	49	22.28	22.31	22.24		
20	QPSK	1	99	22.21	22.27	22.14		
20	QPSK	50	0	21.29	21.43	21.30	23	1
20	QPSK	50	24	21.28	21.40	21.34		
20	QPSK	50	50	21.35	21.41	21.27		
20	QPSK	100	0	21.29	21.42	21.34		
20	16QAM	1	0	21.26	21.32	21.27	23	1
20	16QAM	1	49	21.27	21.37	21.27		
20	16QAM	1	99	21.25	21.36	21.23		
20	16QAM	50	0	20.42	20.57	20.49	22	2
20	16QAM	50	24	20.42	20.53	20.42		
20	16QAM	50	50	20.40	20.51	20.39		
20	16QAM	100	0	20.39	20.53	20.48		
20	64QAM	1	0	20.50	20.55	20.52	22	2
20	64QAM	1	49	20.55	20.68	20.62		
20	64QAM	1	99	20.47	20.57	20.46		
20	64QAM	50	0	19.41	19.53	19.46	21	3
20	64QAM	50	24	19.47	19.55	19.41		
20	64QAM	50	50	19.38	19.53	19.40		
20	64QAM	100	0	19.49	19.52	19.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.32	22.33	22.31	24	0
15	QPSK	1	37	22.14	22.25	22.20		
15	QPSK	1	74	22.08	22.21	22.06		
15	QPSK	36	0	21.19	21.32	21.24	23	1
15	QPSK	36	20	21.16	21.26	21.27		
15	QPSK	36	39	21.30	21.33	21.21		
15	QPSK	75	0	21.20	21.38	21.22		
15	16QAM	1	0	21.23	21.17	21.20	23	1
15	16QAM	1	37	21.22	21.29	21.18		
15	16QAM	1	74	21.11	21.25	21.17		
15	16QAM	36	0	20.29	20.49	20.44	22	2
15	16QAM	36	20	20.34	20.39	20.36		
15	16QAM	36	39	20.33	20.42	20.33		
15	16QAM	75	0	20.28	20.50	20.38		
15	64QAM	1	0	20.44	20.46	20.42	22	2
15	64QAM	1	37	20.51	20.63	20.50		
15	64QAM	1	74	20.40	20.45	20.36		
15	64QAM	36	0	19.29	19.49	19.35	21	3
15	64QAM	36	20	19.41	19.43	19.29		
15	64QAM	36	39	19.26	19.44	19.35		
15	64QAM	75	0	19.41	19.42	19.30		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.30	22.38	22.35	24	0
10	QPSK	1	25	22.21	22.16	22.12		
10	QPSK	1	49	22.09	22.18	22.07		
10	QPSK	25	0	21.22	21.34	21.19	23	1
10	QPSK	25	12	21.15	21.36	21.24		
10	QPSK	25	25	21.27	21.27	21.13		
10	QPSK	50	0	21.23	21.30	21.27		
10	16QAM	1	0	21.14	21.28	21.23	23	1
10	16QAM	1	25	21.21	21.31	21.24		
10	16QAM	1	49	21.11	21.27	21.11		
10	16QAM	25	0	20.36	20.48	20.34	22	2
10	16QAM	25	12	20.35	20.41	20.36		
10	16QAM	25	25	20.27	20.38	20.34		
10	16QAM	50	0	20.25	20.39	20.37		
10	64QAM	1	0	20.44	20.40	20.37	22	2
10	64QAM	1	25	20.42	20.57	20.50		
10	64QAM	1	49	20.32	20.50	20.32		
10	64QAM	25	0	19.37	19.45	19.41	21	3
10	64QAM	25	12	19.34	19.46	19.37		
10	64QAM	25	25	19.29	19.47	19.30		
10	64QAM	50	0	19.37	19.43	19.34		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.22	22.41	22.31	24	0
5	QPSK	1	12	22.22	22.27	22.20		
5	QPSK	1	24	22.16	22.13	22.06		
5	QPSK	12	0	21.22	21.33	21.23	23	1
5	QPSK	12	7	21.22	21.25	21.21		
5	QPSK	12	13	21.21	21.30	21.23		
5	QPSK	25	0	21.16	21.33	21.23		
5	16QAM	1	0	21.20	21.26	21.13	23	1
5	16QAM	1	12	21.18	21.32	21.24		
5	16QAM	1	24	21.13	21.31	21.12		
5	16QAM	12	0	20.31	20.48	20.41	22	2
5	16QAM	12	7	20.36	20.48	20.32		
5	16QAM	12	13	20.29	20.39	20.27		
5	16QAM	25	0	20.28	20.41	20.41		
5	64QAM	1	0	20.42	20.45	20.39	22	2
5	64QAM	1	12	20.47	20.65	20.51		
5	64QAM	1	24	20.32	20.43	20.34		
5	64QAM	12	0	19.33	19.47	19.41	21	3
5	64QAM	12	7	19.42	19.45	19.36		
5	64QAM	12	13	19.33	19.41	19.33		
5	64QAM	25	0	19.36	19.39	19.30		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.22	22.32	22.37	24	0
3	QPSK	1	8	22.22	22.26	22.21		
3	QPSK	1	14	22.08	22.15	22.07		
3	QPSK	8	0	21.17	21.34	21.16	23	1
3	QPSK	8	4	21.17	21.37	21.28		
3	QPSK	8	7	21.31	21.27	21.23		
3	QPSK	15	0	21.22	21.28	21.21		
3	16QAM	1	0	21.16	21.23	21.21	23	1
3	16QAM	1	8	21.22	21.23	21.13		
3	16QAM	1	14	21.16	21.28	21.08		
3	16QAM	8	0	20.32	20.48	20.40	22	2
3	16QAM	8	4	20.33	20.41	20.29		
3	16QAM	8	7	20.26	20.46	20.35		
3	16QAM	15	0	20.35	20.48	20.33		
3	64QAM	1	0	20.39	20.46	20.47	22	2
3	64QAM	1	8	20.43	20.64	20.58		
3	64QAM	1	14	20.42	20.47	20.43		
3	64QAM	8	0	19.37	19.42	19.35	21	3
3	64QAM	8	4	19.38	19.40	19.38		
3	64QAM	8	7	19.32	19.46	19.30		
3	64QAM	15	0	19.36	19.40	19.25		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.30	22.34	22.14	24	0
1.4	QPSK	1	3	22.14	22.28	22.22		
1.4	QPSK	1	5	22.08	22.21	22.15		
1.4	QPSK	3	0	22.05	22.23	22.11		
1.4	QPSK	3	1	22.22	22.31	22.23		
1.4	QPSK	3	3	22.28	22.31	22.18		
1.4	QPSK	6	0	21.29	21.44	21.28	23	1
1.4	16QAM	1	0	21.29	21.38	21.29	23	1
1.4	16QAM	1	3	21.14	21.27	21.12		
1.4	16QAM	1	5	21.09	21.25	21.18		
1.4	16QAM	3	0	21.24	21.15	21.01		
1.4	16QAM	3	1	21.10	21.10	21.12		
1.4	16QAM	3	3	21.10	21.20	21.21		
1.4	16QAM	6	0	20.24	20.31	20.20	22	2
1.4	64QAM	1	0	20.22	20.34	20.26	22	2
1.4	64QAM	1	3	20.28	20.21	20.06		
1.4	64QAM	1	5	20.17	20.27	20.03		
1.4	64QAM	3	0	20.40	20.42	20.32		
1.4	64QAM	3	1	20.32	20.34	20.38		
1.4	64QAM	3	3	20.17	20.26	20.22		
1.4	64QAM	6	0	19.33	19.47	19.49	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.83	22.88	22.81	24	0
10	QPSK	1	25	22.72	22.79	22.66		
10	QPSK	1	49	22.67	22.81	22.66		
10	QPSK	25	0	21.82	21.89	21.77	23	1
10	QPSK	25	12	21.79	21.87	21.82		
10	QPSK	25	25	21.70	21.80	21.76		
10	QPSK	50	0	21.75	21.86	21.79		
10	16QAM	1	0	21.77	21.81	21.77	23	1
10	16QAM	1	25	21.64	21.75	21.71		
10	16QAM	1	49	21.65	21.78	21.65		
10	16QAM	25	0	20.74	20.83	20.70	22	2
10	16QAM	25	12	20.71	20.81	20.75		
10	16QAM	25	25	20.75	20.81	20.68		
10	16QAM	50	0	20.75	20.80	20.74		
10	64QAM	1	0	20.83	20.89	20.80	22	2
10	64QAM	1	25	20.89	20.98	20.93		
10	64QAM	1	49	20.88	20.92	20.88		
10	64QAM	25	0	19.76	19.85	19.75	21	3
10	64QAM	25	12	19.68	19.81	19.69		
10	64QAM	25	25	19.71	19.80	19.75		
10	64QAM	50	0	19.72	19.82	19.76		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.73	22.81	22.72	24	0
5	QPSK	1	12	22.58	22.75	22.60		
5	QPSK	1	24	22.55	22.76	22.59		
5	QPSK	12	0	21.74	21.85	21.66	23	1
5	QPSK	12	7	21.70	21.79	21.78		
5	QPSK	12	13	21.55	21.65	21.67		
5	QPSK	25	0	21.63	21.76	21.68		
5	16QAM	1	0	21.65	21.72	21.73	23	1
5	16QAM	1	12	21.49	21.60	21.56		
5	16QAM	1	24	21.57	21.70	21.52		
5	16QAM	12	0	20.62	20.79	20.59	22	2
5	16QAM	12	7	20.60	20.74	20.66		
5	16QAM	12	13	20.70	20.68	20.63		
5	16QAM	25	0	20.60	20.76	20.64		
5	64QAM	1	0	20.73	20.81	20.75	22	2
5	64QAM	1	12	20.74	20.85	20.80		
5	64QAM	1	24	20.74	20.82	20.74		
5	64QAM	12	0	19.63	19.78	19.71	21	3
5	64QAM	12	7	19.58	19.76	19.56		
5	64QAM	12	13	19.64	19.70	19.67		
5	64QAM	25	0	19.59	19.79	19.62		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.71	22.83	22.67	24	0
3	QPSK	1	8	22.68	22.75	22.59		
3	QPSK	1	14	22.61	22.69	22.54		
3	QPSK	8	0	21.72	21.85	21.63	23	1
3	QPSK	8	4	21.74	21.79	21.67		
3	QPSK	8	7	21.57	21.69	21.66		
3	QPSK	15	0	21.65	21.79	21.72		
3	16QAM	1	0	21.68	21.73	21.68	23	1
3	16QAM	1	8	21.51	21.71	21.62		
3	16QAM	1	14	21.50	21.70	21.59		
3	16QAM	8	0	20.64	20.77	20.58	22	2
3	16QAM	8	4	20.61	20.72	20.68		
3	16QAM	8	7	20.62	20.72	20.58		
3	16QAM	15	0	20.72	20.76	20.69		
3	64QAM	1	0	20.79	20.81	20.72	22	2
3	64QAM	1	8	20.83	20.92	20.86		
3	64QAM	1	14	20.76	20.85	20.74		
3	64QAM	8	0	19.66	19.72	19.60	21	3
3	64QAM	8	4	19.59	19.76	19.61		
3	64QAM	8	7	19.58	19.68	19.71		
3	64QAM	15	0	19.59	19.77	19.66		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.80	22.78	22.63	24	0
1.4	QPSK	1	3	22.60	22.79	22.63		
1.4	QPSK	1	5	22.48	22.65	22.57		
1.4	QPSK	3	0	22.47	22.68	22.55		
1.4	QPSK	3	1	22.70	22.78	22.70		
1.4	QPSK	3	3	22.49	22.73	22.59		
1.4	QPSK	6	0	21.69	21.87	21.70	23	1
1.4	16QAM	1	0	21.72	21.85	21.77	23	1
1.4	16QAM	1	3	21.65	21.74	21.63		
1.4	16QAM	1	5	21.57	21.66	21.61		
1.4	16QAM	3	0	21.73	21.64	21.51		
1.4	16QAM	3	1	21.52	21.51	21.57		
1.4	16QAM	3	3	21.51	21.61	21.68		
1.4	16QAM	6	0	20.68	20.72	20.65	22	2
1.4	64QAM	1	0	20.66	20.74	20.67	22	2
1.4	64QAM	1	3	20.78	20.62	20.52		
1.4	64QAM	1	5	20.60	20.75	20.48		
1.4	64QAM	3	0	20.88	20.87	20.82		
1.4	64QAM	3	1	20.79	20.82	20.82		
1.4	64QAM	3	3	20.68	20.70	20.63		
1.4	64QAM	6	0	19.76	19.93	19.97	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.90	22.99	22.94	24	0
20	QPSK	1	49	22.88	22.89	22.87		
20	QPSK	1	99	22.85	22.91	22.81		
20	QPSK	50	0	21.84	22.04	21.96	23	1
20	QPSK	50	24	21.85	21.99	21.86		
20	QPSK	50	50	21.75	21.88	21.85		
20	QPSK	100	0	21.78	21.92	21.90		
20	16QAM	1	0	21.76	21.85	21.80	23	1
20	16QAM	1	49	21.83	21.87	21.83		
20	16QAM	1	99	21.71	21.81	21.68		
20	16QAM	50	0	20.74	20.83	20.80	22	2
20	16QAM	50	24	20.82	20.88	20.78		
20	16QAM	50	50	20.93	20.98	20.81		
20	16QAM	100	0	20.84	20.90	20.80		
20	64QAM	1	0	20.75	20.83	20.80	22	2
20	64QAM	1	49	21.06	21.06	21.03		
20	64QAM	1	99	20.92	21.00	20.94		
20	64QAM	50	0	19.96	20.03	20.01	21	3
20	64QAM	50	24	20.03	20.11	20.02		
20	64QAM	50	50	20.03	20.17	20.12		
20	64QAM	100	0	19.86	19.97	19.92		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.86	22.93	22.89	24	0
15	QPSK	1	37	22.78	22.85	22.79		
15	QPSK	1	74	22.75	22.79	22.71		
15	QPSK	36	0	21.71	21.99	21.86	23	1
15	QPSK	36	20	21.78	21.94	21.77		
15	QPSK	36	39	21.64	21.74	21.82		
15	QPSK	75	0	21.72	21.79	21.81		
15	16QAM	1	0	21.71	21.81	21.72	23	1
15	16QAM	1	37	21.68	21.78	21.78		
15	16QAM	1	74	21.64	21.72	21.62		
15	16QAM	36	0	20.60	20.69	20.68	22	2
15	16QAM	36	20	20.67	20.85	20.64		
15	16QAM	36	39	20.86	20.92	20.75		
15	16QAM	75	0	20.74	20.77	20.76		
15	64QAM	1	0	20.61	20.71	20.67	22	2
15	64QAM	1	37	21.01	20.93	20.96		
15	64QAM	1	74	20.78	20.87	20.91		
15	64QAM	36	0	19.93	19.96	19.96	21	3
15	64QAM	36	20	19.88	20.03	19.99		
15	64QAM	36	39	19.98	20.05	19.98		
15	64QAM	75	0	19.75	19.91	19.84		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.82	22.88	22.82	24	0
10	QPSK	1	25	22.75	22.85	22.80		
10	QPSK	1	49	22.76	22.85	22.75		
10	QPSK	25	0	21.73	21.98	21.84	23	1
10	QPSK	25	12	21.74	21.86	21.81		
10	QPSK	25	25	21.67	21.76	21.78		
10	QPSK	50	0	21.66	21.80	21.86		
10	16QAM	1	0	21.64	21.79	21.67	23	1
10	16QAM	1	25	21.70	21.75	21.71		
10	16QAM	1	49	21.64	21.66	21.54		
10	16QAM	25	0	20.69	20.74	20.66	22	2
10	16QAM	25	12	20.78	20.80	20.69		
10	16QAM	25	25	20.86	20.84	20.77		
10	16QAM	50	0	20.78	20.86	20.65		
10	64QAM	1	0	20.64	20.79	20.68	22	2
10	64QAM	1	25	20.92	20.95	20.96		
10	64QAM	1	49	20.80	20.95	20.84		
10	64QAM	25	0	19.83	19.92	19.87	21	3
10	64QAM	25	12	19.91	20.01	19.88		
10	64QAM	25	25	19.89	20.10	20.07		
10	64QAM	50	0	19.81	19.87	19.88		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.87	22.94	22.85	24	0
5	QPSK	1	12	22.83	22.82	22.77		
5	QPSK	1	24	22.72	22.84	22.67		
5	QPSK	12	0	21.78	21.96	21.93	23	1
5	QPSK	12	7	21.73	21.88	21.77		
5	QPSK	12	13	21.71	21.82	21.72		
5	QPSK	25	0	21.64	21.89	21.76		
5	16QAM	1	0	21.72	21.71	21.72	23	1
5	16QAM	1	12	21.72	21.75	21.73		
5	16QAM	1	24	21.64	21.72	21.61		
5	16QAM	12	0	20.66	20.68	20.70	22	2
5	16QAM	12	7	20.73	20.85	20.73		
5	16QAM	12	13	20.88	20.86	20.75		
5	16QAM	25	0	20.77	20.84	20.73		
5	64QAM	1	0	20.67	20.75	20.77	22	2
5	64QAM	1	12	20.93	20.92	20.92		
5	64QAM	1	24	20.87	20.88	20.81		
5	64QAM	12	0	19.87	19.97	19.86	21	3
5	64QAM	12	7	19.93	20.07	19.99		
5	64QAM	12	13	19.99	20.06	20.08		
5	64QAM	25	0	19.73	19.91	19.80		

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BW [MHz]	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	22.82	22.87	22.78	24	0
20	QPSK	1	49	22.71	22.75	22.65		
20	QPSK	1	99	22.70	22.76	22.78		
20	QPSK	50	0	21.71	21.82	21.70	23	1
20	QPSK	50	24	21.66	21.73	21.62		
20	QPSK	50	50	21.69	21.79	21.63		
20	QPSK	100	0	21.67	21.70	21.64		
20	16QAM	1	0	21.57	21.66	21.67	23	1
20	16QAM	1	49	21.52	21.70	21.54		
20	16QAM	1	99	21.45	21.52	21.44		
20	16QAM	50	0	20.76	20.85	20.75	22	2
20	16QAM	50	24	20.61	20.77	20.64		
20	16QAM	50	50	20.68	20.78	20.71		
20	16QAM	100	0	20.67	20.74	20.66		
20	64QAM	1	0	20.31	20.43	20.34	22	2
20	64QAM	1	49	20.42	20.53	20.48		
20	64QAM	1	99	20.48	20.49	20.43		
20	64QAM	50	0	19.84	19.89	19.86	21	3
20	64QAM	50	24	19.81	19.90	19.80		
20	64QAM	50	50	19.86	19.91	19.78		
20	64QAM	100	0	19.74	19.92	19.82		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.72	22.78	22.74	24	0
15	QPSK	1	37	22.62	22.61	22.51		
15	QPSK	1	74	22.60	22.67	22.69		
15	QPSK	36	0	21.59	21.71	21.66	23	1
15	QPSK	36	20	21.56	21.61	21.49		
15	QPSK	36	39	21.61	21.72	21.51		
15	QPSK	75	0	21.62	21.61	21.55		
15	16QAM	1	0	21.48	21.52	21.63	23	1
15	16QAM	1	37	21.37	21.63	21.45		
15	16QAM	1	74	21.32	21.41	21.35		
15	16QAM	36	0	20.68	20.75	20.71	22	2
15	16QAM	36	20	20.47	20.71	20.52		
15	16QAM	36	39	20.53	20.66	20.63		
15	16QAM	75	0	20.53	20.62	20.57		
15	64QAM	1	0	20.27	20.40	20.23	22	2
15	64QAM	1	37	20.34	20.44	20.43		
15	64QAM	1	74	20.35	20.38	20.28		
15	64QAM	36	0	19.73	19.77	19.78	21	3
15	64QAM	36	20	19.76	19.79	19.74		
15	64QAM	36	39	19.81	19.87	19.65		
15	64QAM	75	0	19.67	19.85	19.78		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.73	22.74	22.74	24	0
10	QPSK	1	25	22.61	22.67	22.51		
10	QPSK	1	49	22.63	22.69	22.66		
10	QPSK	25	0	21.58	21.74	21.60	23	1
10	QPSK	25	12	21.52	21.59	21.58		
10	QPSK	25	25	21.63	21.64	21.59		
10	QPSK	50	0	21.63	21.59	21.60		
10	16QAM	1	0	21.43	21.59	21.61	23	1
10	16QAM	1	25	21.38	21.62	21.50		
10	16QAM	1	49	21.35	21.39	21.40		
10	16QAM	25	0	20.62	20.75	20.64	22	2
10	16QAM	25	12	20.53	20.74	20.56		
10	16QAM	25	25	20.58	20.73	20.63		
10	16QAM	50	0	20.57	20.60	20.52		
10	64QAM	1	0	20.20	20.34	20.24	22	2
10	64QAM	1	25	20.27	20.48	20.38		
10	64QAM	1	49	20.34	20.40	20.34		
10	64QAM	25	0	19.75	19.83	19.74	21	3
10	64QAM	25	12	19.71	19.76	19.71		
10	64QAM	25	25	19.73	19.80	19.67		
10	64QAM	50	0	19.60	19.84	19.77		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.70	22.81	22.68	24	0
5	QPSK	1	12	22.58	22.70	22.52		
5	QPSK	1	24	22.60	22.63	22.66		
5	QPSK	12	0	21.67	21.72	21.58	23	1
5	QPSK	12	7	21.59	21.69	21.48		
5	QPSK	12	13	21.55	21.75	21.59		
5	QPSK	25	0	21.60	21.56	21.53		
5	16QAM	1	0	21.51	21.53	21.58	23	1
5	16QAM	1	12	21.43	21.55	21.48		
5	16QAM	1	24	21.30	21.49	21.30		
5	16QAM	12	0	20.71	20.77	20.67	22	2
5	16QAM	12	7	20.48	20.68	20.56		
5	16QAM	12	13	20.55	20.74	20.64		
5	16QAM	25	0	20.61	20.70	20.57		
5	64QAM	1	0	20.22	20.34	20.30	22	2
5	64QAM	1	12	20.31	20.43	20.38		
5	64QAM	1	24	20.37	20.44	20.28		
5	64QAM	12	0	19.76	19.76	19.83	21	3
5	64QAM	12	7	19.68	19.84	19.71		
5	64QAM	12	13	19.78	19.78	19.73		
5	64QAM	25	0	19.66	19.87	19.68		

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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	22.81	22.70	22.89	22.77	22.75	24	0
20	QPSK	1	49	22.73	22.74	22.80	22.80	22.76		
20	QPSK	1	99	22.60	22.72	22.76	22.71	22.74		
20	QPSK	50	0	21.80	21.70	21.84	21.67	21.62	23	1
20	QPSK	50	24	21.75	21.71	21.73	21.71	21.75		
20	QPSK	50	50	21.83	21.76	21.76	21.70	21.73		
20	QPSK	100	0	21.76	21.68	21.78	21.72	21.75		
20	16QAM	1	0	21.65	21.67	21.73	21.65	21.72	23	1
20	16QAM	1	49	21.78	21.78	21.75	21.73	21.73		
20	16QAM	1	99	21.79	21.70	21.76	21.71	21.63		
20	16QAM	50	0	20.81	20.69	20.76	20.68	20.65	22	2
20	16QAM	50	24	20.74	20.72	20.77	20.69	20.73		
20	16QAM	50	50	20.74	20.67	20.81	20.70	20.71		
20	16QAM	100	0	20.82	20.63	20.77	20.68	20.76		
20	64QAM	1	0	20.32	20.36	20.51	20.49	20.45	22	2
20	64QAM	1	49	20.52	20.44	20.47	20.44	20.53		
20	64QAM	1	99	20.48	20.37	20.50	20.37	20.38		
20	64QAM	50	0	19.92	19.74	19.92	19.79	19.93	21	3
20	64QAM	50	24	19.96	19.89	19.96	19.81	19.80		
20	64QAM	50	50	19.83	19.81	19.83	19.85	19.66		
20	64QAM	100	0	19.89	19.83	19.85	19.78	19.81		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.66	22.64	22.80	22.71	22.61	24	0
15	QPSK	1	37	22.67	22.68	22.69	22.66	22.66		
15	QPSK	1	74	22.56	22.60	22.62	22.59	22.67		
15	QPSK	36	0	21.72	21.57	21.71	21.55	21.52	23	1
15	QPSK	36	20	21.64	21.62	21.67	21.60	21.60		
15	QPSK	36	39	21.71	21.68	21.65	21.58	21.62		
15	QPSK	75	0	21.66	21.57	21.72	21.63	21.68		
15	16QAM	1	0	21.60	21.62	21.67	21.51	21.65	23	1
15	16QAM	1	37	21.69	21.67	21.63	21.61	21.70		
15	16QAM	1	74	21.72	21.57	21.70	21.66	21.51		
15	16QAM	36	0	20.73	20.55	20.64	20.61	20.57	22	2
15	16QAM	36	20	20.65	20.64	20.63	20.54	20.66		
15	16QAM	36	39	20.62	20.62	20.76	20.63	20.60		
15	16QAM	75	0	20.69	20.58	20.72	20.54	20.68		
15	64QAM	1	0	20.18	20.29	20.48	20.37	20.39	22	2
15	64QAM	1	37	20.44	20.29	20.39	20.38	20.46		
15	64QAM	1	74	20.34	20.31	20.36	20.30	20.25		
15	64QAM	36	0	19.79	19.68	19.79	19.65	19.87	21	3
15	64QAM	36	20	19.83	19.80	19.85	19.75	19.74		
15	64QAM	36	39	19.70	19.78	19.72	19.79	19.52		
15	64QAM	75	0	19.78	19.79	19.71	19.70	19.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.73	22.64	22.76	22.68	22.63	24.00	0
10	QPSK	1	25	22.62	22.61	22.73	22.75	22.68		
10	QPSK	1	49	22.50	22.68	22.70	22.63	22.69		
10	QPSK	25	0	21.75	21.64	21.74	21.60	21.57	23	1
10	QPSK	25	12	21.65	21.64	21.63	21.63	21.68		
10	QPSK	25	25	21.75	21.66	21.69	21.62	21.68		
10	QPSK	50	0	21.72	21.56	21.64	21.64	21.68		
10	16QAM	1	0	21.53	21.56	21.64	21.61	21.62	23	1
10	16QAM	1	25	21.67	21.71	21.60	21.59	21.60		
10	16QAM	1	49	21.73	21.60	21.66	21.64	21.60		
10	16QAM	25	0	20.78	20.58	20.71	20.53	20.51	22	2
10	16QAM	25	12	20.62	20.67	20.64	20.63	20.70		
10	16QAM	25	25	20.69	20.63	20.72	20.65	20.59		
10	16QAM	50	0	20.78	20.55	20.71	20.58	20.65		
10	64QAM	1	0	20.25	20.32	20.45	20.37	20.34	22	2
10	64QAM	1	25	20.37	20.30	20.43	20.36	20.42		
10	64QAM	1	49	20.37	20.25	20.45	20.27	20.28		
10	64QAM	25	0	19.81	19.62	19.78	19.74	19.82	21	3
10	64QAM	25	12	19.89	19.79	19.88	19.70	19.74		
10	64QAM	25	25	19.78	19.69	19.77	19.80	19.57		
10	64QAM	50	0	19.81	19.71	19.71	19.69	19.68		
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	22.74	22.55	22.81	22.69	22.68	24.00	0
5	QPSK	1	12	22.65	22.64	22.69	22.77	22.64		
5	QPSK	1	24	22.54	22.61	22.61	22.58	22.69		
5	QPSK	12	0	21.69	21.64	21.80	21.55	21.53	23	1
5	QPSK	12	7	21.62	21.60	21.66	21.65	21.71		
5	QPSK	12	13	21.71	21.68	21.70	21.59	21.65		
5	QPSK	25	0	21.67	21.60	21.65	21.57	21.69		
5	16QAM	1	0	21.60	21.52	21.66	21.56	21.63	23	1
5	16QAM	1	12	21.65	21.69	21.62	21.67	21.67		
5	16QAM	1	24	21.73	21.58	21.67	21.60	21.53		
5	16QAM	12	0	20.76	20.61	20.62	20.62	20.61	22	2
5	16QAM	12	7	20.69	20.65	20.70	20.54	20.68		
5	16QAM	12	13	20.70	20.63	20.71	20.57	20.58		
5	16QAM	25	0	20.68	20.57	20.69	20.64	20.68		
5	64QAM	1	0	20.25	20.32	20.41	20.37	20.38	22	2
5	64QAM	1	12	20.46	20.41	20.42	20.31	20.43		
5	64QAM	1	24	20.36	20.31	20.41	20.29	20.30		
5	64QAM	12	0	19.83	19.68	19.82	19.73	19.79	21	3
5	64QAM	12	7	19.91	19.79	19.82	19.70	19.77		
5	64QAM	12	13	19.75	19.73	19.72	19.72	19.61		
5	64QAM	25	0	19.77	19.72	19.77	19.67	19.73		

GSM850 Ant7 DSI2

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	30.83	30.88	30.87	32.00	21.83	21.88	21.87	23.00
GPRS 1 Tx slot	30.82	30.86	30.71	32.00	21.82	21.86	21.71	23.00
GPRS 2 Tx slots	29.86	29.91	29.87	31.00	23.86	23.91	23.87	25.00
GPRS 3 Tx slots	28.04	28.09	28.00	29.00	23.78	23.83	23.74	24.74
GPRS 4 Tx slots	26.86	26.97	26.83	28.00	23.86	23.97	23.83	25.00
EDGE 1 Tx slot	25.17	25.29	25.25	26.00	16.17	16.29	16.25	17.00
EDGE 2 Tx slots	24.10	24.23	24.08	25.00	18.10	18.23	18.08	19.00
EDGE 3 Tx slots	22.04	22.12	22.06	23.00	17.78	17.86	17.80	18.74
EDGE 4 Tx slots	20.79	20.88	20.83	22.00	17.79	17.88	17.83	19.00

GSM1900 Ant7 DSI2

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	24.80	24.89	24.83	26.50	15.80	15.89	15.83	17.50
GPRS 1 Tx slot	24.73	24.84	24.74	26.50	15.73	15.84	15.74	17.50
GPRS 2 Tx slots	24.09	24.22	24.15	25.50	18.09	18.22	18.15	19.50
GPRS 3 Tx slots	22.36	22.47	22.39	24.00	18.10	18.21	18.13	19.74
GPRS 4 Tx slots	21.32	21.46	21.36	23.00	18.32	18.46	18.36	20.00
EDGE 1 Tx slot	21.27	21.44	21.25	23.00	12.27	12.44	12.25	14.00
EDGE 2 Tx slots	20.32	20.42	20.28	22.00	14.32	14.42	14.28	16.00
EDGE 3 Tx slots	18.22	18.33	18.27	20.00	13.96	14.07	14.01	15.74
EDGE 4 Tx slots	16.97	17.06	16.93	18.50	13.97	14.06	13.93	15.50

		WCDMA II Ant7 DSI2				WCDMA IV Ant7 DSI2				WCDMA V Ant7 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	17.76	17.71	17.77	19.00	17.94	18.07	18.06	19.00	21.50	21.68	21.65	23.00
3GPP Rel 99	RMC 12.2Kbps	17.83	17.92	17.85	19.00	18.00	18.26	18.09	19.00	21.59	21.75	21.68	23.00
3GPP Rel 6	HSDPA Subtest-1	16.87	17.01	16.89	18.00	16.99	17.13	16.99	18.00	20.71	20.85	20.61	22.00
3GPP Rel 6	HSDPA Subtest-2	16.77	16.72	16.81	18.00	17.05	17.06	16.91	18.00	20.62	20.60	20.54	22.00
3GPP Rel 6	HSDPA Subtest-3	16.09	16.13	16.09	17.50	16.41	16.44	16.32	17.50	19.98	20.09	19.96	21.50
3GPP Rel 6	HSDPA Subtest-4	16.34	16.29	16.27	17.50	16.71	16.47	16.66	17.50	20.19	20.16	20.15	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	16.69	16.83	16.69	18.00	17.11	17.07	17.15	18.00	20.65	20.73	20.68	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.61	16.57	16.50	18.00	16.91	16.88	16.92	18.00	20.46	20.51	20.45	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.01	16.12	15.97	17.50	16.10	16.28	16.18	17.50	19.86	19.99	19.79	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.18	16.18	16.07	17.50	16.33	16.45	16.32	17.50	19.93	20.04	19.93	21.50
3GPP Rel 6	HSUPA Subtest-1	16.67	16.84	16.65	18.00	17.09	17.10	17.04	18.00	20.65	20.76	20.60	22.00
3GPP Rel 6	HSUPA Subtest-2	14.63	15.13	14.87	16.00	14.97	15.18	15.11	16.00	18.66	18.82	18.80	20.00
3GPP Rel 6	HSUPA Subtest-3	15.94	16.12	16.05	17.00	16.11	16.36	16.18	17.00	19.64	19.86	19.82	21.00
3GPP Rel 6	HSUPA Subtest-4	14.63	14.92	14.73	16.00	14.89	15.08	14.93	16.00	18.64	18.73	18.55	20.00
3GPP Rel 6	HSUPA Subtest-5	16.57	16.72	16.71	18.00	16.88	17.08	17.00	18.00	20.51	20.64	20.55	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.26	14.53	14.27	15.50	14.61	14.86	14.63	15.50	18.17	18.28	18.17	19.50

Band 2 Ant7 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.70	18.80	18.47	20	0
20	QPSK	1	49	18.62	18.60	18.39		
20	QPSK	1	99	18.49	18.59	18.44		
20	QPSK	50	0	18.61	18.74	18.34	20	0
20	QPSK	50	24	18.55	18.50	18.25		
20	QPSK	50	50	18.38	18.52	18.46		
20	QPSK	100	0	18.62	18.64	18.40		
20	16QAM	1	0	18.49	18.55	18.25	20	0
20	16QAM	1	49	18.33	18.55	18.28		
20	16QAM	1	99	18.54	18.74	18.49		
20	16QAM	50	0	18.60	18.43	18.36	20	0
20	16QAM	50	24	18.37	18.51	18.38		
20	16QAM	50	50	18.50	18.60	18.44		
20	16QAM	100	0	18.54	18.46	18.41		
20	64QAM	1	0	18.67	18.71	18.33	20	0
20	64QAM	1	49	18.49	18.59	18.26		
20	64QAM	1	99	18.39	18.57	18.30		
20	64QAM	50	0	17.72	17.72	17.73	19	1
20	64QAM	50	24	17.49	17.81	17.60		
20	64QAM	50	50	17.39	17.66	17.43		
20	64QAM	100	0	17.59	17.56	17.65		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.58	18.42	18.18	20	0
15	QPSK	1	37	18.42	18.39	18.35		
15	QPSK	1	74	18.44	18.59	18.31		
15	QPSK	36	0	18.46	18.59	18.17	20	0
15	QPSK	36	20	18.38	18.44	18.24		
15	QPSK	36	39	18.26	18.40	18.38		
15	QPSK	75	0	18.62	18.63	18.21		
15	16QAM	1	0	18.56	18.57	18.17	20	0
15	16QAM	1	37	18.31	18.42	18.23		
15	16QAM	1	74	18.53	18.62	18.27		
15	16QAM	36	0	18.43	18.34	18.27	20	0
15	16QAM	36	20	18.35	18.39	18.16		
15	16QAM	36	39	18.42	18.61	18.42		
15	16QAM	75	0	18.51	18.31	18.30		
15	64QAM	1	0	18.41	18.40	18.41	20	0
15	64QAM	1	37	18.48	18.39	18.41		
15	64QAM	1	74	18.44	18.50	18.30		
15	64QAM	36	0	17.28	17.63	17.58	19	1
15	64QAM	36	20	17.27	17.64	17.39		
15	64QAM	36	39	17.51	17.44	17.52		
15	64QAM	75	0	17.48	17.52	17.43		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.49	18.50	18.24	20	0
10	QPSK	1	25	18.46	18.50	18.30		
10	QPSK	1	49	18.55	18.43	18.19		
10	QPSK	25	0	18.43	18.55	18.27	20	0
10	QPSK	25	12	18.40	18.36	18.21		
10	QPSK	25	25	18.37	18.48	18.25		
10	QPSK	50	0	18.58	18.57	18.24		
10	16QAM	1	0	18.54	18.53	18.31	20	0
10	16QAM	1	25	18.29	18.59	18.39		
10	16QAM	1	49	18.58	18.58	18.21		
10	16QAM	25	0	18.55	18.40	18.18	20	0
10	16QAM	25	12	18.36	18.50	18.37		
10	16QAM	25	25	18.51	18.50	18.30		
10	16QAM	50	0	18.55	18.40	18.30		
10	64QAM	1	0	18.44	18.43	18.21	20	0
10	64QAM	1	25	18.37	18.41	18.29		
10	64QAM	1	49	18.47	18.55	18.31		
10	64QAM	25	0	17.42	17.79	17.39	19	1
10	64QAM	25	12	17.38	17.49	17.39		
10	64QAM	25	25	17.54	17.56	17.54		
10	64QAM	50	0	17.54	17.48	17.45		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.53	18.73	18.46	20	0
5	QPSK	1	12	18.51	18.60	18.25		
5	QPSK	1	24	18.32	18.47	18.33		
5	QPSK	12	0	18.54	18.45	18.19	20	0
5	QPSK	12	7	18.43	18.42	18.28		
5	QPSK	12	13	18.40	18.61	18.27		
5	QPSK	25	0	18.45	18.75	18.34		
5	16QAM	1	0	18.52	18.44	18.23	20	0
5	16QAM	1	12	18.39	18.53	18.44		
5	16QAM	1	24	18.48	18.56	18.20		
5	16QAM	12	0	18.40	18.22	18.22	20	0
5	16QAM	12	7	18.26	18.53	18.26		
5	16QAM	12	13	18.48	18.56	18.23		
5	16QAM	25	0	18.43	18.39	18.32		
5	64QAM	1	0	18.29	18.43	18.34	20	0
5	64QAM	1	12	18.52	18.60	18.23		
5	64QAM	1	24	18.26	18.43	18.21		
5	64QAM	12	0	17.74	17.60	17.73	19	1
5	64QAM	12	7	17.31	17.74	17.39		
5	64QAM	12	13	17.36	17.60	17.31		
5	64QAM	25	0	17.47	17.48	17.51		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.68	18.59	18.29	20	0
3	QPSK	1	8	18.47	18.44	18.22		
3	QPSK	1	14	18.38	18.53	18.44		
3	QPSK	8	0	18.48	18.52	18.26	20	0
3	QPSK	8	4	18.42	18.45	18.39		
3	QPSK	8	7	18.43	18.51	18.45		
3	QPSK	15	0	18.57	18.56	18.16		
3	16QAM	1	0	18.34	18.44	18.26	20	0
3	16QAM	1	8	18.43	18.59	18.31		
3	16QAM	1	14	18.35	18.37	18.45		
3	16QAM	8	0	18.41	18.57	18.23	20	0
3	16QAM	8	4	18.22	18.47	18.16		
3	16QAM	8	7	18.41	18.51	18.31		
3	16QAM	15	0	18.53	18.41	18.35		
3	64QAM	1	0	18.51	18.59	18.26	20	0
3	64QAM	1	8	18.46	18.40	18.25		
3	64QAM	1	14	18.42	18.49	18.26		
3	64QAM	8	0	17.63	17.62	17.67	19	1
3	64QAM	8	4	17.40	17.63	17.53		
3	64QAM	8	7	17.35	17.48	17.38		
3	64QAM	15	0	17.43	17.41	17.46		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.51	18.62	18.25	20	0
1.4	QPSK	1	3	18.62	18.48	18.35		
1.4	QPSK	1	5	18.43	18.47	18.41		
1.4	QPSK	3	0	18.43	18.48	18.25		
1.4	QPSK	3	1	18.50	18.50	18.19		
1.4	QPSK	3	3	18.60	18.60	18.41		
1.4	QPSK	6	0	18.45	18.61	18.28	20	0
1.4	16QAM	1	0	18.61	18.66	18.30	20	0
1.4	16QAM	1	3	18.47	18.49	18.40		
1.4	16QAM	1	5	18.35	18.42	18.33		
1.4	16QAM	3	0	18.45	18.47	18.16		
1.4	16QAM	3	1	18.51	18.48	18.29		
1.4	16QAM	3	3	18.41	18.56	18.34		
1.4	16QAM	6	0	18.57	18.61	18.20	20	0
1.4	64QAM	1	0	18.42	18.41	18.33	20	0
1.4	64QAM	1	3	18.49	18.40	18.30		
1.4	64QAM	1	5	18.39	18.54	18.16		
1.4	64QAM	3	0	18.45	18.48	18.28		
1.4	64QAM	3	1	18.35	18.49	18.24		
1.4	64QAM	3	3	18.61	18.49	18.15		
1.4	64QAM	6	0	17.57	17.48	17.61	19	1

Band 4 Ant7 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.86	17.99	17.82	19.5	0
20	QPSK	1	49	17.87	17.76	17.64		
20	QPSK	1	99	17.68	17.75	17.77		
20	QPSK	50	0	17.84	17.90	17.73	19.5	0
20	QPSK	50	24	17.81	17.75	17.83		
20	QPSK	50	50	17.65	17.66	17.74		
20	QPSK	100	0	17.76	17.88	17.70		
20	16QAM	1	0	17.87	17.62	17.64	19.5	0
20	16QAM	1	49	17.64	17.68	17.75		
20	16QAM	1	99	17.73	17.93	17.81		
20	16QAM	50	0	17.70	17.63	17.76	19.5	0
20	16QAM	50	24	17.64	17.67	17.65		
20	16QAM	50	50	17.67	17.88	17.71		
20	16QAM	100	0	17.86	17.58	17.61		
20	64QAM	1	0	17.87	17.90	17.78	19.5	0
20	64QAM	1	49	17.82	17.69	17.65		
20	64QAM	1	99	17.59	17.69	17.71		
20	64QAM	50	0	17.29	17.40	17.30	19	0.5
20	64QAM	50	24	17.25	17.49	17.28		
20	64QAM	50	50	17.28	17.32	17.21		
20	64QAM	100	0	17.27	17.30	17.31		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.72	17.80	17.78	19.5	0
15	QPSK	1	37	17.87	17.59	17.63		
15	QPSK	1	74	17.61	17.61	17.56		
15	QPSK	36	0	17.62	17.67	17.70	19.5	0
15	QPSK	36	20	17.66	17.56	17.73		
15	QPSK	36	39	17.62	17.66	17.64		
15	QPSK	75	0	17.59	17.86	17.71		
15	16QAM	1	0	17.83	17.69	17.51	19.5	0
15	16QAM	1	37	17.51	17.55	17.73		
15	16QAM	1	74	17.86	17.68	17.51		
15	16QAM	36	0	17.80	17.59	17.63	19.5	0
15	16QAM	36	20	17.52	17.66	17.66		
15	16QAM	36	39	17.72	17.83	17.61		
15	16QAM	75	0	17.80	17.80	17.71		
15	64QAM	1	0	17.68	17.65	17.58	19.5	0
15	64QAM	1	37	17.69	17.63	17.68		
15	64QAM	1	74	17.76	17.77	17.56		
15	64QAM	36	0	17.27	17.28	17.23	19	0.5
15	64QAM	36	20	17.17	17.27	17.14		
15	64QAM	36	39	17.27	17.10	17.16		
15	64QAM	75	0	17.25	17.22	17.31		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.64	17.96	17.82	19.5	0
10	QPSK	1	25	17.68	17.62	17.56		
10	QPSK	1	49	17.69	17.61	17.67		
10	QPSK	25	0	17.65	17.69	17.53	19.5	0
10	QPSK	25	12	17.88	17.72	17.55		
10	QPSK	25	25	17.50	17.54	17.78		
10	QPSK	50	0	17.85	17.74	17.61		
10	16QAM	1	0	17.65	17.53	17.52	19.5	0
10	16QAM	1	25	17.80	17.69	17.60		
10	16QAM	1	49	17.59	17.66	17.63		
10	16QAM	25	0	17.64	17.68	17.68	19.5	0
10	16QAM	25	12	17.71	17.57	17.51		
10	16QAM	25	25	17.63	17.63	17.74		
10	16QAM	50	0	17.71	17.72	17.74		
10	64QAM	1	0	17.83	17.71	17.54	19.5	0
10	64QAM	1	25	17.63	17.54	17.57		
10	64QAM	1	49	17.77	17.76	17.58		
10	64QAM	25	0	17.19	17.32	17.30	19	0.5
10	64QAM	25	12	17.21	17.28	17.17		
10	64QAM	25	25	17.28	17.30	17.19		
10	64QAM	50	0	17.16	17.32	17.18		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.70	17.57	17.57	19.5	0
5	QPSK	1	12	17.51	17.77	17.57		
5	QPSK	1	24	17.83	17.83	17.54		
5	QPSK	12	0	17.72	17.70	17.55	19.5	0
5	QPSK	12	7	17.67	17.62	17.61		
5	QPSK	12	13	17.56	17.61	17.64		
5	QPSK	25	0	17.68	17.71	17.55		
5	16QAM	1	0	17.74	17.58	17.51	19.5	0
5	16QAM	1	12	17.57	17.56	17.74		
5	16QAM	1	24	17.86	17.77	17.51		
5	16QAM	12	0	17.69	17.59	17.56	19.5	0
5	16QAM	12	7	17.71	17.65	17.54		
5	16QAM	12	13	17.66	17.74	17.51		
5	16QAM	25	0	17.69	17.64	17.76		
5	64QAM	1	0	17.75	17.77	17.57	19.5	0
5	64QAM	1	12	17.65	17.71	17.65		
5	64QAM	1	24	17.69	17.87	17.71		
5	64QAM	12	0	17.23	17.23	17.18	19	0.5
5	64QAM	12	7	17.19	17.46	17.26		
5	64QAM	12	13	17.06	17.17	17.19		
5	64QAM	25	0	17.15	17.28	17.29		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.73	17.86	17.74	19.5	0
3	QPSK	1	8	17.69	17.61	17.53		
3	QPSK	1	14	17.56	17.74	17.67		
3	QPSK	8	0	17.86	17.85	17.57	19.5	0
3	QPSK	8	4	17.79	17.60	17.69		
3	QPSK	8	7	17.58	17.59	17.62		
3	QPSK	15	0	17.76	17.83	17.69		
3	16QAM	1	0	17.81	17.54	17.55	19.5	0
3	16QAM	1	8	17.63	17.50	17.56		
3	16QAM	1	14	17.54	17.87	17.80		
3	16QAM	8	0	17.59	17.59	17.55	19.5	0
3	16QAM	8	4	17.82	17.69	17.56		
3	16QAM	8	7	17.61	17.66	17.65		
3	16QAM	15	0	17.82	17.68	17.52		
3	64QAM	1	0	17.73	17.55	17.54	19.5	0
3	64QAM	1	8	17.62	17.69	17.64		
3	64QAM	1	14	17.68	17.65	17.74		
3	64QAM	8	0	17.27	17.24	17.17	19	0.5
3	64QAM	8	4	17.25	17.39	17.17		
3	64QAM	8	7	17.29	17.13	17.10		
3	64QAM	15	0	17.23	17.24	17.16		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.86	17.73	17.53	19.5	0
1.4	QPSK	1	3	17.66	17.73	17.76		
1.4	QPSK	1	5	17.78	17.84	17.65		
1.4	QPSK	3	0	17.71	17.72	17.56		
1.4	QPSK	3	1	17.86	17.57	17.62		
1.4	QPSK	3	3	17.57	17.56	17.56		
1.4	QPSK	6	0	17.80	17.72	17.72	19.5	0
1.4	16QAM	1	0	17.81	17.56	17.56	19.5	0
1.4	16QAM	1	3	17.59	17.75	17.77		
1.4	16QAM	1	5	17.67	17.67	17.72		
1.4	16QAM	3	0	17.69	17.54	17.78		
1.4	16QAM	3	1	17.63	17.62	17.58		
1.4	16QAM	3	3	17.87	17.67	17.57		
1.4	16QAM	6	0	17.62	17.54	17.73	19.5	0
1.4	64QAM	1	0	17.84	17.62	17.54	19.5	0
1.4	64QAM	1	3	17.68	17.65	17.75		
1.4	64QAM	1	5	17.79	17.70	17.72		
1.4	64QAM	3	0	17.87	17.73	17.57		
1.4	64QAM	3	1	17.67	17.66	17.69		
1.4	64QAM	3	3	17.63	17.75	17.73		
1.4	64QAM	6	0	17.08	17.31	17.23	19	0.5

Band 5 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.41	21.48	21.36	22	0
10	QPSK	1	25	21.34	21.41	21.30		
10	QPSK	1	49	21.22	21.26	21.17		
10	QPSK	25	0	20.25	20.39	20.24	21	1
10	QPSK	25	12	20.23	20.34	20.20		
10	QPSK	25	25	20.11	20.23	20.19		
10	QPSK	50	0	20.20	20.29	20.14		
10	16QAM	1	0	20.20	20.28	20.21	21	1
10	16QAM	1	25	20.06	20.20	20.09		
10	16QAM	1	49	20.08	20.21	20.12		
10	16QAM	25	0	19.26	19.35	19.25	20	2
10	16QAM	25	12	19.25	19.31	19.28		
10	16QAM	25	25	19.06	19.20	19.08		
10	16QAM	50	0	19.17	19.28	19.22		
10	64QAM	1	0	19.29	19.42	19.35	20	2
10	64QAM	1	25	19.38	19.48	19.38		
10	64QAM	1	49	19.33	19.41	19.32		
10	64QAM	25	0	18.28	18.37	18.25	19	3
10	64QAM	25	12	18.24	18.33	18.19		
10	64QAM	25	25	18.09	18.21	18.11		
10	64QAM	50	0	18.14	18.29	18.16		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.29	21.45	21.23	22	0
5	QPSK	1	12	21.22	21.31	21.23		
5	QPSK	1	24	21.14	21.20	21.03		
5	QPSK	12	0	20.15	20.35	20.10	21	1
5	QPSK	12	7	20.13	20.29	20.10		
5	QPSK	12	13	20.06	20.18	20.13		
5	QPSK	25	0	20.12	20.17	20.06		
5	16QAM	1	0	20.09	20.20	20.12	21	1
5	16QAM	1	12	19.95	20.10	20.04		
5	16QAM	1	24	19.93	20.12	20.01		
5	16QAM	12	0	19.18	19.27	19.14	20	2
5	16QAM	12	7	19.13	19.26	19.22		
5	16QAM	12	13	18.98	19.12	18.98		
5	16QAM	25	0	19.04	19.15	19.16		
5	64QAM	1	0	19.25	19.34	19.24	20	2
5	64QAM	1	12	19.28	19.36	19.25		
5	64QAM	1	24	19.26	19.37	19.27		
5	64QAM	12	0	18.20	18.28	18.10	19	3
5	64QAM	12	7	18.16	18.30	18.13		
5	64QAM	12	13	17.96	18.07	17.97		
5	64QAM	25	0	18.01	18.18	18.13		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.28	21.33	21.31	22	0
3	QPSK	1	8	21.28	21.34	21.18		
3	QPSK	1	14	21.11	21.18	21.11		
3	QPSK	8	0	20.12	20.35	20.12	21	1
3	QPSK	8	4	20.11	20.20	20.09		
3	QPSK	8	7	20.06	20.11	20.14		
3	QPSK	15	0	20.08	20.20	19.99		
3	16QAM	1	0	20.08	20.16	20.14	21	1
3	16QAM	1	8	20.01	20.16	20.05		
3	16QAM	1	14	19.93	20.10	20.01		
3	16QAM	8	0	19.12	19.25	19.18	20	2
3	16QAM	8	4	19.12	19.22	19.21		
3	16QAM	8	7	18.99	19.06	18.98		
3	16QAM	15	0	19.05	19.23	19.16		
3	64QAM	1	0	19.16	19.36	19.31	20	2
3	64QAM	1	8	19.23	19.33	19.27		
3	64QAM	1	14	19.19	19.33	19.24		
3	64QAM	8	0	18.25	18.33	18.18	19	3
3	64QAM	8	4	18.13	18.26	18.14		
3	64QAM	8	7	18.01	18.11	18.06		
3	64QAM	15	0	18.06	18.15	18.08		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.30	21.35	21.24	22	0
1.4	QPSK	1	3	21.35	21.26	21.13		
1.4	QPSK	1	5	21.07	21.26	21.11		
1.4	QPSK	3	0	21.28	21.32	21.27		
1.4	QPSK	3	1	21.30	21.34	21.20		
1.4	QPSK	3	3	21.10	21.20	21.15		
1.4	QPSK	6	0	20.16	20.37	20.28	21	1
1.4	16QAM	1	0	20.25	20.27	20.27	21	1
1.4	16QAM	1	3	20.09	20.31	20.10		
1.4	16QAM	1	5	20.19	20.21	20.15		
1.4	16QAM	3	0	20.06	20.13	20.06		
1.4	16QAM	3	1	20.22	20.18	20.14		
1.4	16QAM	3	3	20.07	20.08	20.04		
1.4	16QAM	6	0	19.17	19.36	19.18	20	2
1.4	64QAM	1	0	19.30	19.24	19.26	20	2
1.4	64QAM	1	3	19.09	19.17	19.01		
1.4	64QAM	1	5	19.16	19.22	19.19		
1.4	64QAM	3	0	19.35	19.46	19.31		
1.4	64QAM	3	1	19.30	19.31	19.35		
1.4	64QAM	3	3	19.17	19.33	19.28		
1.4	64QAM	6	0	18.47	18.46	18.33	19	3

Reduced Power for DSI 3 for Main PA

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	32.87	32.91	32.84	33.50	23.87	23.91	23.84	24.50
GPRS 1 Tx slot	32.76	32.82	32.70	33.50	23.76	23.82	23.70	24.50
GPRS 2 Tx slots	31.81	31.87	31.73	32.50	25.81	25.87	25.73	26.50
GPRS 3 Tx slots	29.99	30.09	29.98	31.00	25.73	25.83	25.72	26.74
GPRS 4 Tx slots	28.87	28.98	28.87	30.00	25.87	25.98	25.87	27.00
EDGE 1 Tx slot	27.19	27.24	27.20	28.50	18.19	18.24	18.20	19.50
EDGE 2 Tx slots	26.06	26.18	26.06	27.50	20.06	20.18	20.06	21.50
EDGE 3 Tx slots	24.06	24.20	24.10	25.50	19.80	19.94	19.84	21.24
EDGE 4 Tx slots	22.74	22.86	22.82	24.00	19.74	19.86	19.82	21.00

GSM1900 Ant1 DSI3

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	23.63	23.71	23.51	25.00	14.63	14.71	14.51	16.00
GPRS 1 Tx slot	23.59	23.61	23.51	25.00	14.59	14.61	14.51	16.00
GPRS 2 Tx slots	22.83	22.90	22.78	24.00	16.83	16.90	16.78	18.00
GPRS 3 Tx slots	21.18	21.20	21.11	22.50	16.92	16.94	16.85	18.24
GPRS 4 Tx slots	20.12	20.21	20.19	21.50	17.12	17.21	17.19	18.50
EDGE 1 Tx slot	20.03	20.10	20.07	21.50	11.03	11.10	11.07	12.50
EDGE 2 Tx slots	18.99	19.16	19.07	20.50	12.99	13.16	13.07	14.50
EDGE 3 Tx slots	16.97	17.07	16.89	18.50	12.71	12.81	12.63	14.24
EDGE 4 Tx slots	15.61	15.68	15.68	17.00	12.61	12.68	12.68	14.00

WCDMA II Ant1 DSI3 | WCDMA IV Ant1 DSI3 | WCDMA V Ant1 Default

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.15	19.22	19.08	20.00	20.95	21.14	21.01	22.00	22.92	23.06	22.97	24.00
3GPP Rel 99	RMC 12.2Kbps	19.22	19.25	19.13	20.00	20.91	21.28	21.06	22.00	23.03	23.12	23.10	24.00
3GPP Rel 6	HSDPA Subtest-1	18.16	18.40	18.05	19.00	20.23	20.30	20.21	21.00	22.05	22.16	22.05	23.00
3GPP Rel 6	HSDPA Subtest-2	17.98	17.97	18.06	19.00	20.05	19.97	20.23	21.00	21.90	21.96	21.97	23.00
3GPP Rel 6	HSDPA Subtest-3	17.40	17.83	17.50	18.50	19.57	19.34	19.14	20.50	21.40	21.54	21.36	22.50
3GPP Rel 6	HSDPA Subtest-4	17.72	17.73	17.62	18.50	19.57	19.78	19.56	20.50	21.55	21.56	21.43	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.27	18.18	17.94	19.00	20.24	20.11	19.96	21.00	22.16	22.10	22.02	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	17.83	17.62	17.81	19.00	19.98	19.95	19.64	21.00	21.77	21.96	21.84	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.45	17.29	17.38	18.50	19.31	19.35	19.34	20.50	21.33	21.33	21.18	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.71	17.57	17.44	18.50	19.37	19.48	19.28	20.50	21.33	21.45	21.40	22.50
3GPP Rel 6	HSUPA Subtest-1	18.31	18.53	18.12	19.00	20.14	20.53	20.50	21.00	22.16	22.22	21.94	23.00
3GPP Rel 6	HSUPA Subtest-2	16.29	16.23	16.35	17.00	17.98	18.39	18.03	19.00	20.04	20.24	20.17	21.00
3GPP Rel 6	HSUPA Subtest-3	17.34	17.28	17.29	18.00	19.28	19.23	18.99	20.00	21.18	21.14	21.01	22.00
3GPP Rel 6	HSUPA Subtest-4	16.08	16.22	16.23	17.00	18.15	18.13	18.10	19.00	20.07	19.95	19.96	21.00
3GPP Rel 6	HSUPA Subtest-5	18.06	18.16	18.12	19.00	19.93	19.89	19.89	21.00	21.93	21.90	21.85	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.44	15.80	15.70	16.50	17.27	17.67	17.46	18.50	19.43	19.62	19.48	20.50

Band 2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.56	19.62	19.28	21	0
20	QPSK	1	49	19.47	19.56	19.21		
20	QPSK	1	99	19.27	19.36	19.49		
20	QPSK	50	0	19.52	19.58	19.26	21	0
20	QPSK	50	24	19.35	19.55	19.13		
20	QPSK	50	50	19.16	19.33	19.43		
20	QPSK	100	0	19.53	19.55	19.21		
20	16QAM	1	0	19.29	19.39	19.11	21	0
20	16QAM	1	49	19.11	19.21	19.38		
20	16QAM	1	99	19.51	19.39	19.12		
20	16QAM	50	0	19.31	19.44	19.08	21	0
20	16QAM	50	24	19.13	19.16	19.42		
20	16QAM	50	50	19.43	19.50	19.25		
20	16QAM	100	0	19.30	19.52	19.19		
20	64QAM	1	0	19.14	19.35	19.47	21	0
20	64QAM	1	49	19.50	19.38	19.07		
20	64QAM	1	99	19.30	19.50	19.03		
20	64QAM	50	0	19.23	19.34	19.39	21	0
20	64QAM	50	24	19.56	19.43	19.27		
20	64QAM	50	50	19.43	19.45	19.10		
20	64QAM	100	0	19.24	19.30	19.29		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.38	19.45	19.17	21	0
15	QPSK	1	37	19.43	19.37	19.19		
15	QPSK	1	74	19.18	19.30	19.33		
15	QPSK	36	0	19.51	19.52	19.18	21	0
15	QPSK	36	20	19.26	19.35	19.09		
15	QPSK	36	39	19.23	19.35	19.42		
15	QPSK	75	0	19.42	19.54	19.18		
15	16QAM	1	0	19.40	19.44	19.20	21	0
15	16QAM	1	37	19.37	19.50	19.12		
15	16QAM	1	74	19.15	19.32	19.37		
15	16QAM	36	0	19.42	19.42	19.20	21	0
15	16QAM	36	20	19.47	19.41	19.01		
15	16QAM	36	39	19.20	19.18	19.29		
15	16QAM	75	0	19.11	19.40	19.17		
15	64QAM	1	0	19.47	19.44	19.14	21	0
15	64QAM	1	37	19.34	19.42	19.11		
15	64QAM	1	74	19.16	19.28	19.39		
15	64QAM	36	0	19.27	19.23	19.48	21	0
15	64QAM	36	20	19.42	19.44	19.27		
15	64QAM	36	39	19.28	19.51	19.14		
15	64QAM	75	0	19.10	19.18	19.39		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.45	19.47	19.27	21	0
10	QPSK	1	25	19.47	19.50	19.17		
10	QPSK	1	49	19.15	19.18	19.34		
10	QPSK	25	0	19.41	19.37	19.08	21	0
10	QPSK	25	12	19.27	19.50	19.14		
10	QPSK	25	25	19.17	19.11	19.38		
10	QPSK	50	0	19.45	19.35	19.07		
10	16QAM	1	0	19.18	19.26	19.07	21	0
10	16QAM	1	25	19.12	19.09	19.17		
10	16QAM	1	49	19.30	19.31	19.08		
10	16QAM	25	0	19.15	19.30	19.05	21	0
10	16QAM	25	12	19.46	19.48	19.26		
10	16QAM	25	25	19.45	19.47	19.20		
10	16QAM	50	0	19.19	19.31	19.38		
10	64QAM	1	0	19.34	19.55	19.29	21	0
10	64QAM	1	25	19.36	19.34	19.06		
10	64QAM	1	49	19.20	19.28	19.34		
10	64QAM	25	0	19.47	19.57	19.27	21	0
10	64QAM	25	12	19.28	19.38	19.22		
10	64QAM	25	25	19.11	19.28	19.51		
10	64QAM	50	0	19.15	19.19	19.26		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.54	19.56	19.18	21	0
5	QPSK	1	12	19.25	19.43	19.22		
5	QPSK	1	24	19.25	19.31	19.36		
5	QPSK	12	0	19.47	19.39	19.19	21	0
5	QPSK	12	7	19.47	19.51	19.25		
5	QPSK	12	13	19.39	19.52	19.21		
5	QPSK	25	0	19.13	19.36	19.29		
5	16QAM	1	0	19.34	19.41	19.22	21	0
5	16QAM	1	12	19.41	19.44	19.21		
5	16QAM	1	24	19.25	19.18	19.47		
5	16QAM	12	0	19.22	19.28	19.37	21	0
5	16QAM	12	7	19.34	19.36	19.00		
5	16QAM	12	13	19.18	19.25	19.44		
5	16QAM	25	0	19.15	19.53	19.03		
5	64QAM	1	0	19.16	19.30	19.25	21	0
5	64QAM	1	12	19.40	19.47	19.10		
5	64QAM	1	24	19.48	19.53	19.16		
5	64QAM	12	0	19.23	19.37	19.40	21	0
5	64QAM	12	7	19.39	19.35	19.06		
5	64QAM	12	13	19.25	19.26	19.08		
5	64QAM	25	0	19.17	19.19	19.17		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.38	19.42	19.19	21	0
3	QPSK	1	8	19.31	19.49	19.03		
3	QPSK	1	14	19.26	19.25	19.47		
3	QPSK	8	0	19.52	19.57	19.07	21	0
3	QPSK	8	4	19.37	19.55	19.19		
3	QPSK	8	7	19.27	19.37	19.38		
3	QPSK	15	0	19.38	19.35	19.06		
3	16QAM	1	0	19.23	19.30	19.37	21	0
3	16QAM	1	8	19.43	19.50	19.12		
3	16QAM	1	14	19.25	19.16	19.33		
3	16QAM	8	0	19.20	19.37	19.08	21	0
3	16QAM	8	4	19.13	19.01	19.35		
3	16QAM	8	7	19.22	19.47	19.13		
3	16QAM	15	0	19.28	19.35	19.10		
3	64QAM	1	0	19.14	19.36	19.30	21	0
3	64QAM	1	8	19.56	19.41	19.18		
3	64QAM	1	14	19.31	19.58	19.11		
3	64QAM	8	0	19.38	19.46	19.25	21	0
3	64QAM	8	4	19.32	19.56	19.08		
3	64QAM	8	7	19.08	19.30	19.36		
3	64QAM	15	0	19.21	19.32	19.09		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.52	19.51	19.18	21	0
1.4	QPSK	1	3	19.30	19.38	19.20		
1.4	QPSK	1	5	19.11	19.15	19.45		
1.4	QPSK	3	0	19.40	19.51	19.19		
1.4	QPSK	3	1	19.24	19.42	19.03		
1.4	QPSK	3	3	19.13	19.12	19.32		
1.4	QPSK	6	0	19.55	19.53	19.05	21	0
1.4	16QAM	1	0	19.57	19.44	19.30	21	0
1.4	16QAM	1	3	19.39	19.42	19.22		
1.4	16QAM	1	5	19.20	19.19	19.47		
1.4	16QAM	3	0	19.16	19.38	19.05		
1.4	16QAM	3	1	19.04	19.18	19.26		
1.4	16QAM	3	3	19.36	19.49	19.07		
1.4	16QAM	6	0	19.22	19.51	19.05	21	0
1.4	64QAM	1	0	19.46	19.41	19.10	21	0
1.4	64QAM	1	3	19.44	19.44	19.09		
1.4	64QAM	1	5	19.14	19.18	19.43		
1.4	64QAM	3	0	19.17	19.17	19.34		
1.4	64QAM	3	1	19.43	19.33	19.20		
1.4	64QAM	3	3	19.31	19.36	19.03		
1.4	64QAM	6	0	19.04	19.27	19.10	21	0

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.27	20.45	20.40	22	0
20	QPSK	1	49	20.22	20.38	20.05		
20	QPSK	1	99	20.17	20.28	20.02		
20	QPSK	50	0	20.06	20.44	20.27	22	0
20	QPSK	50	24	20.11	20.38	20.00		
20	QPSK	50	50	20.03	20.12	20.00		
20	QPSK	100	0	20.11	20.32	20.26		
20	16QAM	1	0	20.14	20.29	20.39	22	0
20	16QAM	1	49	20.09	20.42	20.42		
20	16QAM	1	99	20.05	20.17	20.32		
20	16QAM	50	0	20.14	20.12	20.23	22	0
20	16QAM	50	24	20.17	20.38	20.18		
20	16QAM	50	50	20.22	20.32	20.23		
20	16QAM	100	0	20.06	20.31	20.02		
20	64QAM	1	0	20.32	20.30	20.38	22	0
20	64QAM	1	49	20.11	20.37	20.22		
20	64QAM	1	99	20.18	20.29	20.22		
20	64QAM	50	0	19.21	19.53	19.48	21	1
20	64QAM	50	24	19.38	19.44	19.47		
20	64QAM	50	50	19.22	19.29	19.29		
20	64QAM	100	0	19.10	19.18	19.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.06	20.24	20.21	22	0
15	QPSK	1	37	20.14	20.26	20.00		
15	QPSK	1	74	20.18	20.09	20.00		
15	QPSK	36	0	20.31	20.25	20.23	22	0
15	QPSK	36	20	20.04	20.17	20.35		
15	QPSK	36	39	20.34	20.07	20.23		
15	QPSK	75	0	20.08	20.19	20.26		
15	16QAM	1	0	20.26	20.24	20.36	22	0
15	16QAM	1	37	20.34	20.37	20.39		
15	16QAM	1	74	20.17	20.08	20.28		
15	16QAM	36	0	20.34	20.04	20.01	22	0
15	16QAM	36	20	20.05	20.21	20.00		
15	16QAM	36	39	20.13	20.32	20.23		
15	16QAM	75	0	20.31	20.18	20.16		
15	64QAM	1	0	20.22	20.31	20.19	22	0
15	64QAM	1	37	20.22	20.24	20.12		
15	64QAM	1	74	20.10	20.08	20.22		
15	64QAM	36	0	19.17	19.41	19.37	21	1
15	64QAM	36	20	19.16	19.39	19.34		
15	64QAM	36	39	19.06	19.16	19.08		
15	64QAM	75	0	19.16	19.12	19.23		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.21	20.26	20.32	22	0
10	QPSK	1	25	20.19	20.31	20.00		
10	QPSK	1	49	20.10	20.16	20.37		
10	QPSK	25	0	20.05	20.39	20.25	22	0
10	QPSK	25	12	20.35	20.26	20.19		
10	QPSK	25	25	20.02	20.33	20.40		
10	QPSK	50	0	20.27	20.13	20.13		
10	16QAM	1	0	20.39	20.18	20.39	22	0
10	16QAM	1	25	20.20	20.42	20.31		
10	16QAM	1	49	20.28	20.29	20.13		
10	16QAM	25	0	20.01	20.00	20.24	22	0
10	16QAM	25	12	20.11	20.31	20.17		
10	16QAM	25	25	20.22	20.33	20.14		
10	16QAM	50	0	20.39	20.15	20.21		
10	64QAM	1	0	20.16	20.10	20.33	22	0
10	64QAM	1	25	20.30	20.25	20.03		
10	64QAM	1	49	20.00	20.14	20.10		
10	64QAM	25	0	19.11	19.42	19.49	21	1
10	64QAM	25	12	19.28	19.25	19.49		
10	64QAM	25	25	19.02	19.15	19.18		
10	64QAM	50	0	19.21	19.12	19.23		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.27	20.30	20.23	22	0
5	QPSK	1	12	20.10	20.21	20.36		
5	QPSK	1	24	20.15	20.17	20.37		
5	QPSK	12	0	20.03	20.33	20.13	22	0
5	QPSK	12	7	20.40	20.34	20.23		
5	QPSK	12	13	20.16	20.00	20.36		
5	QPSK	25	0	20.05	20.21	20.18		
5	16QAM	1	0	20.20	20.23	20.33	22	0
5	16QAM	1	12	20.10	20.26	20.23		
5	16QAM	1	24	20.00	20.14	20.29		
5	16QAM	12	0	20.13	20.23	20.04	22	0
5	16QAM	12	7	20.10	20.17	20.13		
5	16QAM	12	13	20.09	20.27	20.08		
5	16QAM	25	0	20.05	20.10	20.37		
5	64QAM	1	0	20.22	20.26	20.21	22	0
5	64QAM	1	12	20.13	20.33	20.06		
5	64QAM	1	24	20.17	20.10	20.01		
5	64QAM	12	0	19.05	19.53	19.45	21	1
5	64QAM	12	7	19.21	19.38	19.33		
5	64QAM	12	13	19.08	19.10	19.25		
5	64QAM	25	0	19.29	19.27	19.22		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.13	20.40	20.39	22	0
3	QPSK	1	8	20.19	20.28	20.31		
3	QPSK	1	14	20.18	20.29	20.36		
3	QPSK	8	0	20.34	20.43	20.23	22	0
3	QPSK	8	4	20.10	20.25	20.29		
3	QPSK	8	7	20.34	20.00	20.19		
3	QPSK	15	0	20.07	20.15	20.09		
3	16QAM	1	0	20.03	20.24	20.29	22	0
3	16QAM	1	8	20.18	20.39	20.29		
3	16QAM	1	14	20.06	20.05	20.33		
3	16QAM	8	0	20.05	20.37	20.15	22	0
3	16QAM	8	4	20.06	20.40	20.16		
3	16QAM	8	7	20.08	20.28	20.20		
3	16QAM	15	0	20.31	20.18	20.02		
3	64QAM	1	0	20.28	20.13	20.32	22	0
3	64QAM	1	8	20.22	20.30	20.12		
3	64QAM	1	14	20.04	20.11	20.17		
3	64QAM	8	0	19.02	19.51	19.49	21	1
3	64QAM	8	4	19.34	19.23	19.31		
3	64QAM	8	7	19.06	19.22	19.17		
3	64QAM	15	0	19.34	19.19	19.17		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.12	20.28	20.24	22	0
1.4	QPSK	1	3	20.10	20.17	20.21		
1.4	QPSK	1	5	20.02	20.13	20.26		
1.4	QPSK	3	0	20.01	20.31	20.10		
1.4	QPSK	3	1	20.33	20.19	20.34		
1.4	QPSK	3	3	20.01	20.32	20.32		
1.4	QPSK	6	0	20.20	20.16	20.15	22	0
1.4	16QAM	1	0	20.12	20.22	20.22	22	0
1.4	16QAM	1	3	20.04	20.35	20.41		
1.4	16QAM	1	5	20.36	20.11	20.22		
1.4	16QAM	3	0	20.31	20.04	20.22		
1.4	16QAM	3	1	20.18	20.30	20.14		
1.4	16QAM	3	3	20.02	20.16	20.17		
1.4	16QAM	6	0	20.20	20.09	20.03	22	0
1.4	64QAM	1	0	20.33	20.22	20.32	22	0
1.4	64QAM	1	3	20.13	20.33	20.23		
1.4	64QAM	1	5	20.04	20.28	20.07		
1.4	64QAM	3	0	20.03	20.30	20.05		
1.4	64QAM	3	1	20.13	20.11	20.30		
1.4	64QAM	3	3	20.29	20.30	20.15		
1.4	64QAM	6	0	19.09	19.32	19.24	21	1

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	22.83	22.88	22.81	24	0
10	QPSK	1	25	22.72	22.79	22.66		
10	QPSK	1	49	22.67	22.81	22.66		
10	QPSK	25	0	21.82	21.89	21.77	23	1
10	QPSK	25	12	21.79	21.87	21.82		
10	QPSK	25	25	21.70	21.80	21.76		
10	QPSK	50	0	21.75	21.86	21.79		
10	16QAM	1	0	21.77	21.81	21.77	23	1
10	16QAM	1	25	21.64	21.75	21.71		
10	16QAM	1	49	21.65	21.78	21.65		
10	16QAM	25	0	20.74	20.83	20.70	22	2
10	16QAM	25	12	20.71	20.81	20.75		
10	16QAM	25	25	20.75	20.81	20.68		
10	16QAM	50	0	20.75	20.80	20.74		
10	64QAM	1	0	20.83	20.89	20.80	22	2
10	64QAM	1	25	20.89	20.98	20.93		
10	64QAM	1	49	20.88	20.92	20.88		
10	64QAM	25	0	19.76	19.85	19.75	21	3
10	64QAM	25	12	19.68	19.81	19.69		
10	64QAM	25	25	19.71	19.80	19.75		
10	64QAM	50	0	19.72	19.82	19.76		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.73	22.81	22.72	24	0
5	QPSK	1	12	22.58	22.75	22.60		
5	QPSK	1	24	22.55	22.76	22.59		
5	QPSK	12	0	21.74	21.85	21.66	23	1
5	QPSK	12	7	21.70	21.79	21.78		
5	QPSK	12	13	21.55	21.65	21.67		
5	QPSK	25	0	21.63	21.76	21.68		
5	16QAM	1	0	21.65	21.72	21.73	23	1
5	16QAM	1	12	21.49	21.60	21.56		
5	16QAM	1	24	21.57	21.70	21.52		
5	16QAM	12	0	20.62	20.79	20.59	22	2
5	16QAM	12	7	20.60	20.74	20.66		
5	16QAM	12	13	20.70	20.68	20.63		
5	16QAM	25	0	20.60	20.76	20.64		
5	64QAM	1	0	20.73	20.81	20.75	22	2
5	64QAM	1	12	20.74	20.85	20.80		
5	64QAM	1	24	20.74	20.82	20.74		
5	64QAM	12	0	19.63	19.78	19.71	21	3
5	64QAM	12	7	19.58	19.76	19.56		
5	64QAM	12	13	19.64	19.70	19.67		
5	64QAM	25	0	19.59	19.79	19.62		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.71	22.83	22.67	24	0
3	QPSK	1	8	22.68	22.75	22.59		
3	QPSK	1	14	22.61	22.69	22.54		
3	QPSK	8	0	21.72	21.85	21.63	23	1
3	QPSK	8	4	21.74	21.79	21.67		
3	QPSK	8	7	21.57	21.69	21.66		
3	QPSK	15	0	21.65	21.79	21.72		
3	16QAM	1	0	21.68	21.73	21.68	23	1
3	16QAM	1	8	21.51	21.71	21.62		
3	16QAM	1	14	21.50	21.70	21.59		
3	16QAM	8	0	20.64	20.77	20.58	22	2
3	16QAM	8	4	20.61	20.72	20.68		
3	16QAM	8	7	20.62	20.72	20.58		
3	16QAM	15	0	20.72	20.76	20.69		
3	64QAM	1	0	20.79	20.81	20.72	22	2
3	64QAM	1	8	20.83	20.92	20.86		
3	64QAM	1	14	20.76	20.85	20.74		
3	64QAM	8	0	19.66	19.72	19.60	21	3
3	64QAM	8	4	19.59	19.76	19.61		
3	64QAM	8	7	19.58	19.68	19.71		
3	64QAM	15	0	19.59	19.77	19.66		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.80	22.78	22.63	24	0
1.4	QPSK	1	3	22.60	22.79	22.63		
1.4	QPSK	1	5	22.48	22.65	22.57		
1.4	QPSK	3	0	22.47	22.68	22.55		
1.4	QPSK	3	1	22.70	22.78	22.70		
1.4	QPSK	3	3	22.49	22.73	22.59		
1.4	QPSK	6	0	21.69	21.87	21.70	23	1
1.4	16QAM	1	0	21.72	21.85	21.77	23	1
1.4	16QAM	1	3	21.65	21.74	21.63		
1.4	16QAM	1	5	21.57	21.66	21.61		
1.4	16QAM	3	0	21.73	21.64	21.51		
1.4	16QAM	3	1	21.52	21.51	21.57		
1.4	16QAM	3	3	21.51	21.61	21.68		
1.4	16QAM	6	0	20.68	20.72	20.65	22	2
1.4	64QAM	1	0	20.66	20.74	20.67	22	2
1.4	64QAM	1	3	20.78	20.62	20.52		
1.4	64QAM	1	5	20.60	20.75	20.48		
1.4	64QAM	3	0	20.88	20.87	20.82		
1.4	64QAM	3	1	20.79	20.82	20.82		
1.4	64QAM	3	3	20.68	20.70	20.63		
1.4	64QAM	6	0	19.76	19.93	19.97	21	3

Band 7 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.90	22.99	22.94	24	0
20	QPSK	1	49	22.88	22.89	22.87		
20	QPSK	1	99	22.85	22.91	22.81		
20	QPSK	50	0	21.84	22.04	21.96	23	1
20	QPSK	50	24	21.85	21.99	21.86		
20	QPSK	50	50	21.75	21.88	21.85		
20	QPSK	100	0	21.78	21.92	21.90		
20	16QAM	1	0	21.76	21.85	21.80	23	1
20	16QAM	1	49	21.83	21.87	21.83		
20	16QAM	1	99	21.71	21.81	21.68		
20	16QAM	50	0	20.74	20.83	20.80	22	2
20	16QAM	50	24	20.82	20.88	20.78		
20	16QAM	50	50	20.93	20.98	20.81		
20	16QAM	100	0	20.84	20.90	20.80		
20	64QAM	1	0	20.75	20.83	20.80	22	2
20	64QAM	1	49	21.06	21.06	21.03		
20	64QAM	1	99	20.92	21.00	20.94		
20	64QAM	50	0	19.96	20.03	20.01	21	3
20	64QAM	50	24	20.03	20.11	20.02		
20	64QAM	50	50	20.03	20.17	20.12		
20	64QAM	100	0	19.86	19.97	19.92		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.86	22.93	22.89	24	0
15	QPSK	1	37	22.78	22.85	22.79		
15	QPSK	1	74	22.75	22.79	22.71		
15	QPSK	36	0	21.71	21.99	21.86	23	1
15	QPSK	36	20	21.78	21.94	21.77		
15	QPSK	36	39	21.64	21.74	21.82		
15	QPSK	75	0	21.72	21.79	21.81		
15	16QAM	1	0	21.71	21.81	21.72	23	1
15	16QAM	1	37	21.68	21.78	21.78		
15	16QAM	1	74	21.64	21.72	21.62		
15	16QAM	36	0	20.60	20.69	20.68	22	2
15	16QAM	36	20	20.67	20.85	20.64		
15	16QAM	36	39	20.86	20.92	20.75		
15	16QAM	75	0	20.74	20.77	20.76		
15	64QAM	1	0	20.61	20.71	20.67	22	2
15	64QAM	1	37	21.01	20.93	20.96		
15	64QAM	1	74	20.78	20.87	20.91		
15	64QAM	36	0	19.93	19.96	19.96	21	3
15	64QAM	36	20	19.88	20.03	19.99		
15	64QAM	36	39	19.98	20.05	19.98		
15	64QAM	75	0	19.75	19.91	19.84		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.82	22.88	22.82	24	0
10	QPSK	1	25	22.75	22.85	22.80		
10	QPSK	1	49	22.76	22.85	22.75		
10	QPSK	25	0	21.73	21.98	21.84	23	1
10	QPSK	25	12	21.74	21.86	21.81		
10	QPSK	25	25	21.67	21.76	21.78		
10	QPSK	50	0	21.66	21.80	21.86		
10	16QAM	1	0	21.64	21.79	21.67	23	1
10	16QAM	1	25	21.70	21.75	21.71		
10	16QAM	1	49	21.64	21.66	21.54		
10	16QAM	25	0	20.69	20.74	20.66	22	2
10	16QAM	25	12	20.78	20.80	20.69		
10	16QAM	25	25	20.86	20.84	20.77		
10	16QAM	50	0	20.78	20.86	20.65		
10	64QAM	1	0	20.64	20.79	20.68	22	2
10	64QAM	1	25	20.92	20.95	20.96		
10	64QAM	1	49	20.80	20.95	20.84		
10	64QAM	25	0	19.83	19.92	19.87	21	3
10	64QAM	25	12	19.91	20.01	19.88		
10	64QAM	25	25	19.89	20.10	20.07		
10	64QAM	50	0	19.81	19.87	19.88		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.87	22.94	22.85	24	0
5	QPSK	1	12	22.83	22.82	22.77		
5	QPSK	1	24	22.72	22.84	22.67		
5	QPSK	12	0	21.78	21.96	21.93	23	1
5	QPSK	12	7	21.73	21.88	21.77		
5	QPSK	12	13	21.71	21.82	21.72		
5	QPSK	25	0	21.64	21.89	21.76		
5	16QAM	1	0	21.72	21.71	21.72	23	1
5	16QAM	1	12	21.72	21.75	21.73		
5	16QAM	1	24	21.64	21.72	21.61		
5	16QAM	12	0	20.66	20.68	20.70	22	2
5	16QAM	12	7	20.73	20.85	20.73		
5	16QAM	12	13	20.88	20.86	20.75		
5	16QAM	25	0	20.77	20.84	20.73		
5	64QAM	1	0	20.67	20.75	20.77	22	2
5	64QAM	1	12	20.93	20.92	20.92		
5	64QAM	1	24	20.87	20.88	20.81		
5	64QAM	12	0	19.87	19.97	19.86	21	3
5	64QAM	12	7	19.93	20.07	19.99		
5	64QAM	12	13	19.99	20.06	20.08		
5	64QAM	25	0	19.73	19.91	19.80		

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BW [MHz]	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	22.82	22.87	22.78	24	0
20	QPSK	1	49	22.71	22.75	22.65		
20	QPSK	1	99	22.70	22.76	22.78		
20	QPSK	50	0	21.71	21.82	21.70	23	1
20	QPSK	50	24	21.66	21.73	21.62		
20	QPSK	50	50	21.69	21.79	21.63		
20	QPSK	100	0	21.67	21.70	21.64		
20	16QAM	1	0	21.57	21.66	21.67	23	1
20	16QAM	1	49	21.52	21.70	21.54		
20	16QAM	1	99	21.45	21.52	21.44		
20	16QAM	50	0	20.76	20.85	20.75	22	2
20	16QAM	50	24	20.61	20.77	20.64		
20	16QAM	50	50	20.68	20.78	20.71		
20	16QAM	100	0	20.67	20.74	20.66		
20	64QAM	1	0	20.31	20.43	20.34	22	2
20	64QAM	1	49	20.42	20.53	20.48		
20	64QAM	1	99	20.48	20.49	20.43		
20	64QAM	50	0	19.84	19.89	19.86	21	3
20	64QAM	50	24	19.81	19.90	19.80		
20	64QAM	50	50	19.86	19.91	19.78		
20	64QAM	100	0	19.74	19.92	19.82		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.72	22.78	22.74	24	0
15	QPSK	1	37	22.62	22.61	22.51		
15	QPSK	1	74	22.60	22.67	22.69		
15	QPSK	36	0	21.59	21.71	21.66	23	1
15	QPSK	36	20	21.56	21.61	21.49		
15	QPSK	36	39	21.61	21.72	21.51		
15	QPSK	75	0	21.62	21.61	21.55		
15	16QAM	1	0	21.48	21.52	21.63	23	1
15	16QAM	1	37	21.37	21.63	21.45		
15	16QAM	1	74	21.32	21.41	21.35		
15	16QAM	36	0	20.68	20.75	20.71	22	2
15	16QAM	36	20	20.47	20.71	20.52		
15	16QAM	36	39	20.53	20.66	20.63		
15	16QAM	75	0	20.53	20.62	20.57		
15	64QAM	1	0	20.27	20.40	20.23	22	2
15	64QAM	1	37	20.34	20.44	20.43		
15	64QAM	1	74	20.35	20.38	20.28		
15	64QAM	36	0	19.73	19.77	19.78	21	3
15	64QAM	36	20	19.76	19.79	19.74		
15	64QAM	36	39	19.81	19.87	19.65		
15	64QAM	75	0	19.67	19.85	19.78		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.73	22.74	22.74	24	0
10	QPSK	1	25	22.61	22.67	22.51		
10	QPSK	1	49	22.63	22.69	22.66		
10	QPSK	25	0	21.58	21.74	21.60	23	1
10	QPSK	25	12	21.52	21.59	21.58		
10	QPSK	25	25	21.63	21.64	21.59		
10	QPSK	50	0	21.63	21.59	21.60		
10	16QAM	1	0	21.43	21.59	21.61	23	1
10	16QAM	1	25	21.38	21.62	21.50		
10	16QAM	1	49	21.35	21.39	21.40		
10	16QAM	25	0	20.62	20.75	20.64	22	2
10	16QAM	25	12	20.53	20.74	20.56		
10	16QAM	25	25	20.58	20.73	20.63		
10	16QAM	50	0	20.57	20.60	20.52		
10	64QAM	1	0	20.20	20.34	20.24	22	2
10	64QAM	1	25	20.27	20.48	20.38		
10	64QAM	1	49	20.34	20.40	20.34		
10	64QAM	25	0	19.75	19.83	19.74	21	3
10	64QAM	25	12	19.71	19.76	19.71		
10	64QAM	25	25	19.73	19.80	19.67		
10	64QAM	50	0	19.60	19.84	19.77		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.70	22.81	22.68	24	0
5	QPSK	1	12	22.58	22.70	22.52		
5	QPSK	1	24	22.60	22.63	22.66		
5	QPSK	12	0	21.67	21.72	21.58	23	1
5	QPSK	12	7	21.59	21.69	21.48		
5	QPSK	12	13	21.55	21.75	21.59		
5	QPSK	25	0	21.60	21.56	21.53		
5	16QAM	1	0	21.51	21.53	21.58	23	1
5	16QAM	1	12	21.43	21.55	21.48		
5	16QAM	1	24	21.30	21.49	21.30		
5	16QAM	12	0	20.71	20.77	20.67	22	2
5	16QAM	12	7	20.48	20.68	20.56		
5	16QAM	12	13	20.55	20.74	20.64		
5	16QAM	25	0	20.61	20.70	20.57		
5	64QAM	1	0	20.22	20.34	20.30	22	2
5	64QAM	1	12	20.31	20.43	20.38		
5	64QAM	1	24	20.37	20.44	20.28		
5	64QAM	12	0	19.76	19.76	19.83	21	3
5	64QAM	12	7	19.68	19.84	19.71		
5	64QAM	12	13	19.78	19.78	19.73		
5	64QAM	25	0	19.66	19.87	19.68		

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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	22.81	22.70	22.89	22.77	22.75	24	0
20	QPSK	1	49	22.73	22.74	22.80	22.80	22.76		
20	QPSK	1	99	22.60	22.72	22.76	22.71	22.74		
20	QPSK	50	0	21.80	21.70	21.84	21.67	21.62	23	1
20	QPSK	50	24	21.75	21.71	21.73	21.71	21.75		
20	QPSK	50	50	21.83	21.76	21.76	21.70	21.73		
20	QPSK	100	0	21.76	21.68	21.78	21.72	21.75		
20	16QAM	1	0	21.65	21.67	21.73	21.65	21.72	23	1
20	16QAM	1	49	21.78	21.78	21.75	21.73	21.73		
20	16QAM	1	99	21.79	21.70	21.76	21.71	21.63		
20	16QAM	50	0	20.81	20.69	20.76	20.68	20.65	22	2
20	16QAM	50	24	20.74	20.72	20.77	20.69	20.73		
20	16QAM	50	50	20.74	20.67	20.81	20.70	20.71		
20	16QAM	100	0	20.82	20.63	20.77	20.68	20.76		
20	64QAM	1	0	20.32	20.36	20.51	20.49	20.45	22	2
20	64QAM	1	49	20.52	20.44	20.47	20.44	20.53		
20	64QAM	1	99	20.48	20.37	20.50	20.37	20.38		
20	64QAM	50	0	19.92	19.74	19.92	19.79	19.93	21	3
20	64QAM	50	24	19.96	19.89	19.96	19.81	19.80		
20	64QAM	50	50	19.83	19.81	19.83	19.85	19.66		
20	64QAM	100	0	19.89	19.83	19.85	19.78	19.81		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.66	22.64	22.80	22.71	22.61	24	0
15	QPSK	1	37	22.67	22.68	22.69	22.66	22.66		
15	QPSK	1	74	22.56	22.60	22.62	22.59	22.67		
15	QPSK	36	0	21.72	21.57	21.71	21.55	21.52	23	1
15	QPSK	36	20	21.64	21.62	21.67	21.60	21.60		
15	QPSK	36	39	21.71	21.68	21.65	21.58	21.62		
15	QPSK	75	0	21.66	21.57	21.72	21.63	21.68		
15	16QAM	1	0	21.60	21.62	21.67	21.51	21.65	23	1
15	16QAM	1	37	21.69	21.67	21.63	21.61	21.70		
15	16QAM	1	74	21.72	21.57	21.70	21.66	21.51		
15	16QAM	36	0	20.73	20.55	20.64	20.61	20.57	22	2
15	16QAM	36	20	20.65	20.64	20.63	20.54	20.66		
15	16QAM	36	39	20.62	20.62	20.76	20.63	20.60		
15	16QAM	75	0	20.69	20.58	20.72	20.54	20.68		
15	64QAM	1	0	20.18	20.29	20.48	20.37	20.39	22	2
15	64QAM	1	37	20.44	20.29	20.39	20.38	20.46		
15	64QAM	1	74	20.34	20.31	20.36	20.30	20.25		
15	64QAM	36	0	19.79	19.68	19.79	19.65	19.87	21	3
15	64QAM	36	20	19.83	19.80	19.85	19.75	19.74		
15	64QAM	36	39	19.70	19.78	19.72	19.79	19.52		
15	64QAM	75	0	19.78	19.79	19.71	19.70	19.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.73	22.64	22.76	22.68	22.63	24.00	0
10	QPSK	1	25	22.62	22.61	22.73	22.75	22.68		
10	QPSK	1	49	22.50	22.68	22.70	22.63	22.69		
10	QPSK	25	0	21.75	21.64	21.74	21.60	21.57	23	1
10	QPSK	25	12	21.65	21.64	21.63	21.63	21.68		
10	QPSK	25	25	21.75	21.66	21.69	21.62	21.68		
10	QPSK	50	0	21.72	21.56	21.64	21.64	21.68		
10	16QAM	1	0	21.53	21.56	21.64	21.61	21.62	23	1
10	16QAM	1	25	21.67	21.71	21.60	21.59	21.60		
10	16QAM	1	49	21.73	21.60	21.66	21.64	21.60		
10	16QAM	25	0	20.78	20.58	20.71	20.53	20.51	22	2
10	16QAM	25	12	20.62	20.67	20.64	20.63	20.70		
10	16QAM	25	25	20.69	20.63	20.72	20.65	20.59		
10	16QAM	50	0	20.78	20.55	20.71	20.58	20.65		
10	64QAM	1	0	20.25	20.32	20.45	20.37	20.34	22	2
10	64QAM	1	25	20.37	20.30	20.43	20.36	20.42		
10	64QAM	1	49	20.37	20.25	20.45	20.27	20.28		
10	64QAM	25	0	19.81	19.62	19.78	19.74	19.82	21	3
10	64QAM	25	12	19.89	19.79	19.88	19.70	19.74		
10	64QAM	25	25	19.78	19.69	19.77	19.80	19.57		
10	64QAM	50	0	19.81	19.71	19.71	19.69	19.68		
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	22.74	22.55	22.81	22.69	22.68	24.00	0
5	QPSK	1	12	22.65	22.64	22.69	22.77	22.64		
5	QPSK	1	24	22.54	22.61	22.61	22.58	22.69		
5	QPSK	12	0	21.69	21.64	21.80	21.55	21.53	23	1
5	QPSK	12	7	21.62	21.60	21.66	21.65	21.71		
5	QPSK	12	13	21.71	21.68	21.70	21.59	21.65		
5	QPSK	25	0	21.67	21.60	21.65	21.57	21.69		
5	16QAM	1	0	21.60	21.52	21.66	21.56	21.63	23	1
5	16QAM	1	12	21.65	21.69	21.62	21.67	21.67		
5	16QAM	1	24	21.73	21.58	21.67	21.60	21.53		
5	16QAM	12	0	20.76	20.61	20.62	20.62	20.61	22	2
5	16QAM	12	7	20.69	20.65	20.70	20.54	20.68		
5	16QAM	12	13	20.70	20.63	20.71	20.57	20.58		
5	16QAM	25	0	20.68	20.57	20.69	20.64	20.68		
5	64QAM	1	0	20.25	20.32	20.41	20.37	20.38	22	2
5	64QAM	1	12	20.46	20.41	20.42	20.31	20.43		
5	64QAM	1	24	20.36	20.31	20.41	20.29	20.30		
5	64QAM	12	0	19.83	19.68	19.82	19.73	19.79	21	3
5	64QAM	12	7	19.91	19.79	19.82	19.70	19.77		
5	64QAM	12	13	19.75	19.73	19.72	19.72	19.61		
5	64QAM	25	0	19.77	19.72	19.77	19.67	19.73		

GSM850 Ant7 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.32	31.38	31.36	32.50	22.32	22.38	22.36	23.50
GPRS 1 Tx slot	31.31	31.35	31.22	32.50	22.31	22.35	22.22	23.50
GPRS 2 Tx slots	30.35	30.42	30.36	31.50	24.35	24.42	24.36	25.50
GPRS 3 Tx slots	28.53	28.61	28.51	29.50	24.27	24.35	24.25	25.24
GPRS 4 Tx slots	27.36	27.47	27.34	28.50	24.36	24.47	24.34	25.50
EDGE 1 Tx slot	25.68	25.78	25.74	26.50	16.68	16.78	16.74	17.50
EDGE 2 Tx slots	24.59	24.73	24.59	25.50	18.59	18.73	18.59	19.50
EDGE 3 Tx slots	22.53	22.63	22.58	23.50	18.27	18.37	18.32	19.24
EDGE 4 Tx slots	21.30	21.38	21.34	22.50	18.30	18.38	18.34	19.50

GSM1900 Ant7 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	26.80	26.88	26.82	28.50	17.80	17.88	17.82	19.50
GPRS 1 Tx slot	26.73	26.83	26.76	28.50	17.73	17.83	17.76	19.50
GPRS 2 Tx slots	26.09	26.21	26.15	27.50	20.09	20.21	20.15	21.50
GPRS 3 Tx slots	24.35	24.48	24.38	26.00	20.09	20.22	20.12	21.74
GPRS 4 Tx slots	23.33	23.45	23.37	25.00	20.33	20.45	20.37	22.00
EDGE 1 Tx slot	23.28	23.43	23.25	25.00	14.28	14.43	14.25	16.00
EDGE 2 Tx slots	22.31	22.42	22.29	24.00	16.31	16.42	16.29	18.00
EDGE 3 Tx slots	20.21	20.34	20.26	22.00	15.95	16.08	16.00	17.74
EDGE 4 Tx slots	18.97	19.04	18.94	20.50	15.97	16.04	15.94	17.50

		WCDMA II Ant7 Default				WCDMA IV Ant7 Default				WCDMA V Ant7 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.70	20.75	20.67	22.00	20.85	21.11	21.07	22.00	21.50	21.68	21.65	23.00
3GPP Rel 99	RMC 12.2Kbps	20.77	20.80	20.73	22.00	20.99	21.19	21.14	22.00	21.59	21.75	21.68	23.00
3GPP Rel 6	HSDPA Subtest-1	19.82	20.00	19.78	21.00	20.08	20.21	20.02	21.00	20.71	20.85	20.61	22.00
3GPP Rel 6	HSDPA Subtest-2	19.72	19.76	19.69	21.00	19.99	20.01	19.99	21.00	20.62	20.60	20.54	22.00
3GPP Rel 6	HSDPA Subtest-3	19.10	19.22	19.05	20.50	19.38	19.46	19.33	20.50	19.98	20.09	19.96	21.50
3GPP Rel 6	HSDPA Subtest-4	19.33	19.37	19.35	20.50	19.66	19.56	19.60	20.50	20.19	20.16	20.15	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.79	19.81	19.77	21.00	20.01	20.09	20.09	21.00	20.65	20.73	20.68	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.63	19.66	19.62	21.00	19.91	19.97	19.83	21.00	20.46	20.51	20.45	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.98	19.09	18.97	20.50	19.21	19.39	19.21	20.50	19.86	19.99	19.79	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.12	19.09	19.03	20.50	19.31	19.49	19.29	20.50	19.93	20.04	19.93	21.50
3GPP Rel 6	HSUPA Subtest-1	19.75	19.95	19.67	21.00	20.06	20.19	19.99	21.00	20.65	20.76	20.60	22.00
3GPP Rel 6	HSUPA Subtest-2	17.73	18.01	17.87	19.00	18.02	18.18	18.19	19.00	18.66	18.82	18.80	20.00
3GPP Rel 6	HSUPA Subtest-3	18.86	19.03	18.98	20.00	18.99	19.26	19.23	20.00	19.64	19.86	19.82	21.00
3GPP Rel 6	HSUPA Subtest-4	17.75	17.87	17.67	19.00	17.99	18.16	17.93	19.00	18.64	18.73	18.55	20.00
3GPP Rel 6	HSUPA Subtest-5	19.56	19.68	19.70	21.00	19.98	20.02	19.94	21.00	20.51	20.64	20.55	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.29	17.43	17.35	18.50	17.61	17.74	17.55	18.50	18.17	18.28	18.17	19.50

Band 2 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.49	20.55	20.40	22	0
20	QPSK	1	49	20.47	20.51	20.36		
20	QPSK	1	99	20.26	20.39	20.30		
20	QPSK	50	0	19.42	19.54	19.41	21	1
20	QPSK	50	24	19.41	19.50	19.42		
20	QPSK	50	50	19.34	19.42	19.30		
20	QPSK	100	0	19.33	19.45	19.31		
20	16QAM	1	0	19.22	19.34	19.27	21	1
20	16QAM	1	49	19.30	19.36	19.26		
20	16QAM	1	99	19.22	19.31	19.26		
20	16QAM	50	0	18.39	18.46	18.32	20	2
20	16QAM	50	24	18.44	18.51	18.46		
20	16QAM	50	50	18.36	18.40	18.25		
20	16QAM	100	0	18.39	18.42	18.30		
20	64QAM	1	0	18.53	18.64	18.56	20	2
20	64QAM	1	49	18.47	18.60	18.49		
20	64QAM	1	99	18.35	18.49	18.37		
20	64QAM	50	0	17.58	17.64	17.57	19	3
20	64QAM	50	24	17.55	17.65	17.50		
20	64QAM	50	50	17.45	17.54	17.49		
20	64QAM	100	0	17.51	17.60	17.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.42	20.47	20.29	22	0
15	QPSK	1	37	20.43	20.43	20.22		
15	QPSK	1	74	20.12	20.27	20.24		
15	QPSK	36	0	19.32	19.45	19.32	21	1
15	QPSK	36	20	19.30	19.38	19.32		
15	QPSK	36	39	19.26	19.35	19.21		
15	QPSK	75	0	19.22	19.36	19.19		
15	16QAM	1	0	19.12	19.24	19.21	21	1
15	16QAM	1	37	19.23	19.24	19.15		
15	16QAM	1	74	19.17	19.20	19.13		
15	16QAM	36	0	18.34	18.41	18.28	20	2
15	16QAM	36	20	18.40	18.42	18.34		
15	16QAM	36	39	18.32	18.37	18.18		
15	16QAM	75	0	18.31	18.27	18.19		
15	64QAM	1	0	18.38	18.49	18.50	20	2
15	64QAM	1	37	18.35	18.52	18.36		
15	64QAM	1	74	18.21	18.40	18.23		
15	64QAM	36	0	17.46	17.58	17.53	19	3
15	64QAM	36	20	17.49	17.57	17.44		
15	64QAM	36	39	17.33	17.45	17.39		
15	64QAM	75	0	17.38	17.56	17.41		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.35	20.45	20.29	22	0
10	QPSK	1	25	20.41	20.40	20.21		
10	QPSK	1	49	20.11	20.28	20.17		
10	QPSK	25	0	19.28	19.46	19.29	21	1
10	QPSK	25	12	19.36	19.39	19.31		
10	QPSK	25	25	19.20	19.31	19.22		
10	QPSK	50	0	19.30	19.40	19.17		
10	16QAM	1	0	19.17	19.26	19.18	21	1
10	16QAM	1	25	19.26	19.33	19.21		
10	16QAM	1	49	19.07	19.20	19.14		
10	16QAM	25	0	18.36	18.34	18.28	20	2
10	16QAM	25	12	18.35	18.43	18.33		
10	16QAM	25	25	18.23	18.32	18.19		
10	16QAM	50	0	18.28	18.37	18.20		
10	64QAM	1	0	18.41	18.58	18.41	20	2
10	64QAM	1	25	18.37	18.46	18.41		
10	64QAM	1	49	18.21	18.44	18.33		
10	64QAM	25	0	17.44	17.53	17.47	19	3
10	64QAM	25	12	17.42	17.53	17.41		
10	64QAM	25	25	17.34	17.48	17.46		
10	64QAM	50	0	17.41	17.49	17.34		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.41	20.52	20.36	22	0
5	QPSK	1	12	20.38	20.47	20.33		
5	QPSK	1	24	20.11	20.26	20.23		
5	QPSK	12	0	19.36	19.44	19.28	21	1
5	QPSK	12	7	19.32	19.40	19.37		
5	QPSK	12	13	19.19	19.38	19.15		
5	QPSK	25	0	19.25	19.37	19.19		
5	16QAM	1	0	19.14	19.30	19.16	21	1
5	16QAM	1	12	19.19	19.30	19.12		
5	16QAM	1	24	19.18	19.20	19.17		
5	16QAM	12	0	18.35	18.39	18.21	20	2
5	16QAM	12	7	18.39	18.38	18.38		
5	16QAM	12	13	18.27	18.30	18.15		
5	16QAM	25	0	18.33	18.27	18.26		
5	64QAM	1	0	18.38	18.54	18.46	20	2
5	64QAM	1	12	18.39	18.54	18.37		
5	64QAM	1	24	18.20	18.36	18.26		
5	64QAM	12	0	17.48	17.52	17.48	19	3
5	64QAM	12	7	17.50	17.50	17.39		
5	64QAM	12	13	17.39	17.46	17.37		
5	64QAM	25	0	17.44	17.48	17.36		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.43	20.50	20.28	22	0
3	QPSK	1	8	20.42	20.37	20.21		
3	QPSK	1	14	20.17	20.31	20.27		
3	QPSK	8	0	19.31	19.39	19.32	21	1
3	QPSK	8	4	19.36	19.40	19.29		
3	QPSK	8	7	19.19	19.32	19.15		
3	QPSK	15	0	19.25	19.33	19.21		
3	16QAM	1	0	19.17	19.28	19.22	21	1
3	16QAM	1	8	19.25	19.24	19.20		
3	16QAM	1	14	19.11	19.18	19.22		
3	16QAM	8	0	18.24	18.37	18.20	20	2
3	16QAM	8	4	18.29	18.43	18.32		
3	16QAM	8	7	18.28	18.33	18.22		
3	16QAM	15	0	18.26	18.29	18.17		
3	64QAM	1	0	18.47	18.53	18.47	20	2
3	64QAM	1	8	18.39	18.53	18.42		
3	64QAM	1	14	18.30	18.44	18.27		
3	64QAM	8	0	17.55	17.49	17.43	19	3
3	64QAM	8	4	17.49	17.62	17.43		
3	64QAM	8	7	17.37	17.49	17.43		
3	64QAM	15	0	17.45	17.47	17.43		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.37	20.45	20.37	22	0
1.4	QPSK	1	3	20.40	20.39	20.24		
1.4	QPSK	1	5	20.12	20.32	20.20		
1.4	QPSK	3	0	20.35	20.41	20.35		
1.4	QPSK	3	1	20.38	20.38	20.27		
1.4	QPSK	3	3	20.23	20.35	20.25		
1.4	QPSK	6	0	19.29	19.51	19.32	21	1
1.4	16QAM	1	0	19.34	19.38	19.31	21	1
1.4	16QAM	1	3	19.20	19.39	19.22		
1.4	16QAM	1	5	19.26	19.36	19.26		
1.4	16QAM	3	0	19.12	19.25	19.20		
1.4	16QAM	3	1	19.27	19.23	19.21		
1.4	16QAM	3	3	19.18	19.20	19.18		
1.4	16QAM	6	0	18.30	18.40	18.27	20	2
1.4	64QAM	1	0	18.35	18.38	18.38	20	2
1.4	64QAM	1	3	18.23	18.28	18.16		
1.4	64QAM	1	5	18.24	18.37	18.24		
1.4	64QAM	3	0	18.44	18.59	18.44		
1.4	64QAM	3	1	18.34	18.45	18.39		
1.4	64QAM	3	3	18.31	18.46	18.34		
1.4	64QAM	6	0	17.52	17.59	17.39	19	3

Band 4 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.31	20.39	20.36	22	0
20	QPSK	1	49	20.29	20.35	20.21		
20	QPSK	1	99	20.14	20.20	20.15		
20	QPSK	50	0	19.34	19.38	19.25	21	1
20	QPSK	50	24	19.26	19.37	19.24		
20	QPSK	50	50	19.28	19.32	19.29		
20	QPSK	100	0	19.30	19.34	19.25		
20	16QAM	1	0	19.26	19.31	19.20	21	1
20	16QAM	1	49	19.21	19.26	19.14		
20	16QAM	1	99	19.23	19.29	19.21		
20	16QAM	50	0	18.45	18.51	18.44	20	2
20	16QAM	50	24	18.37	18.50	18.39		
20	16QAM	50	50	18.41	18.47	18.43		
20	16QAM	100	0	18.39	18.44	18.38		
20	64QAM	1	0	18.49	18.54	18.39	20	2
20	64QAM	1	49	18.41	18.46	18.31		
20	64QAM	1	99	18.42	18.47	18.39		
20	64QAM	50	0	17.45	17.51	17.39	19	3
20	64QAM	50	24	17.43	17.48	17.43		
20	64QAM	50	50	17.33	17.41	17.28		
20	64QAM	100	0	17.41	17.46	17.34		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.25	20.31	20.28	22	0
15	QPSK	1	37	20.20	20.25	20.11		
15	QPSK	1	74	20.04	20.10	20.01		
15	QPSK	36	0	19.29	19.25	19.20	21	1
15	QPSK	36	20	19.15	19.32	19.14		
15	QPSK	36	39	19.17	19.24	19.20		
15	QPSK	75	0	19.19	19.21	19.17		
15	16QAM	1	0	19.20	19.23	19.06	21	1
15	16QAM	1	37	19.10	19.18	19.09		
15	16QAM	1	74	19.15	19.24	19.12		
15	16QAM	36	0	18.41	18.47	18.37	20	2
15	16QAM	36	20	18.22	18.46	18.25		
15	16QAM	36	39	18.37	18.37	18.35		
15	16QAM	75	0	18.30	18.38	18.24		
15	64QAM	1	0	18.45	18.45	18.26	20	2
15	64QAM	1	37	18.26	18.41	18.22		
15	64QAM	1	74	18.36	18.44	18.35		
15	64QAM	36	0	17.30	17.42	17.36	19	3
15	64QAM	36	20	17.31	17.34	17.39		
15	64QAM	36	39	17.23	17.34	17.21		
15	64QAM	75	0	17.35	17.40	17.24		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.18	20.34	20.24	22	0
10	QPSK	1	25	20.25	20.32	20.09		
10	QPSK	1	49	20.07	20.13	20.05		
10	QPSK	25	0	19.25	19.24	19.14	21	1
10	QPSK	25	12	19.18	19.24	19.14		
10	QPSK	25	25	19.21	19.27	19.21		
10	QPSK	50	0	19.17	19.28	19.21		
10	16QAM	1	0	19.12	19.22	19.10	21	1
10	16QAM	1	25	19.07	19.23	19.06		
10	16QAM	1	49	19.20	19.18	19.18		
10	16QAM	25	0	18.40	18.42	18.34	20	2
10	16QAM	25	12	18.24	18.36	18.31		
10	16QAM	25	25	18.31	18.33	18.34		
10	16QAM	50	0	18.31	18.41	18.28		
10	64QAM	1	0	18.38	18.41	18.33	20	2
10	64QAM	1	25	18.33	18.35	18.18		
10	64QAM	1	49	18.31	18.40	18.29		
10	64QAM	25	0	17.33	17.44	17.31	19	3
10	64QAM	25	12	17.29	17.40	17.30		
10	64QAM	25	25	17.20	17.27	17.14		
10	64QAM	50	0	17.27	17.37	17.21		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.28	20.31	20.31	22	0
5	QPSK	1	12	20.15	20.29	20.07		
5	QPSK	1	24	20.06	20.16	20.05		
5	QPSK	12	0	19.25	19.30	19.19	21	1
5	QPSK	12	7	19.22	19.27	19.12		
5	QPSK	12	13	19.14	19.20	19.19		
5	QPSK	25	0	19.22	19.23	19.19		
5	16QAM	1	0	19.21	19.21	19.06	21	1
5	16QAM	1	12	19.11	19.17	19.06		
5	16QAM	1	24	19.15	19.15	19.14		
5	16QAM	12	0	18.34	18.42	18.36	20	2
5	16QAM	12	7	18.28	18.40	18.36		
5	16QAM	12	13	18.35	18.36	18.29		
5	16QAM	25	0	18.30	18.38	18.25		
5	64QAM	1	0	18.44	18.43	18.29	20	2
5	64QAM	1	12	18.29	18.38	18.22		
5	64QAM	1	24	18.33	18.40	18.25		
5	64QAM	12	0	17.32	17.40	17.30	19	3
5	64QAM	12	7	17.35	17.36	17.29		
5	64QAM	12	13	17.25	17.31	17.21		
5	64QAM	25	0	17.27	17.43	17.25		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.23	20.24	20.24	22	0
3	QPSK	1	8	20.21	20.27	20.08		
3	QPSK	1	14	20.07	20.13	20.09		
3	QPSK	8	0	19.26	19.30	19.13	21	1
3	QPSK	8	4	19.13	19.25	19.10		
3	QPSK	8	7	19.18	19.18	19.24		
3	QPSK	15	0	19.16	19.21	19.17		
3	16QAM	1	0	19.14	19.16	19.13	21	1
3	16QAM	1	8	19.11	19.14	19.11		
3	16QAM	1	14	19.10	19.19	19.08		
3	16QAM	8	0	18.41	18.37	18.39	20	2
3	16QAM	8	4	18.25	18.42	18.29		
3	16QAM	8	7	18.34	18.36	18.31		
3	16QAM	15	0	18.35	18.41	18.30		
3	64QAM	1	0	18.40	18.41	18.35	20	2
3	64QAM	1	8	18.34	18.40	18.25		
3	64QAM	1	14	18.38	18.41	18.33		
3	64QAM	8	0	17.31	17.47	17.34	19	3
3	64QAM	8	4	17.34	17.38	17.30		
3	64QAM	8	7	17.26	17.34	17.23		
3	64QAM	15	0	17.32	17.37	17.27		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.14	20.29	20.22	22	0
1.4	QPSK	1	3	20.19	20.21	20.06		
1.4	QPSK	1	5	19.91	20.08	20.02		
1.4	QPSK	3	0	20.15	20.27	20.21		
1.4	QPSK	3	1	20.19	20.24	20.03		
1.4	QPSK	3	3	20.09	20.22	20.04		
1.4	QPSK	6	0	19.04	19.26	19.14	21	1
1.4	16QAM	1	0	19.18	19.16	19.07	21	1
1.4	16QAM	1	3	18.95	19.26	19.07		
1.4	16QAM	1	5	19.09	19.12	19.11		
1.4	16QAM	3	0	18.93	19.04	18.98		
1.4	16QAM	3	1	19.04	19.04	19.05		
1.4	16QAM	3	3	18.97	19.00	18.96		
1.4	16QAM	6	0	18.08	18.16	18.08	20	2
1.4	64QAM	1	0	18.13	18.16	18.17	20	2
1.4	64QAM	1	3	18.07	18.13	17.92		
1.4	64QAM	1	5	18.11	18.16	18.06		
1.4	64QAM	3	0	18.24	18.36	18.20		
1.4	64QAM	3	1	18.18	18.32	18.24		
1.4	64QAM	3	3	18.14	18.32	18.15		
1.4	64QAM	6	0	17.37	17.40	17.23	19	3

Band 5 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.41	21.48	21.36	22	0
10	QPSK	1	25	21.34	21.41	21.30		
10	QPSK	1	49	21.22	21.26	21.17		
10	QPSK	25	0	20.25	20.39	20.24	21	1
10	QPSK	25	12	20.23	20.34	20.20		
10	QPSK	25	25	20.11	20.23	20.19		
10	QPSK	50	0	20.20	20.29	20.14		
10	16QAM	1	0	20.20	20.28	20.21	21	1
10	16QAM	1	25	20.06	20.20	20.09		
10	16QAM	1	49	20.08	20.21	20.12		
10	16QAM	25	0	19.26	19.35	19.25	20	2
10	16QAM	25	12	19.25	19.31	19.28		
10	16QAM	25	25	19.06	19.20	19.08		
10	16QAM	50	0	19.17	19.28	19.22		
10	64QAM	1	0	19.29	19.42	19.35	20	2
10	64QAM	1	25	19.38	19.48	19.38		
10	64QAM	1	49	19.33	19.41	19.32		
10	64QAM	25	0	18.28	18.37	18.25	19	3
10	64QAM	25	12	18.24	18.33	18.19		
10	64QAM	25	25	18.09	18.21	18.11		
10	64QAM	50	0	18.14	18.29	18.16		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.29	21.45	21.23	22	0
5	QPSK	1	12	21.22	21.31	21.23		
5	QPSK	1	24	21.14	21.20	21.03		
5	QPSK	12	0	20.15	20.35	20.10	21	1
5	QPSK	12	7	20.13	20.29	20.10		
5	QPSK	12	13	20.06	20.18	20.13		
5	QPSK	25	0	20.12	20.17	20.06		
5	16QAM	1	0	20.09	20.20	20.12	21	1
5	16QAM	1	12	19.95	20.10	20.04		
5	16QAM	1	24	19.93	20.12	20.01		
5	16QAM	12	0	19.18	19.27	19.14	20	2
5	16QAM	12	7	19.13	19.26	19.22		
5	16QAM	12	13	18.98	19.12	18.98		
5	16QAM	25	0	19.04	19.15	19.16		
5	64QAM	1	0	19.25	19.34	19.24	20	2
5	64QAM	1	12	19.28	19.36	19.25		
5	64QAM	1	24	19.26	19.37	19.27		
5	64QAM	12	0	18.20	18.28	18.10	19	3
5	64QAM	12	7	18.16	18.30	18.13		
5	64QAM	12	13	17.96	18.07	17.97		
5	64QAM	25	0	18.01	18.18	18.13		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.28	21.33	21.31	22	0
3	QPSK	1	8	21.28	21.34	21.18		
3	QPSK	1	14	21.11	21.18	21.11		
3	QPSK	8	0	20.12	20.35	20.12	21	1
3	QPSK	8	4	20.11	20.20	20.09		
3	QPSK	8	7	20.06	20.11	20.14		
3	QPSK	15	0	20.08	20.20	19.99		
3	16QAM	1	0	20.08	20.16	20.14	21	1
3	16QAM	1	8	20.01	20.16	20.05		
3	16QAM	1	14	19.93	20.10	20.01		
3	16QAM	8	0	19.12	19.25	19.18	20	2
3	16QAM	8	4	19.12	19.22	19.21		
3	16QAM	8	7	18.99	19.06	18.98		
3	16QAM	15	0	19.05	19.23	19.16		
3	64QAM	1	0	19.16	19.36	19.31	20	2
3	64QAM	1	8	19.23	19.33	19.27		
3	64QAM	1	14	19.19	19.33	19.24		
3	64QAM	8	0	18.25	18.33	18.18	19	3
3	64QAM	8	4	18.13	18.26	18.14		
3	64QAM	8	7	18.01	18.11	18.06		
3	64QAM	15	0	18.06	18.15	18.08		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.30	21.35	21.24	22	0
1.4	QPSK	1	3	21.35	21.26	21.13		
1.4	QPSK	1	5	21.07	21.26	21.11		
1.4	QPSK	3	0	21.28	21.32	21.27		
1.4	QPSK	3	1	21.30	21.34	21.20		
1.4	QPSK	3	3	21.10	21.20	21.15		
1.4	QPSK	6	0	20.16	20.37	20.28	21	1
1.4	16QAM	1	0	20.25	20.27	20.27	21	1
1.4	16QAM	1	3	20.09	20.31	20.10		
1.4	16QAM	1	5	20.19	20.21	20.15		
1.4	16QAM	3	0	20.06	20.13	20.06		
1.4	16QAM	3	1	20.22	20.18	20.14		
1.4	16QAM	3	3	20.07	20.08	20.04		
1.4	16QAM	6	0	19.17	19.36	19.18	20	2
1.4	64QAM	1	0	19.30	19.24	19.26	20	2
1.4	64QAM	1	3	19.09	19.17	19.01		
1.4	64QAM	1	5	19.16	19.22	19.19		
1.4	64QAM	3	0	19.35	19.46	19.31		
1.4	64QAM	3	1	19.30	19.31	19.35		
1.4	64QAM	3	3	19.17	19.33	19.28		
1.4	64QAM	6	0	18.47	18.46	18.33	19	3

Reduced Power for DSI 4 for Main PA

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	32.87	32.91	32.84	33.50	23.87	23.91	23.84	24.50
GPRS 1 Tx slot	32.76	32.82	32.70	33.50	23.76	23.82	23.70	24.50
GPRS 2 Tx slots	31.81	31.87	31.73	32.50	25.81	25.87	25.73	26.50
GPRS 3 Tx slots	29.99	30.09	29.98	31.00	25.73	25.83	25.72	26.74
GPRS 4 Tx slots	28.87	28.98	28.87	30.00	25.87	25.98	25.87	27.00
EDGE 1 Tx slot	27.19	27.24	27.20	28.50	18.19	18.24	18.20	19.50
EDGE 2 Tx slots	26.06	26.18	26.06	27.50	20.06	20.18	20.06	21.50
EDGE 3 Tx slots	24.06	24.20	24.10	25.50	19.80	19.94	19.84	21.24
EDGE 4 Tx slots	22.74	22.86	22.82	24.00	19.74	19.86	19.82	21.00

GSM1900 Ant1 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	29.12	29.19	29.02	30.50	20.12	20.19	20.02	21.50
GPRS 1 Tx slot	29.07	29.09	29.00	30.50	20.07	20.09	20.00	21.50
GPRS 2 Tx slots	28.35	28.41	28.28	29.50	22.35	22.41	22.28	23.50
GPRS 3 Tx slots	26.69	26.71	26.62	28.00	22.43	22.45	22.36	23.74
GPRS 4 Tx slots	25.61	25.69	25.67	27.00	22.61	22.69	22.67	24.00
EDGE 1 Tx slot	25.53	25.61	25.58	27.00	16.53	16.61	16.58	18.00
EDGE 2 Tx slots	24.50	24.66	24.55	26.00	18.50	18.66	18.55	20.00
EDGE 3 Tx slots	22.47	22.55	22.40	24.00	18.21	18.29	18.14	19.74
EDGE 4 Tx slots	21.11	21.20	21.17	22.50	18.11	18.20	18.17	19.50

		WCDMA II Ant1 Default				WCDMA IV Ant1 Default				WCDMA V Ant1 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.05	23.20	23.09	24.00	22.90	23.13	23.01	24.00	22.92	23.06	22.97	24.00
3GPP Rel 99	RMC 12.2Kbps	23.10	23.23	23.20	24.00	23.00	23.17	23.08	24.00	23.03	23.12	23.10	24.00
3GPP Rel 6	HSDPA Subtest-1	22.17	22.23	22.13	23.00	22.05	22.19	22.02	23.00	22.05	22.16	22.05	23.00
3GPP Rel 6	HSDPA Subtest-2	22.02	22.07	22.14	23.00	21.95	22.03	22.09	23.00	21.90	21.96	21.97	23.00
3GPP Rel 6	HSDPA Subtest-3	21.55	21.63	21.46	22.50	21.41	21.50	21.32	22.50	21.40	21.54	21.36	22.50
3GPP Rel 6	HSDPA Subtest-4	21.68	21.69	21.53	22.50	21.60	21.66	21.48	22.50	21.55	21.56	21.43	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.33	22.22	22.08	23.00	22.28	22.09	21.97	23.00	22.16	22.10	22.02	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.87	22.09	21.91	23.00	21.79	22.02	21.79	23.00	21.77	21.96	21.84	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.48	21.40	21.33	22.50	21.37	21.26	21.28	22.50	21.33	21.33	21.18	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.49	21.61	21.47	22.50	21.38	21.48	21.35	22.50	21.33	21.45	21.40	22.50
3GPP Rel 6	HSUPA Subtest-1	22.31	22.39	22.00	23.00	22.26	22.33	21.94	23.00	22.16	22.22	21.94	23.00
3GPP Rel 6	HSUPA Subtest-2	20.10	20.31	20.26	21.00	19.99	20.26	20.13	21.00	20.04	20.24	20.17	21.00
3GPP Rel 6	HSUPA Subtest-3	21.29	21.30	21.14	22.00	21.22	21.21	21.07	22.00	21.18	21.14	21.01	22.00
3GPP Rel 6	HSUPA Subtest-4	20.14	20.09	20.12	21.00	20.00	20.06	20.07	21.00	20.07	19.95	19.96	21.00
3GPP Rel 6	HSUPA Subtest-5	22.08	22.05	22.00	23.00	22.05	21.99	21.88	23.00	21.93	21.90	21.85	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.56	19.73	19.64	20.50	19.45	19.65	19.59	20.50	19.43	19.62	19.48	20.50

Band 2 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.49	22.56	22.43	24	0
20	QPSK	1	49	22.43	22.50	22.43		
20	QPSK	1	99	22.23	22.39	22.29		
20	QPSK	50	0	21.46	21.58	21.42	23	1
20	QPSK	50	24	21.49	21.57	21.43		
20	QPSK	50	50	21.27	21.46	21.24		
20	QPSK	100	0	21.28	21.41	21.31		
20	16QAM	1	0	21.38	21.44	21.21	23	1
20	16QAM	1	49	21.32	21.42	21.28		
20	16QAM	1	99	21.32	21.44	21.34		
20	16QAM	50	0	20.38	20.51	20.41	22	2
20	16QAM	50	24	20.41	20.53	20.46		
20	16QAM	50	50	20.33	20.47	20.27		
20	16QAM	100	0	20.27	20.48	20.24		
20	64QAM	1	0	20.47	20.53	20.46	22	2
20	64QAM	1	49	20.55	20.63	20.57		
20	64QAM	1	99	20.36	20.45	20.36		
20	64QAM	50	0	19.45	19.62	19.57	21	3
20	64QAM	50	24	19.56	19.65	19.52		
20	64QAM	50	50	19.52	19.52	19.49		
20	64QAM	100	0	19.55	19.60	19.53		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.45	22.49	22.38	24	0
15	QPSK	1	37	22.34	22.40	22.38		
15	QPSK	1	74	22.15	22.36	22.23		
15	QPSK	36	0	21.34	21.48	21.37	23	1
15	QPSK	36	20	21.44	21.47	21.39		
15	QPSK	36	39	21.14	21.42	21.10		
15	QPSK	75	0	21.14	21.30	21.18		
15	16QAM	1	0	21.30	21.36	21.12	23	1
15	16QAM	1	37	21.29	21.32	21.17		
15	16QAM	1	74	21.17	21.31	21.27		
15	16QAM	36	0	20.27	20.43	20.27	22	2
15	16QAM	36	20	20.35	20.40	20.33		
15	16QAM	36	39	20.25	20.44	20.20		
15	16QAM	75	0	20.21	20.37	20.20		
15	64QAM	1	0	20.34	20.45	20.41	22	2
15	64QAM	1	37	20.42	20.48	20.49		
15	64QAM	1	74	20.23	20.36	20.24		
15	64QAM	36	0	19.34	19.55	19.53	21	3
15	64QAM	36	20	19.46	19.58	19.47		
15	64QAM	36	39	19.37	19.49	19.45		
15	64QAM	75	0	19.52	19.46	19.44		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.34	22.43	22.29	24	0
10	QPSK	1	25	22.35	22.42	22.31		
10	QPSK	1	49	22.09	22.26	22.22		
10	QPSK	25	0	21.36	21.45	21.34	23	1
10	QPSK	25	12	21.39	21.50	21.37		
10	QPSK	25	25	21.15	21.42	21.18		
10	QPSK	50	0	21.13	21.32	21.22		
10	16QAM	1	0	21.27	21.35	21.09	23	1
10	16QAM	1	25	21.18	21.31	21.19		
10	16QAM	1	49	21.26	21.32	21.20		
10	16QAM	25	0	20.31	20.48	20.36	22	2
10	16QAM	25	12	20.38	20.39	20.38		
10	16QAM	25	25	20.18	20.42	20.17		
10	16QAM	50	0	20.13	20.44	20.18		
10	64QAM	1	0	20.40	20.47	20.37	22	2
10	64QAM	1	25	20.42	20.57	20.47		
10	64QAM	1	49	20.22	20.32	20.27		
10	64QAM	25	0	19.39	19.48	19.51	21	3
10	64QAM	25	12	19.42	19.57	19.42		
10	64QAM	25	25	19.41	19.42	19.43		
10	64QAM	50	0	19.43	19.46	19.48		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.42	22.52	22.31	24	0
5	QPSK	1	12	22.32	22.36	22.35		
5	QPSK	1	24	22.19	22.27	22.17		
5	QPSK	12	0	21.40	21.55	21.28	23	1
5	QPSK	12	7	21.35	21.45	21.33		
5	QPSK	12	13	21.20	21.38	21.15		
5	QPSK	25	0	21.17	21.29	21.17		
5	16QAM	1	0	21.33	21.32	21.09	23	1
5	16QAM	1	12	21.26	21.38	21.17		
5	16QAM	1	24	21.20	21.36	21.24		
5	16QAM	12	0	20.23	20.41	20.37	22	2
5	16QAM	12	7	20.27	20.48	20.38		
5	16QAM	12	13	20.24	20.37	20.21		
5	16QAM	25	0	20.20	20.40	20.18		
5	64QAM	1	0	20.37	20.49	20.41	22	2
5	64QAM	1	12	20.47	20.49	20.52		
5	64QAM	1	24	20.24	20.31	20.29		
5	64QAM	12	0	19.37	19.52	19.51	21	3
5	64QAM	12	7	19.52	19.55	19.41		
5	64QAM	12	13	19.37	19.37	19.44		
5	64QAM	25	0	19.43	19.49	19.42		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.36	22.50	22.40	24	0
3	QPSK	1	8	22.39	22.41	22.36		
3	QPSK	1	14	22.10	22.35	22.19		
3	QPSK	8	0	21.32	21.48	21.37	23	1
3	QPSK	8	4	21.37	21.51	21.37		
3	QPSK	8	7	21.12	21.38	21.12		
3	QPSK	15	0	21.20	21.38	21.21		
3	16QAM	1	0	21.26	21.38	21.18	23	1
3	16QAM	1	8	21.26	21.34	21.13		
3	16QAM	1	14	21.24	21.41	21.24		
3	16QAM	8	0	20.34	20.47	20.37	22	2
3	16QAM	8	4	20.37	20.45	20.40		
3	16QAM	8	7	20.24	20.37	20.12		
3	16QAM	15	0	20.24	20.43	20.15		
3	64QAM	1	0	20.38	20.38	20.33	22	2
3	64QAM	1	8	20.46	20.56	20.48		
3	64QAM	1	14	20.27	20.41	20.23		
3	64QAM	8	0	19.35	19.50	19.44	21	3
3	64QAM	8	4	19.47	19.54	19.46		
3	64QAM	8	7	19.39	19.47	19.38		
3	64QAM	15	0	19.44	19.48	19.39		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.37	22.40	22.28	24	0
1.4	QPSK	1	3	22.28	22.38	22.33		
1.4	QPSK	1	5	22.15	22.31	22.17		
1.4	QPSK	3	0	22.14	22.36	22.24		
1.4	QPSK	3	1	22.33	22.39	22.27		
1.4	QPSK	3	3	22.14	22.38	22.33		
1.4	QPSK	6	0	21.34	21.49	21.35	23	1
1.4	16QAM	1	0	21.42	21.44	21.39	23	1
1.4	16QAM	1	3	21.31	21.37	21.26		
1.4	16QAM	1	5	21.19	21.35	21.33		
1.4	16QAM	3	0	21.27	21.27	21.14		
1.4	16QAM	3	1	21.12	21.16	21.24		
1.4	16QAM	3	3	21.18	21.26	21.29		
1.4	16QAM	6	0	20.33	20.38	20.32	22	2
1.4	64QAM	1	0	20.37	20.52	20.34	22	2
1.4	64QAM	1	3	20.36	20.30	20.19		
1.4	64QAM	1	5	20.26	20.35	20.15		
1.4	64QAM	3	0	20.45	20.50	20.37		
1.4	64QAM	3	1	20.47	20.42	20.53		
1.4	64QAM	3	3	20.22	20.37	20.27		
1.4	64QAM	6	0	19.48	19.54	19.52	21	3

Band 4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.35	22.46	22.42	24	0
20	QPSK	1	49	22.28	22.31	22.24		
20	QPSK	1	99	22.21	22.27	22.14		
20	QPSK	50	0	21.29	21.43	21.30	23	1
20	QPSK	50	24	21.28	21.40	21.34		
20	QPSK	50	50	21.35	21.41	21.27		
20	QPSK	100	0	21.29	21.42	21.34		
20	16QAM	1	0	21.26	21.32	21.27	23	1
20	16QAM	1	49	21.27	21.37	21.27		
20	16QAM	1	99	21.25	21.36	21.23		
20	16QAM	50	0	20.42	20.57	20.49	22	2
20	16QAM	50	24	20.42	20.53	20.42		
20	16QAM	50	50	20.40	20.51	20.39		
20	16QAM	100	0	20.39	20.53	20.48		
20	64QAM	1	0	20.50	20.55	20.52	22	2
20	64QAM	1	49	20.55	20.68	20.62		
20	64QAM	1	99	20.47	20.57	20.46		
20	64QAM	50	0	19.41	19.53	19.46	21	3
20	64QAM	50	24	19.47	19.55	19.41		
20	64QAM	50	50	19.38	19.53	19.40		
20	64QAM	100	0	19.49	19.52	19.38		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.32	22.33	22.31	24	0
15	QPSK	1	37	22.14	22.25	22.20		
15	QPSK	1	74	22.08	22.21	22.06		
15	QPSK	36	0	21.19	21.32	21.24	23	1
15	QPSK	36	20	21.16	21.26	21.27		
15	QPSK	36	39	21.30	21.33	21.21		
15	QPSK	75	0	21.20	21.38	21.22		
15	16QAM	1	0	21.23	21.17	21.20	23	1
15	16QAM	1	37	21.22	21.29	21.18		
15	16QAM	1	74	21.11	21.25	21.17		
15	16QAM	36	0	20.29	20.49	20.44	22	2
15	16QAM	36	20	20.34	20.39	20.36		
15	16QAM	36	39	20.33	20.42	20.33		
15	16QAM	75	0	20.28	20.50	20.38		
15	64QAM	1	0	20.44	20.46	20.42	22	2
15	64QAM	1	37	20.51	20.63	20.50		
15	64QAM	1	74	20.40	20.45	20.36		
15	64QAM	36	0	19.29	19.49	19.35	21	3
15	64QAM	36	20	19.41	19.43	19.29		
15	64QAM	36	39	19.26	19.44	19.35		
15	64QAM	75	0	19.41	19.42	19.30		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.30	22.38	22.35	24	0
10	QPSK	1	25	22.21	22.16	22.12		
10	QPSK	1	49	22.09	22.18	22.07		
10	QPSK	25	0	21.22	21.34	21.19	23	1
10	QPSK	25	12	21.15	21.36	21.24		
10	QPSK	25	25	21.27	21.27	21.13		
10	QPSK	50	0	21.23	21.30	21.27		
10	16QAM	1	0	21.14	21.28	21.23	23	1
10	16QAM	1	25	21.21	21.31	21.24		
10	16QAM	1	49	21.11	21.27	21.11		
10	16QAM	25	0	20.36	20.48	20.34	22	2
10	16QAM	25	12	20.35	20.41	20.36		
10	16QAM	25	25	20.27	20.38	20.34		
10	16QAM	50	0	20.25	20.39	20.37		
10	64QAM	1	0	20.44	20.40	20.37	22	2
10	64QAM	1	25	20.42	20.57	20.50		
10	64QAM	1	49	20.32	20.50	20.32		
10	64QAM	25	0	19.37	19.45	19.41	21	3
10	64QAM	25	12	19.34	19.46	19.37		
10	64QAM	25	25	19.29	19.47	19.30		
10	64QAM	50	0	19.37	19.43	19.34		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.22	22.41	22.31	24	0
5	QPSK	1	12	22.22	22.27	22.20		
5	QPSK	1	24	22.16	22.13	22.06		
5	QPSK	12	0	21.22	21.33	21.23	23	1
5	QPSK	12	7	21.22	21.25	21.21		
5	QPSK	12	13	21.21	21.30	21.23		
5	QPSK	25	0	21.16	21.33	21.23		
5	16QAM	1	0	21.20	21.26	21.13	23	1
5	16QAM	1	12	21.18	21.32	21.24		
5	16QAM	1	24	21.13	21.31	21.12		
5	16QAM	12	0	20.31	20.48	20.41	22	2
5	16QAM	12	7	20.36	20.48	20.32		
5	16QAM	12	13	20.29	20.39	20.27		
5	16QAM	25	0	20.28	20.41	20.41		
5	64QAM	1	0	20.42	20.45	20.39	22	2
5	64QAM	1	12	20.47	20.65	20.51		
5	64QAM	1	24	20.32	20.43	20.34		
5	64QAM	12	0	19.33	19.47	19.41	21	3
5	64QAM	12	7	19.42	19.45	19.36		
5	64QAM	12	13	19.33	19.41	19.33		
5	64QAM	25	0	19.36	19.39	19.30		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.22	22.32	22.37	24	0
3	QPSK	1	8	22.22	22.26	22.21		
3	QPSK	1	14	22.08	22.15	22.07		
3	QPSK	8	0	21.17	21.34	21.16	23	1
3	QPSK	8	4	21.17	21.37	21.28		
3	QPSK	8	7	21.31	21.27	21.23		
3	QPSK	15	0	21.22	21.28	21.21		
3	16QAM	1	0	21.16	21.23	21.21	23	1
3	16QAM	1	8	21.22	21.23	21.13		
3	16QAM	1	14	21.16	21.28	21.08		
3	16QAM	8	0	20.32	20.48	20.40	22	2
3	16QAM	8	4	20.33	20.41	20.29		
3	16QAM	8	7	20.26	20.46	20.35		
3	16QAM	15	0	20.35	20.48	20.33		
3	64QAM	1	0	20.39	20.46	20.47	22	2
3	64QAM	1	8	20.43	20.64	20.58		
3	64QAM	1	14	20.42	20.47	20.43		
3	64QAM	8	0	19.37	19.42	19.35	21	3
3	64QAM	8	4	19.38	19.40	19.38		
3	64QAM	8	7	19.32	19.46	19.30		
3	64QAM	15	0	19.36	19.40	19.25		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.30	22.34	22.14	24	0
1.4	QPSK	1	3	22.14	22.28	22.22		
1.4	QPSK	1	5	22.08	22.21	22.15		
1.4	QPSK	3	0	22.05	22.23	22.11		
1.4	QPSK	3	1	22.22	22.31	22.23		
1.4	QPSK	3	3	22.28	22.31	22.18		
1.4	QPSK	6	0	21.29	21.44	21.28	23	1
1.4	16QAM	1	0	21.29	21.38	21.29	23	1
1.4	16QAM	1	3	21.14	21.27	21.12		
1.4	16QAM	1	5	21.09	21.25	21.18		
1.4	16QAM	3	0	21.24	21.15	21.01		
1.4	16QAM	3	1	21.10	21.10	21.12		
1.4	16QAM	3	3	21.10	21.20	21.21		
1.4	16QAM	6	0	20.24	20.31	20.20	22	2
1.4	64QAM	1	0	20.22	20.34	20.26	22	2
1.4	64QAM	1	3	20.28	20.21	20.06		
1.4	64QAM	1	5	20.17	20.27	20.03		
1.4	64QAM	3	0	20.40	20.42	20.32		
1.4	64QAM	3	1	20.32	20.34	20.38		
1.4	64QAM	3	3	20.17	20.26	20.22		
1.4	64QAM	6	0	19.33	19.47	19.49	21	3

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	22.83	22.88	22.81	24	0
10	QPSK	1	25	22.72	22.79	22.66		
10	QPSK	1	49	22.67	22.81	22.66		
10	QPSK	25	0	21.82	21.89	21.77	23	1
10	QPSK	25	12	21.79	21.87	21.82		
10	QPSK	25	25	21.70	21.80	21.76		
10	QPSK	50	0	21.75	21.86	21.79		
10	16QAM	1	0	21.77	21.81	21.77	23	1
10	16QAM	1	25	21.64	21.75	21.71		
10	16QAM	1	49	21.65	21.78	21.65		
10	16QAM	25	0	20.74	20.83	20.70	22	2
10	16QAM	25	12	20.71	20.81	20.75		
10	16QAM	25	25	20.75	20.81	20.68		
10	16QAM	50	0	20.75	20.80	20.74		
10	64QAM	1	0	20.83	20.89	20.80	22	2
10	64QAM	1	25	20.89	20.98	20.93		
10	64QAM	1	49	20.88	20.92	20.88		
10	64QAM	25	0	19.76	19.85	19.75	21	3
10	64QAM	25	12	19.68	19.81	19.69		
10	64QAM	25	25	19.71	19.80	19.75		
10	64QAM	50	0	19.72	19.82	19.76		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.73	22.81	22.72	24	0
5	QPSK	1	12	22.58	22.75	22.60		
5	QPSK	1	24	22.55	22.76	22.59		
5	QPSK	12	0	21.74	21.85	21.66	23	1
5	QPSK	12	7	21.70	21.79	21.78		
5	QPSK	12	13	21.55	21.65	21.67		
5	QPSK	25	0	21.63	21.76	21.68		
5	16QAM	1	0	21.65	21.72	21.73	23	1
5	16QAM	1	12	21.49	21.60	21.56		
5	16QAM	1	24	21.57	21.70	21.52		
5	16QAM	12	0	20.62	20.79	20.59	22	2
5	16QAM	12	7	20.60	20.74	20.66		
5	16QAM	12	13	20.70	20.68	20.63		
5	16QAM	25	0	20.60	20.76	20.64		
5	64QAM	1	0	20.73	20.81	20.75	22	2
5	64QAM	1	12	20.74	20.85	20.80		
5	64QAM	1	24	20.74	20.82	20.74		
5	64QAM	12	0	19.63	19.78	19.71	21	3
5	64QAM	12	7	19.58	19.76	19.56		
5	64QAM	12	13	19.64	19.70	19.67		
5	64QAM	25	0	19.59	19.79	19.62		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.71	22.83	22.67	24	0
3	QPSK	1	8	22.68	22.75	22.59		
3	QPSK	1	14	22.61	22.69	22.54		
3	QPSK	8	0	21.72	21.85	21.63	23	1
3	QPSK	8	4	21.74	21.79	21.67		
3	QPSK	8	7	21.57	21.69	21.66		
3	QPSK	15	0	21.65	21.79	21.72		
3	16QAM	1	0	21.68	21.73	21.68	23	1
3	16QAM	1	8	21.51	21.71	21.62		
3	16QAM	1	14	21.50	21.70	21.59		
3	16QAM	8	0	20.64	20.77	20.58	22	2
3	16QAM	8	4	20.61	20.72	20.68		
3	16QAM	8	7	20.62	20.72	20.58		
3	16QAM	15	0	20.72	20.76	20.69		
3	64QAM	1	0	20.79	20.81	20.72	22	2
3	64QAM	1	8	20.83	20.92	20.86		
3	64QAM	1	14	20.76	20.85	20.74		
3	64QAM	8	0	19.66	19.72	19.60	21	3
3	64QAM	8	4	19.59	19.76	19.61		
3	64QAM	8	7	19.58	19.68	19.71		
3	64QAM	15	0	19.59	19.77	19.66		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.80	22.78	22.63	24	0
1.4	QPSK	1	3	22.60	22.79	22.63		
1.4	QPSK	1	5	22.48	22.65	22.57		
1.4	QPSK	3	0	22.47	22.68	22.55		
1.4	QPSK	3	1	22.70	22.78	22.70		
1.4	QPSK	3	3	22.49	22.73	22.59		
1.4	QPSK	6	0	21.69	21.87	21.70	23	1
1.4	16QAM	1	0	21.72	21.85	21.77	23	1
1.4	16QAM	1	3	21.65	21.74	21.63		
1.4	16QAM	1	5	21.57	21.66	21.61		
1.4	16QAM	3	0	21.73	21.64	21.51		
1.4	16QAM	3	1	21.52	21.51	21.57		
1.4	16QAM	3	3	21.51	21.61	21.68		
1.4	16QAM	6	0	20.68	20.72	20.65	22	2
1.4	64QAM	1	0	20.66	20.74	20.67	22	2
1.4	64QAM	1	3	20.78	20.62	20.52		
1.4	64QAM	1	5	20.60	20.75	20.48		
1.4	64QAM	3	0	20.88	20.87	20.82		
1.4	64QAM	3	1	20.79	20.82	20.82		
1.4	64QAM	3	3	20.68	20.70	20.63		
1.4	64QAM	6	0	19.76	19.93	19.97	21	3

Band 7 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.90	22.99	22.94	24	0
20	QPSK	1	49	22.88	22.89	22.87		
20	QPSK	1	99	22.85	22.91	22.81		
20	QPSK	50	0	21.84	22.04	21.96	23	1
20	QPSK	50	24	21.85	21.99	21.86		
20	QPSK	50	50	21.75	21.88	21.85		
20	QPSK	100	0	21.78	21.92	21.90		
20	16QAM	1	0	21.76	21.85	21.80	23	1
20	16QAM	1	49	21.83	21.87	21.83		
20	16QAM	1	99	21.71	21.81	21.68		
20	16QAM	50	0	20.74	20.83	20.80	22	2
20	16QAM	50	24	20.82	20.88	20.78		
20	16QAM	50	50	20.93	20.98	20.81		
20	16QAM	100	0	20.84	20.90	20.80		
20	64QAM	1	0	20.75	20.83	20.80	22	2
20	64QAM	1	49	21.06	21.06	21.03		
20	64QAM	1	99	20.92	21.00	20.94		
20	64QAM	50	0	19.96	20.03	20.01	21	3
20	64QAM	50	24	20.03	20.11	20.02		
20	64QAM	50	50	20.03	20.17	20.12		
20	64QAM	100	0	19.86	19.97	19.92		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.86	22.93	22.89	24	0
15	QPSK	1	37	22.78	22.85	22.79		
15	QPSK	1	74	22.75	22.79	22.71		
15	QPSK	36	0	21.71	21.99	21.86	23	1
15	QPSK	36	20	21.78	21.94	21.77		
15	QPSK	36	39	21.64	21.74	21.82		
15	QPSK	75	0	21.72	21.79	21.81		
15	16QAM	1	0	21.71	21.81	21.72	23	1
15	16QAM	1	37	21.68	21.78	21.78		
15	16QAM	1	74	21.64	21.72	21.62		
15	16QAM	36	0	20.60	20.69	20.68	22	2
15	16QAM	36	20	20.67	20.85	20.64		
15	16QAM	36	39	20.86	20.92	20.75		
15	16QAM	75	0	20.74	20.77	20.76		
15	64QAM	1	0	20.61	20.71	20.67	22	2
15	64QAM	1	37	21.01	20.93	20.96		
15	64QAM	1	74	20.78	20.87	20.91		
15	64QAM	36	0	19.93	19.96	19.96	21	3
15	64QAM	36	20	19.88	20.03	19.99		
15	64QAM	36	39	19.98	20.05	19.98		
15	64QAM	75	0	19.75	19.91	19.84		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.82	22.88	22.82	24	0
10	QPSK	1	25	22.75	22.85	22.80		
10	QPSK	1	49	22.76	22.85	22.75		
10	QPSK	25	0	21.73	21.98	21.84	23	1
10	QPSK	25	12	21.74	21.86	21.81		
10	QPSK	25	25	21.67	21.76	21.78		
10	QPSK	50	0	21.66	21.80	21.86		
10	16QAM	1	0	21.64	21.79	21.67	23	1
10	16QAM	1	25	21.70	21.75	21.71		
10	16QAM	1	49	21.64	21.66	21.54		
10	16QAM	25	0	20.69	20.74	20.66	22	2
10	16QAM	25	12	20.78	20.80	20.69		
10	16QAM	25	25	20.86	20.84	20.77		
10	16QAM	50	0	20.78	20.86	20.65		
10	64QAM	1	0	20.64	20.79	20.68	22	2
10	64QAM	1	25	20.92	20.95	20.96		
10	64QAM	1	49	20.80	20.95	20.84		
10	64QAM	25	0	19.83	19.92	19.87	21	3
10	64QAM	25	12	19.91	20.01	19.88		
10	64QAM	25	25	19.89	20.10	20.07		
10	64QAM	50	0	19.81	19.87	19.88		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.87	22.94	22.85	24	0
5	QPSK	1	12	22.83	22.82	22.77		
5	QPSK	1	24	22.72	22.84	22.67		
5	QPSK	12	0	21.78	21.96	21.93	23	1
5	QPSK	12	7	21.73	21.88	21.77		
5	QPSK	12	13	21.71	21.82	21.72		
5	QPSK	25	0	21.64	21.89	21.76		
5	16QAM	1	0	21.72	21.71	21.72	23	1
5	16QAM	1	12	21.72	21.75	21.73		
5	16QAM	1	24	21.64	21.72	21.61		
5	16QAM	12	0	20.66	20.68	20.70	22	2
5	16QAM	12	7	20.73	20.85	20.73		
5	16QAM	12	13	20.88	20.86	20.75		
5	16QAM	25	0	20.77	20.84	20.73		
5	64QAM	1	0	20.67	20.75	20.77	22	2
5	64QAM	1	12	20.93	20.92	20.92		
5	64QAM	1	24	20.87	20.88	20.81		
5	64QAM	12	0	19.87	19.97	19.86	21	3
5	64QAM	12	7	19.93	20.07	19.99		
5	64QAM	12	13	19.99	20.06	20.08		
5	64QAM	25	0	19.73	19.91	19.80		

Band 38 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.82	22.87	22.78	24	0
20	QPSK	1	49	22.71	22.75	22.65		
20	QPSK	1	99	22.70	22.76	22.78		
20	QPSK	50	0	21.71	21.82	21.70	23	1
20	QPSK	50	24	21.66	21.73	21.62		
20	QPSK	50	50	21.69	21.79	21.63		
20	QPSK	100	0	21.67	21.70	21.64		
20	16QAM	1	0	21.57	21.66	21.67	23	1
20	16QAM	1	49	21.52	21.70	21.54		
20	16QAM	1	99	21.45	21.52	21.44		
20	16QAM	50	0	20.76	20.85	20.75	22	2
20	16QAM	50	24	20.61	20.77	20.64		
20	16QAM	50	50	20.68	20.78	20.71		
20	16QAM	100	0	20.67	20.74	20.66		
20	64QAM	1	0	20.31	20.43	20.34	22	2
20	64QAM	1	49	20.42	20.53	20.48		
20	64QAM	1	99	20.48	20.49	20.43		
20	64QAM	50	0	19.84	19.89	19.86	21	3
20	64QAM	50	24	19.81	19.90	19.80		
20	64QAM	50	50	19.86	19.91	19.78		
20	64QAM	100	0	19.74	19.92	19.82		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.72	22.78	22.74	24	0
15	QPSK	1	37	22.62	22.61	22.51		
15	QPSK	1	74	22.60	22.67	22.69		
15	QPSK	36	0	21.59	21.71	21.66	23	1
15	QPSK	36	20	21.56	21.61	21.49		
15	QPSK	36	39	21.61	21.72	21.51		
15	QPSK	75	0	21.62	21.61	21.55		
15	16QAM	1	0	21.48	21.52	21.63	23	1
15	16QAM	1	37	21.37	21.63	21.45		
15	16QAM	1	74	21.32	21.41	21.35		
15	16QAM	36	0	20.68	20.75	20.71	22	2
15	16QAM	36	20	20.47	20.71	20.52		
15	16QAM	36	39	20.53	20.66	20.63		
15	16QAM	75	0	20.53	20.62	20.57		
15	64QAM	1	0	20.27	20.40	20.23	22	2
15	64QAM	1	37	20.34	20.44	20.43		
15	64QAM	1	74	20.35	20.38	20.28		
15	64QAM	36	0	19.73	19.77	19.78	21	3
15	64QAM	36	20	19.76	19.79	19.74		
15	64QAM	36	39	19.81	19.87	19.65		
15	64QAM	75	0	19.67	19.85	19.78		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.73	22.74	22.74	24	0
10	QPSK	1	25	22.61	22.67	22.51		
10	QPSK	1	49	22.63	22.69	22.66		
10	QPSK	25	0	21.58	21.74	21.60	23	1
10	QPSK	25	12	21.52	21.59	21.58		
10	QPSK	25	25	21.63	21.64	21.59		
10	QPSK	50	0	21.63	21.59	21.60		
10	16QAM	1	0	21.43	21.59	21.61	23	1
10	16QAM	1	25	21.38	21.62	21.50		
10	16QAM	1	49	21.35	21.39	21.40		
10	16QAM	25	0	20.62	20.75	20.64	22	2
10	16QAM	25	12	20.53	20.74	20.56		
10	16QAM	25	25	20.58	20.73	20.63		
10	16QAM	50	0	20.57	20.60	20.52		
10	64QAM	1	0	20.20	20.34	20.24	22	2
10	64QAM	1	25	20.27	20.48	20.38		
10	64QAM	1	49	20.34	20.40	20.34		
10	64QAM	25	0	19.75	19.83	19.74	21	3
10	64QAM	25	12	19.71	19.76	19.71		
10	64QAM	25	25	19.73	19.80	19.67		
10	64QAM	50	0	19.60	19.84	19.77		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.70	22.81	22.68	24	0
5	QPSK	1	12	22.58	22.70	22.52		
5	QPSK	1	24	22.60	22.63	22.66		
5	QPSK	12	0	21.67	21.72	21.58	23	1
5	QPSK	12	7	21.59	21.69	21.48		
5	QPSK	12	13	21.55	21.75	21.59		
5	QPSK	25	0	21.60	21.56	21.53		
5	16QAM	1	0	21.51	21.53	21.58	23	1
5	16QAM	1	12	21.43	21.55	21.48		
5	16QAM	1	24	21.30	21.49	21.30		
5	16QAM	12	0	20.71	20.77	20.67	22	2
5	16QAM	12	7	20.48	20.68	20.56		
5	16QAM	12	13	20.55	20.74	20.64		
5	16QAM	25	0	20.61	20.70	20.57		
5	64QAM	1	0	20.22	20.34	20.30	22	2
5	64QAM	1	12	20.31	20.43	20.38		
5	64QAM	1	24	20.37	20.44	20.28		
5	64QAM	12	0	19.76	19.76	19.83	21	3
5	64QAM	12	7	19.68	19.84	19.71		
5	64QAM	12	13	19.78	19.78	19.73		
5	64QAM	25	0	19.66	19.87	19.68		

Band 41 Ant2 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	22.81	22.70	22.89	22.77	22.75	24	0
20	QPSK	1	49	22.73	22.74	22.80	22.80	22.76		
20	QPSK	1	99	22.60	22.72	22.76	22.71	22.74		
20	QPSK	50	0	21.80	21.70	21.84	21.67	21.62	23	1
20	QPSK	50	24	21.75	21.71	21.73	21.71	21.75		
20	QPSK	50	50	21.83	21.76	21.76	21.70	21.73		
20	QPSK	100	0	21.76	21.68	21.78	21.72	21.75		
20	16QAM	1	0	21.65	21.67	21.73	21.65	21.72	23	1
20	16QAM	1	49	21.78	21.78	21.75	21.73	21.73		
20	16QAM	1	99	21.79	21.70	21.76	21.71	21.63		
20	16QAM	50	0	20.81	20.69	20.76	20.68	20.65	22	2
20	16QAM	50	24	20.74	20.72	20.77	20.69	20.73		
20	16QAM	50	50	20.74	20.67	20.81	20.70	20.71		
20	16QAM	100	0	20.82	20.63	20.77	20.68	20.76		
20	64QAM	1	0	20.32	20.36	20.51	20.49	20.45	22	2
20	64QAM	1	49	20.52	20.44	20.47	20.44	20.53		
20	64QAM	1	99	20.48	20.37	20.50	20.37	20.38		
20	64QAM	50	0	19.92	19.74	19.92	19.79	19.93	21	3
20	64QAM	50	24	19.96	19.89	19.96	19.81	19.80		
20	64QAM	50	50	19.83	19.81	19.83	19.85	19.66		
20	64QAM	100	0	19.89	19.83	19.85	19.78	19.81		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.66	22.64	22.80	22.71	22.61	24	0
15	QPSK	1	37	22.67	22.68	22.69	22.66	22.66		
15	QPSK	1	74	22.56	22.60	22.62	22.59	22.67		
15	QPSK	36	0	21.72	21.57	21.71	21.55	21.52	23	1
15	QPSK	36	20	21.64	21.62	21.67	21.60	21.60		
15	QPSK	36	39	21.71	21.68	21.65	21.58	21.62		
15	QPSK	75	0	21.66	21.57	21.72	21.63	21.68		
15	16QAM	1	0	21.60	21.62	21.67	21.51	21.65	23	1
15	16QAM	1	37	21.69	21.67	21.63	21.61	21.70		
15	16QAM	1	74	21.72	21.57	21.70	21.66	21.51		
15	16QAM	36	0	20.73	20.55	20.64	20.61	20.57	22	2
15	16QAM	36	20	20.65	20.64	20.63	20.54	20.66		
15	16QAM	36	39	20.62	20.62	20.76	20.63	20.60		
15	16QAM	75	0	20.69	20.58	20.72	20.54	20.68		
15	64QAM	1	0	20.18	20.29	20.48	20.37	20.39	22	2
15	64QAM	1	37	20.44	20.29	20.39	20.38	20.46		
15	64QAM	1	74	20.34	20.31	20.36	20.30	20.25		
15	64QAM	36	0	19.79	19.68	19.79	19.65	19.87	21	3
15	64QAM	36	20	19.83	19.80	19.85	19.75	19.74		
15	64QAM	36	39	19.70	19.78	19.72	19.79	19.52		
15	64QAM	75	0	19.78	19.79	19.71	19.70	19.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.73	22.64	22.76	22.68	22.63	24.00	0
10	QPSK	1	25	22.62	22.61	22.73	22.75	22.68		
10	QPSK	1	49	22.50	22.68	22.70	22.63	22.69		
10	QPSK	25	0	21.75	21.64	21.74	21.60	21.57	23	1
10	QPSK	25	12	21.65	21.64	21.63	21.63	21.68		
10	QPSK	25	25	21.75	21.66	21.69	21.62	21.68		
10	QPSK	50	0	21.72	21.56	21.64	21.64	21.68		
10	16QAM	1	0	21.53	21.56	21.64	21.61	21.62	23	1
10	16QAM	1	25	21.67	21.71	21.60	21.59	21.60		
10	16QAM	1	49	21.73	21.60	21.66	21.64	21.60		
10	16QAM	25	0	20.78	20.58	20.71	20.53	20.51	22	2
10	16QAM	25	12	20.62	20.67	20.64	20.63	20.70		
10	16QAM	25	25	20.69	20.63	20.72	20.65	20.59		
10	16QAM	50	0	20.78	20.55	20.71	20.58	20.65		
10	64QAM	1	0	20.25	20.32	20.45	20.37	20.34	22	2
10	64QAM	1	25	20.37	20.30	20.43	20.36	20.42		
10	64QAM	1	49	20.37	20.25	20.45	20.27	20.28		
10	64QAM	25	0	19.81	19.62	19.78	19.74	19.82	21	3
10	64QAM	25	12	19.89	19.79	19.88	19.70	19.74		
10	64QAM	25	25	19.78	19.69	19.77	19.80	19.57		
10	64QAM	50	0	19.81	19.71	19.71	19.69	19.68		
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	22.74	22.55	22.81	22.69	22.68	24.00	0
5	QPSK	1	12	22.65	22.64	22.69	22.77	22.64		
5	QPSK	1	24	22.54	22.61	22.61	22.58	22.69		
5	QPSK	12	0	21.69	21.64	21.80	21.55	21.53	23	1
5	QPSK	12	7	21.62	21.60	21.66	21.65	21.71		
5	QPSK	12	13	21.71	21.68	21.70	21.59	21.65		
5	QPSK	25	0	21.67	21.60	21.65	21.57	21.69		
5	16QAM	1	0	21.60	21.52	21.66	21.56	21.63	23	1
5	16QAM	1	12	21.65	21.69	21.62	21.67	21.67		
5	16QAM	1	24	21.73	21.58	21.67	21.60	21.53		
5	16QAM	12	0	20.76	20.61	20.62	20.62	20.61	22	2
5	16QAM	12	7	20.69	20.65	20.70	20.54	20.68		
5	16QAM	12	13	20.70	20.63	20.71	20.57	20.58		
5	16QAM	25	0	20.68	20.57	20.69	20.64	20.68		
5	64QAM	1	0	20.25	20.32	20.41	20.37	20.38	22	2
5	64QAM	1	12	20.46	20.41	20.42	20.31	20.43		
5	64QAM	1	24	20.36	20.31	20.41	20.29	20.30		
5	64QAM	12	0	19.83	19.68	19.82	19.73	19.79	21	3
5	64QAM	12	7	19.91	19.79	19.82	19.70	19.77		
5	64QAM	12	13	19.75	19.73	19.72	19.72	19.61		
5	64QAM	25	0	19.77	19.72	19.77	19.67	19.73		

GSM850 Ant7 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.32	31.38	31.36	32.50	22.32	22.38	22.36	23.50
GPRS 1 Tx slot	31.31	31.35	31.22	32.50	22.31	22.35	22.22	23.50
GPRS 2 Tx slots	30.35	30.42	30.36	31.50	24.35	24.42	24.36	25.50
GPRS 3 Tx slots	28.53	28.61	28.51	29.50	24.27	24.35	24.25	25.24
GPRS 4 Tx slots	27.36	27.47	27.34	28.50	24.36	24.47	24.34	25.50
EDGE 1 Tx slot	25.68	25.78	25.74	26.50	16.68	16.78	16.74	17.50
EDGE 2 Tx slots	24.59	24.73	24.59	25.50	18.59	18.73	18.59	19.50
EDGE 3 Tx slots	22.53	22.63	22.58	23.50	18.27	18.37	18.32	19.24
EDGE 4 Tx slots	21.30	21.38	21.34	22.50	18.30	18.38	18.34	19.50

GSM1900 Ant7 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	26.80	26.88	26.82	28.50	17.80	17.88	17.82	19.50
GPRS 1 Tx slot	26.73	26.83	26.76	28.50	17.73	17.83	17.76	19.50
GPRS 2 Tx slots	26.09	26.21	26.15	27.50	20.09	20.21	20.15	21.50
GPRS 3 Tx slots	24.35	24.48	24.38	26.00	20.09	20.22	20.12	21.74
GPRS 4 Tx slots	23.33	23.45	23.37	25.00	20.33	20.45	20.37	22.00
EDGE 1 Tx slot	23.28	23.43	23.25	25.00	14.28	14.43	14.25	16.00
EDGE 2 Tx slots	22.31	22.42	22.29	24.00	16.31	16.42	16.29	18.00
EDGE 3 Tx slots	20.21	20.34	20.26	22.00	15.95	16.08	16.00	17.74
EDGE 4 Tx slots	18.97	19.04	18.94	20.50	15.97	16.04	15.94	17.50

		WCDMA II Ant7 Default				WCDMA IV Ant7 Default				WCDMA V Ant7 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.70	20.75	20.67	22.00	20.85	21.11	21.07	22.00	21.50	21.68	21.65	23.00
3GPP Rel 99	RMC 12.2Kbps	20.77	20.80	20.73	22.00	20.99	21.19	21.14	22.00	21.59	21.75	21.68	23.00
3GPP Rel 6	HSDPA Subtest-1	19.82	20.00	19.78	21.00	20.08	20.21	20.02	21.00	20.71	20.85	20.61	22.00
3GPP Rel 6	HSDPA Subtest-2	19.72	19.76	19.69	21.00	19.99	20.01	19.99	21.00	20.62	20.60	20.54	22.00
3GPP Rel 6	HSDPA Subtest-3	19.10	19.22	19.05	20.50	19.38	19.46	19.33	20.50	19.98	20.09	19.96	21.50
3GPP Rel 6	HSDPA Subtest-4	19.33	19.37	19.35	20.50	19.66	19.56	19.60	20.50	20.19	20.16	20.15	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.79	19.81	19.77	21.00	20.01	20.09	20.09	21.00	20.65	20.73	20.68	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.63	19.66	19.62	21.00	19.91	19.97	19.83	21.00	20.46	20.51	20.45	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.98	19.09	18.97	20.50	19.21	19.39	19.21	20.50	19.86	19.99	19.79	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.12	19.09	19.03	20.50	19.31	19.49	19.29	20.50	19.93	20.04	19.93	21.50
3GPP Rel 6	HSUPA Subtest-1	19.75	19.95	19.67	21.00	20.06	20.19	19.99	21.00	20.65	20.76	20.60	22.00
3GPP Rel 6	HSUPA Subtest-2	17.73	18.01	17.87	19.00	18.02	18.18	18.19	19.00	18.66	18.82	18.80	20.00
3GPP Rel 6	HSUPA Subtest-3	18.86	19.03	18.98	20.00	18.99	19.26	19.23	20.00	19.64	19.86	19.82	21.00
3GPP Rel 6	HSUPA Subtest-4	17.75	17.87	17.67	19.00	17.99	18.16	17.93	19.00	18.64	18.73	18.55	20.00
3GPP Rel 6	HSUPA Subtest-5	19.56	19.68	19.70	21.00	19.98	20.02	19.94	21.00	20.51	20.64	20.55	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.29	17.43	17.35	18.50	17.61	17.74	17.55	18.50	18.17	18.28	18.17	19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.49	20.55	20.40	22	0
20	QPSK	1	49	20.47	20.51	20.36		
20	QPSK	1	99	20.26	20.39	20.30		
20	QPSK	50	0	19.42	19.54	19.41	21	1
20	QPSK	50	24	19.41	19.50	19.42		
20	QPSK	50	50	19.34	19.42	19.30		
20	QPSK	100	0	19.33	19.45	19.31		
20	16QAM	1	0	19.22	19.34	19.27	21	1
20	16QAM	1	49	19.30	19.36	19.26		
20	16QAM	1	99	19.22	19.31	19.26		
20	16QAM	50	0	18.39	18.46	18.32	20	2
20	16QAM	50	24	18.44	18.51	18.46		
20	16QAM	50	50	18.36	18.40	18.25		
20	16QAM	100	0	18.39	18.42	18.30		
20	64QAM	1	0	18.53	18.64	18.56	20	2
20	64QAM	1	49	18.47	18.60	18.49		
20	64QAM	1	99	18.35	18.49	18.37		
20	64QAM	50	0	17.58	17.64	17.57	19	3
20	64QAM	50	24	17.55	17.65	17.50		
20	64QAM	50	50	17.45	17.54	17.49		
20	64QAM	100	0	17.51	17.60	17.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.42	20.47	20.29	22	0
15	QPSK	1	37	20.43	20.43	20.22		
15	QPSK	1	74	20.12	20.27	20.24		
15	QPSK	36	0	19.32	19.45	19.32	21	1
15	QPSK	36	20	19.30	19.38	19.32		
15	QPSK	36	39	19.26	19.35	19.21		
15	QPSK	75	0	19.22	19.36	19.19		
15	16QAM	1	0	19.12	19.24	19.21	21	1
15	16QAM	1	37	19.23	19.24	19.15		
15	16QAM	1	74	19.17	19.20	19.13		
15	16QAM	36	0	18.34	18.41	18.28	20	2
15	16QAM	36	20	18.40	18.42	18.34		
15	16QAM	36	39	18.32	18.37	18.18		
15	16QAM	75	0	18.31	18.27	18.19		
15	64QAM	1	0	18.38	18.49	18.50	20	2
15	64QAM	1	37	18.35	18.52	18.36		
15	64QAM	1	74	18.21	18.40	18.23		
15	64QAM	36	0	17.46	17.58	17.53	19	3
15	64QAM	36	20	17.49	17.57	17.44		
15	64QAM	36	39	17.33	17.45	17.39		
15	64QAM	75	0	17.38	17.56	17.41		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.35	20.45	20.29	22	0
10	QPSK	1	25	20.41	20.40	20.21		
10	QPSK	1	49	20.11	20.28	20.17		
10	QPSK	25	0	19.28	19.46	19.29	21	1
10	QPSK	25	12	19.36	19.39	19.31		
10	QPSK	25	25	19.20	19.31	19.22		
10	QPSK	50	0	19.30	19.40	19.17		
10	16QAM	1	0	19.17	19.26	19.18	21	1
10	16QAM	1	25	19.26	19.33	19.21		
10	16QAM	1	49	19.07	19.20	19.14		
10	16QAM	25	0	18.36	18.34	18.28	20	2
10	16QAM	25	12	18.35	18.43	18.33		
10	16QAM	25	25	18.23	18.32	18.19		
10	16QAM	50	0	18.28	18.37	18.20		
10	64QAM	1	0	18.41	18.58	18.41	20	2
10	64QAM	1	25	18.37	18.46	18.41		
10	64QAM	1	49	18.21	18.44	18.33		
10	64QAM	25	0	17.44	17.53	17.47	19	3
10	64QAM	25	12	17.42	17.53	17.41		
10	64QAM	25	25	17.34	17.48	17.46		
10	64QAM	50	0	17.41	17.49	17.34		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.41	20.52	20.36	22	0
5	QPSK	1	12	20.38	20.47	20.33		
5	QPSK	1	24	20.11	20.26	20.23		
5	QPSK	12	0	19.36	19.44	19.28	21	1
5	QPSK	12	7	19.32	19.40	19.37		
5	QPSK	12	13	19.19	19.38	19.15		
5	QPSK	25	0	19.25	19.37	19.19		
5	16QAM	1	0	19.14	19.30	19.16	21	1
5	16QAM	1	12	19.19	19.30	19.12		
5	16QAM	1	24	19.18	19.20	19.17		
5	16QAM	12	0	18.35	18.39	18.21	20	2
5	16QAM	12	7	18.39	18.38	18.38		
5	16QAM	12	13	18.27	18.30	18.15		
5	16QAM	25	0	18.33	18.27	18.26		
5	64QAM	1	0	18.38	18.54	18.46	20	2
5	64QAM	1	12	18.39	18.54	18.37		
5	64QAM	1	24	18.20	18.36	18.26		
5	64QAM	12	0	17.48	17.52	17.48	19	3
5	64QAM	12	7	17.50	17.50	17.39		
5	64QAM	12	13	17.39	17.46	17.37		
5	64QAM	25	0	17.44	17.48	17.36		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.43	20.50	20.28	22	0
3	QPSK	1	8	20.42	20.37	20.21		
3	QPSK	1	14	20.17	20.31	20.27		
3	QPSK	8	0	19.31	19.39	19.32	21	1
3	QPSK	8	4	19.36	19.40	19.29		
3	QPSK	8	7	19.19	19.32	19.15		
3	QPSK	15	0	19.25	19.33	19.21		
3	16QAM	1	0	19.17	19.28	19.22	21	1
3	16QAM	1	8	19.25	19.24	19.20		
3	16QAM	1	14	19.11	19.18	19.22		
3	16QAM	8	0	18.24	18.37	18.20	20	2
3	16QAM	8	4	18.29	18.43	18.32		
3	16QAM	8	7	18.28	18.33	18.22		
3	16QAM	15	0	18.26	18.29	18.17		
3	64QAM	1	0	18.47	18.53	18.47	20	2
3	64QAM	1	8	18.39	18.53	18.42		
3	64QAM	1	14	18.30	18.44	18.27		
3	64QAM	8	0	17.55	17.49	17.43	19	3
3	64QAM	8	4	17.49	17.62	17.43		
3	64QAM	8	7	17.37	17.49	17.43		
3	64QAM	15	0	17.45	17.47	17.43		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.37	20.45	20.37	22	0
1.4	QPSK	1	3	20.40	20.39	20.24		
1.4	QPSK	1	5	20.12	20.32	20.20		
1.4	QPSK	3	0	20.35	20.41	20.35		
1.4	QPSK	3	1	20.38	20.38	20.27		
1.4	QPSK	3	3	20.23	20.35	20.25		
1.4	QPSK	6	0	19.29	19.51	19.32	21	1
1.4	16QAM	1	0	19.34	19.38	19.31	21	1
1.4	16QAM	1	3	19.20	19.39	19.22		
1.4	16QAM	1	5	19.26	19.36	19.26		
1.4	16QAM	3	0	19.12	19.25	19.20		
1.4	16QAM	3	1	19.27	19.23	19.21		
1.4	16QAM	3	3	19.18	19.20	19.18		
1.4	16QAM	6	0	18.30	18.40	18.27	20	2
1.4	64QAM	1	0	18.35	18.38	18.38	20	2
1.4	64QAM	1	3	18.23	18.28	18.16		
1.4	64QAM	1	5	18.24	18.37	18.24		
1.4	64QAM	3	0	18.44	18.59	18.44		
1.4	64QAM	3	1	18.34	18.45	18.39		
1.4	64QAM	3	3	18.31	18.46	18.34		
1.4	64QAM	6	0	17.52	17.59	17.39	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.31	20.39	20.36	22	0
20	QPSK	1	49	20.29	20.35	20.21		
20	QPSK	1	99	20.14	20.20	20.15		
20	QPSK	50	0	19.34	19.38	19.25	21	1
20	QPSK	50	24	19.26	19.37	19.24		
20	QPSK	50	50	19.28	19.32	19.29		
20	QPSK	100	0	19.30	19.34	19.25		
20	16QAM	1	0	19.26	19.31	19.20	21	1
20	16QAM	1	49	19.21	19.26	19.14		
20	16QAM	1	99	19.23	19.29	19.21		
20	16QAM	50	0	18.45	18.51	18.44	20	2
20	16QAM	50	24	18.37	18.50	18.39		
20	16QAM	50	50	18.41	18.47	18.43		
20	16QAM	100	0	18.39	18.44	18.38		
20	64QAM	1	0	18.49	18.54	18.39	20	2
20	64QAM	1	49	18.41	18.46	18.31		
20	64QAM	1	99	18.42	18.47	18.39		
20	64QAM	50	0	17.45	17.51	17.39	19	3
20	64QAM	50	24	17.43	17.48	17.43		
20	64QAM	50	50	17.33	17.41	17.28		
20	64QAM	100	0	17.41	17.46	17.34		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.25	20.31	20.28	22	0
15	QPSK	1	37	20.20	20.25	20.11		
15	QPSK	1	74	20.04	20.10	20.01		
15	QPSK	36	0	19.29	19.25	19.20	21	1
15	QPSK	36	20	19.15	19.32	19.14		
15	QPSK	36	39	19.17	19.24	19.20		
15	QPSK	75	0	19.19	19.21	19.17		
15	16QAM	1	0	19.20	19.23	19.06	21	1
15	16QAM	1	37	19.10	19.18	19.09		
15	16QAM	1	74	19.15	19.24	19.12		
15	16QAM	36	0	18.41	18.47	18.37	20	2
15	16QAM	36	20	18.22	18.46	18.25		
15	16QAM	36	39	18.37	18.37	18.35		
15	16QAM	75	0	18.30	18.38	18.24		
15	64QAM	1	0	18.45	18.45	18.26	20	2
15	64QAM	1	37	18.26	18.41	18.22		
15	64QAM	1	74	18.36	18.44	18.35		
15	64QAM	36	0	17.30	17.42	17.36	19	3
15	64QAM	36	20	17.31	17.34	17.39		
15	64QAM	36	39	17.23	17.34	17.21		
15	64QAM	75	0	17.35	17.40	17.24		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.18	20.34	20.24	22	0
10	QPSK	1	25	20.25	20.32	20.09		
10	QPSK	1	49	20.07	20.13	20.05		
10	QPSK	25	0	19.25	19.24	19.14	21	1
10	QPSK	25	12	19.18	19.24	19.14		
10	QPSK	25	25	19.21	19.27	19.21		
10	QPSK	50	0	19.17	19.28	19.21		
10	16QAM	1	0	19.12	19.22	19.10	21	1
10	16QAM	1	25	19.07	19.23	19.06		
10	16QAM	1	49	19.20	19.18	19.18		
10	16QAM	25	0	18.40	18.42	18.34	20	2
10	16QAM	25	12	18.24	18.36	18.31		
10	16QAM	25	25	18.31	18.33	18.34		
10	16QAM	50	0	18.31	18.41	18.28		
10	64QAM	1	0	18.38	18.41	18.33	20	2
10	64QAM	1	25	18.33	18.35	18.18		
10	64QAM	1	49	18.31	18.40	18.29		
10	64QAM	25	0	17.33	17.44	17.31	19	3
10	64QAM	25	12	17.29	17.40	17.30		
10	64QAM	25	25	17.20	17.27	17.14		
10	64QAM	50	0	17.27	17.37	17.21		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.28	20.31	20.31	22	0
5	QPSK	1	12	20.15	20.29	20.07		
5	QPSK	1	24	20.06	20.16	20.05		
5	QPSK	12	0	19.25	19.30	19.19	21	1
5	QPSK	12	7	19.22	19.27	19.12		
5	QPSK	12	13	19.14	19.20	19.19		
5	QPSK	25	0	19.22	19.23	19.19		
5	16QAM	1	0	19.21	19.21	19.06	21	1
5	16QAM	1	12	19.11	19.17	19.06		
5	16QAM	1	24	19.15	19.15	19.14		
5	16QAM	12	0	18.34	18.42	18.36	20	2
5	16QAM	12	7	18.28	18.40	18.36		
5	16QAM	12	13	18.35	18.36	18.29		
5	16QAM	25	0	18.30	18.38	18.25		
5	64QAM	1	0	18.44	18.43	18.29	20	2
5	64QAM	1	12	18.29	18.38	18.22		
5	64QAM	1	24	18.33	18.40	18.25		
5	64QAM	12	0	17.32	17.40	17.30	19	3
5	64QAM	12	7	17.35	17.36	17.29		
5	64QAM	12	13	17.25	17.31	17.21		
5	64QAM	25	0	17.27	17.43	17.25		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.23	20.24	20.24	22	0
3	QPSK	1	8	20.21	20.27	20.08		
3	QPSK	1	14	20.07	20.13	20.09		
3	QPSK	8	0	19.26	19.30	19.13	21	1
3	QPSK	8	4	19.13	19.25	19.10		
3	QPSK	8	7	19.18	19.18	19.24		
3	QPSK	15	0	19.16	19.21	19.17		
3	16QAM	1	0	19.14	19.16	19.13	21	1
3	16QAM	1	8	19.11	19.14	19.11		
3	16QAM	1	14	19.10	19.19	19.08		
3	16QAM	8	0	18.41	18.37	18.39	20	2
3	16QAM	8	4	18.25	18.42	18.29		
3	16QAM	8	7	18.34	18.36	18.31		
3	16QAM	15	0	18.35	18.41	18.30		
3	64QAM	1	0	18.40	18.41	18.35	20	2
3	64QAM	1	8	18.34	18.40	18.25		
3	64QAM	1	14	18.38	18.41	18.33		
3	64QAM	8	0	17.31	17.47	17.34	19	3
3	64QAM	8	4	17.34	17.38	17.30		
3	64QAM	8	7	17.26	17.34	17.23		
3	64QAM	15	0	17.32	17.37	17.27		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.14	20.29	20.22	22	0
1.4	QPSK	1	3	20.19	20.21	20.06		
1.4	QPSK	1	5	19.91	20.08	20.02		
1.4	QPSK	3	0	20.15	20.27	20.21		
1.4	QPSK	3	1	20.19	20.24	20.03		
1.4	QPSK	3	3	20.09	20.22	20.04		
1.4	QPSK	6	0	19.04	19.26	19.14	21	1
1.4	16QAM	1	0	19.18	19.16	19.07	21	1
1.4	16QAM	1	3	18.95	19.26	19.07		
1.4	16QAM	1	5	19.09	19.12	19.11		
1.4	16QAM	3	0	18.93	19.04	18.98		
1.4	16QAM	3	1	19.04	19.04	19.05		
1.4	16QAM	3	3	18.97	19.00	18.96		
1.4	16QAM	6	0	18.08	18.16	18.08	20	2
1.4	64QAM	1	0	18.13	18.16	18.17	20	2
1.4	64QAM	1	3	18.07	18.13	17.92		
1.4	64QAM	1	5	18.11	18.16	18.06		
1.4	64QAM	3	0	18.24	18.36	18.20		
1.4	64QAM	3	1	18.18	18.32	18.24		
1.4	64QAM	3	3	18.14	18.32	18.15		
1.4	64QAM	6	0	17.37	17.40	17.23	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.41	21.48	21.36	22	0
10	QPSK	1	25	21.34	21.41	21.30		
10	QPSK	1	49	21.22	21.26	21.17		
10	QPSK	25	0	20.25	20.39	20.24	21	1
10	QPSK	25	12	20.23	20.34	20.20		
10	QPSK	25	25	20.11	20.23	20.19		
10	QPSK	50	0	20.20	20.29	20.14		
10	16QAM	1	0	20.20	20.28	20.21	21	1
10	16QAM	1	25	20.06	20.20	20.09		
10	16QAM	1	49	20.08	20.21	20.12		
10	16QAM	25	0	19.26	19.35	19.25	20	2
10	16QAM	25	12	19.25	19.31	19.28		
10	16QAM	25	25	19.06	19.20	19.08		
10	16QAM	50	0	19.17	19.28	19.22		
10	64QAM	1	0	19.29	19.42	19.35	20	2
10	64QAM	1	25	19.38	19.48	19.38		
10	64QAM	1	49	19.33	19.41	19.32		
10	64QAM	25	0	18.28	18.37	18.25	19	3
10	64QAM	25	12	18.24	18.33	18.19		
10	64QAM	25	25	18.09	18.21	18.11		
10	64QAM	50	0	18.14	18.29	18.16		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.29	21.45	21.23	22	0
5	QPSK	1	12	21.22	21.31	21.23		
5	QPSK	1	24	21.14	21.20	21.03		
5	QPSK	12	0	20.15	20.35	20.10	21	1
5	QPSK	12	7	20.13	20.29	20.10		
5	QPSK	12	13	20.06	20.18	20.13		
5	QPSK	25	0	20.12	20.17	20.06		
5	16QAM	1	0	20.09	20.20	20.12	21	1
5	16QAM	1	12	19.95	20.10	20.04		
5	16QAM	1	24	19.93	20.12	20.01		
5	16QAM	12	0	19.18	19.27	19.14	20	2
5	16QAM	12	7	19.13	19.26	19.22		
5	16QAM	12	13	18.98	19.12	18.98		
5	16QAM	25	0	19.04	19.15	19.16		
5	64QAM	1	0	19.25	19.34	19.24	20	2
5	64QAM	1	12	19.28	19.36	19.25		
5	64QAM	1	24	19.26	19.37	19.27		
5	64QAM	12	0	18.20	18.28	18.10	19	3
5	64QAM	12	7	18.16	18.30	18.13		
5	64QAM	12	13	17.96	18.07	17.97		
5	64QAM	25	0	18.01	18.18	18.13		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.28	21.33	21.31	22	0
3	QPSK	1	8	21.28	21.34	21.18		
3	QPSK	1	14	21.11	21.18	21.11		
3	QPSK	8	0	20.12	20.35	20.12	21	1
3	QPSK	8	4	20.11	20.20	20.09		
3	QPSK	8	7	20.06	20.11	20.14		
3	QPSK	15	0	20.08	20.20	19.99		
3	16QAM	1	0	20.08	20.16	20.14	21	1
3	16QAM	1	8	20.01	20.16	20.05		
3	16QAM	1	14	19.93	20.10	20.01		
3	16QAM	8	0	19.12	19.25	19.18	20	2
3	16QAM	8	4	19.12	19.22	19.21		
3	16QAM	8	7	18.99	19.06	18.98		
3	16QAM	15	0	19.05	19.23	19.16		
3	64QAM	1	0	19.16	19.36	19.31	20	2
3	64QAM	1	8	19.23	19.33	19.27		
3	64QAM	1	14	19.19	19.33	19.24		
3	64QAM	8	0	18.25	18.33	18.18	19	3
3	64QAM	8	4	18.13	18.26	18.14		
3	64QAM	8	7	18.01	18.11	18.06		
3	64QAM	15	0	18.06	18.15	18.08		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.30	21.35	21.24	22	0
1.4	QPSK	1	3	21.35	21.26	21.13		
1.4	QPSK	1	5	21.07	21.26	21.11		
1.4	QPSK	3	0	21.28	21.32	21.27		
1.4	QPSK	3	1	21.30	21.34	21.20		
1.4	QPSK	3	3	21.10	21.20	21.15		
1.4	QPSK	6	0	20.16	20.37	20.28	21	1
1.4	16QAM	1	0	20.25	20.27	20.27	21	1
1.4	16QAM	1	3	20.09	20.31	20.10		
1.4	16QAM	1	5	20.19	20.21	20.15		
1.4	16QAM	3	0	20.06	20.13	20.06		
1.4	16QAM	3	1	20.22	20.18	20.14		
1.4	16QAM	3	3	20.07	20.08	20.04		
1.4	16QAM	6	0	19.17	19.36	19.18	20	2
1.4	64QAM	1	0	19.30	19.24	19.26	20	2
1.4	64QAM	1	3	19.09	19.17	19.01		
1.4	64QAM	1	5	19.16	19.22	19.19		
1.4	64QAM	3	0	19.35	19.46	19.31		
1.4	64QAM	3	1	19.30	19.31	19.35		
1.4	64QAM	3	3	19.17	19.33	19.28		
1.4	64QAM	6	0	18.47	18.46	18.33	19	3

Reduced Power for DSI 6 for Main PA

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	32.87	32.91	32.84	33.50	23.87	23.91	23.84	24.50
GPRS 1 Tx slot	32.76	32.82	32.70	33.50	23.76	23.82	23.70	24.50
GPRS 2 Tx slots	31.81	31.87	31.73	32.50	25.81	25.87	25.73	26.50
GPRS 3 Tx slots	29.99	30.09	29.98	31.00	25.73	25.83	25.72	26.74
GPRS 4 Tx slots	28.87	28.98	28.87	30.00	25.87	25.98	25.87	27.00
EDGE 1 Tx slot	27.19	27.24	27.20	28.50	18.19	18.24	18.20	19.50
EDGE 2 Tx slots	26.06	26.18	26.06	27.50	20.06	20.18	20.06	21.50
EDGE 3 Tx slots	24.06	24.20	24.10	25.50	19.80	19.94	19.84	21.24
EDGE 4 Tx slots	22.74	22.86	22.82	24.00	19.74	19.86	19.82	21.00

GSM1900 Ant1 DSI6

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	23.63	23.71	23.51	25.00	14.63	14.71	14.51	16.00
GPRS 1 Tx slot	23.59	23.61	23.51	25.00	14.59	14.61	14.51	16.00
GPRS 2 Tx slots	22.83	22.90	22.78	24.00	16.83	16.90	16.78	18.00
GPRS 3 Tx slots	21.18	21.20	21.11	22.50	16.92	16.94	16.85	18.24
GPRS 4 Tx slots	20.12	20.21	20.19	21.50	17.12	17.21	17.19	18.50
EDGE 1 Tx slot	20.03	20.10	20.07	21.50	11.03	11.10	11.07	12.50
EDGE 2 Tx slots	18.99	19.16	19.07	20.50	12.99	13.16	13.07	14.50
EDGE 3 Tx slots	16.97	17.07	16.89	18.50	12.71	12.81	12.63	14.24
EDGE 4 Tx slots	15.61	15.68	15.68	17.00	12.61	12.68	12.68	14.00

WCDMA II Ant1 DSI6 / WCDMA IV Ant1 DSI6 / WCDMA V Ant1 Default

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.11	18.13	18.04	19.00	18.97	19.09	19.05	20.00	22.92	23.06	22.97	24.00
3GPP Rel 99	RMC 12.2Kbps	18.15	18.23	18.08	19.00	18.96	19.20	19.15	20.00	23.03	23.12	23.10	24.00
3GPP Rel 6	HSDPA Subtest-1	17.25	17.33	17.04	18.00	18.13	18.31	18.11	19.00	22.05	22.16	22.05	23.00
3GPP Rel 6	HSDPA Subtest-2	16.96	17.05	17.16	18.00	18.00	18.01	18.11	19.00	21.90	21.96	21.97	23.00
3GPP Rel 6	HSDPA Subtest-3	16.50	16.74	16.47	17.50	17.48	17.41	17.23	18.50	21.40	21.54	21.36	22.50
3GPP Rel 6	HSDPA Subtest-4	16.71	16.71	16.63	17.50	17.61	17.78	17.48	18.50	21.55	21.56	21.43	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.37	17.17	17.03	18.00	18.36	18.11	17.91	19.00	22.16	22.10	22.02	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.94	17.20	16.90	18.00	17.86	18.03	17.74	19.00	21.77	21.96	21.84	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.55	16.39	16.36	17.50	17.39	17.30	17.33	18.50	21.33	21.33	21.18	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.59	16.61	16.40	17.50	17.46	17.54	17.35	18.50	21.33	21.45	21.40	22.50
3GPP Rel 6	HSUPA Subtest-1	17.33	17.48	17.22	18.00	18.26	18.43	18.56	19.00	22.16	22.22	21.94	23.00
3GPP Rel 6	HSUPA Subtest-2	15.18	15.29	15.34	16.00	15.96	16.38	16.06	17.00	20.04	20.24	20.17	21.00
3GPP Rel 6	HSUPA Subtest-3	16.34	16.37	16.25	17.00	17.18	17.12	17.09	18.00	21.18	21.14	21.01	22.00
3GPP Rel 6	HSUPA Subtest-4	15.03	15.11	15.17	16.00	16.11	16.07	16.08	17.00	20.07	19.95	19.96	21.00
3GPP Rel 6	HSUPA Subtest-5	17.11	17.13	17.09	18.00	17.94	18.01	17.77	19.00	21.93	21.90	21.85	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.45	14.72	14.62	15.50	15.34	15.63	15.51	16.50	19.43	19.62	19.48	20.50

Band 2 Ant1 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.57	18.64	18.34	20	0
20	QPSK	1	49	18.37	18.47	18.32		
20	QPSK	1	99	18.22	18.45	18.37		
20	QPSK	50	0	18.37	18.60	18.16	20	0
20	QPSK	50	24	18.18	18.29	18.32		
20	QPSK	50	50	18.16	18.41	18.17		
20	QPSK	100	0	18.48	18.58	18.27		
20	16QAM	1	0	18.55	18.56	18.15	20	0
20	16QAM	1	49	18.33	18.39	18.30		
20	16QAM	1	99	18.13	18.44	18.20		
20	16QAM	50	0	18.49	18.61	18.30	20	0
20	16QAM	50	24	18.18	18.29	18.12		
20	16QAM	50	50	18.14	18.32	18.25		
20	16QAM	100	0	18.27	18.36	18.32		
20	64QAM	1	0	18.08	18.36	18.27	20	0
20	64QAM	1	49	18.54	18.57	18.18		
20	64QAM	1	99	18.36	18.44	18.27		
20	64QAM	50	0	18.40	18.44	18.32	20	0
20	64QAM	50	24	18.26	18.49	18.12		
20	64QAM	50	50	18.08	18.23	18.23		
20	64QAM	100	0	18.19	18.39	18.16		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.17	18.46	18.12	20	0
15	QPSK	1	37	18.10	18.30	18.27		
15	QPSK	1	74	18.37	18.49	18.10		
15	QPSK	36	0	18.37	18.48	18.16	20	0
15	QPSK	36	20	18.13	18.18	18.16		
15	QPSK	36	39	18.01	18.41	18.00		
15	QPSK	75	0	18.58	18.40	18.21		
15	16QAM	1	0	18.47	18.44	18.11	20	0
15	16QAM	1	37	18.25	18.23	18.16		
15	16QAM	1	74	18.18	18.37	18.20		
15	16QAM	36	0	18.33	18.48	18.27	20	0
15	16QAM	36	20	18.22	18.30	18.26		
15	16QAM	36	39	18.14	18.27	18.23		
15	16QAM	75	0	18.27	18.45	18.15		
15	64QAM	1	0	18.06	18.35	18.20	20	0
15	64QAM	1	37	18.34	18.34	18.23		
15	64QAM	1	74	18.13	18.34	18.22		
15	64QAM	36	0	18.18	18.26	18.21	20	0
15	64QAM	36	20	18.20	18.29	18.30		
15	64QAM	36	39	18.25	18.45	18.13		
15	64QAM	75	0	18.19	18.21	18.12		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.18	18.29	18.32	20	0
10	QPSK	1	25	18.22	18.43	18.30		
10	QPSK	1	49	18.19	18.40	18.06		
10	QPSK	25	0	18.15	18.42	18.30	20	0
10	QPSK	25	12	18.22	18.41	18.38		
10	QPSK	25	25	18.37	18.56	18.11		
10	QPSK	50	0	18.49	18.45	18.09		
10	16QAM	1	0	18.45	18.40	18.13	20	0
10	16QAM	1	25	18.34	18.24	18.15		
10	16QAM	1	49	18.24	18.24	18.08		
10	16QAM	25	0	18.35	18.25	18.14	20	0
10	16QAM	25	12	18.03	18.37	18.39		
10	16QAM	25	25	18.19	18.53	18.10		
10	16QAM	50	0	18.06	18.32	18.22		
10	64QAM	1	0	18.19	18.33	18.27	20	0
10	64QAM	1	25	18.41	18.57	18.23		
10	64QAM	1	49	18.26	18.41	18.28		
10	64QAM	25	0	18.20	18.43	18.23	20	0
10	64QAM	25	12	18.10	18.28	18.10		
10	64QAM	25	25	18.01	18.21	18.11		
10	64QAM	50	0	18.18	18.39	18.13		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.37	18.57	18.14	20	0
5	QPSK	1	12	18.28	18.49	18.12		
5	QPSK	1	24	18.12	18.40	18.32		
5	QPSK	12	0	18.18	18.41	18.33	20	0
5	QPSK	12	7	18.12	18.46	18.31		
5	QPSK	12	13	18.17	18.60	18.14		
5	QPSK	25	0	18.46	18.28	18.24		
5	16QAM	1	0	18.42	18.48	18.01	20	0
5	16QAM	1	12	18.23	18.21	18.11		
5	16QAM	1	24	18.08	18.31	18.09		
5	16QAM	12	0	18.33	18.47	18.28	20	0
5	16QAM	12	7	18.03	18.10	18.16		
5	16QAM	12	13	18.33	18.11	18.08		
5	16QAM	25	0	18.08	18.15	18.11		
5	64QAM	1	0	18.06	18.15	18.22	20	0
5	64QAM	1	12	18.38	18.43	18.07		
5	64QAM	1	24	18.30	18.32	18.25		
5	64QAM	12	0	18.33	18.39	18.21	20	0
5	64QAM	12	7	18.07	18.33	18.04		
5	64QAM	12	13	18.33	18.03	18.11		
5	64QAM	25	0	18.02	18.21	18.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.38	18.34	18.25	20	0
3	QPSK	1	8	18.24	18.26	18.21		
3	QPSK	1	14	18.23	18.43	18.02		
3	QPSK	8	0	18.27	18.32	18.15	20	0
3	QPSK	8	4	18.06	18.42	18.24		
3	QPSK	8	7	18.20	18.53	18.08		
3	QPSK	15	0	18.41	18.23	18.27		
3	16QAM	1	0	18.20	18.47	18.25	20	0
3	16QAM	1	8	18.09	18.23	18.18		
3	16QAM	1	14	18.31	18.39	18.03		
3	16QAM	8	0	18.48	18.55	18.27	20	0
3	16QAM	8	4	18.20	18.21	18.13		
3	16QAM	8	7	18.30	18.21	18.26		
3	16QAM	15	0	18.28	18.35	18.20		
3	64QAM	1	0	18.03	18.35	18.23	20	0
3	64QAM	1	8	18.41	18.42	18.08		
3	64QAM	1	14	18.22	18.43	18.11		
3	64QAM	8	0	18.32	18.39	18.24	20	0
3	64QAM	8	4	18.18	18.49	18.10		
3	64QAM	8	7	18.27	18.02	18.15		
3	64QAM	15	0	18.15	18.21	18.16		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.16	18.37	18.23	20	0
1.4	QPSK	1	3	18.24	18.44	18.28		
1.4	QPSK	1	5	18.34	18.39	18.13		
1.4	QPSK	3	0	18.23	18.42	18.02		
1.4	QPSK	3	1	18.11	18.19	18.32		
1.4	QPSK	3	3	18.12	18.29	18.01		
1.4	QPSK	6	0	18.45	18.26	18.10	20	0
1.4	16QAM	1	0	18.54	18.46	18.32	20	0
1.4	16QAM	1	3	18.25	18.25	18.12		
1.4	16QAM	1	5	18.14	18.23	18.12		
1.4	16QAM	3	0	18.35	18.61	18.31		
1.4	16QAM	3	1	18.17	18.19	18.11		
1.4	16QAM	3	3	18.15	18.15	18.11		
1.4	16QAM	6	0	18.25	18.34	18.28	20	0
1.4	64QAM	1	0	18.06	18.28	18.26	20	0
1.4	64QAM	1	3	18.45	18.44	18.11		
1.4	64QAM	1	5	18.20	18.23	18.15		
1.4	64QAM	3	0	18.23	18.41	18.24		
1.4	64QAM	3	1	18.09	18.37	18.11		
1.4	64QAM	3	3	18.00	18.13	18.13		
1.4	64QAM	6	0	18.07	18.32	18.26	20	0

Band 4 Ant1 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.29	18.55	18.53	20	0
20	QPSK	1	49	18.29	18.36	18.17		
20	QPSK	1	99	18.25	18.38	18.10		
20	QPSK	50	0	18.23	18.48	18.44	20	0
20	QPSK	50	24	18.18	18.34	18.03		
20	QPSK	50	50	18.08	18.38	18.06		
20	QPSK	100	0	18.19	18.43	18.41		
20	16QAM	1	0	18.26	18.43	18.50	20	0
20	16QAM	1	49	18.27	18.27	18.08		
20	16QAM	1	99	18.16	18.26	18.20		
20	16QAM	50	0	18.22	18.21	18.13	20	0
20	16QAM	50	24	18.16	18.40	18.54		
20	16QAM	50	50	18.21	18.35	18.41		
20	16QAM	100	0	18.30	18.16	18.09		
20	64QAM	1	0	18.18	18.30	18.37	20	0
20	64QAM	1	49	18.09	18.29	18.06		
20	64QAM	1	99	18.06	18.19	18.32		
20	64QAM	50	0	18.13	18.28	18.06	20	0
20	64QAM	50	24	18.08	18.24	18.47		
20	64QAM	50	50	18.28	18.37	18.11		
20	64QAM	100	0	18.19	18.22	18.05		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.29	18.42	18.32	20	0
15	QPSK	1	37	18.22	18.36	18.17		
15	QPSK	1	74	18.21	18.20	18.07		
15	QPSK	36	0	18.04	18.31	18.33	20	0
15	QPSK	36	20	18.19	18.25	18.15		
15	QPSK	36	39	18.35	18.29	18.20		
15	QPSK	75	0	18.08	18.29	18.30		
15	16QAM	1	0	18.15	18.38	18.31	20	0
15	16QAM	1	37	18.14	18.06	18.23		
15	16QAM	1	74	18.20	18.24	18.06		
15	16QAM	36	0	18.08	18.11	18.00	20	0
15	16QAM	36	20	18.23	18.29	18.49		
15	16QAM	36	39	18.11	18.14	18.25		
15	16QAM	75	0	18.26	18.04	18.35		
15	64QAM	1	0	18.12	18.24	18.34	20	0
15	64QAM	1	37	18.02	18.28	18.31		
15	64QAM	1	74	18.36	18.07	18.25		
15	64QAM	36	0	18.37	18.19	18.22	20	0
15	64QAM	36	20	18.30	18.19	18.49		
15	64QAM	36	39	18.16	18.27	18.08		
15	64QAM	75	0	18.14	18.09	18.16		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.14	18.32	18.39	20	0
10	QPSK	1	25	18.10	18.23	18.05		
10	QPSK	1	49	18.08	18.40	18.04		
10	QPSK	25	0	18.21	18.18	18.44	20	0
10	QPSK	25	12	18.11	18.16	18.16		
10	QPSK	25	25	18.02	18.22	18.29		
10	QPSK	50	0	18.05	18.43	18.36		
10	16QAM	1	0	18.07	18.39	18.33	20	0
10	16QAM	1	25	18.11	18.12	18.07		
10	16QAM	1	49	18.11	18.17	18.10		
10	16QAM	25	0	18.20	18.20	18.08	20	0
10	16QAM	25	12	18.08	18.19	18.43		
10	16QAM	25	25	18.07	18.37	18.35		
10	16QAM	50	0	18.14	18.16	18.14		
10	64QAM	1	0	18.00	18.18	18.24	20	0
10	64QAM	1	25	18.23	18.12	18.38		
10	64QAM	1	49	18.30	18.00	18.18		
10	64QAM	25	0	18.25	18.15	18.19	20	0
10	64QAM	25	12	18.27	18.06	18.48		
10	64QAM	25	25	18.27	18.24	18.30		
10	64QAM	50	0	18.12	18.24	18.24		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.17	18.28	18.48	20	0
5	QPSK	1	12	18.27	18.20	18.07		
5	QPSK	1	24	18.08	18.29	18.15		
5	QPSK	12	0	18.17	18.20	18.34	20	0
5	QPSK	12	7	18.10	18.29	18.28		
5	QPSK	12	13	18.26	18.38	18.07		
5	QPSK	25	0	18.15	18.40	18.23		
5	16QAM	1	0	18.19	18.43	18.41	20	0
5	16QAM	1	12	18.16	18.24	18.00		
5	16QAM	1	24	18.06	18.05	18.13		
5	16QAM	12	0	18.06	18.15	18.00	20	0
5	16QAM	12	7	18.17	18.20	18.36		
5	16QAM	12	13	18.01	18.31	18.40		
5	16QAM	25	0	18.10	18.07	18.34		
5	64QAM	1	0	18.19	18.08	18.38	20	0
5	64QAM	1	12	18.27	18.21	18.24		
5	64QAM	1	24	18.01	18.16	18.29		
5	64QAM	12	0	18.24	18.27	18.06	20	0
5	64QAM	12	7	18.35	18.06	18.27		
5	64QAM	12	13	18.08	18.17	18.25		
5	64QAM	25	0	18.07	18.01	18.33		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.23	18.38	18.43	20	0
3	QPSK	1	8	18.23	18.15	18.27		
3	QPSK	1	14	18.12	18.17	18.05		
3	QPSK	8	0	18.10	18.14	18.37	20	0
3	QPSK	8	4	18.03	18.35	18.15		
3	QPSK	8	7	18.26	18.28	18.26		
3	QPSK	15	0	18.20	18.36	18.29		
3	16QAM	1	0	18.10	18.25	18.40	20	0
3	16QAM	1	8	18.11	18.17	18.05		
3	16QAM	1	14	18.24	18.21	18.03		
3	16QAM	8	0	18.20	18.20	18.35	20	0
3	16QAM	8	4	18.09	18.25	18.51		
3	16QAM	8	7	18.10	18.34	18.33		
3	16QAM	15	0	18.25	18.20	18.33		
3	64QAM	1	0	18.11	18.26	18.19	20	0
3	64QAM	1	8	18.03	18.15	18.19		
3	64QAM	1	14	18.34	18.09	18.34		
3	64QAM	8	0	18.05	18.08	18.27	20	0
3	64QAM	8	4	18.32	18.17	18.46		
3	64QAM	8	7	18.24	18.29	18.01		
3	64QAM	15	0	18.06	18.07	18.37		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.16	18.45	18.35	20	0
1.4	QPSK	1	3	18.19	18.38	18.14		
1.4	QPSK	1	5	18.09	18.27	18.36		
1.4	QPSK	3	0	18.06	18.14	18.35		
1.4	QPSK	3	1	18.11	18.12	18.29		
1.4	QPSK	3	3	18.07	18.27	18.37		
1.4	QPSK	6	0	18.01	18.22	18.30	20	0
1.4	16QAM	1	0	18.25	18.32	18.41	20	0
1.4	16QAM	1	3	18.07	18.07	18.07		
1.4	16QAM	1	5	18.06	18.06	18.22		
1.4	16QAM	3	0	18.15	18.22	18.06		
1.4	16QAM	3	1	18.12	18.26	18.46		
1.4	16QAM	3	3	18.08	18.35	18.34		
1.4	16QAM	6	0	18.12	18.06	18.01	20	0
1.4	64QAM	1	0	18.09	18.27	18.25	20	0
1.4	64QAM	1	3	18.24	18.09	18.33		
1.4	64QAM	1	5	18.32	18.07	18.23		
1.4	64QAM	3	0	18.14	18.28	18.24		
1.4	64QAM	3	1	18.05	18.14	18.41		
1.4	64QAM	3	3	18.23	18.33	18.28		
1.4	64QAM	6	0	18.18	18.14	18.17	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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.83	22.88	22.81	24	0
10	QPSK	1	25	22.72	22.79	22.66		
10	QPSK	1	49	22.67	22.81	22.66		
10	QPSK	25	0	21.82	21.89	21.77	23	1
10	QPSK	25	12	21.79	21.87	21.82		
10	QPSK	25	25	21.70	21.80	21.76		
10	QPSK	50	0	21.75	21.86	21.79		
10	16QAM	1	0	21.77	21.81	21.77	23	1
10	16QAM	1	25	21.64	21.75	21.71		
10	16QAM	1	49	21.65	21.78	21.65		
10	16QAM	25	0	20.74	20.83	20.70	22	2
10	16QAM	25	12	20.71	20.81	20.75		
10	16QAM	25	25	20.75	20.81	20.68		
10	16QAM	50	0	20.75	20.80	20.74		
10	64QAM	1	0	20.83	20.89	20.80	22	2
10	64QAM	1	25	20.89	20.98	20.93		
10	64QAM	1	49	20.88	20.92	20.88		
10	64QAM	25	0	19.76	19.85	19.75	21	3
10	64QAM	25	12	19.68	19.81	19.69		
10	64QAM	25	25	19.71	19.80	19.75		
10	64QAM	50	0	19.72	19.82	19.76		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.73	22.81	22.72	24	0
5	QPSK	1	12	22.58	22.75	22.60		
5	QPSK	1	24	22.55	22.76	22.59		
5	QPSK	12	0	21.74	21.85	21.66	23	1
5	QPSK	12	7	21.70	21.79	21.78		
5	QPSK	12	13	21.55	21.65	21.67		
5	QPSK	25	0	21.63	21.76	21.68		
5	16QAM	1	0	21.65	21.72	21.73	23	1
5	16QAM	1	12	21.49	21.60	21.56		
5	16QAM	1	24	21.57	21.70	21.52		
5	16QAM	12	0	20.62	20.79	20.59	22	2
5	16QAM	12	7	20.60	20.74	20.66		
5	16QAM	12	13	20.70	20.68	20.63		
5	16QAM	25	0	20.60	20.76	20.64		
5	64QAM	1	0	20.73	20.81	20.75	22	2
5	64QAM	1	12	20.74	20.85	20.80		
5	64QAM	1	24	20.74	20.82	20.74		
5	64QAM	12	0	19.63	19.78	19.71	21	3
5	64QAM	12	7	19.58	19.76	19.56		
5	64QAM	12	13	19.64	19.70	19.67		
5	64QAM	25	0	19.59	19.79	19.62		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.71	22.83	22.67	24	0
3	QPSK	1	8	22.68	22.75	22.59		
3	QPSK	1	14	22.61	22.69	22.54		
3	QPSK	8	0	21.72	21.85	21.63	23	1
3	QPSK	8	4	21.74	21.79	21.67		
3	QPSK	8	7	21.57	21.69	21.66		
3	QPSK	15	0	21.65	21.79	21.72		
3	16QAM	1	0	21.68	21.73	21.68	23	1
3	16QAM	1	8	21.51	21.71	21.62		
3	16QAM	1	14	21.50	21.70	21.59		
3	16QAM	8	0	20.64	20.77	20.58	22	2
3	16QAM	8	4	20.61	20.72	20.68		
3	16QAM	8	7	20.62	20.72	20.58		
3	16QAM	15	0	20.72	20.76	20.69		
3	64QAM	1	0	20.79	20.81	20.72	22	2
3	64QAM	1	8	20.83	20.92	20.86		
3	64QAM	1	14	20.76	20.85	20.74		
3	64QAM	8	0	19.66	19.72	19.60	21	3
3	64QAM	8	4	19.59	19.76	19.61		
3	64QAM	8	7	19.58	19.68	19.71		
3	64QAM	15	0	19.59	19.77	19.66		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.80	22.78	22.63	24	0
1.4	QPSK	1	3	22.60	22.79	22.63		
1.4	QPSK	1	5	22.48	22.65	22.57		
1.4	QPSK	3	0	22.47	22.68	22.55		
1.4	QPSK	3	1	22.70	22.78	22.70		
1.4	QPSK	3	3	22.49	22.73	22.59		
1.4	QPSK	6	0	21.69	21.87	21.70	23	1
1.4	16QAM	1	0	21.72	21.85	21.77	23	1
1.4	16QAM	1	3	21.65	21.74	21.63		
1.4	16QAM	1	5	21.57	21.66	21.61		
1.4	16QAM	3	0	21.73	21.64	21.51		
1.4	16QAM	3	1	21.52	21.51	21.57		
1.4	16QAM	3	3	21.51	21.61	21.68		
1.4	16QAM	6	0	20.68	20.72	20.65	22	2
1.4	64QAM	1	0	20.66	20.74	20.67	22	2
1.4	64QAM	1	3	20.78	20.62	20.52		
1.4	64QAM	1	5	20.60	20.75	20.48		
1.4	64QAM	3	0	20.88	20.87	20.82		
1.4	64QAM	3	1	20.79	20.82	20.82		
1.4	64QAM	3	3	20.68	20.70	20.63		
1.4	64QAM	6	0	19.76	19.93	19.97	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.90	22.99	22.94	24	0
20	QPSK	1	49	22.88	22.89	22.87		
20	QPSK	1	99	22.85	22.91	22.81		
20	QPSK	50	0	21.84	22.04	21.96	23	1
20	QPSK	50	24	21.85	21.99	21.86		
20	QPSK	50	50	21.75	21.88	21.85		
20	QPSK	100	0	21.78	21.92	21.90		
20	16QAM	1	0	21.76	21.85	21.80	23	1
20	16QAM	1	49	21.83	21.87	21.83		
20	16QAM	1	99	21.71	21.81	21.68		
20	16QAM	50	0	20.74	20.83	20.80	22	2
20	16QAM	50	24	20.82	20.88	20.78		
20	16QAM	50	50	20.93	20.98	20.81		
20	16QAM	100	0	20.84	20.90	20.80		
20	64QAM	1	0	20.75	20.83	20.80	22	2
20	64QAM	1	49	21.06	21.06	21.03		
20	64QAM	1	99	20.92	21.00	20.94		
20	64QAM	50	0	19.96	20.03	20.01	21	3
20	64QAM	50	24	20.03	20.11	20.02		
20	64QAM	50	50	20.03	20.17	20.12		
20	64QAM	100	0	19.86	19.97	19.92		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.86	22.93	22.89	24	0
15	QPSK	1	37	22.78	22.85	22.79		
15	QPSK	1	74	22.75	22.79	22.71		
15	QPSK	36	0	21.71	21.99	21.86	23	1
15	QPSK	36	20	21.78	21.94	21.77		
15	QPSK	36	39	21.64	21.74	21.82		
15	QPSK	75	0	21.72	21.79	21.81		
15	16QAM	1	0	21.71	21.81	21.72	23	1
15	16QAM	1	37	21.68	21.78	21.78		
15	16QAM	1	74	21.64	21.72	21.62		
15	16QAM	36	0	20.60	20.69	20.68	22	2
15	16QAM	36	20	20.67	20.85	20.64		
15	16QAM	36	39	20.86	20.92	20.75		
15	16QAM	75	0	20.74	20.77	20.76		
15	64QAM	1	0	20.61	20.71	20.67	22	2
15	64QAM	1	37	21.01	20.93	20.96		
15	64QAM	1	74	20.78	20.87	20.91		
15	64QAM	36	0	19.93	19.96	19.96	21	3
15	64QAM	36	20	19.88	20.03	19.99		
15	64QAM	36	39	19.98	20.05	19.98		
15	64QAM	75	0	19.75	19.91	19.84		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.82	22.88	22.82	24	0
10	QPSK	1	25	22.75	22.85	22.80		
10	QPSK	1	49	22.76	22.85	22.75		
10	QPSK	25	0	21.73	21.98	21.84	23	1
10	QPSK	25	12	21.74	21.86	21.81		
10	QPSK	25	25	21.67	21.76	21.78		
10	QPSK	50	0	21.66	21.80	21.86		
10	16QAM	1	0	21.64	21.79	21.67	23	1
10	16QAM	1	25	21.70	21.75	21.71		
10	16QAM	1	49	21.64	21.66	21.54		
10	16QAM	25	0	20.69	20.74	20.66	22	2
10	16QAM	25	12	20.78	20.80	20.69		
10	16QAM	25	25	20.86	20.84	20.77		
10	16QAM	50	0	20.78	20.86	20.65		
10	64QAM	1	0	20.64	20.79	20.68	22	2
10	64QAM	1	25	20.92	20.95	20.96		
10	64QAM	1	49	20.80	20.95	20.84		
10	64QAM	25	0	19.83	19.92	19.87	21	3
10	64QAM	25	12	19.91	20.01	19.88		
10	64QAM	25	25	19.89	20.10	20.07		
10	64QAM	50	0	19.81	19.87	19.88		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.87	22.94	22.85	24	0
5	QPSK	1	12	22.83	22.82	22.77		
5	QPSK	1	24	22.72	22.84	22.67		
5	QPSK	12	0	21.78	21.96	21.93	23	1
5	QPSK	12	7	21.73	21.88	21.77		
5	QPSK	12	13	21.71	21.82	21.72		
5	QPSK	25	0	21.64	21.89	21.76		
5	16QAM	1	0	21.72	21.71	21.72	23	1
5	16QAM	1	12	21.72	21.75	21.73		
5	16QAM	1	24	21.64	21.72	21.61		
5	16QAM	12	0	20.66	20.68	20.70	22	2
5	16QAM	12	7	20.73	20.85	20.73		
5	16QAM	12	13	20.88	20.86	20.75		
5	16QAM	25	0	20.77	20.84	20.73		
5	64QAM	1	0	20.67	20.75	20.77	22	2
5	64QAM	1	12	20.93	20.92	20.92		
5	64QAM	1	24	20.87	20.88	20.81		
5	64QAM	12	0	19.87	19.97	19.86	21	3
5	64QAM	12	7	19.93	20.07	19.99		
5	64QAM	12	13	19.99	20.06	20.08		
5	64QAM	25	0	19.73	19.91	19.80		

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BW [MHz]	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	22.82	22.87	22.78	24	0
20	QPSK	1	49	22.71	22.75	22.65		
20	QPSK	1	99	22.70	22.76	22.78		
20	QPSK	50	0	21.71	21.82	21.70	23	1
20	QPSK	50	24	21.66	21.73	21.62		
20	QPSK	50	50	21.69	21.79	21.63		
20	QPSK	100	0	21.67	21.70	21.64		
20	16QAM	1	0	21.57	21.66	21.67	23	1
20	16QAM	1	49	21.52	21.70	21.54		
20	16QAM	1	99	21.45	21.52	21.44		
20	16QAM	50	0	20.76	20.85	20.75	22	2
20	16QAM	50	24	20.61	20.77	20.64		
20	16QAM	50	50	20.68	20.78	20.71		
20	16QAM	100	0	20.67	20.74	20.66		
20	64QAM	1	0	20.31	20.43	20.34	22	2
20	64QAM	1	49	20.42	20.53	20.48		
20	64QAM	1	99	20.48	20.49	20.43		
20	64QAM	50	0	19.84	19.89	19.86	21	3
20	64QAM	50	24	19.81	19.90	19.80		
20	64QAM	50	50	19.86	19.91	19.78		
20	64QAM	100	0	19.74	19.92	19.82		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.72	22.78	22.74	24	0
15	QPSK	1	37	22.62	22.61	22.51		
15	QPSK	1	74	22.60	22.67	22.69		
15	QPSK	36	0	21.59	21.71	21.66	23	1
15	QPSK	36	20	21.56	21.61	21.49		
15	QPSK	36	39	21.61	21.72	21.51		
15	QPSK	75	0	21.62	21.61	21.55		
15	16QAM	1	0	21.48	21.52	21.63	23	1
15	16QAM	1	37	21.37	21.63	21.45		
15	16QAM	1	74	21.32	21.41	21.35		
15	16QAM	36	0	20.68	20.75	20.71	22	2
15	16QAM	36	20	20.47	20.71	20.52		
15	16QAM	36	39	20.53	20.66	20.63		
15	16QAM	75	0	20.53	20.62	20.57		
15	64QAM	1	0	20.27	20.40	20.23	22	2
15	64QAM	1	37	20.34	20.44	20.43		
15	64QAM	1	74	20.35	20.38	20.28		
15	64QAM	36	0	19.73	19.77	19.78	21	3
15	64QAM	36	20	19.76	19.79	19.74		
15	64QAM	36	39	19.81	19.87	19.65		
15	64QAM	75	0	19.67	19.85	19.78		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.73	22.74	22.74	24	0
10	QPSK	1	25	22.61	22.67	22.51		
10	QPSK	1	49	22.63	22.69	22.66		
10	QPSK	25	0	21.58	21.74	21.60	23	1
10	QPSK	25	12	21.52	21.59	21.58		
10	QPSK	25	25	21.63	21.64	21.59		
10	QPSK	50	0	21.63	21.59	21.60		
10	16QAM	1	0	21.43	21.59	21.61	23	1
10	16QAM	1	25	21.38	21.62	21.50		
10	16QAM	1	49	21.35	21.39	21.40		
10	16QAM	25	0	20.62	20.75	20.64	22	2
10	16QAM	25	12	20.53	20.74	20.56		
10	16QAM	25	25	20.58	20.73	20.63		
10	16QAM	50	0	20.57	20.60	20.52		
10	64QAM	1	0	20.20	20.34	20.24	22	2
10	64QAM	1	25	20.27	20.48	20.38		
10	64QAM	1	49	20.34	20.40	20.34		
10	64QAM	25	0	19.75	19.83	19.74	21	3
10	64QAM	25	12	19.71	19.76	19.71		
10	64QAM	25	25	19.73	19.80	19.67		
10	64QAM	50	0	19.60	19.84	19.77		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.70	22.81	22.68	24	0
5	QPSK	1	12	22.58	22.70	22.52		
5	QPSK	1	24	22.60	22.63	22.66		
5	QPSK	12	0	21.67	21.72	21.58	23	1
5	QPSK	12	7	21.59	21.69	21.48		
5	QPSK	12	13	21.55	21.75	21.59		
5	QPSK	25	0	21.60	21.56	21.53		
5	16QAM	1	0	21.51	21.53	21.58	23	1
5	16QAM	1	12	21.43	21.55	21.48		
5	16QAM	1	24	21.30	21.49	21.30		
5	16QAM	12	0	20.71	20.77	20.67	22	2
5	16QAM	12	7	20.48	20.68	20.56		
5	16QAM	12	13	20.55	20.74	20.64		
5	16QAM	25	0	20.61	20.70	20.57		
5	64QAM	1	0	20.22	20.34	20.30	22	2
5	64QAM	1	12	20.31	20.43	20.38		
5	64QAM	1	24	20.37	20.44	20.28		
5	64QAM	12	0	19.76	19.76	19.83	21	3
5	64QAM	12	7	19.68	19.84	19.71		
5	64QAM	12	13	19.78	19.78	19.73		
5	64QAM	25	0	19.66	19.87	19.68		

Band 41 Ant2 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	22.81	22.70	22.89	22.77	22.75	24	0
20	QPSK	1	49	22.73	22.74	22.80	22.80	22.76		
20	QPSK	1	99	22.60	22.72	22.76	22.71	22.74		
20	QPSK	50	0	21.80	21.70	21.84	21.67	21.62	23	1
20	QPSK	50	24	21.75	21.71	21.73	21.71	21.75		
20	QPSK	50	50	21.83	21.76	21.76	21.70	21.73		
20	QPSK	100	0	21.76	21.68	21.78	21.72	21.75		
20	16QAM	1	0	21.65	21.67	21.73	21.65	21.72	23	1
20	16QAM	1	49	21.78	21.78	21.75	21.73	21.73		
20	16QAM	1	99	21.79	21.70	21.76	21.71	21.63		
20	16QAM	50	0	20.81	20.69	20.76	20.68	20.65	22	2
20	16QAM	50	24	20.74	20.72	20.77	20.69	20.73		
20	16QAM	50	50	20.74	20.67	20.81	20.70	20.71		
20	16QAM	100	0	20.82	20.63	20.77	20.68	20.76		
20	64QAM	1	0	20.32	20.36	20.51	20.49	20.45	22	2
20	64QAM	1	49	20.52	20.44	20.47	20.44	20.53		
20	64QAM	1	99	20.48	20.37	20.50	20.37	20.38		
20	64QAM	50	0	19.92	19.74	19.92	19.79	19.93	21	3
20	64QAM	50	24	19.96	19.89	19.96	19.81	19.80		
20	64QAM	50	50	19.83	19.81	19.83	19.85	19.66		
20	64QAM	100	0	19.89	19.83	19.85	19.78	19.81		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.66	22.64	22.80	22.71	22.61	24	0
15	QPSK	1	37	22.67	22.68	22.69	22.66	22.66		
15	QPSK	1	74	22.56	22.60	22.62	22.59	22.67		
15	QPSK	36	0	21.72	21.57	21.71	21.55	21.52	23	1
15	QPSK	36	20	21.64	21.62	21.67	21.60	21.60		
15	QPSK	36	39	21.71	21.68	21.65	21.58	21.62		
15	QPSK	75	0	21.66	21.57	21.72	21.63	21.68		
15	16QAM	1	0	21.60	21.62	21.67	21.51	21.65	23	1
15	16QAM	1	37	21.69	21.67	21.63	21.61	21.70		
15	16QAM	1	74	21.72	21.57	21.70	21.66	21.51		
15	16QAM	36	0	20.73	20.55	20.64	20.61	20.57	22	2
15	16QAM	36	20	20.65	20.64	20.63	20.54	20.66		
15	16QAM	36	39	20.62	20.62	20.76	20.63	20.60		
15	16QAM	75	0	20.69	20.58	20.72	20.54	20.68		
15	64QAM	1	0	20.18	20.29	20.48	20.37	20.39	22	2
15	64QAM	1	37	20.44	20.29	20.39	20.38	20.46		
15	64QAM	1	74	20.34	20.31	20.36	20.30	20.25		
15	64QAM	36	0	19.79	19.68	19.79	19.65	19.87	21	3
15	64QAM	36	20	19.83	19.80	19.85	19.75	19.74		
15	64QAM	36	39	19.70	19.78	19.72	19.79	19.52		
15	64QAM	75	0	19.78	19.79	19.71	19.70	19.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.73	22.64	22.76	22.68	22.63	24.00	0
10	QPSK	1	25	22.62	22.61	22.73	22.75	22.68		
10	QPSK	1	49	22.50	22.68	22.70	22.63	22.69		
10	QPSK	25	0	21.75	21.64	21.74	21.60	21.57	23	1
10	QPSK	25	12	21.65	21.64	21.63	21.63	21.68		
10	QPSK	25	25	21.75	21.66	21.69	21.62	21.68		
10	QPSK	50	0	21.72	21.56	21.64	21.64	21.68		
10	16QAM	1	0	21.53	21.56	21.64	21.61	21.62	23	1
10	16QAM	1	25	21.67	21.71	21.60	21.59	21.60		
10	16QAM	1	49	21.73	21.60	21.66	21.64	21.60		
10	16QAM	25	0	20.78	20.58	20.71	20.53	20.51	22	2
10	16QAM	25	12	20.62	20.67	20.64	20.63	20.70		
10	16QAM	25	25	20.69	20.63	20.72	20.65	20.59		
10	16QAM	50	0	20.78	20.55	20.71	20.58	20.65		
10	64QAM	1	0	20.25	20.32	20.45	20.37	20.34	22	2
10	64QAM	1	25	20.37	20.30	20.43	20.36	20.42		
10	64QAM	1	49	20.37	20.25	20.45	20.27	20.28		
10	64QAM	25	0	19.81	19.62	19.78	19.74	19.82	21	3
10	64QAM	25	12	19.89	19.79	19.88	19.70	19.74		
10	64QAM	25	25	19.78	19.69	19.77	19.80	19.57		
10	64QAM	50	0	19.81	19.71	19.71	19.69	19.68		
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	22.74	22.55	22.81	22.69	22.68	24.00	0
5	QPSK	1	12	22.65	22.64	22.69	22.77	22.64		
5	QPSK	1	24	22.54	22.61	22.61	22.58	22.69		
5	QPSK	12	0	21.69	21.64	21.80	21.55	21.53	23	1
5	QPSK	12	7	21.62	21.60	21.66	21.65	21.71		
5	QPSK	12	13	21.71	21.68	21.70	21.59	21.65		
5	QPSK	25	0	21.67	21.60	21.65	21.57	21.69		
5	16QAM	1	0	21.60	21.52	21.66	21.56	21.63	23	1
5	16QAM	1	12	21.65	21.69	21.62	21.67	21.67		
5	16QAM	1	24	21.73	21.58	21.67	21.60	21.53		
5	16QAM	12	0	20.76	20.61	20.62	20.62	20.61	22	2
5	16QAM	12	7	20.69	20.65	20.70	20.54	20.68		
5	16QAM	12	13	20.70	20.63	20.71	20.57	20.58		
5	16QAM	25	0	20.68	20.57	20.69	20.64	20.68		
5	64QAM	1	0	20.25	20.32	20.41	20.37	20.38	22	2
5	64QAM	1	12	20.46	20.41	20.42	20.31	20.43		
5	64QAM	1	24	20.36	20.31	20.41	20.29	20.30		
5	64QAM	12	0	19.83	19.68	19.82	19.73	19.79	21	3
5	64QAM	12	7	19.91	19.79	19.82	19.70	19.77		
5	64QAM	12	13	19.75	19.73	19.72	19.72	19.61		
5	64QAM	25	0	19.77	19.72	19.77	19.67	19.73		

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.32	31.38	31.36	32.50	22.32	22.38	22.36	23.50
GPRS 1 Tx slot	31.31	31.35	31.22	32.50	22.31	22.35	22.22	23.50
GPRS 2 Tx slots	30.35	30.42	30.36	31.50	24.35	24.42	24.36	25.50
GPRS 3 Tx slots	28.53	28.61	28.51	29.50	24.27	24.35	24.25	25.24
GPRS 4 Tx slots	27.36	27.47	27.34	28.50	24.36	24.47	24.34	25.50
EDGE 1 Tx slot	25.68	25.78	25.74	26.50	16.68	16.78	16.74	17.50
EDGE 2 Tx slots	24.59	24.73	24.59	25.50	18.59	18.73	18.59	19.50
EDGE 3 Tx slots	22.53	22.63	22.58	23.50	18.27	18.37	18.32	19.24
EDGE 4 Tx slots	21.30	21.38	21.34	22.50	18.30	18.38	18.34	19.50

GSM1900 Ant7 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	26.80	26.88	26.82	28.50	17.80	17.88	17.82	19.50
GPRS 1 Tx slot	26.73	26.83	26.76	28.50	17.73	17.83	17.76	19.50
GPRS 2 Tx slots	26.09	26.21	26.15	27.50	20.09	20.21	20.15	21.50
GPRS 3 Tx slots	24.35	24.48	24.38	26.00	20.09	20.22	20.12	21.74
GPRS 4 Tx slots	23.33	23.45	23.37	25.00	20.33	20.45	20.37	22.00
EDGE 1 Tx slot	23.28	23.43	23.25	25.00	14.28	14.43	14.25	16.00
EDGE 2 Tx slots	22.31	22.42	22.29	24.00	16.31	16.42	16.29	18.00
EDGE 3 Tx slots	20.21	20.34	20.26	22.00	15.95	16.08	16.00	17.74
EDGE 4 Tx slots	18.97	19.04	18.94	20.50	15.97	16.04	15.94	17.50

		WCDMA II Ant7 Default				WCDMA IV Ant7 Default				WCDMA V Ant7 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.70	20.75	20.67	22.00	20.85	21.11	21.07	22.00	21.50	21.68	21.65	23.00
3GPP Rel 99	RMC 12.2Kbps	20.77	20.80	20.73	22.00	20.99	21.19	21.14	22.00	21.59	21.75	21.68	23.00
3GPP Rel 6	HSDPA Subtest-1	19.82	20.00	19.78	21.00	20.08	20.21	20.02	21.00	20.71	20.85	20.61	22.00
3GPP Rel 6	HSDPA Subtest-2	19.72	19.76	19.69	21.00	19.99	20.01	19.99	21.00	20.62	20.60	20.54	22.00
3GPP Rel 6	HSDPA Subtest-3	19.10	19.22	19.05	20.50	19.38	19.46	19.33	20.50	19.98	20.09	19.96	21.50
3GPP Rel 6	HSDPA Subtest-4	19.33	19.37	19.35	20.50	19.66	19.56	19.60	20.50	20.19	20.16	20.15	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.79	19.81	19.77	21.00	20.01	20.09	20.09	21.00	20.65	20.73	20.68	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.63	19.66	19.62	21.00	19.91	19.97	19.83	21.00	20.46	20.51	20.45	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.98	19.09	18.97	20.50	19.21	19.39	19.21	20.50	19.86	19.99	19.79	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.12	19.09	19.03	20.50	19.31	19.49	19.29	20.50	19.93	20.04	19.93	21.50
3GPP Rel 6	HSUPA Subtest-1	19.75	19.95	19.67	21.00	20.06	20.19	19.99	21.00	20.65	20.76	20.60	22.00
3GPP Rel 6	HSUPA Subtest-2	17.73	18.01	17.87	19.00	18.02	18.18	18.19	19.00	18.66	18.82	18.80	20.00
3GPP Rel 6	HSUPA Subtest-3	18.86	19.03	18.98	20.00	18.99	19.26	19.23	20.00	19.64	19.86	19.82	21.00
3GPP Rel 6	HSUPA Subtest-4	17.75	17.87	17.67	19.00	17.99	18.16	17.93	19.00	18.64	18.73	18.55	20.00
3GPP Rel 6	HSUPA Subtest-5	19.56	19.68	19.70	21.00	19.98	20.02	19.94	21.00	20.51	20.64	20.55	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.29	17.43	17.35	18.50	17.61	17.74	17.55	18.50	18.17	18.28	18.17	19.50

Band 2 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.49	20.55	20.40	22	0
20	QPSK	1	49	20.47	20.51	20.36		
20	QPSK	1	99	20.26	20.39	20.30		
20	QPSK	50	0	19.42	19.54	19.41	21	1
20	QPSK	50	24	19.41	19.50	19.42		
20	QPSK	50	50	19.34	19.42	19.30		
20	QPSK	100	0	19.33	19.45	19.31		
20	16QAM	1	0	19.22	19.34	19.27	21	1
20	16QAM	1	49	19.30	19.36	19.26		
20	16QAM	1	99	19.22	19.31	19.26		
20	16QAM	50	0	18.39	18.46	18.32	20	2
20	16QAM	50	24	18.44	18.51	18.46		
20	16QAM	50	50	18.36	18.40	18.25		
20	16QAM	100	0	18.39	18.42	18.30		
20	64QAM	1	0	18.53	18.64	18.56	20	2
20	64QAM	1	49	18.47	18.60	18.49		
20	64QAM	1	99	18.35	18.49	18.37		
20	64QAM	50	0	17.58	17.64	17.57	19	3
20	64QAM	50	24	17.55	17.65	17.50		
20	64QAM	50	50	17.45	17.54	17.49		
20	64QAM	100	0	17.51	17.60	17.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.42	20.47	20.29	22	0
15	QPSK	1	37	20.43	20.43	20.22		
15	QPSK	1	74	20.12	20.27	20.24		
15	QPSK	36	0	19.32	19.45	19.32	21	1
15	QPSK	36	20	19.30	19.38	19.32		
15	QPSK	36	39	19.26	19.35	19.21		
15	QPSK	75	0	19.22	19.36	19.19		
15	16QAM	1	0	19.12	19.24	19.21	21	1
15	16QAM	1	37	19.23	19.24	19.15		
15	16QAM	1	74	19.17	19.20	19.13		
15	16QAM	36	0	18.34	18.41	18.28	20	2
15	16QAM	36	20	18.40	18.42	18.34		
15	16QAM	36	39	18.32	18.37	18.18		
15	16QAM	75	0	18.31	18.27	18.19		
15	64QAM	1	0	18.38	18.49	18.50	20	2
15	64QAM	1	37	18.35	18.52	18.36		
15	64QAM	1	74	18.21	18.40	18.23		
15	64QAM	36	0	17.46	17.58	17.53	19	3
15	64QAM	36	20	17.49	17.57	17.44		
15	64QAM	36	39	17.33	17.45	17.39		
15	64QAM	75	0	17.38	17.56	17.41		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.35	20.45	20.29	22	0
10	QPSK	1	25	20.41	20.40	20.21		
10	QPSK	1	49	20.11	20.28	20.17		
10	QPSK	25	0	19.28	19.46	19.29	21	1
10	QPSK	25	12	19.36	19.39	19.31		
10	QPSK	25	25	19.20	19.31	19.22		
10	QPSK	50	0	19.30	19.40	19.17		
10	16QAM	1	0	19.17	19.26	19.18	21	1
10	16QAM	1	25	19.26	19.33	19.21		
10	16QAM	1	49	19.07	19.20	19.14		
10	16QAM	25	0	18.36	18.34	18.28	20	2
10	16QAM	25	12	18.35	18.43	18.33		
10	16QAM	25	25	18.23	18.32	18.19		
10	16QAM	50	0	18.28	18.37	18.20		
10	64QAM	1	0	18.41	18.58	18.41	20	2
10	64QAM	1	25	18.37	18.46	18.41		
10	64QAM	1	49	18.21	18.44	18.33		
10	64QAM	25	0	17.44	17.53	17.47	19	3
10	64QAM	25	12	17.42	17.53	17.41		
10	64QAM	25	25	17.34	17.48	17.46		
10	64QAM	50	0	17.41	17.49	17.34		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.41	20.52	20.36	22	0
5	QPSK	1	12	20.38	20.47	20.33		
5	QPSK	1	24	20.11	20.26	20.23		
5	QPSK	12	0	19.36	19.44	19.28	21	1
5	QPSK	12	7	19.32	19.40	19.37		
5	QPSK	12	13	19.19	19.38	19.15		
5	QPSK	25	0	19.25	19.37	19.19		
5	16QAM	1	0	19.14	19.30	19.16	21	1
5	16QAM	1	12	19.19	19.30	19.12		
5	16QAM	1	24	19.18	19.20	19.17		
5	16QAM	12	0	18.35	18.39	18.21	20	2
5	16QAM	12	7	18.39	18.38	18.38		
5	16QAM	12	13	18.27	18.30	18.15		
5	16QAM	25	0	18.33	18.27	18.26		
5	64QAM	1	0	18.38	18.54	18.46	20	2
5	64QAM	1	12	18.39	18.54	18.37		
5	64QAM	1	24	18.20	18.36	18.26		
5	64QAM	12	0	17.48	17.52	17.48	19	3
5	64QAM	12	7	17.50	17.50	17.39		
5	64QAM	12	13	17.39	17.46	17.37		
5	64QAM	25	0	17.44	17.48	17.36		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.43	20.50	20.28	22	0
3	QPSK	1	8	20.42	20.37	20.21		
3	QPSK	1	14	20.17	20.31	20.27		
3	QPSK	8	0	19.31	19.39	19.32	21	1
3	QPSK	8	4	19.36	19.40	19.29		
3	QPSK	8	7	19.19	19.32	19.15		
3	QPSK	15	0	19.25	19.33	19.21		
3	16QAM	1	0	19.17	19.28	19.22	21	1
3	16QAM	1	8	19.25	19.24	19.20		
3	16QAM	1	14	19.11	19.18	19.22		
3	16QAM	8	0	18.24	18.37	18.20	20	2
3	16QAM	8	4	18.29	18.43	18.32		
3	16QAM	8	7	18.28	18.33	18.22		
3	16QAM	15	0	18.26	18.29	18.17		
3	64QAM	1	0	18.47	18.53	18.47	20	2
3	64QAM	1	8	18.39	18.53	18.42		
3	64QAM	1	14	18.30	18.44	18.27		
3	64QAM	8	0	17.55	17.49	17.43	19	3
3	64QAM	8	4	17.49	17.62	17.43		
3	64QAM	8	7	17.37	17.49	17.43		
3	64QAM	15	0	17.45	17.47	17.43		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.37	20.45	20.37	22	0
1.4	QPSK	1	3	20.40	20.39	20.24		
1.4	QPSK	1	5	20.12	20.32	20.20		
1.4	QPSK	3	0	20.35	20.41	20.35		
1.4	QPSK	3	1	20.38	20.38	20.27		
1.4	QPSK	3	3	20.23	20.35	20.25		
1.4	QPSK	6	0	19.29	19.51	19.32	21	1
1.4	16QAM	1	0	19.34	19.38	19.31	21	1
1.4	16QAM	1	3	19.20	19.39	19.22		
1.4	16QAM	1	5	19.26	19.36	19.26		
1.4	16QAM	3	0	19.12	19.25	19.20		
1.4	16QAM	3	1	19.27	19.23	19.21		
1.4	16QAM	3	3	19.18	19.20	19.18		
1.4	16QAM	6	0	18.30	18.40	18.27	20	2
1.4	64QAM	1	0	18.35	18.38	18.38	20	2
1.4	64QAM	1	3	18.23	18.28	18.16		
1.4	64QAM	1	5	18.24	18.37	18.24		
1.4	64QAM	3	0	18.44	18.59	18.44		
1.4	64QAM	3	1	18.34	18.45	18.39		
1.4	64QAM	3	3	18.31	18.46	18.34		
1.4	64QAM	6	0	17.52	17.59	17.39	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.31	20.39	20.36	22	0
20	QPSK	1	49	20.29	20.35	20.21		
20	QPSK	1	99	20.14	20.20	20.15		
20	QPSK	50	0	19.34	19.38	19.25	21	1
20	QPSK	50	24	19.26	19.37	19.24		
20	QPSK	50	50	19.28	19.32	19.29		
20	QPSK	100	0	19.30	19.34	19.25		
20	16QAM	1	0	19.26	19.31	19.20	21	1
20	16QAM	1	49	19.21	19.26	19.14		
20	16QAM	1	99	19.23	19.29	19.21		
20	16QAM	50	0	18.45	18.51	18.44	20	2
20	16QAM	50	24	18.37	18.50	18.39		
20	16QAM	50	50	18.41	18.47	18.43		
20	16QAM	100	0	18.39	18.44	18.38		
20	64QAM	1	0	18.49	18.54	18.39	20	2
20	64QAM	1	49	18.41	18.46	18.31		
20	64QAM	1	99	18.42	18.47	18.39		
20	64QAM	50	0	17.45	17.51	17.39	19	3
20	64QAM	50	24	17.43	17.48	17.43		
20	64QAM	50	50	17.33	17.41	17.28		
20	64QAM	100	0	17.41	17.46	17.34		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.25	20.31	20.28	22	0
15	QPSK	1	37	20.20	20.25	20.11		
15	QPSK	1	74	20.04	20.10	20.01		
15	QPSK	36	0	19.29	19.25	19.20	21	1
15	QPSK	36	20	19.15	19.32	19.14		
15	QPSK	36	39	19.17	19.24	19.20		
15	QPSK	75	0	19.19	19.21	19.17		
15	16QAM	1	0	19.20	19.23	19.06	21	1
15	16QAM	1	37	19.10	19.18	19.09		
15	16QAM	1	74	19.15	19.24	19.12		
15	16QAM	36	0	18.41	18.47	18.37	20	2
15	16QAM	36	20	18.22	18.46	18.25		
15	16QAM	36	39	18.37	18.37	18.35		
15	16QAM	75	0	18.30	18.38	18.24		
15	64QAM	1	0	18.45	18.45	18.26	20	2
15	64QAM	1	37	18.26	18.41	18.22		
15	64QAM	1	74	18.36	18.44	18.35		
15	64QAM	36	0	17.30	17.42	17.36	19	3
15	64QAM	36	20	17.31	17.34	17.39		
15	64QAM	36	39	17.23	17.34	17.21		
15	64QAM	75	0	17.35	17.40	17.24		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.18	20.34	20.24	22	0
10	QPSK	1	25	20.25	20.32	20.09		
10	QPSK	1	49	20.07	20.13	20.05		
10	QPSK	25	0	19.25	19.24	19.14	21	1
10	QPSK	25	12	19.18	19.24	19.14		
10	QPSK	25	25	19.21	19.27	19.21		
10	QPSK	50	0	19.17	19.28	19.21		
10	16QAM	1	0	19.12	19.22	19.10	21	1
10	16QAM	1	25	19.07	19.23	19.06		
10	16QAM	1	49	19.20	19.18	19.18		
10	16QAM	25	0	18.40	18.42	18.34	20	2
10	16QAM	25	12	18.24	18.36	18.31		
10	16QAM	25	25	18.31	18.33	18.34		
10	16QAM	50	0	18.31	18.41	18.28		
10	64QAM	1	0	18.38	18.41	18.33	20	2
10	64QAM	1	25	18.33	18.35	18.18		
10	64QAM	1	49	18.31	18.40	18.29		
10	64QAM	25	0	17.33	17.44	17.31	19	3
10	64QAM	25	12	17.29	17.40	17.30		
10	64QAM	25	25	17.20	17.27	17.14		
10	64QAM	50	0	17.27	17.37	17.21		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.28	20.31	20.31	22	0
5	QPSK	1	12	20.15	20.29	20.07		
5	QPSK	1	24	20.06	20.16	20.05		
5	QPSK	12	0	19.25	19.30	19.19	21	1
5	QPSK	12	7	19.22	19.27	19.12		
5	QPSK	12	13	19.14	19.20	19.19		
5	QPSK	25	0	19.22	19.23	19.19		
5	16QAM	1	0	19.21	19.21	19.06	21	1
5	16QAM	1	12	19.11	19.17	19.06		
5	16QAM	1	24	19.15	19.15	19.14		
5	16QAM	12	0	18.34	18.42	18.36	20	2
5	16QAM	12	7	18.28	18.40	18.36		
5	16QAM	12	13	18.35	18.36	18.29		
5	16QAM	25	0	18.30	18.38	18.25		
5	64QAM	1	0	18.44	18.43	18.29	20	2
5	64QAM	1	12	18.29	18.38	18.22		
5	64QAM	1	24	18.33	18.40	18.25		
5	64QAM	12	0	17.32	17.40	17.30	19	3
5	64QAM	12	7	17.35	17.36	17.29		
5	64QAM	12	13	17.25	17.31	17.21		
5	64QAM	25	0	17.27	17.43	17.25		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.23	20.24	20.24	22	0
3	QPSK	1	8	20.21	20.27	20.08		
3	QPSK	1	14	20.07	20.13	20.09		
3	QPSK	8	0	19.26	19.30	19.13	21	1
3	QPSK	8	4	19.13	19.25	19.10		
3	QPSK	8	7	19.18	19.18	19.24		
3	QPSK	15	0	19.16	19.21	19.17		
3	16QAM	1	0	19.14	19.16	19.13	21	1
3	16QAM	1	8	19.11	19.14	19.11		
3	16QAM	1	14	19.10	19.19	19.08		
3	16QAM	8	0	18.41	18.37	18.39	20	2
3	16QAM	8	4	18.25	18.42	18.29		
3	16QAM	8	7	18.34	18.36	18.31		
3	16QAM	15	0	18.35	18.41	18.30		
3	64QAM	1	0	18.40	18.41	18.35	20	2
3	64QAM	1	8	18.34	18.40	18.25		
3	64QAM	1	14	18.38	18.41	18.33		
3	64QAM	8	0	17.31	17.47	17.34	19	3
3	64QAM	8	4	17.34	17.38	17.30		
3	64QAM	8	7	17.26	17.34	17.23		
3	64QAM	15	0	17.32	17.37	17.27		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.14	20.29	20.22	22	0
1.4	QPSK	1	3	20.19	20.21	20.06		
1.4	QPSK	1	5	19.91	20.08	20.02		
1.4	QPSK	3	0	20.15	20.27	20.21		
1.4	QPSK	3	1	20.19	20.24	20.03		
1.4	QPSK	3	3	20.09	20.22	20.04		
1.4	QPSK	6	0	19.04	19.26	19.14	21	1
1.4	16QAM	1	0	19.18	19.16	19.07	21	1
1.4	16QAM	1	3	18.95	19.26	19.07		
1.4	16QAM	1	5	19.09	19.12	19.11		
1.4	16QAM	3	0	18.93	19.04	18.98		
1.4	16QAM	3	1	19.04	19.04	19.05		
1.4	16QAM	3	3	18.97	19.00	18.96		
1.4	16QAM	6	0	18.08	18.16	18.08	20	2
1.4	64QAM	1	0	18.13	18.16	18.17	20	2
1.4	64QAM	1	3	18.07	18.13	17.92		
1.4	64QAM	1	5	18.11	18.16	18.06		
1.4	64QAM	3	0	18.24	18.36	18.20		
1.4	64QAM	3	1	18.18	18.32	18.24		
1.4	64QAM	3	3	18.14	18.32	18.15		
1.4	64QAM	6	0	17.37	17.40	17.23	19	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.41	21.48	21.36	22	0
10	QPSK	1	25	21.34	21.41	21.30		
10	QPSK	1	49	21.22	21.26	21.17		
10	QPSK	25	0	20.25	20.39	20.24	21	1
10	QPSK	25	12	20.23	20.34	20.20		
10	QPSK	25	25	20.11	20.23	20.19		
10	QPSK	50	0	20.20	20.29	20.14		
10	16QAM	1	0	20.20	20.28	20.21	21	1
10	16QAM	1	25	20.06	20.20	20.09		
10	16QAM	1	49	20.08	20.21	20.12		
10	16QAM	25	0	19.26	19.35	19.25	20	2
10	16QAM	25	12	19.25	19.31	19.28		
10	16QAM	25	25	19.06	19.20	19.08		
10	16QAM	50	0	19.17	19.28	19.22		
10	64QAM	1	0	19.29	19.42	19.35	20	2
10	64QAM	1	25	19.38	19.48	19.38		
10	64QAM	1	49	19.33	19.41	19.32		
10	64QAM	25	0	18.28	18.37	18.25	19	3
10	64QAM	25	12	18.24	18.33	18.19		
10	64QAM	25	25	18.09	18.21	18.11		
10	64QAM	50	0	18.14	18.29	18.16		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.29	21.45	21.23	22	0
5	QPSK	1	12	21.22	21.31	21.23		
5	QPSK	1	24	21.14	21.20	21.03		
5	QPSK	12	0	20.15	20.35	20.10	21	1
5	QPSK	12	7	20.13	20.29	20.10		
5	QPSK	12	13	20.06	20.18	20.13		
5	QPSK	25	0	20.12	20.17	20.06		
5	16QAM	1	0	20.09	20.20	20.12	21	1
5	16QAM	1	12	19.95	20.10	20.04		
5	16QAM	1	24	19.93	20.12	20.01		
5	16QAM	12	0	19.18	19.27	19.14	20	2
5	16QAM	12	7	19.13	19.26	19.22		
5	16QAM	12	13	18.98	19.12	18.98		
5	16QAM	25	0	19.04	19.15	19.16		
5	64QAM	1	0	19.25	19.34	19.24	20	2
5	64QAM	1	12	19.28	19.36	19.25		
5	64QAM	1	24	19.26	19.37	19.27		
5	64QAM	12	0	18.20	18.28	18.10	19	3
5	64QAM	12	7	18.16	18.30	18.13		
5	64QAM	12	13	17.96	18.07	17.97		
5	64QAM	25	0	18.01	18.18	18.13		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.28	21.33	21.31	22	0
3	QPSK	1	8	21.28	21.34	21.18		
3	QPSK	1	14	21.11	21.18	21.11		
3	QPSK	8	0	20.12	20.35	20.12	21	1
3	QPSK	8	4	20.11	20.20	20.09		
3	QPSK	8	7	20.06	20.11	20.14		
3	QPSK	15	0	20.08	20.20	19.99		
3	16QAM	1	0	20.08	20.16	20.14	21	1
3	16QAM	1	8	20.01	20.16	20.05		
3	16QAM	1	14	19.93	20.10	20.01		
3	16QAM	8	0	19.12	19.25	19.18	20	2
3	16QAM	8	4	19.12	19.22	19.21		
3	16QAM	8	7	18.99	19.06	18.98		
3	16QAM	15	0	19.05	19.23	19.16		
3	64QAM	1	0	19.16	19.36	19.31	20	2
3	64QAM	1	8	19.23	19.33	19.27		
3	64QAM	1	14	19.19	19.33	19.24		
3	64QAM	8	0	18.25	18.33	18.18	19	3
3	64QAM	8	4	18.13	18.26	18.14		
3	64QAM	8	7	18.01	18.11	18.06		
3	64QAM	15	0	18.06	18.15	18.08		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.30	21.35	21.24	22	0
1.4	QPSK	1	3	21.35	21.26	21.13		
1.4	QPSK	1	5	21.07	21.26	21.11		
1.4	QPSK	3	0	21.28	21.32	21.27		
1.4	QPSK	3	1	21.30	21.34	21.20		
1.4	QPSK	3	3	21.10	21.20	21.15		
1.4	QPSK	6	0	20.16	20.37	20.28	21	1
1.4	16QAM	1	0	20.25	20.27	20.27	21	1
1.4	16QAM	1	3	20.09	20.31	20.10		
1.4	16QAM	1	5	20.19	20.21	20.15		
1.4	16QAM	3	0	20.06	20.13	20.06		
1.4	16QAM	3	1	20.22	20.18	20.14		
1.4	16QAM	3	3	20.07	20.08	20.04		
1.4	16QAM	6	0	19.17	19.36	19.18	20	2
1.4	64QAM	1	0	19.30	19.24	19.26	20	2
1.4	64QAM	1	3	19.09	19.17	19.01		
1.4	64QAM	1	5	19.16	19.22	19.19		
1.4	64QAM	3	0	19.35	19.46	19.31		
1.4	64QAM	3	1	19.30	19.31	19.35		
1.4	64QAM	3	3	19.17	19.33	19.28		
1.4	64QAM	6	0	18.47	18.46	18.33	19	3

Reduced Power for DSI 7 for Main PA

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	32.87	32.91	32.84	33.50	23.87	23.91	23.84	24.50
GPRS 1 Tx slot	32.76	32.82	32.70	33.50	23.76	23.82	23.70	24.50
GPRS 2 Tx slots	31.81	31.87	31.73	32.50	25.81	25.87	25.73	26.50
GPRS 3 Tx slots	29.99	30.09	29.98	31.00	25.73	25.83	25.72	26.74
GPRS 4 Tx slots	28.87	28.98	28.87	30.00	25.87	25.98	25.87	27.00
EDGE 1 Tx slot	27.19	27.24	27.20	28.50	18.19	18.24	18.20	19.50
EDGE 2 Tx slots	26.06	26.18	26.06	27.50	20.06	20.18	20.06	21.50
EDGE 3 Tx slots	24.06	24.20	24.10	25.50	19.80	19.94	19.84	21.24
EDGE 4 Tx slots	22.74	22.86	22.82	24.00	19.74	19.86	19.82	21.00

GSM1900 Ant1 DSI7

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	22.63	22.68	22.52	24.00	13.63	13.68	13.52	15.00
GPRS 1 Tx slot	22.57	22.58	22.51	24.00	13.57	13.58	13.51	15.00
GPRS 2 Tx slots	21.85	21.89	21.79	23.00	15.85	15.89	15.79	17.00
GPRS 3 Tx slots	20.21	20.23	20.10	21.50	15.95	15.97	15.84	17.24
GPRS 4 Tx slots	19.11	19.20	19.17	20.50	16.11	16.20	16.17	17.50
EDGE 1 Tx slot	19.02	19.11	19.07	20.50	10.02	10.11	10.07	11.50
EDGE 2 Tx slots	17.99	18.17	18.03	19.50	11.99	12.17	12.03	13.50
EDGE 3 Tx slots	15.97	16.03	15.91	17.50	11.71	11.77	11.65	13.24
EDGE 4 Tx slots	14.61	14.69	14.69	16.00	11.61	11.69	11.69	13.00

		WCDMA II Ant1 DSI7				WCDMA IV Ant1 DSI7				WCDMA V Ant1 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	16.44	16.61	16.56	17.50	18.30	18.51	18.52	19.50	22.92	23.06	22.97	24.00
3GPP Rel 99	RMC 12.2Kbps	16.58	16.77	16.69	17.50	18.48	18.70	18.47	19.50	23.03	23.12	23.10	24.00
3GPP Rel 6	HSDPA Subtest-1	15.63	15.63	15.68	16.50	17.44	17.70	17.52	18.50	22.05	22.16	22.05	23.00
3GPP Rel 6	HSDPA Subtest-2	15.59	15.59	15.65	16.50	17.37	17.62	17.63	18.50	21.90	21.96	21.97	23.00
3GPP Rel 6	HSDPA Subtest-3	15.05	15.06	14.95	16.00	16.97	17.09	16.82	18.00	21.40	21.54	21.36	22.50
3GPP Rel 6	HSDPA Subtest-4	15.22	15.26	14.96	16.00	17.20	17.23	17.03	18.00	21.55	21.56	21.43	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.95	15.71	15.56	16.50	17.67	17.69	17.41	18.50	22.16	22.10	22.02	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.43	15.48	15.49	16.50	17.26	17.42	17.22	18.50	21.77	21.96	21.84	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	14.96	14.87	14.94	16.00	16.92	16.64	16.85	18.00	21.33	21.33	21.18	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	14.98	15.11	15.00	16.00	16.96	16.89	16.79	18.00	21.33	21.45	21.40	22.50
3GPP Rel 6	HSUPA Subtest-1	15.84	15.97	15.65	16.50	17.69	17.92	17.55	18.50	22.16	22.22	21.94	23.00
3GPP Rel 6	HSUPA Subtest-2	13.52	13.91	13.71	14.50	15.59	15.83	15.58	16.50	20.04	20.24	20.17	21.00
3GPP Rel 6	HSUPA Subtest-3	14.74	14.84	14.68	15.50	16.77	16.79	16.67	17.50	21.18	21.14	21.01	22.00
3GPP Rel 6	HSUPA Subtest-4	13.70	13.59	13.65	14.50	15.58	15.64	15.53	16.50	20.07	19.95	19.96	21.00
3GPP Rel 6	HSUPA Subtest-5	15.63	15.61	15.61	16.50	17.50	17.57	17.39	18.50	21.93	21.90	21.85	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.09	13.29	13.21	14.00	15.03	15.23	15.03	16.00	19.43	19.62	19.48	20.50

Band 2 Ant1 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.99	16.02	15.89	17.5	0
20	QPSK	1	49	15.93	15.93	15.87		
20	QPSK	1	99	15.78	15.82	15.73		
20	QPSK	50	0	15.89	15.97	15.72	17.5	0
20	QPSK	50	24	15.95	15.75	15.83		
20	QPSK	50	50	15.63	15.64	15.73		
20	QPSK	100	0	15.79	15.95	15.72		
20	16QAM	1	0	15.80	15.93	15.80	17.5	0
20	16QAM	1	49	15.76	15.81	15.63		
20	16QAM	1	99	15.87	15.94	15.71		
20	16QAM	50	0	15.77	15.78	15.78	17.5	0
20	16QAM	50	24	15.77	15.78	15.72		
20	16QAM	50	50	15.98	15.99	15.70		
20	16QAM	100	0	15.88	15.82	15.70		
20	64QAM	1	0	15.80	15.69	15.60	17.5	0
20	64QAM	1	49	15.87	15.88	15.88		
20	64QAM	1	99	15.85	15.92	15.87		
20	64QAM	50	0	15.72	15.70	15.65	17.5	0
20	64QAM	50	24	15.84	15.89	15.63		
20	64QAM	50	50	15.89	15.83	15.72		
20	64QAM	100	0	15.70	15.64	15.69		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.99	15.88	15.80	17.5	0
15	QPSK	1	37	15.78	15.80	15.88		
15	QPSK	1	74	15.71	15.63	15.74		
15	QPSK	36	0	15.96	15.74	15.52	17.5	0
15	QPSK	36	20	15.76	15.66	15.85		
15	QPSK	36	39	15.61	15.51	15.68		
15	QPSK	75	0	15.75	15.78	15.53		
15	16QAM	1	0	15.95	15.92	15.78	17.5	0
15	16QAM	1	37	15.63	15.71	15.69		
15	16QAM	1	74	15.75	15.80	15.53		
15	16QAM	36	0	15.67	15.70	15.63	17.5	0
15	16QAM	36	20	15.60	15.64	15.61		
15	16QAM	36	39	15.75	15.95	15.76		
15	16QAM	75	0	15.59	15.61	15.63		
15	64QAM	1	0	15.76	15.70	15.65	17.5	0
15	64QAM	1	37	15.58	15.85	15.59		
15	64QAM	1	74	15.71	15.74	15.65		
15	64QAM	36	0	15.64	15.83	15.71	17.5	0
15	64QAM	36	20	15.80	15.80	15.66		
15	64QAM	36	39	15.71	15.67	15.61		
15	64QAM	75	0	15.69	15.53	15.56		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.91	15.92	15.88	17.5	0
10	QPSK	1	25	15.73	15.70	15.67		
10	QPSK	1	49	15.85	15.81	15.51		
10	QPSK	25	0	15.93	15.77	15.72	17.5	0
10	QPSK	25	12	15.72	15.78	15.80		
10	QPSK	25	25	15.65	15.63	15.74		
10	QPSK	50	0	15.82	15.77	15.57		
10	16QAM	1	0	15.80	15.79	15.82	17.5	0
10	16QAM	1	25	15.68	15.74	15.57		
10	16QAM	1	49	15.69	15.80	15.61		
10	16QAM	25	0	15.56	15.74	15.66	17.5	0
10	16QAM	25	12	15.57	15.73	15.74		
10	16QAM	25	25	15.91	15.81	15.62		
10	16QAM	50	0	15.82	15.75	15.64		
10	64QAM	1	0	15.78	15.53	15.54	17.5	0
10	64QAM	1	25	15.59	15.80	15.61		
10	64QAM	1	49	15.83	15.78	15.78		
10	64QAM	25	0	15.57	15.70	15.53	17.5	0
10	64QAM	25	12	15.82	15.74	15.62		
10	64QAM	25	25	15.75	15.79	15.64		
10	64QAM	50	0	15.95	15.87	15.55		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.95	15.80	15.80	17.5	0
5	QPSK	1	12	15.80	15.84	15.87		
5	QPSK	1	24	15.64	15.80	15.56		
5	QPSK	12	0	15.95	15.92	15.66	17.5	0
5	QPSK	12	7	15.72	15.75	15.56		
5	QPSK	12	13	15.75	15.69	15.69		
5	QPSK	25	0	15.67	15.79	15.58		
5	16QAM	1	0	15.73	15.74	15.80	17.5	0
5	16QAM	1	12	15.66	15.73	15.58		
5	16QAM	1	24	15.75	15.78	15.61		
5	16QAM	12	0	15.67	15.75	15.57	17.5	0
5	16QAM	12	7	15.59	15.60	15.73		
5	16QAM	12	13	15.79	15.90	15.55		
5	16QAM	25	0	15.85	15.65	15.70		
5	64QAM	1	0	15.75	15.75	15.88	17.5	0
5	64QAM	1	12	15.79	15.82	15.60		
5	64QAM	1	24	15.85	15.82	15.61		
5	64QAM	12	0	15.94	15.81	15.87	17.5	0
5	64QAM	12	7	15.59	15.68	15.56		
5	64QAM	12	13	15.98	15.74	15.68		
5	64QAM	25	0	15.67	15.53	15.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.73	15.92	15.76	17.5	0
3	QPSK	1	8	15.60	15.81	15.67		
3	QPSK	1	14	15.80	15.80	15.50		
3	QPSK	8	0	15.85	15.75	15.55	17.5	0
3	QPSK	8	4	15.90	15.68	15.84		
3	QPSK	8	7	15.61	15.52	15.59		
3	QPSK	15	0	15.73	15.82	15.60		
3	16QAM	1	0	15.68	15.94	15.64	17.5	0
3	16QAM	1	8	15.90	15.90	15.78		
3	16QAM	1	14	15.63	15.62	15.65		
3	16QAM	8	0	15.85	15.83	15.65	17.5	0
3	16QAM	8	4	15.78	15.76	15.68		
3	16QAM	8	7	15.89	15.86	15.53		
3	16QAM	15	0	15.73	15.71	15.56		
3	64QAM	1	0	15.95	15.84	15.82	17.5	0
3	64QAM	1	8	15.57	15.73	15.53		
3	64QAM	1	14	15.93	15.75	15.51		
3	64QAM	8	0	15.90	15.85	15.66	17.5	0
3	64QAM	8	4	15.66	15.78	15.64		
3	64QAM	8	7	15.88	15.81	15.63		
3	64QAM	15	0	15.62	15.56	15.50		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.81	15.94	15.74	17.5	0
1.4	QPSK	1	3	15.90	15.79	15.75		
1.4	QPSK	1	5	15.70	15.64	15.68		
1.4	QPSK	3	0	15.94	15.84	15.71		
1.4	QPSK	3	1	15.96	15.74	15.76		
1.4	QPSK	3	3	15.58	15.60	15.56		
1.4	QPSK	6	0	15.74	15.79	15.57	17.5	0
1.4	16QAM	1	0	15.80	15.86	15.77	17.5	0
1.4	16QAM	1	3	15.67	15.60	15.51		
1.4	16QAM	1	5	15.70	15.78	15.61		
1.4	16QAM	3	0	15.71	15.75	15.70		
1.4	16QAM	3	1	15.69	15.57	15.61		
1.4	16QAM	3	3	15.99	15.89	15.57		
1.4	16QAM	6	0	15.75	15.63	15.56	17.5	0
1.4	64QAM	1	0	15.86	15.84	15.70	17.5	0
1.4	64QAM	1	3	15.57	15.77	15.69		
1.4	64QAM	1	5	15.85	15.70	15.62		
1.4	64QAM	3	0	15.82	15.81	15.79		
1.4	64QAM	3	1	15.75	15.73	15.54		
1.4	64QAM	3	3	15.85	15.68	15.58		
1.4	64QAM	6	0	15.64	15.64	15.68	17.5	0

Band 4 Ant1 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.88	18.05	18.02	19.5	0
20	QPSK	1	49	17.69	17.73	17.80		
20	QPSK	1	99	17.63	17.87	17.57		
20	QPSK	50	0	17.86	17.93	17.88	19.5	0
20	QPSK	50	24	17.67	17.68	17.74		
20	QPSK	50	50	17.64	17.79	17.57		
20	QPSK	100	0	17.66	17.90	17.88		
20	16QAM	1	0	17.74	17.57	17.72	19.5	0
20	16QAM	1	49	17.68	17.76	17.72		
20	16QAM	1	99	17.67	17.95	17.81		
20	16QAM	50	0	17.51	17.52	17.60	19.5	0
20	16QAM	50	24	17.75	17.80	17.50		
20	16QAM	50	50	17.76	17.94	17.84		
20	16QAM	100	0	17.73	17.68	17.64		
20	64QAM	1	0	17.64	17.85	17.57	19.5	0
20	64QAM	1	49	17.79	17.94	17.82		
20	64QAM	1	99	17.53	17.65	17.60		
20	64QAM	50	0	17.56	17.76	17.63	19.5	0
20	64QAM	50	24	17.86	17.93	17.87		
20	64QAM	50	50	17.56	17.52	17.73		
20	64QAM	100	0	17.71	17.88	17.68		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.71	17.86	17.88	19.5	0
15	QPSK	1	37	17.60	17.51	17.79		
15	QPSK	1	74	17.65	17.88	17.70		
15	QPSK	36	0	17.78	17.72	17.80	19.5	0
15	QPSK	36	20	17.55	17.50	17.74		
15	QPSK	36	39	17.64	17.72	17.73		
15	QPSK	75	0	17.59	17.70	17.97		
15	16QAM	1	0	17.71	17.59	17.69	19.5	0
15	16QAM	1	37	17.68	17.57	17.64		
15	16QAM	1	74	17.58	17.89	17.78		
15	16QAM	36	0	17.53	17.71	17.61	19.5	0
15	16QAM	36	20	17.54	17.62	17.67		
15	16QAM	36	39	17.75	17.92	17.74		
15	16QAM	75	0	17.54	17.62	17.50		
15	64QAM	1	0	17.52	17.69	17.58	19.5	0
15	64QAM	1	37	17.81	17.78	17.68		
15	64QAM	1	74	17.51	17.73	17.66		
15	64QAM	36	0	17.56	17.68	17.57	19.5	0
15	64QAM	36	20	17.64	17.76	17.83		
15	64QAM	36	39	17.63	17.75	17.54		
15	64QAM	75	0	17.70	17.69	17.63		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.77	17.92	18.00	19.5	0
10	QPSK	1	25	17.61	17.72	17.77		
10	QPSK	1	49	17.61	17.87	17.51		
10	QPSK	25	0	17.66	17.71	17.79	19.5	0
10	QPSK	25	12	17.69	17.57	17.59		
10	QPSK	25	25	17.71	17.61	17.68		
10	QPSK	50	0	17.51	17.65	17.90		
10	16QAM	1	0	17.63	17.68	17.55	19.5	0
10	16QAM	1	25	17.63	17.68	17.66		
10	16QAM	1	49	17.65	17.82	17.65		
10	16QAM	25	0	17.56	17.51	17.73	19.5	0
10	16QAM	25	12	17.59	17.59	17.62		
10	16QAM	25	25	17.72	17.87	17.79		
10	16QAM	50	0	17.74	17.73	17.72		
10	64QAM	1	0	17.59	17.68	17.73	19.5	0
10	64QAM	1	25	17.77	17.83	17.82		
10	64QAM	1	49	17.51	17.60	17.73		
10	64QAM	25	0	17.60	17.74	17.59	19.5	0
10	64QAM	25	12	17.77	17.83	17.68		
10	64QAM	25	25	17.66	17.68	17.70		
10	64QAM	50	0	17.65	17.80	17.69		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.85	17.75	17.95	19.5	0
5	QPSK	1	12	17.57	17.67	17.62		
5	QPSK	1	24	17.53	17.88	17.53		
5	QPSK	12	0	17.73	17.64	17.72	19.5	0
5	QPSK	12	7	17.61	17.65	17.65		
5	QPSK	12	13	17.60	17.72	17.62		
5	QPSK	25	0	17.62	17.70	17.86		
5	16QAM	1	0	17.60	17.58	17.60	19.5	0
5	16QAM	1	12	17.50	17.69	17.55		
5	16QAM	1	24	17.66	17.75	17.81		
5	16QAM	12	0	17.74	17.53	17.58	19.5	0
5	16QAM	12	7	17.74	17.68	17.70		
5	16QAM	12	13	17.56	17.77	17.70		
5	16QAM	25	0	17.66	17.51	17.53		
5	64QAM	1	0	17.51	17.81	17.53	19.5	0
5	64QAM	1	12	17.73	17.86	17.77		
5	64QAM	1	24	17.52	17.52	17.53		
5	64QAM	12	0	17.70	17.59	17.62	19.5	0
5	64QAM	12	7	17.67	17.81	17.74		
5	64QAM	12	13	17.50	17.60	17.53		
5	64QAM	25	0	17.65	17.82	17.63		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.78	17.81	17.83	19.5	0
3	QPSK	1	8	17.55	17.63	17.60		
3	QPSK	1	14	17.57	17.88	17.65		
3	QPSK	8	0	17.82	17.70	17.86	19.5	0
3	QPSK	8	4	17.53	17.56	17.66		
3	QPSK	8	7	17.57	17.59	17.65		
3	QPSK	15	0	17.62	17.68	17.56		
3	16QAM	1	0	17.55	17.54	17.68	19.5	0
3	16QAM	1	8	17.59	17.75	17.69		
3	16QAM	1	14	17.60	17.82	17.69		
3	16QAM	8	0	17.68	17.51	17.62	19.5	0
3	16QAM	8	4	17.69	17.60	17.58		
3	16QAM	8	7	17.59	17.74	17.82		
3	16QAM	15	0	17.65	17.53	17.58		
3	64QAM	1	0	17.54	17.74	17.71	19.5	0
3	64QAM	1	8	17.67	17.83	17.78		
3	64QAM	1	14	17.51	17.56	17.62		
3	64QAM	8	0	17.50	17.66	17.68	19.5	0
3	64QAM	8	4	17.82	17.76	17.75		
3	64QAM	8	7	17.63	17.52	17.52		
3	64QAM	15	0	17.54	17.85	17.52		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.76	17.91	17.91	19.5	0
1.4	QPSK	1	3	17.61	17.56	17.70		
1.4	QPSK	1	5	17.53	17.72	17.75		
1.4	QPSK	3	0	17.70	17.76	17.80		
1.4	QPSK	3	1	17.62	17.65	17.55		
1.4	QPSK	3	3	17.54	17.60	17.50		
1.4	QPSK	6	0	17.68	17.64	17.99	19.5	0
1.4	16QAM	1	0	17.63	17.71	17.63	19.5	0
1.4	16QAM	1	3	17.58	17.72	17.63		
1.4	16QAM	1	5	17.64	17.77	17.67		
1.4	16QAM	3	0	17.62	17.54	17.56		
1.4	16QAM	3	1	17.56	17.71	17.69		
1.4	16QAM	3	3	17.72	17.87	17.63		
1.4	16QAM	6	0	17.54	17.68	17.67	19.5	0
1.4	64QAM	1	0	17.70	17.74	17.51	19.5	0
1.4	64QAM	1	3	17.77	17.85	17.79		
1.4	64QAM	1	5	17.73	17.65	17.64		
1.4	64QAM	3	0	17.58	17.58	17.62		
1.4	64QAM	3	1	17.73	17.87	17.69		
1.4	64QAM	3	3	17.69	17.52	17.53		
1.4	64QAM	6	0	17.53	17.89	17.72	19.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.83	22.88	22.81	24	0
10	QPSK	1	25	22.72	22.79	22.66		
10	QPSK	1	49	22.67	22.81	22.66		
10	QPSK	25	0	21.82	21.89	21.77	23	1
10	QPSK	25	12	21.79	21.87	21.82		
10	QPSK	25	25	21.70	21.80	21.76		
10	QPSK	50	0	21.75	21.86	21.79		
10	16QAM	1	0	21.77	21.81	21.77	23	1
10	16QAM	1	25	21.64	21.75	21.71		
10	16QAM	1	49	21.65	21.78	21.65		
10	16QAM	25	0	20.74	20.83	20.70	22	2
10	16QAM	25	12	20.71	20.81	20.75		
10	16QAM	25	25	20.75	20.81	20.68		
10	16QAM	50	0	20.75	20.80	20.74		
10	64QAM	1	0	20.83	20.89	20.80	22	2
10	64QAM	1	25	20.89	20.98	20.93		
10	64QAM	1	49	20.88	20.92	20.88		
10	64QAM	25	0	19.76	19.85	19.75	21	3
10	64QAM	25	12	19.68	19.81	19.69		
10	64QAM	25	25	19.71	19.80	19.75		
10	64QAM	50	0	19.72	19.82	19.76		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.73	22.81	22.72	24	0
5	QPSK	1	12	22.58	22.75	22.60		
5	QPSK	1	24	22.55	22.76	22.59		
5	QPSK	12	0	21.74	21.85	21.66	23	1
5	QPSK	12	7	21.70	21.79	21.78		
5	QPSK	12	13	21.55	21.65	21.67		
5	QPSK	25	0	21.63	21.76	21.68		
5	16QAM	1	0	21.65	21.72	21.73	23	1
5	16QAM	1	12	21.49	21.60	21.56		
5	16QAM	1	24	21.57	21.70	21.52		
5	16QAM	12	0	20.62	20.79	20.59	22	2
5	16QAM	12	7	20.60	20.74	20.66		
5	16QAM	12	13	20.70	20.68	20.63		
5	16QAM	25	0	20.60	20.76	20.64		
5	64QAM	1	0	20.73	20.81	20.75	22	2
5	64QAM	1	12	20.74	20.85	20.80		
5	64QAM	1	24	20.74	20.82	20.74		
5	64QAM	12	0	19.63	19.78	19.71	21	3
5	64QAM	12	7	19.58	19.76	19.56		
5	64QAM	12	13	19.64	19.70	19.67		
5	64QAM	25	0	19.59	19.79	19.62		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.71	22.83	22.67	24	0
3	QPSK	1	8	22.68	22.75	22.59		
3	QPSK	1	14	22.61	22.69	22.54		
3	QPSK	8	0	21.72	21.85	21.63	23	1
3	QPSK	8	4	21.74	21.79	21.67		
3	QPSK	8	7	21.57	21.69	21.66		
3	QPSK	15	0	21.65	21.79	21.72		
3	16QAM	1	0	21.68	21.73	21.68	23	1
3	16QAM	1	8	21.51	21.71	21.62		
3	16QAM	1	14	21.50	21.70	21.59		
3	16QAM	8	0	20.64	20.77	20.58	22	2
3	16QAM	8	4	20.61	20.72	20.68		
3	16QAM	8	7	20.62	20.72	20.58		
3	16QAM	15	0	20.72	20.76	20.69		
3	64QAM	1	0	20.79	20.81	20.72	22	2
3	64QAM	1	8	20.83	20.92	20.86		
3	64QAM	1	14	20.76	20.85	20.74		
3	64QAM	8	0	19.66	19.72	19.60	21	3
3	64QAM	8	4	19.59	19.76	19.61		
3	64QAM	8	7	19.58	19.68	19.71		
3	64QAM	15	0	19.59	19.77	19.66		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.80	22.78	22.63	24	0
1.4	QPSK	1	3	22.60	22.79	22.63		
1.4	QPSK	1	5	22.48	22.65	22.57		
1.4	QPSK	3	0	22.47	22.68	22.55		
1.4	QPSK	3	1	22.70	22.78	22.70		
1.4	QPSK	3	3	22.49	22.73	22.59		
1.4	QPSK	6	0	21.69	21.87	21.70	23	1
1.4	16QAM	1	0	21.72	21.85	21.77	23	1
1.4	16QAM	1	3	21.65	21.74	21.63		
1.4	16QAM	1	5	21.57	21.66	21.61		
1.4	16QAM	3	0	21.73	21.64	21.51		
1.4	16QAM	3	1	21.52	21.51	21.57		
1.4	16QAM	3	3	21.51	21.61	21.68		
1.4	16QAM	6	0	20.68	20.72	20.65	22	2
1.4	64QAM	1	0	20.66	20.74	20.67	22	2
1.4	64QAM	1	3	20.78	20.62	20.52		
1.4	64QAM	1	5	20.60	20.75	20.48		
1.4	64QAM	3	0	20.88	20.87	20.82		
1.4	64QAM	3	1	20.79	20.82	20.82		
1.4	64QAM	3	3	20.68	20.70	20.63		
1.4	64QAM	6	0	19.76	19.93	19.97	21	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.90	22.99	22.94	24	0
20	QPSK	1	49	22.88	22.89	22.87		
20	QPSK	1	99	22.85	22.91	22.81		
20	QPSK	50	0	21.84	22.04	21.96	23	1
20	QPSK	50	24	21.85	21.99	21.86		
20	QPSK	50	50	21.75	21.88	21.85		
20	QPSK	100	0	21.78	21.92	21.90		
20	16QAM	1	0	21.76	21.85	21.80	23	1
20	16QAM	1	49	21.83	21.87	21.83		
20	16QAM	1	99	21.71	21.81	21.68		
20	16QAM	50	0	20.74	20.83	20.80	22	2
20	16QAM	50	24	20.82	20.88	20.78		
20	16QAM	50	50	20.93	20.98	20.81		
20	16QAM	100	0	20.84	20.90	20.80		
20	64QAM	1	0	20.75	20.83	20.80	22	2
20	64QAM	1	49	21.06	21.06	21.03		
20	64QAM	1	99	20.92	21.00	20.94		
20	64QAM	50	0	19.96	20.03	20.01	21	3
20	64QAM	50	24	20.03	20.11	20.02		
20	64QAM	50	50	20.03	20.17	20.12		
20	64QAM	100	0	19.86	19.97	19.92		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.86	22.93	22.89	24	0
15	QPSK	1	37	22.78	22.85	22.79		
15	QPSK	1	74	22.75	22.79	22.71		
15	QPSK	36	0	21.71	21.99	21.86	23	1
15	QPSK	36	20	21.78	21.94	21.77		
15	QPSK	36	39	21.64	21.74	21.82		
15	QPSK	75	0	21.72	21.79	21.81		
15	16QAM	1	0	21.71	21.81	21.72	23	1
15	16QAM	1	37	21.68	21.78	21.78		
15	16QAM	1	74	21.64	21.72	21.62		
15	16QAM	36	0	20.60	20.69	20.68	22	2
15	16QAM	36	20	20.67	20.85	20.64		
15	16QAM	36	39	20.86	20.92	20.75		
15	16QAM	75	0	20.74	20.77	20.76		
15	64QAM	1	0	20.61	20.71	20.67	22	2
15	64QAM	1	37	21.01	20.93	20.96		
15	64QAM	1	74	20.78	20.87	20.91		
15	64QAM	36	0	19.93	19.96	19.96	21	3
15	64QAM	36	20	19.88	20.03	19.99		
15	64QAM	36	39	19.98	20.05	19.98		
15	64QAM	75	0	19.75	19.91	19.84		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.82	22.88	22.82	24	0
10	QPSK	1	25	22.75	22.85	22.80		
10	QPSK	1	49	22.76	22.85	22.75		
10	QPSK	25	0	21.73	21.98	21.84	23	1
10	QPSK	25	12	21.74	21.86	21.81		
10	QPSK	25	25	21.67	21.76	21.78		
10	QPSK	50	0	21.66	21.80	21.86		
10	16QAM	1	0	21.64	21.79	21.67	23	1
10	16QAM	1	25	21.70	21.75	21.71		
10	16QAM	1	49	21.64	21.66	21.54		
10	16QAM	25	0	20.69	20.74	20.66	22	2
10	16QAM	25	12	20.78	20.80	20.69		
10	16QAM	25	25	20.86	20.84	20.77		
10	16QAM	50	0	20.78	20.86	20.65		
10	64QAM	1	0	20.64	20.79	20.68	22	2
10	64QAM	1	25	20.92	20.95	20.96		
10	64QAM	1	49	20.80	20.95	20.84		
10	64QAM	25	0	19.83	19.92	19.87	21	3
10	64QAM	25	12	19.91	20.01	19.88		
10	64QAM	25	25	19.89	20.10	20.07		
10	64QAM	50	0	19.81	19.87	19.88		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.87	22.94	22.85	24	0
5	QPSK	1	12	22.83	22.82	22.77		
5	QPSK	1	24	22.72	22.84	22.67		
5	QPSK	12	0	21.78	21.96	21.93	23	1
5	QPSK	12	7	21.73	21.88	21.77		
5	QPSK	12	13	21.71	21.82	21.72		
5	QPSK	25	0	21.64	21.89	21.76		
5	16QAM	1	0	21.72	21.71	21.72	23	1
5	16QAM	1	12	21.72	21.75	21.73		
5	16QAM	1	24	21.64	21.72	21.61		
5	16QAM	12	0	20.66	20.68	20.70	22	2
5	16QAM	12	7	20.73	20.85	20.73		
5	16QAM	12	13	20.88	20.86	20.75		
5	16QAM	25	0	20.77	20.84	20.73		
5	64QAM	1	0	20.67	20.75	20.77	22	2
5	64QAM	1	12	20.93	20.92	20.92		
5	64QAM	1	24	20.87	20.88	20.81		
5	64QAM	12	0	19.87	19.97	19.86	21	3
5	64QAM	12	7	19.93	20.07	19.99		
5	64QAM	12	13	19.99	20.06	20.08		
5	64QAM	25	0	19.73	19.91	19.80		

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BW [MHz]	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	22.82	22.87	22.78	24	0
20	QPSK	1	49	22.71	22.75	22.65		
20	QPSK	1	99	22.70	22.76	22.78		
20	QPSK	50	0	21.71	21.82	21.70	23	1
20	QPSK	50	24	21.66	21.73	21.62		
20	QPSK	50	50	21.69	21.79	21.63		
20	QPSK	100	0	21.67	21.70	21.64		
20	16QAM	1	0	21.57	21.66	21.67	23	1
20	16QAM	1	49	21.52	21.70	21.54		
20	16QAM	1	99	21.45	21.52	21.44		
20	16QAM	50	0	20.76	20.85	20.75	22	2
20	16QAM	50	24	20.61	20.77	20.64		
20	16QAM	50	50	20.68	20.78	20.71		
20	16QAM	100	0	20.67	20.74	20.66		
20	64QAM	1	0	20.31	20.43	20.34	22	2
20	64QAM	1	49	20.42	20.53	20.48		
20	64QAM	1	99	20.48	20.49	20.43		
20	64QAM	50	0	19.84	19.89	19.86	21	3
20	64QAM	50	24	19.81	19.90	19.80		
20	64QAM	50	50	19.86	19.91	19.78		
20	64QAM	100	0	19.74	19.92	19.82		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.72	22.78	22.74	24	0
15	QPSK	1	37	22.62	22.61	22.51		
15	QPSK	1	74	22.60	22.67	22.69		
15	QPSK	36	0	21.59	21.71	21.66	23	1
15	QPSK	36	20	21.56	21.61	21.49		
15	QPSK	36	39	21.61	21.72	21.51		
15	QPSK	75	0	21.62	21.61	21.55		
15	16QAM	1	0	21.48	21.52	21.63	23	1
15	16QAM	1	37	21.37	21.63	21.45		
15	16QAM	1	74	21.32	21.41	21.35		
15	16QAM	36	0	20.68	20.75	20.71	22	2
15	16QAM	36	20	20.47	20.71	20.52		
15	16QAM	36	39	20.53	20.66	20.63		
15	16QAM	75	0	20.53	20.62	20.57		
15	64QAM	1	0	20.27	20.40	20.23	22	2
15	64QAM	1	37	20.34	20.44	20.43		
15	64QAM	1	74	20.35	20.38	20.28		
15	64QAM	36	0	19.73	19.77	19.78	21	3
15	64QAM	36	20	19.76	19.79	19.74		
15	64QAM	36	39	19.81	19.87	19.65		
15	64QAM	75	0	19.67	19.85	19.78		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.73	22.74	22.74	24	0
10	QPSK	1	25	22.61	22.67	22.51		
10	QPSK	1	49	22.63	22.69	22.66		
10	QPSK	25	0	21.58	21.74	21.60	23	1
10	QPSK	25	12	21.52	21.59	21.58		
10	QPSK	25	25	21.63	21.64	21.59		
10	QPSK	50	0	21.63	21.59	21.60		
10	16QAM	1	0	21.43	21.59	21.61	23	1
10	16QAM	1	25	21.38	21.62	21.50		
10	16QAM	1	49	21.35	21.39	21.40		
10	16QAM	25	0	20.62	20.75	20.64	22	2
10	16QAM	25	12	20.53	20.74	20.56		
10	16QAM	25	25	20.58	20.73	20.63		
10	16QAM	50	0	20.57	20.60	20.52		
10	64QAM	1	0	20.20	20.34	20.24	22	2
10	64QAM	1	25	20.27	20.48	20.38		
10	64QAM	1	49	20.34	20.40	20.34		
10	64QAM	25	0	19.75	19.83	19.74	21	3
10	64QAM	25	12	19.71	19.76	19.71		
10	64QAM	25	25	19.73	19.80	19.67		
10	64QAM	50	0	19.60	19.84	19.77		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.70	22.81	22.68	24	0
5	QPSK	1	12	22.58	22.70	22.52		
5	QPSK	1	24	22.60	22.63	22.66		
5	QPSK	12	0	21.67	21.72	21.58	23	1
5	QPSK	12	7	21.59	21.69	21.48		
5	QPSK	12	13	21.55	21.75	21.59		
5	QPSK	25	0	21.60	21.56	21.53		
5	16QAM	1	0	21.51	21.53	21.58	23	1
5	16QAM	1	12	21.43	21.55	21.48		
5	16QAM	1	24	21.30	21.49	21.30		
5	16QAM	12	0	20.71	20.77	20.67	22	2
5	16QAM	12	7	20.48	20.68	20.56		
5	16QAM	12	13	20.55	20.74	20.64		
5	16QAM	25	0	20.61	20.70	20.57		
5	64QAM	1	0	20.22	20.34	20.30	22	2
5	64QAM	1	12	20.31	20.43	20.38		
5	64QAM	1	24	20.37	20.44	20.28		
5	64QAM	12	0	19.76	19.76	19.83	21	3
5	64QAM	12	7	19.68	19.84	19.71		
5	64QAM	12	13	19.78	19.78	19.73		
5	64QAM	25	0	19.66	19.87	19.68		

Band 41 Ant2 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	22.81	22.70	22.89	22.77	22.75	24	0
20	QPSK	1	49	22.73	22.74	22.80	22.80	22.76		
20	QPSK	1	99	22.60	22.72	22.76	22.71	22.74		
20	QPSK	50	0	21.80	21.70	21.84	21.67	21.62	23	1
20	QPSK	50	24	21.75	21.71	21.73	21.71	21.75		
20	QPSK	50	50	21.83	21.76	21.76	21.70	21.73		
20	QPSK	100	0	21.76	21.68	21.78	21.72	21.75		
20	16QAM	1	0	21.65	21.67	21.73	21.65	21.72	23	1
20	16QAM	1	49	21.78	21.78	21.75	21.73	21.73		
20	16QAM	1	99	21.79	21.70	21.76	21.71	21.63		
20	16QAM	50	0	20.81	20.69	20.76	20.68	20.65	22	2
20	16QAM	50	24	20.74	20.72	20.77	20.69	20.73		
20	16QAM	50	50	20.74	20.67	20.81	20.70	20.71		
20	16QAM	100	0	20.82	20.63	20.77	20.68	20.76		
20	64QAM	1	0	20.32	20.36	20.51	20.49	20.45	22	2
20	64QAM	1	49	20.52	20.44	20.47	20.44	20.53		
20	64QAM	1	99	20.48	20.37	20.50	20.37	20.38		
20	64QAM	50	0	19.92	19.74	19.92	19.79	19.93	21	3
20	64QAM	50	24	19.96	19.89	19.96	19.81	19.80		
20	64QAM	50	50	19.83	19.81	19.83	19.85	19.66		
20	64QAM	100	0	19.89	19.83	19.85	19.78	19.81		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.66	22.64	22.80	22.71	22.61	24	0
15	QPSK	1	37	22.67	22.68	22.69	22.66	22.66		
15	QPSK	1	74	22.56	22.60	22.62	22.59	22.67		
15	QPSK	36	0	21.72	21.57	21.71	21.55	21.52	23	1
15	QPSK	36	20	21.64	21.62	21.67	21.60	21.60		
15	QPSK	36	39	21.71	21.68	21.65	21.58	21.62		
15	QPSK	75	0	21.66	21.57	21.72	21.63	21.68		
15	16QAM	1	0	21.60	21.62	21.67	21.51	21.65	23	1
15	16QAM	1	37	21.69	21.67	21.63	21.61	21.70		
15	16QAM	1	74	21.72	21.57	21.70	21.66	21.51		
15	16QAM	36	0	20.73	20.55	20.64	20.61	20.57	22	2
15	16QAM	36	20	20.65	20.64	20.63	20.54	20.66		
15	16QAM	36	39	20.62	20.62	20.76	20.63	20.60		
15	16QAM	75	0	20.69	20.58	20.72	20.54	20.68		
15	64QAM	1	0	20.18	20.29	20.48	20.37	20.39	22	2
15	64QAM	1	37	20.44	20.29	20.39	20.38	20.46		
15	64QAM	1	74	20.34	20.31	20.36	20.30	20.25		
15	64QAM	36	0	19.79	19.68	19.79	19.65	19.87	21	3
15	64QAM	36	20	19.83	19.80	19.85	19.75	19.74		
15	64QAM	36	39	19.70	19.78	19.72	19.79	19.52		
15	64QAM	75	0	19.78	19.79	19.71	19.70	19.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.73	22.64	22.76	22.68	22.63	24.00	0
10	QPSK	1	25	22.62	22.61	22.73	22.75	22.68		
10	QPSK	1	49	22.50	22.68	22.70	22.63	22.69		
10	QPSK	25	0	21.75	21.64	21.74	21.60	21.57	23	1
10	QPSK	25	12	21.65	21.64	21.63	21.63	21.68		
10	QPSK	25	25	21.75	21.66	21.69	21.62	21.68		
10	QPSK	50	0	21.72	21.56	21.64	21.64	21.68		
10	16QAM	1	0	21.53	21.56	21.64	21.61	21.62	23	1
10	16QAM	1	25	21.67	21.71	21.60	21.59	21.60		
10	16QAM	1	49	21.73	21.60	21.66	21.64	21.60		
10	16QAM	25	0	20.78	20.58	20.71	20.53	20.51	22	2
10	16QAM	25	12	20.62	20.67	20.64	20.63	20.70		
10	16QAM	25	25	20.69	20.63	20.72	20.65	20.59		
10	16QAM	50	0	20.78	20.55	20.71	20.58	20.65		
10	64QAM	1	0	20.25	20.32	20.45	20.37	20.34	22	2
10	64QAM	1	25	20.37	20.30	20.43	20.36	20.42		
10	64QAM	1	49	20.37	20.25	20.45	20.27	20.28		
10	64QAM	25	0	19.81	19.62	19.78	19.74	19.82	21	3
10	64QAM	25	12	19.89	19.79	19.88	19.70	19.74		
10	64QAM	25	25	19.78	19.69	19.77	19.80	19.57		
10	64QAM	50	0	19.81	19.71	19.71	19.69	19.68		
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	22.74	22.55	22.81	22.69	22.68	24.00	0
5	QPSK	1	12	22.65	22.64	22.69	22.77	22.64		
5	QPSK	1	24	22.54	22.61	22.61	22.58	22.69		
5	QPSK	12	0	21.69	21.64	21.80	21.55	21.53	23	1
5	QPSK	12	7	21.62	21.60	21.66	21.65	21.71		
5	QPSK	12	13	21.71	21.68	21.70	21.59	21.65		
5	QPSK	25	0	21.67	21.60	21.65	21.57	21.69		
5	16QAM	1	0	21.60	21.52	21.66	21.56	21.63	23	1
5	16QAM	1	12	21.65	21.69	21.62	21.67	21.67		
5	16QAM	1	24	21.73	21.58	21.67	21.60	21.53		
5	16QAM	12	0	20.76	20.61	20.62	20.62	20.61	22	2
5	16QAM	12	7	20.69	20.65	20.70	20.54	20.68		
5	16QAM	12	13	20.70	20.63	20.71	20.57	20.58		
5	16QAM	25	0	20.68	20.57	20.69	20.64	20.68		
5	64QAM	1	0	20.25	20.32	20.41	20.37	20.38	22	2
5	64QAM	1	12	20.46	20.41	20.42	20.31	20.43		
5	64QAM	1	24	20.36	20.31	20.41	20.29	20.30		
5	64QAM	12	0	19.83	19.68	19.82	19.73	19.79	21	3
5	64QAM	12	7	19.91	19.79	19.82	19.70	19.77		
5	64QAM	12	13	19.75	19.73	19.72	19.72	19.61		
5	64QAM	25	0	19.77	19.72	19.77	19.67	19.73		

GSM850 Ant7 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.32	31.38	31.36	32.50	22.32	22.38	22.36	23.50
GPRS 1 Tx slot	31.31	31.35	31.22	32.50	22.31	22.35	22.22	23.50
GPRS 2 Tx slots	30.35	30.42	30.36	31.50	24.35	24.42	24.36	25.50
GPRS 3 Tx slots	28.53	28.61	28.51	29.50	24.27	24.35	24.25	25.24
GPRS 4 Tx slots	27.36	27.47	27.34	28.50	24.36	24.47	24.34	25.50
EDGE 1 Tx slot	25.68	25.78	25.74	26.50	16.68	16.78	16.74	17.50
EDGE 2 Tx slots	24.59	24.73	24.59	25.50	18.59	18.73	18.59	19.50
EDGE 3 Tx slots	22.53	22.63	22.58	23.50	18.27	18.37	18.32	19.24
EDGE 4 Tx slots	21.30	21.38	21.34	22.50	18.30	18.38	18.34	19.50

GSM1900 Ant7 DSI7

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	25.80	25.87	25.80	27.50	16.80	16.87	16.80	18.50
GPRS 1 Tx slot	25.72	25.84	25.76	27.50	16.72	16.84	16.76	18.50
GPRS 2 Tx slots	25.09	25.23	25.16	26.50	19.09	19.23	19.16	20.50
GPRS 3 Tx slots	23.35	23.49	23.39	25.00	19.09	19.23	19.13	20.74
GPRS 4 Tx slots	22.32	22.44	22.37	24.00	19.32	19.44	19.37	21.00
EDGE 1 Tx slot	22.28	22.43	22.26	24.00	13.28	13.43	13.26	15.00
EDGE 2 Tx slots	21.32	21.41	21.28	23.00	15.32	15.41	15.28	17.00
EDGE 3 Tx slots	19.22	19.34	19.25	21.00	14.96	15.08	14.99	16.74
EDGE 4 Tx slots	17.99	18.03	17.94	19.50	14.99	15.03	14.94	16.50

		WCDMA II Ant7 Default				WCDMA IV Ant7 Default				WCDMA V Ant7 Default			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.70	20.75	20.67	22.00	20.85	21.11	21.07	22.00	21.50	21.68	21.65	23.00
3GPP Rel 99	RMC 12.2Kbps	20.77	20.80	20.73	22.00	20.99	21.19	21.14	22.00	21.59	21.75	21.68	23.00
3GPP Rel 6	HSDPA Subtest-1	19.82	20.00	19.78	21.00	20.08	20.21	20.02	21.00	20.71	20.85	20.61	22.00
3GPP Rel 6	HSDPA Subtest-2	19.72	19.76	19.69	21.00	19.99	20.01	19.99	21.00	20.62	20.60	20.54	22.00
3GPP Rel 6	HSDPA Subtest-3	19.10	19.22	19.05	20.50	19.38	19.46	19.33	20.50	19.98	20.09	19.96	21.50
3GPP Rel 6	HSDPA Subtest-4	19.33	19.37	19.35	20.50	19.66	19.56	19.60	20.50	20.19	20.16	20.15	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.79	19.81	19.77	21.00	20.01	20.09	20.09	21.00	20.65	20.73	20.68	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.63	19.66	19.62	21.00	19.91	19.97	19.83	21.00	20.46	20.51	20.45	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.98	19.09	18.97	20.50	19.21	19.39	19.21	20.50	19.86	19.99	19.79	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.12	19.09	19.03	20.50	19.31	19.49	19.29	20.50	19.93	20.04	19.93	21.50
3GPP Rel 6	HSUPA Subtest-1	19.75	19.95	19.67	21.00	20.06	20.19	19.99	21.00	20.65	20.76	20.60	22.00
3GPP Rel 6	HSUPA Subtest-2	17.73	18.01	17.87	19.00	18.02	18.18	18.19	19.00	18.66	18.82	18.80	20.00
3GPP Rel 6	HSUPA Subtest-3	18.86	19.03	18.98	20.00	18.99	19.26	19.23	20.00	19.64	19.86	19.82	21.00
3GPP Rel 6	HSUPA Subtest-4	17.75	17.87	17.67	19.00	17.99	18.16	17.93	19.00	18.64	18.73	18.55	20.00
3GPP Rel 6	HSUPA Subtest-5	19.56	19.68	19.70	21.00	19.98	20.02	19.94	21.00	20.51	20.64	20.55	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.29	17.43	17.35	18.50	17.61	17.74	17.55	18.50	18.17	18.28	18.17	19.50

Band 2 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.49	20.55	20.40	22	0
20	QPSK	1	49	20.47	20.51	20.36		
20	QPSK	1	99	20.26	20.39	20.30		
20	QPSK	50	0	19.42	19.54	19.41	21	1
20	QPSK	50	24	19.41	19.50	19.42		
20	QPSK	50	50	19.34	19.42	19.30		
20	QPSK	100	0	19.33	19.45	19.31		
20	16QAM	1	0	19.22	19.34	19.27	21	1
20	16QAM	1	49	19.30	19.36	19.26		
20	16QAM	1	99	19.22	19.31	19.26		
20	16QAM	50	0	18.39	18.46	18.32	20	2
20	16QAM	50	24	18.44	18.51	18.46		
20	16QAM	50	50	18.36	18.40	18.25		
20	16QAM	100	0	18.39	18.42	18.30		
20	64QAM	1	0	18.53	18.64	18.56	20	2
20	64QAM	1	49	18.47	18.60	18.49		
20	64QAM	1	99	18.35	18.49	18.37		
20	64QAM	50	0	17.58	17.64	17.57	19	3
20	64QAM	50	24	17.55	17.65	17.50		
20	64QAM	50	50	17.45	17.54	17.49		
20	64QAM	100	0	17.51	17.60	17.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.42	20.47	20.29	22	0
15	QPSK	1	37	20.43	20.43	20.22		
15	QPSK	1	74	20.12	20.27	20.24		
15	QPSK	36	0	19.32	19.45	19.32	21	1
15	QPSK	36	20	19.30	19.38	19.32		
15	QPSK	36	39	19.26	19.35	19.21		
15	QPSK	75	0	19.22	19.36	19.19		
15	16QAM	1	0	19.12	19.24	19.21	21	1
15	16QAM	1	37	19.23	19.24	19.15		
15	16QAM	1	74	19.17	19.20	19.13		
15	16QAM	36	0	18.34	18.41	18.28	20	2
15	16QAM	36	20	18.40	18.42	18.34		
15	16QAM	36	39	18.32	18.37	18.18		
15	16QAM	75	0	18.31	18.27	18.19		
15	64QAM	1	0	18.38	18.49	18.50	20	2
15	64QAM	1	37	18.35	18.52	18.36		
15	64QAM	1	74	18.21	18.40	18.23		
15	64QAM	36	0	17.46	17.58	17.53	19	3
15	64QAM	36	20	17.49	17.57	17.44		
15	64QAM	36	39	17.33	17.45	17.39		
15	64QAM	75	0	17.38	17.56	17.41		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.35	20.45	20.29	22	0
10	QPSK	1	25	20.41	20.40	20.21		
10	QPSK	1	49	20.11	20.28	20.17		
10	QPSK	25	0	19.28	19.46	19.29	21	1
10	QPSK	25	12	19.36	19.39	19.31		
10	QPSK	25	25	19.20	19.31	19.22		
10	QPSK	50	0	19.30	19.40	19.17		
10	16QAM	1	0	19.17	19.26	19.18	21	1
10	16QAM	1	25	19.26	19.33	19.21		
10	16QAM	1	49	19.07	19.20	19.14		
10	16QAM	25	0	18.36	18.34	18.28	20	2
10	16QAM	25	12	18.35	18.43	18.33		
10	16QAM	25	25	18.23	18.32	18.19		
10	16QAM	50	0	18.28	18.37	18.20		
10	64QAM	1	0	18.41	18.58	18.41	20	2
10	64QAM	1	25	18.37	18.46	18.41		
10	64QAM	1	49	18.21	18.44	18.33		
10	64QAM	25	0	17.44	17.53	17.47	19	3
10	64QAM	25	12	17.42	17.53	17.41		
10	64QAM	25	25	17.34	17.48	17.46		
10	64QAM	50	0	17.41	17.49	17.34		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.41	20.52	20.36	22	0
5	QPSK	1	12	20.38	20.47	20.33		
5	QPSK	1	24	20.11	20.26	20.23		
5	QPSK	12	0	19.36	19.44	19.28	21	1
5	QPSK	12	7	19.32	19.40	19.37		
5	QPSK	12	13	19.19	19.38	19.15		
5	QPSK	25	0	19.25	19.37	19.19		
5	16QAM	1	0	19.14	19.30	19.16	21	1
5	16QAM	1	12	19.19	19.30	19.12		
5	16QAM	1	24	19.18	19.20	19.17		
5	16QAM	12	0	18.35	18.39	18.21	20	2
5	16QAM	12	7	18.39	18.38	18.38		
5	16QAM	12	13	18.27	18.30	18.15		
5	16QAM	25	0	18.33	18.27	18.26		
5	64QAM	1	0	18.38	18.54	18.46	20	2
5	64QAM	1	12	18.39	18.54	18.37		
5	64QAM	1	24	18.20	18.36	18.26		
5	64QAM	12	0	17.48	17.52	17.48	19	3
5	64QAM	12	7	17.50	17.50	17.39		
5	64QAM	12	13	17.39	17.46	17.37		
5	64QAM	25	0	17.44	17.48	17.36		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.43	20.50	20.28	22	0
3	QPSK	1	8	20.42	20.37	20.21		
3	QPSK	1	14	20.17	20.31	20.27		
3	QPSK	8	0	19.31	19.39	19.32	21	1
3	QPSK	8	4	19.36	19.40	19.29		
3	QPSK	8	7	19.19	19.32	19.15		
3	QPSK	15	0	19.25	19.33	19.21		
3	16QAM	1	0	19.17	19.28	19.22	21	1
3	16QAM	1	8	19.25	19.24	19.20		
3	16QAM	1	14	19.11	19.18	19.22		
3	16QAM	8	0	18.24	18.37	18.20	20	2
3	16QAM	8	4	18.29	18.43	18.32		
3	16QAM	8	7	18.28	18.33	18.22		
3	16QAM	15	0	18.26	18.29	18.17		
3	64QAM	1	0	18.47	18.53	18.47	20	2
3	64QAM	1	8	18.39	18.53	18.42		
3	64QAM	1	14	18.30	18.44	18.27		
3	64QAM	8	0	17.55	17.49	17.43	19	3
3	64QAM	8	4	17.49	17.62	17.43		
3	64QAM	8	7	17.37	17.49	17.43		
3	64QAM	15	0	17.45	17.47	17.43		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.37	20.45	20.37	22	0
1.4	QPSK	1	3	20.40	20.39	20.24		
1.4	QPSK	1	5	20.12	20.32	20.20		
1.4	QPSK	3	0	20.35	20.41	20.35		
1.4	QPSK	3	1	20.38	20.38	20.27		
1.4	QPSK	3	3	20.23	20.35	20.25		
1.4	QPSK	6	0	19.29	19.51	19.32	21	1
1.4	16QAM	1	0	19.34	19.38	19.31	21	1
1.4	16QAM	1	3	19.20	19.39	19.22		
1.4	16QAM	1	5	19.26	19.36	19.26		
1.4	16QAM	3	0	19.12	19.25	19.20		
1.4	16QAM	3	1	19.27	19.23	19.21		
1.4	16QAM	3	3	19.18	19.20	19.18		
1.4	16QAM	6	0	18.30	18.40	18.27	20	2
1.4	64QAM	1	0	18.35	18.38	18.38	20	2
1.4	64QAM	1	3	18.23	18.28	18.16		
1.4	64QAM	1	5	18.24	18.37	18.24		
1.4	64QAM	3	0	18.44	18.59	18.44		
1.4	64QAM	3	1	18.34	18.45	18.39		
1.4	64QAM	3	3	18.31	18.46	18.34		
1.4	64QAM	6	0	17.52	17.59	17.39	19	3

Band 4 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.31	20.39	20.36	22	0
20	QPSK	1	49	20.29	20.35	20.21		
20	QPSK	1	99	20.14	20.20	20.15		
20	QPSK	50	0	19.34	19.38	19.25	21	1
20	QPSK	50	24	19.26	19.37	19.24		
20	QPSK	50	50	19.28	19.32	19.29		
20	QPSK	100	0	19.30	19.34	19.25		
20	16QAM	1	0	19.26	19.31	19.20	21	1
20	16QAM	1	49	19.21	19.26	19.14		
20	16QAM	1	99	19.23	19.29	19.21		
20	16QAM	50	0	18.45	18.51	18.44	20	2
20	16QAM	50	24	18.37	18.50	18.39		
20	16QAM	50	50	18.41	18.47	18.43		
20	16QAM	100	0	18.39	18.44	18.38		
20	64QAM	1	0	18.49	18.54	18.39	20	2
20	64QAM	1	49	18.41	18.46	18.31		
20	64QAM	1	99	18.42	18.47	18.39		
20	64QAM	50	0	17.45	17.51	17.39	19	3
20	64QAM	50	24	17.43	17.48	17.43		
20	64QAM	50	50	17.33	17.41	17.28		
20	64QAM	100	0	17.41	17.46	17.34		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.25	20.31	20.28	22	0
15	QPSK	1	37	20.20	20.25	20.11		
15	QPSK	1	74	20.04	20.10	20.01		
15	QPSK	36	0	19.29	19.25	19.20	21	1
15	QPSK	36	20	19.15	19.32	19.14		
15	QPSK	36	39	19.17	19.24	19.20		
15	QPSK	75	0	19.19	19.21	19.17		
15	16QAM	1	0	19.20	19.23	19.06	21	1
15	16QAM	1	37	19.10	19.18	19.09		
15	16QAM	1	74	19.15	19.24	19.12		
15	16QAM	36	0	18.41	18.47	18.37	20	2
15	16QAM	36	20	18.22	18.46	18.25		
15	16QAM	36	39	18.37	18.37	18.35		
15	16QAM	75	0	18.30	18.38	18.24		
15	64QAM	1	0	18.45	18.45	18.26	20	2
15	64QAM	1	37	18.26	18.41	18.22		
15	64QAM	1	74	18.36	18.44	18.35		
15	64QAM	36	0	17.30	17.42	17.36	19	3
15	64QAM	36	20	17.31	17.34	17.39		
15	64QAM	36	39	17.23	17.34	17.21		
15	64QAM	75	0	17.35	17.40	17.24		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.18	20.34	20.24	22	0
10	QPSK	1	25	20.25	20.32	20.09		
10	QPSK	1	49	20.07	20.13	20.05		
10	QPSK	25	0	19.25	19.24	19.14	21	1
10	QPSK	25	12	19.18	19.24	19.14		
10	QPSK	25	25	19.21	19.27	19.21		
10	QPSK	50	0	19.17	19.28	19.21		
10	16QAM	1	0	19.12	19.22	19.10	21	1
10	16QAM	1	25	19.07	19.23	19.06		
10	16QAM	1	49	19.20	19.18	19.18		
10	16QAM	25	0	18.40	18.42	18.34	20	2
10	16QAM	25	12	18.24	18.36	18.31		
10	16QAM	25	25	18.31	18.33	18.34		
10	16QAM	50	0	18.31	18.41	18.28		
10	64QAM	1	0	18.38	18.41	18.33	20	2
10	64QAM	1	25	18.33	18.35	18.18		
10	64QAM	1	49	18.31	18.40	18.29		
10	64QAM	25	0	17.33	17.44	17.31	19	3
10	64QAM	25	12	17.29	17.40	17.30		
10	64QAM	25	25	17.20	17.27	17.14		
10	64QAM	50	0	17.27	17.37	17.21		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.28	20.31	20.31	22	0
5	QPSK	1	12	20.15	20.29	20.07		
5	QPSK	1	24	20.06	20.16	20.05		
5	QPSK	12	0	19.25	19.30	19.19	21	1
5	QPSK	12	7	19.22	19.27	19.12		
5	QPSK	12	13	19.14	19.20	19.19		
5	QPSK	25	0	19.22	19.23	19.19		
5	16QAM	1	0	19.21	19.21	19.06	21	1
5	16QAM	1	12	19.11	19.17	19.06		
5	16QAM	1	24	19.15	19.15	19.14		
5	16QAM	12	0	18.34	18.42	18.36	20	2
5	16QAM	12	7	18.28	18.40	18.36		
5	16QAM	12	13	18.35	18.36	18.29		
5	16QAM	25	0	18.30	18.38	18.25		
5	64QAM	1	0	18.44	18.43	18.29	20	2
5	64QAM	1	12	18.29	18.38	18.22		
5	64QAM	1	24	18.33	18.40	18.25		
5	64QAM	12	0	17.32	17.40	17.30	19	3
5	64QAM	12	7	17.35	17.36	17.29		
5	64QAM	12	13	17.25	17.31	17.21		
5	64QAM	25	0	17.27	17.43	17.25		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.23	20.24	20.24	22	0
3	QPSK	1	8	20.21	20.27	20.08		
3	QPSK	1	14	20.07	20.13	20.09		
3	QPSK	8	0	19.26	19.30	19.13	21	1
3	QPSK	8	4	19.13	19.25	19.10		
3	QPSK	8	7	19.18	19.18	19.24		
3	QPSK	15	0	19.16	19.21	19.17		
3	16QAM	1	0	19.14	19.16	19.13	21	1
3	16QAM	1	8	19.11	19.14	19.11		
3	16QAM	1	14	19.10	19.19	19.08		
3	16QAM	8	0	18.41	18.37	18.39	20	2
3	16QAM	8	4	18.25	18.42	18.29		
3	16QAM	8	7	18.34	18.36	18.31		
3	16QAM	15	0	18.35	18.41	18.30		
3	64QAM	1	0	18.40	18.41	18.35	20	2
3	64QAM	1	8	18.34	18.40	18.25		
3	64QAM	1	14	18.38	18.41	18.33		
3	64QAM	8	0	17.31	17.47	17.34	19	3
3	64QAM	8	4	17.34	17.38	17.30		
3	64QAM	8	7	17.26	17.34	17.23		
3	64QAM	15	0	17.32	17.37	17.27		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.14	20.29	20.22	22	0
1.4	QPSK	1	3	20.19	20.21	20.06		
1.4	QPSK	1	5	19.91	20.08	20.02		
1.4	QPSK	3	0	20.15	20.27	20.21		
1.4	QPSK	3	1	20.19	20.24	20.03		
1.4	QPSK	3	3	20.09	20.22	20.04		
1.4	QPSK	6	0	19.04	19.26	19.14	21	1
1.4	16QAM	1	0	19.18	19.16	19.07	21	1
1.4	16QAM	1	3	18.95	19.26	19.07		
1.4	16QAM	1	5	19.09	19.12	19.11		
1.4	16QAM	3	0	18.93	19.04	18.98		
1.4	16QAM	3	1	19.04	19.04	19.05		
1.4	16QAM	3	3	18.97	19.00	18.96		
1.4	16QAM	6	0	18.08	18.16	18.08	20	2
1.4	64QAM	1	0	18.13	18.16	18.17	20	2
1.4	64QAM	1	3	18.07	18.13	17.92		
1.4	64QAM	1	5	18.11	18.16	18.06		
1.4	64QAM	3	0	18.24	18.36	18.20		
1.4	64QAM	3	1	18.18	18.32	18.24		
1.4	64QAM	3	3	18.14	18.32	18.15		
1.4	64QAM	6	0	17.37	17.40	17.23	19	3

Band 5 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.41	21.48	21.36	22	0
10	QPSK	1	25	21.34	21.41	21.30		
10	QPSK	1	49	21.22	21.26	21.17		
10	QPSK	25	0	20.25	20.39	20.24	21	1
10	QPSK	25	12	20.23	20.34	20.20		
10	QPSK	25	25	20.11	20.23	20.19		
10	QPSK	50	0	20.20	20.29	20.14		
10	16QAM	1	0	20.20	20.28	20.21	21	1
10	16QAM	1	25	20.06	20.20	20.09		
10	16QAM	1	49	20.08	20.21	20.12		
10	16QAM	25	0	19.26	19.35	19.25	20	2
10	16QAM	25	12	19.25	19.31	19.28		
10	16QAM	25	25	19.06	19.20	19.08		
10	16QAM	50	0	19.17	19.28	19.22		
10	64QAM	1	0	19.29	19.42	19.35	20	2
10	64QAM	1	25	19.38	19.48	19.38		
10	64QAM	1	49	19.33	19.41	19.32		
10	64QAM	25	0	18.28	18.37	18.25	19	3
10	64QAM	25	12	18.24	18.33	18.19		
10	64QAM	25	25	18.09	18.21	18.11		
10	64QAM	50	0	18.14	18.29	18.16		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.29	21.45	21.23	22	0
5	QPSK	1	12	21.22	21.31	21.23		
5	QPSK	1	24	21.14	21.20	21.03		
5	QPSK	12	0	20.15	20.35	20.10	21	1
5	QPSK	12	7	20.13	20.29	20.10		
5	QPSK	12	13	20.06	20.18	20.13		
5	QPSK	25	0	20.12	20.17	20.06		
5	16QAM	1	0	20.09	20.20	20.12	21	1
5	16QAM	1	12	19.95	20.10	20.04		
5	16QAM	1	24	19.93	20.12	20.01		
5	16QAM	12	0	19.18	19.27	19.14	20	2
5	16QAM	12	7	19.13	19.26	19.22		
5	16QAM	12	13	18.98	19.12	18.98		
5	16QAM	25	0	19.04	19.15	19.16		
5	64QAM	1	0	19.25	19.34	19.24	20	2
5	64QAM	1	12	19.28	19.36	19.25		
5	64QAM	1	24	19.26	19.37	19.27		
5	64QAM	12	0	18.20	18.28	18.10	19	3
5	64QAM	12	7	18.16	18.30	18.13		
5	64QAM	12	13	17.96	18.07	17.97		
5	64QAM	25	0	18.01	18.18	18.13		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.28	21.33	21.31	22	0
3	QPSK	1	8	21.28	21.34	21.18		
3	QPSK	1	14	21.11	21.18	21.11		
3	QPSK	8	0	20.12	20.35	20.12	21	1
3	QPSK	8	4	20.11	20.20	20.09		
3	QPSK	8	7	20.06	20.11	20.14		
3	QPSK	15	0	20.08	20.20	19.99		
3	16QAM	1	0	20.08	20.16	20.14	21	1
3	16QAM	1	8	20.01	20.16	20.05		
3	16QAM	1	14	19.93	20.10	20.01		
3	16QAM	8	0	19.12	19.25	19.18	20	2
3	16QAM	8	4	19.12	19.22	19.21		
3	16QAM	8	7	18.99	19.06	18.98		
3	16QAM	15	0	19.05	19.23	19.16		
3	64QAM	1	0	19.16	19.36	19.31	20	2
3	64QAM	1	8	19.23	19.33	19.27		
3	64QAM	1	14	19.19	19.33	19.24		
3	64QAM	8	0	18.25	18.33	18.18	19	3
3	64QAM	8	4	18.13	18.26	18.14		
3	64QAM	8	7	18.01	18.11	18.06		
3	64QAM	15	0	18.06	18.15	18.08		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.30	21.35	21.24	22	0
1.4	QPSK	1	3	21.35	21.26	21.13		
1.4	QPSK	1	5	21.07	21.26	21.11		
1.4	QPSK	3	0	21.28	21.32	21.27		
1.4	QPSK	3	1	21.30	21.34	21.20		
1.4	QPSK	3	3	21.10	21.20	21.15		
1.4	QPSK	6	0	20.16	20.37	20.28	21	1
1.4	16QAM	1	0	20.25	20.27	20.27	21	1
1.4	16QAM	1	3	20.09	20.31	20.10		
1.4	16QAM	1	5	20.19	20.21	20.15		
1.4	16QAM	3	0	20.06	20.13	20.06		
1.4	16QAM	3	1	20.22	20.18	20.14		
1.4	16QAM	3	3	20.07	20.08	20.04		
1.4	16QAM	6	0	19.17	19.36	19.18	20	2
1.4	64QAM	1	0	19.30	19.24	19.26	20	2
1.4	64QAM	1	3	19.09	19.17	19.01		
1.4	64QAM	1	5	19.16	19.22	19.19		
1.4	64QAM	3	0	19.35	19.46	19.31		
1.4	64QAM	3	1	19.30	19.31	19.35		
1.4	64QAM	3	3	19.17	19.33	19.28		
1.4	64QAM	6	0	18.47	18.46	18.33	19	3

Default Power for WWAN for Other PA

Band 7 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.95	23.17	23.12	24	0
20	QPSK	1	49	22.93	23.13	23.00		
20	QPSK	1	99	22.86	22.96	22.95		
20	QPSK	50	0	21.99	22.14	22.00	23	1
20	QPSK	50	24	21.98	21.98	21.89		
20	QPSK	50	50	21.89	22.13	22.08		
20	QPSK	100	0	21.94	22.11	22.01		
20	16QAM	1	0	21.85	22.02	21.98	23	1
20	16QAM	1	49	21.85	21.97	22.00		
20	16QAM	1	99	21.93	22.04	21.95		
20	16QAM	50	0	21.18	21.18	21.18	22	2
20	16QAM	50	24	20.94	21.04	20.93		
20	16QAM	50	50	21.02	21.12	21.00		
20	16QAM	100	0	21.12	21.10	21.04		
20	64QAM	1	0	20.93	21.00	20.94	22	2
20	64QAM	1	49	21.02	21.12	21.05		
20	64QAM	1	99	20.98	21.11	21.11		
20	64QAM	50	0	20.14	20.08	19.92	21	3
20	64QAM	50	24	19.93	19.97	19.81		
20	64QAM	50	50	19.91	20.03	20.03		
20	64QAM	100	0	19.95	20.01	20.01		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.91	23.12	23.07	24	0
15	QPSK	1	37	22.86	23.08	22.94		
15	QPSK	1	74	22.71	22.87	22.86		
15	QPSK	36	0	21.89	22.05	21.93	23	1
15	QPSK	36	20	21.86	21.84	21.83		
15	QPSK	36	39	21.84	22.08	21.97		
15	QPSK	75	0	21.86	22.07	21.95		
15	16QAM	1	0	21.75	21.94	21.83	23	1
15	16QAM	1	37	21.79	21.90	21.93		
15	16QAM	1	74	21.86	21.91	21.85		
15	16QAM	36	0	21.12	21.05	21.06	22	2
15	16QAM	36	20	20.82	20.98	20.82		
15	16QAM	36	39	20.95	20.98	20.88		
15	16QAM	75	0	20.97	21.04	20.90		
15	64QAM	1	0	20.83	20.89	20.90	22	2
15	64QAM	1	37	20.94	21.06	20.98		
15	64QAM	1	74	20.90	20.98	21.07		
15	64QAM	36	0	20.05	20.01	19.78	21	3
15	64QAM	36	20	19.85	19.89	19.71		
15	64QAM	36	39	19.77	19.90	19.88		
15	64QAM	75	0	19.87	19.87	19.93		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.80	23.04	23.01	24	0
10	QPSK	1	25	22.87	23.01	22.91		
10	QPSK	1	49	22.79	22.86	22.90		
10	QPSK	25	0	21.88	22.03	21.90	23	1
10	QPSK	25	12	21.87	21.89	21.84		
10	QPSK	25	25	21.79	22.02	22.01		
10	QPSK	50	0	21.88	22.07	21.92		
10	16QAM	1	0	21.71	21.91	21.93	23	1
10	16QAM	1	25	21.73	21.89	21.96		
10	16QAM	1	49	21.86	21.92	21.91		
10	16QAM	25	0	21.09	21.03	21.11	22	2
10	16QAM	25	12	20.84	20.99	20.78		
10	16QAM	25	25	20.88	20.99	20.86		
10	16QAM	50	0	21.03	20.98	20.90		
10	64QAM	1	0	20.83	20.89	20.89	22	2
10	64QAM	1	25	20.91	21.01	20.96		
10	64QAM	1	49	20.84	21.00	20.98		
10	64QAM	25	0	20.00	19.96	19.87	21	3
10	64QAM	25	12	19.86	19.89	19.76		
10	64QAM	25	25	19.78	19.94	19.99		
10	64QAM	50	0	19.82	19.87	19.91		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.81	23.10	23.00	24	0
5	QPSK	1	12	22.89	23.03	22.95		
5	QPSK	1	24	22.78	22.86	22.82		
5	QPSK	12	0	21.94	22.03	21.87	23	1
5	QPSK	12	7	21.89	21.86	21.86		
5	QPSK	12	13	21.84	22.09	21.96		
5	QPSK	25	0	21.87	22.04	21.96		
5	16QAM	1	0	21.70	21.97	21.86	23	1
5	16QAM	1	12	21.82	21.89	21.92		
5	16QAM	1	24	21.89	21.96	21.81		
5	16QAM	12	0	21.06	21.05	21.09	22	2
5	16QAM	12	7	20.90	20.91	20.86		
5	16QAM	12	13	20.89	21.09	20.86		
5	16QAM	25	0	21.08	20.99	20.99		
5	64QAM	1	0	20.78	20.95	20.83	22	2
5	64QAM	1	12	20.97	21.08	20.95		
5	64QAM	1	24	20.91	21.04	21.04		
5	64QAM	12	0	20.02	20.04	19.89	21	3
5	64QAM	12	7	19.78	19.86	19.76		
5	64QAM	12	13	19.79	19.96	19.94		
5	64QAM	25	0	19.80	19.89	19.88		

Reduced Power for DSI 2 for other PA

Band 7 Ant7 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.98	18.25	18.00	19	0
20	QPSK	1	49	17.92	18.22	18.01		
20	QPSK	1	99	17.90	17.99	18.01		
20	QPSK	50	0	17.88	18.22	17.91	19	0
20	QPSK	50	24	17.72	18.21	17.95		
20	QPSK	50	50	17.85	17.85	17.95		
20	QPSK	100	0	17.81	18.07	17.94		
20	16QAM	1	0	17.79	18.00	17.99	19	0
20	16QAM	1	49	17.73	17.94	17.95		
20	16QAM	1	99	18.00	17.99	17.90		
20	16QAM	50	0	17.75	18.22	17.98	19	0
20	16QAM	50	24	17.88	17.80	17.93		
20	16QAM	50	50	17.94	18.04	17.88		
20	16QAM	100	0	17.70	18.11	18.00		
20	64QAM	1	0	17.79	17.86	17.93	19	0
20	64QAM	1	49	17.77	18.17	17.84		
20	64QAM	1	99	17.85	18.24	17.89		
20	64QAM	50	0	17.79	17.79	17.85	19	0
20	64QAM	50	24	17.89	18.00	17.86		
20	64QAM	50	50	17.80	18.03	17.84		
20	64QAM	100	0	17.87	17.95	17.85		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.80	18.06	18.01	19	0
15	QPSK	1	37	17.87	18.12	17.81		
15	QPSK	1	74	17.72	18.01	17.84		
15	QPSK	36	0	17.93	18.02	17.81	19	0
15	QPSK	36	20	17.88	17.98	17.80		
15	QPSK	36	39	17.76	17.91	17.90		
15	QPSK	75	0	17.77	18.08	17.72		
15	16QAM	1	0	17.65	17.88	17.96	19	0
15	16QAM	1	37	17.71	17.89	17.87		
15	16QAM	1	74	17.80	17.92	17.91		
15	16QAM	36	0	17.77	18.17	17.90	19	0
15	16QAM	36	20	17.68	17.82	17.76		
15	16QAM	36	39	17.95	18.03	17.70		
15	16QAM	75	0	17.67	18.04	17.97		
15	64QAM	1	0	17.65	17.74	17.90	19	0
15	64QAM	1	37	17.69	17.99	17.65		
15	64QAM	1	74	17.70	18.07	17.85		
15	64QAM	36	0	17.67	17.77	17.81	19	0
15	64QAM	36	20	17.89	17.86	17.74		
15	64QAM	36	39	17.76	17.93	17.85		
15	64QAM	75	0	17.83	17.96	17.70		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.77	18.07	17.81	19	0
10	QPSK	1	25	17.70	18.07	17.91		
10	QPSK	1	49	17.87	17.98	17.80		
10	QPSK	25	0	17.68	17.95	17.79	19	0
10	QPSK	25	12	17.71	18.06	17.76		
10	QPSK	25	25	17.86	17.79	17.77		
10	QPSK	50	0	17.78	18.07	17.82		
10	16QAM	1	0	17.72	17.81	17.89	19	0
10	16QAM	1	25	17.57	17.80	17.82		
10	16QAM	1	49	17.88	17.94	17.86		
10	16QAM	25	0	17.72	18.10	17.99	19	0
10	16QAM	25	12	17.70	17.60	17.81		
10	16QAM	25	25	17.82	17.84	17.72		
10	16QAM	50	0	17.67	17.89	18.01		
10	64QAM	1	0	17.75	18.16	17.89	19	0
10	64QAM	1	25	17.89	17.91	17.91		
10	64QAM	1	49	17.78	17.99	17.69		
10	64QAM	25	0	17.81	17.81	17.74	19	0
10	64QAM	25	12	17.70	17.97	17.69		
10	64QAM	25	25	17.62	17.86	17.84		
10	64QAM	50	0	17.86	17.74	17.64		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.87	18.00	17.90	19	0
5	QPSK	1	12	17.83	18.06	17.82		
5	QPSK	1	24	17.87	17.80	17.85		
5	QPSK	12	0	17.74	18.13	18.03	19	0
5	QPSK	12	7	17.88	17.90	17.79		
5	QPSK	12	13	17.82	17.90	17.70		
5	QPSK	25	0	17.77	18.04	17.77		
5	16QAM	1	0	17.58	17.90	17.93	19	0
5	16QAM	1	12	17.54	17.73	17.88		
5	16QAM	1	24	17.78	17.81	17.72		
5	16QAM	12	0	17.80	18.20	17.99	19	0
5	16QAM	12	7	17.86	17.82	18.02		
5	16QAM	12	13	17.83	18.10	17.91		
5	16QAM	25	0	17.64	17.93	17.89		
5	64QAM	1	0	17.77	17.75	17.85	19	0
5	64QAM	1	12	17.67	18.13	17.74		
5	64QAM	1	24	17.85	18.13	17.84		
5	64QAM	12	0	17.61	17.66	17.80	19	0
5	64QAM	12	7	17.90	17.92	17.69		
5	64QAM	12	13	17.60	17.92	17.84		
5	64QAM	25	0	17.67	17.80	17.85		

Reduced Power for DSI 3 for other PA

Band 7 Ant7 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.83	20.15	20.07	21	0
20	QPSK	1	49	19.91	20.13	20.09		
20	QPSK	1	99	19.90	19.93	19.93		
20	QPSK	50	0	19.74	20.10	19.99	21	0
20	QPSK	50	24	19.82	19.98	20.08		
20	QPSK	50	50	19.90	19.76	19.93		
20	QPSK	100	0	19.83	20.06	20.01		
20	16QAM	1	0	19.72	19.95	19.80	21	0
20	16QAM	1	49	19.72	19.87	19.98		
20	16QAM	1	99	19.79	19.73	19.86		
20	16QAM	50	0	19.72	19.89	19.88	21	0
20	16QAM	50	24	19.69	19.79	19.93		
20	16QAM	50	50	19.73	19.57	19.82		
20	16QAM	100	0	19.66	20.10	19.94		
20	64QAM	1	0	19.62	19.83	19.87	21	0
20	64QAM	1	49	19.91	19.68	19.81		
20	64QAM	1	99	19.72	19.92	19.96		
20	64QAM	50	0	19.61	19.98	20.08	21	0
20	64QAM	50	24	19.59	20.00	19.83		
20	64QAM	50	50	19.61	19.98	19.87		
20	64QAM	100	0	19.82	19.78	19.82		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.79	20.05	20.04	21	0
15	QPSK	1	37	19.72	20.10	20.02		
15	QPSK	1	74	19.71	19.82	19.81		
15	QPSK	36	0	19.54	20.04	19.97	21	0
15	QPSK	36	20	19.70	19.81	20.01		
15	QPSK	36	39	19.77	19.74	19.91		
15	QPSK	75	0	19.81	19.86	20.03		
15	16QAM	1	0	19.50	19.74	19.73	21	0
15	16QAM	1	37	19.68	19.80	19.85		
15	16QAM	1	74	19.67	19.67	19.69		
15	16QAM	36	0	19.62	19.91	19.68	21	0
15	16QAM	36	20	19.58	19.61	19.89		
15	16QAM	36	39	19.70	19.57	19.61		
15	16QAM	75	0	19.57	19.98	19.87		
15	64QAM	1	0	19.51	19.75	19.77	21	0
15	64QAM	1	37	19.77	19.69	19.71		
15	64QAM	1	74	19.57	19.79	19.85		
15	64QAM	36	0	19.62	19.99	20.03	21	0
15	64QAM	36	20	19.93	20.10	19.98		
15	64QAM	36	39	19.79	19.90	19.84		
15	64QAM	75	0	19.77	19.62	19.81		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.71	19.97	19.88	21	0
10	QPSK	1	25	19.78	19.92	20.09		
10	QPSK	1	49	19.72	19.78	19.87		
10	QPSK	25	0	19.75	19.90	19.91	21	0
10	QPSK	25	12	19.64	19.99	19.88		
10	QPSK	25	25	19.74	19.64	19.87		
10	QPSK	50	0	19.80	19.93	19.87		
10	16QAM	1	0	19.73	19.90	19.81	21	0
10	16QAM	1	25	19.64	19.66	19.92		
10	16QAM	1	49	19.78	19.74	19.82		
10	16QAM	25	0	19.52	19.91	19.75	21	0
10	16QAM	25	12	19.62	19.65	19.83		
10	16QAM	25	25	19.84	20.01	19.85		
10	16QAM	50	0	19.88	20.10	19.96		
10	64QAM	1	0	19.70	19.72	19.83	21	0
10	64QAM	1	25	19.73	19.57	19.69		
10	64QAM	1	49	19.54	19.86	19.97		
10	64QAM	25	0	19.79	19.94	19.92	21	0
10	64QAM	25	12	19.81	19.95	19.91		
10	64QAM	25	25	19.81	19.89	19.73		
10	64QAM	50	0	19.65	19.67	19.81		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.79	19.94	19.91	21	0
5	QPSK	1	12	19.80	19.92	19.93		
5	QPSK	1	24	19.71	19.79	19.89		
5	QPSK	12	0	19.61	20.02	19.95	21	0
5	QPSK	12	7	19.68	19.85	19.88		
5	QPSK	12	13	19.74	19.54	19.77		
5	QPSK	25	0	19.77	19.97	19.86		
5	16QAM	1	0	19.71	19.75	19.75	21	0
5	16QAM	1	12	19.53	19.81	19.89		
5	16QAM	1	24	19.69	19.53	19.78		
5	16QAM	12	0	19.59	19.75	19.74	21	0
5	16QAM	12	7	19.53	19.70	19.91		
5	16QAM	12	13	19.53	19.54	19.76		
5	16QAM	25	0	19.57	20.04	19.92		
5	64QAM	1	0	19.60	19.62	19.72	21	0
5	64QAM	1	12	19.78	19.52	19.66		
5	64QAM	1	24	19.65	19.90	19.76		
5	64QAM	12	0	19.57	19.99	19.91	21	0
5	64QAM	12	7	19.53	19.80	19.72		
5	64QAM	12	13	19.56	19.95	19.68		
5	64QAM	25	0	19.71	19.60	19.72		

Reduced Power for DSI 4 for Other PA

Band 7 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.95	23.17	23.12	24	0
20	QPSK	1	49	22.93	23.13	23.00		
20	QPSK	1	99	22.86	22.96	22.95		
20	QPSK	50	0	21.99	22.14	22.00	23	1
20	QPSK	50	24	21.98	21.98	21.89		
20	QPSK	50	50	21.89	22.13	22.08		
20	QPSK	100	0	21.94	22.11	22.01		
20	16QAM	1	0	21.85	22.02	21.98	23	1
20	16QAM	1	49	21.85	21.97	22.00		
20	16QAM	1	99	21.93	22.04	21.95		
20	16QAM	50	0	21.18	21.18	21.18	22	2
20	16QAM	50	24	20.94	21.04	20.93		
20	16QAM	50	50	21.02	21.12	21.00		
20	16QAM	100	0	21.12	21.10	21.04		
20	64QAM	1	0	20.93	21.00	20.94	22	2
20	64QAM	1	49	21.02	21.12	21.05		
20	64QAM	1	99	20.98	21.11	21.11		
20	64QAM	50	0	20.14	20.08	19.92	21	3
20	64QAM	50	24	19.93	19.97	19.81		
20	64QAM	50	50	19.91	20.03	20.03		
20	64QAM	100	0	19.95	20.01	20.01		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.91	23.12	23.07	24	0
15	QPSK	1	37	22.86	23.08	22.94		
15	QPSK	1	74	22.71	22.87	22.86		
15	QPSK	36	0	21.89	22.05	21.93	23	1
15	QPSK	36	20	21.86	21.84	21.83		
15	QPSK	36	39	21.84	22.08	21.97		
15	QPSK	75	0	21.86	22.07	21.95		
15	16QAM	1	0	21.75	21.94	21.83	23	1
15	16QAM	1	37	21.79	21.90	21.93		
15	16QAM	1	74	21.86	21.91	21.85		
15	16QAM	36	0	21.12	21.05	21.06	22	2
15	16QAM	36	20	20.82	20.98	20.82		
15	16QAM	36	39	20.95	20.98	20.88		
15	16QAM	75	0	20.97	21.04	20.90		
15	64QAM	1	0	20.83	20.89	20.90	22	2
15	64QAM	1	37	20.94	21.06	20.98		
15	64QAM	1	74	20.90	20.98	21.07		
15	64QAM	36	0	20.05	20.01	19.78	21	3
15	64QAM	36	20	19.85	19.89	19.71		
15	64QAM	36	39	19.77	19.90	19.88		
15	64QAM	75	0	19.87	19.87	19.93		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.80	23.04	23.01	24	0
10	QPSK	1	25	22.87	23.01	22.91		
10	QPSK	1	49	22.79	22.86	22.90		
10	QPSK	25	0	21.88	22.03	21.90	23	1
10	QPSK	25	12	21.87	21.89	21.84		
10	QPSK	25	25	21.79	22.02	22.01		
10	QPSK	50	0	21.88	22.07	21.92		
10	16QAM	1	0	21.71	21.91	21.93	23	1
10	16QAM	1	25	21.73	21.89	21.96		
10	16QAM	1	49	21.86	21.92	21.91		
10	16QAM	25	0	21.09	21.03	21.11	22	2
10	16QAM	25	12	20.84	20.99	20.78		
10	16QAM	25	25	20.88	20.99	20.86		
10	16QAM	50	0	21.03	20.98	20.90		
10	64QAM	1	0	20.83	20.89	20.89	22	2
10	64QAM	1	25	20.91	21.01	20.96		
10	64QAM	1	49	20.84	21.00	20.98		
10	64QAM	25	0	20.00	19.96	19.87	21	3
10	64QAM	25	12	19.86	19.89	19.76		
10	64QAM	25	25	19.78	19.94	19.99		
10	64QAM	50	0	19.82	19.87	19.91		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.81	23.10	23.00	24	0
5	QPSK	1	12	22.89	23.03	22.95		
5	QPSK	1	24	22.78	22.86	22.82		
5	QPSK	12	0	21.94	22.03	21.87	23	1
5	QPSK	12	7	21.89	21.86	21.86		
5	QPSK	12	13	21.84	22.09	21.96		
5	QPSK	25	0	21.87	22.04	21.96		
5	16QAM	1	0	21.70	21.97	21.86	23	1
5	16QAM	1	12	21.82	21.89	21.92		
5	16QAM	1	24	21.89	21.96	21.81		
5	16QAM	12	0	21.06	21.05	21.09	22	2
5	16QAM	12	7	20.90	20.91	20.86		
5	16QAM	12	13	20.89	21.09	20.86		
5	16QAM	25	0	21.08	20.99	20.99		
5	64QAM	1	0	20.78	20.95	20.83	22	2
5	64QAM	1	12	20.97	21.08	20.95		
5	64QAM	1	24	20.91	21.04	21.04		
5	64QAM	12	0	20.02	20.04	19.89	21	3
5	64QAM	12	7	19.78	19.86	19.76		
5	64QAM	12	13	19.79	19.96	19.94		
5	64QAM	25	0	19.80	19.89	19.88		

Reduced Power for DSI 6 for Other PA

Band 7 Ant7 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.83	20.15	20.07	21	0
20	QPSK	1	49	19.91	20.13	20.09		
20	QPSK	1	99	19.90	19.93	19.93		
20	QPSK	50	0	19.74	20.10	19.99	21	0
20	QPSK	50	24	19.82	19.98	20.08		
20	QPSK	50	50	19.90	19.76	19.93		
20	QPSK	100	0	19.83	20.06	20.01		
20	16QAM	1	0	19.72	19.95	19.80	21	0
20	16QAM	1	49	19.72	19.87	19.98		
20	16QAM	1	99	19.79	19.73	19.86		
20	16QAM	50	0	19.72	19.89	19.88	21	0
20	16QAM	50	24	19.69	19.79	19.93		
20	16QAM	50	50	19.73	19.57	19.82		
20	16QAM	100	0	19.66	20.10	19.94		
20	64QAM	1	0	19.62	19.83	19.87	21	0
20	64QAM	1	49	19.91	19.68	19.81		
20	64QAM	1	99	19.72	19.92	19.96		
20	64QAM	50	0	19.61	19.98	20.08	21	0
20	64QAM	50	24	19.59	20.00	19.83		
20	64QAM	50	50	19.61	19.98	19.87		
20	64QAM	100	0	19.82	19.78	19.82		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.79	20.05	20.04	21	0
15	QPSK	1	37	19.72	20.10	20.02		
15	QPSK	1	74	19.71	19.82	19.81		
15	QPSK	36	0	19.54	20.04	19.97	21	0
15	QPSK	36	20	19.70	19.81	20.01		
15	QPSK	36	39	19.77	19.74	19.91		
15	QPSK	75	0	19.81	19.86	20.03		
15	16QAM	1	0	19.50	19.74	19.73	21	0
15	16QAM	1	37	19.68	19.80	19.85		
15	16QAM	1	74	19.67	19.67	19.69		
15	16QAM	36	0	19.62	19.91	19.68	21	0
15	16QAM	36	20	19.58	19.61	19.89		
15	16QAM	36	39	19.70	19.57	19.61		
15	16QAM	75	0	19.57	19.98	19.87		
15	64QAM	1	0	19.51	19.75	19.77	21	0
15	64QAM	1	37	19.77	19.69	19.71		
15	64QAM	1	74	19.57	19.79	19.85		
15	64QAM	36	0	19.62	19.99	20.03	21	0
15	64QAM	36	20	19.93	20.10	19.98		
15	64QAM	36	39	19.79	19.90	19.84		
15	64QAM	75	0	19.77	19.62	19.81		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.71	19.97	19.88	21	0
10	QPSK	1	25	19.78	19.92	20.09		
10	QPSK	1	49	19.72	19.78	19.87		
10	QPSK	25	0	19.75	19.90	19.91	21	0
10	QPSK	25	12	19.64	19.99	19.88		
10	QPSK	25	25	19.74	19.64	19.87		
10	QPSK	50	0	19.80	19.93	19.87		
10	16QAM	1	0	19.73	19.90	19.81	21	0
10	16QAM	1	25	19.64	19.66	19.92		
10	16QAM	1	49	19.78	19.74	19.82		
10	16QAM	25	0	19.52	19.91	19.75	21	0
10	16QAM	25	12	19.62	19.65	19.83		
10	16QAM	25	25	19.84	20.01	19.85		
10	16QAM	50	0	19.88	20.10	19.96		
10	64QAM	1	0	19.70	19.72	19.83	21	0
10	64QAM	1	25	19.73	19.57	19.69		
10	64QAM	1	49	19.54	19.86	19.97		
10	64QAM	25	0	19.79	19.94	19.92	21	0
10	64QAM	25	12	19.81	19.95	19.91		
10	64QAM	25	25	19.81	19.89	19.73		
10	64QAM	50	0	19.65	19.67	19.81		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.79	19.94	19.91	21	0
5	QPSK	1	12	19.80	19.92	19.93		
5	QPSK	1	24	19.71	19.79	19.89		
5	QPSK	12	0	19.61	20.02	19.95	21	0
5	QPSK	12	7	19.68	19.85	19.88		
5	QPSK	12	13	19.74	19.54	19.77		
5	QPSK	25	0	19.77	19.97	19.86		
5	16QAM	1	0	19.71	19.75	19.75	21	0
5	16QAM	1	12	19.53	19.81	19.89		
5	16QAM	1	24	19.69	19.53	19.78		
5	16QAM	12	0	19.59	19.75	19.74	21	0
5	16QAM	12	7	19.53	19.70	19.91		
5	16QAM	12	13	19.53	19.54	19.76		
5	16QAM	25	0	19.57	20.04	19.92		
5	64QAM	1	0	19.60	19.62	19.72	21	0
5	64QAM	1	12	19.78	19.52	19.66		
5	64QAM	1	24	19.65	19.90	19.76		
5	64QAM	12	0	19.57	19.99	19.91	21	0
5	64QAM	12	7	19.53	19.80	19.72		
5	64QAM	12	13	19.56	19.95	19.68		
5	64QAM	25	0	19.71	19.60	19.72		

Reduced Power for DSI 7 for Other PA

Band 7 Ant7 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.83	20.15	20.07	21	0
20	QPSK	1	49	19.91	20.13	20.09		
20	QPSK	1	99	19.90	19.93	19.93		
20	QPSK	50	0	19.74	20.10	19.99	21	0
20	QPSK	50	24	19.82	19.98	20.08		
20	QPSK	50	50	19.90	19.76	19.93		
20	QPSK	100	0	19.83	20.06	20.01		
20	16QAM	1	0	19.71	19.89	19.94	21	0
20	16QAM	1	49	19.73	19.94	20.08		
20	16QAM	1	99	19.68	19.78	19.87		
20	16QAM	50	0	19.17	19.18	19.07	21	0
20	16QAM	50	24	19.05	19.03	19.07		
20	16QAM	50	50	19.05	19.04	19.08		
20	16QAM	100	0	19.05	19.01	19.09		
20	64QAM	1	0	19.02	19.05	19.02	21	0
20	64QAM	1	49	19.03	19.06	19.03		
20	64QAM	1	99	19.04	19.00	19.13		
20	64QAM	50	0	19.22	19.04	19.03	21	0
20	64QAM	50	24	19.01	19.08	19.03		
20	64QAM	50	50	19.02	19.09	19.15		
20	64QAM	100	0	19.09	19.09	19.06		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.82	20.14	20.06	21	0
15	QPSK	1	37	19.90	20.12	20.09		
15	QPSK	1	74	19.90	19.91	19.92		
15	QPSK	36	0	19.73	20.09	19.98	21	0
15	QPSK	36	20	19.81	19.97	20.08		
15	QPSK	36	39	19.89	19.75	19.93		
15	QPSK	75	0	19.82	20.05	20.00		
15	16QAM	1	0	19.70	19.87	19.93	21	0
15	16QAM	1	37	19.71	19.93	20.07		
15	16QAM	1	74	19.66	19.77	19.85		
15	16QAM	36	0	19.16	19.18	19.07	21	0
15	16QAM	36	20	19.04	19.03	19.05		
15	16QAM	36	39	19.03	19.02	19.07		
15	16QAM	75	0	19.04	19.05	19.09		
15	64QAM	1	0	19.02	19.03	19.02	21	0
15	64QAM	1	37	19.02	19.05	19.03		
15	64QAM	1	74	19.03	19.08	19.11		
15	64QAM	36	0	19.22	19.03	19.01	21	0
15	64QAM	36	20	19.01	19.07	19.02		
15	64QAM	36	39	19.01	19.09	19.14		
15	64QAM	75	0	19.09	19.07	19.06		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.82	20.14	20.04	21	0
10	QPSK	1	25	19.88	20.09	20.07		
10	QPSK	1	49	19.88	19.90	19.91		
10	QPSK	25	0	19.71	20.08	19.97	21	0
10	QPSK	25	12	19.81	19.98	20.04		
10	QPSK	25	25	19.88	19.73	19.91		
10	QPSK	50	0	19.82	20.05	19.98		
10	16QAM	1	0	19.68	19.88	19.90	21	0
10	16QAM	1	25	19.69	19.93	20.05		
10	16QAM	1	49	19.65	19.74	19.86		
10	16QAM	25	0	19.15	19.17	19.05	21	0
10	16QAM	25	12	19.03	19.02	19.06		
10	16QAM	25	25	19.03	19.02	19.06		
10	16QAM	50	0	19.05	19.00	19.06		
10	64QAM	1	0	19.00	19.04	19.00	21	0
10	64QAM	1	25	19.01	19.04	19.00		
10	64QAM	1	49	19.01	19.02	19.12		
10	64QAM	25	0	19.20	19.02	19.00	21	0
10	64QAM	25	12	19.11	19.06	19.00		
10	64QAM	25	25	19.13	19.09	19.14		
10	64QAM	50	0	19.09	19.07	19.03		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.80	20.12	20.01	21	0
5	QPSK	1	12	19.89	20.08	20.06		
5	QPSK	1	24	19.88	19.90	19.90		
5	QPSK	12	0	19.70	20.07	19.95	21	0
5	QPSK	12	7	19.79	19.98	20.04		
5	QPSK	12	13	19.87	19.75	19.90		
5	QPSK	25	0	19.82	20.06	19.96		
5	16QAM	1	0	19.70	19.85	19.90	21	0
5	16QAM	1	12	19.68	19.92	20.04		
5	16QAM	1	24	19.66	19.74	19.84		
5	16QAM	12	0	19.16	19.13	19.04	21	0
5	16QAM	12	7	19.01	19.00	19.04		
5	16QAM	12	13	19.02	19.02	19.07		
5	16QAM	25	0	19.05	19.05	19.04		
5	64QAM	1	0	19.02	19.01	19.00	21	0
5	64QAM	1	12	19.01	19.02	19.01		
5	64QAM	1	24	19.05	19.08	19.12		
5	64QAM	12	0	19.20	19.02	19.01	21	0
5	64QAM	12	7	19.04	19.03	19.00		
5	64QAM	12	13	19.02	19.07	19.13		
5	64QAM	25	0	19.07	19.08	19.05		

Uplink CA 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	22.37	24.00
21100	21298	QPSK	1	99	1	0	22.41	24.00
21350	21152	QPSK	1	0	1	99	22.32	24.00

DL CA Power

2CA DL

CA List	PCC									SCC					Power	
	LTE Band	BW Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_2A-5A	Band 2	Ant 1	20M	1880	18900	QPSK	1	0		Band 5	10M	881.5	2525		22.39	22.56
	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900		22.74	22.88
	Band 2	Ant 7	20M	1880	18900	QPSK	1	0		Band 5	10M	881.5	2525		20.45	20.55
	Band 5	Ant 7	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900		21.32	21.48
CA_2A-7A	Band 2	Ant 1	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	22.43	22.56
	Band 2	Ant 7	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	20.32	20.55
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		22.81	22.99
CA_5A-7A	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	22.73	22.88
	Band 5	Ant 7	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	21.36	21.48
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.89	22.99
CA_5A-38A	Band 38	Ant 2	20M	2595	38000	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.78	22.87
CA_5A-41A	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.77	22.89
CA_7B	Band 7	Ant 2	15M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2544.3	3193	4x4MIMO	22.81	22.99
CA_7C	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.86	22.99
CA_7A-7A	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	22.85	22.99
CA_38C	Band 38	Ant 2	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	22.72	22.87
CA_41C	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	22.75	22.89
CA_41A-41A	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	22.70	22.89

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-7C	Band 2	Ant 1	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.51	22.56
	Band 2	Ant 7	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	20.50	20.55
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 2	20M	1960	900		22.78	22.99
CA_2A-7A-7A	Band 2	Ant 1	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	22.46	22.56
	Band 2	Ant 7	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	20.46	20.55
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 2	20M	1960	900		22.92	22.99
CA_5A-7C	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.84	22.88
	Band 5	Ant 7	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	21.32	21.48
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 5	10M	881.5	2525		22.75	22.99
CA_41D	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	22.86	22.89
CA_41A-41C	Band 41	Ant 2	20M	2675.8	39750	QPSK	1	0	4x4MIMO	Band 41	20M	2660.2	41292	4x4MIMO	Band 41	20M	2680	41490	4x4MIMO	22.73	22.89

Default Power for 5G NR DFT-30 for Main PA

n2 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.78	22.82	22.70	24.0	0.0
20	PI/2 BPSK	1	26	22.59	22.73	22.65		
20	PI/2 BPSK	1	49	22.63	22.68	22.56		
20	PI/2 BPSK	25	0	22.16	22.31	22.20	23.5	0.5
20	PI/2 BPSK	25	13	22.77	22.81	22.73	24.0	0.0
20	PI/2 BPSK	25	26	22.11	22.23	22.15	23.5	0.5
20	PI/2 BPSK	50	0	22.20	22.29	22.24		
20	QPSK	1	1	22.83	22.88	22.78	24.0	0.0
20	QPSK	1	26	22.73	22.76	22.64		
20	QPSK	1	49	22.63	22.71	22.58		
20	QPSK	25	0	21.68	21.78	21.71	23.0	1.0
20	QPSK	25	13	22.74	22.85	22.78	24.0	0.0
20	QPSK	25	26	21.69	21.74	21.62	23.0	1.0
20	QPSK	50	0	21.74	21.81	21.75		
20	16QAM	1	1	21.43	21.51	21.44	23.0	1.0
20	64QAM	1	1	20.12	20.16	20.08	21.5	2.5
20	256QAM	1	1	18.63	18.70	18.57	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.76	22.85	22.70	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.79	22.81	22.64	24.0	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	23.00	23.05	22.94	24.0	0.0
20	PI/2 BPSK	1	26	22.90	23.00	22.89		
20	PI/2 BPSK	1	49	22.84	22.96	22.84		
20	PI/2 BPSK	25	0	22.57	22.62	22.55	23.5	0.5
20	PI/2 BPSK	25	13	22.91	23.06	23.02	24.0	0.0
20	PI/2 BPSK	25	26	22.43	22.54	22.46	23.5	0.5
20	PI/2 BPSK	50	0	22.54	22.63	22.54		
20	QPSK	1	1	23.04	23.14	23.10	24.0	0.0
20	QPSK	1	26	22.93	23.04	22.99		
20	QPSK	1	49	22.79	22.90	22.84		
20	QPSK	25	0	22.10	22.16	22.13	23.0	1.0
20	QPSK	25	13	22.95	23.06	22.95	24.0	0.0
20	QPSK	25	26	22.00	22.03	22.00	23.0	1.0
20	QPSK	50	0	22.06	22.11	21.97		
20	16QAM	1	1	21.69	21.76	21.70	23.0	1.0
20	64QAM	1	1	20.14	20.19	20.15	21.5	2.5
20	256QAM	1	1	18.63	18.75	18.69	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.98	23.08	23.03	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.90	23.01	22.96	24.0	0.0

n7 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.92	23.02	22.87	24.0	0.0
20	PI/2 BPSK	1	26	22.81	22.96	22.84		
20	PI/2 BPSK	1	49	22.87	22.91	22.78		
20	PI/2 BPSK	25	0	22.38	22.52	22.47	23.5	0.5
20	PI/2 BPSK	25	13	22.97	23.01	22.95	24.0	0.0
20	PI/2 BPSK	25	26	22.50	22.54	22.40	23.5	0.5
20	PI/2 BPSK	50	0	22.45	22.58	22.48		
20	QPSK	1	1	22.97	23.06	23.04	24.0	0.0
20	QPSK	1	26	22.92	23.02	22.98		
20	QPSK	1	49	22.88	22.94	22.85		
20	QPSK	25	0	21.89	22.01	21.91	23.0	1.0
20	QPSK	25	13	22.98	23.03	22.91	24.0	0.0
20	QPSK	25	26	21.98	22.07	21.96	23.0	1.0
20	QPSK	50	0	22.02	22.11	21.97		
20	16QAM	1	1	21.53	21.64	21.49	23.0	1.0
20	64QAM	1	1	20.22	20.28	20.24	21.5	2.5
20	256QAM	1	1	18.83	18.86	18.72	19.5	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.89	23.00	22.98	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.83	22.98	22.94	24.0	0.0

n38 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.29	22.39	22.36	24.0	0.0
40	PI/2 BPSK	1	53	22.97	23.07	22.92		
40	PI/2 BPSK	1	104	22.49	22.56	22.50		
40	PI/2 BPSK	50	0	22.34	22.48	22.45	23.5	0.5
40	PI/2 BPSK	50	28	22.95	23.07	22.93	24.0	0.0
40	PI/2 BPSK	50	56	22.33	22.36	22.24	23.5	0.5
40	PI/2 BPSK	100	0	22.37	22.49	22.37		
40	QPSK	1	1	22.33	22.44	22.41	24.0	0.0
40	QPSK	1	53	23.07	23.11	23.02		
40	QPSK	1	104	22.49	22.53	22.44		
40	QPSK	50	0	21.75	21.90	21.82	23.0	1.0
40	QPSK	50	28	22.92	23.03	22.96	24.0	0.0
40	QPSK	50	56	21.78	21.87	21.77	23.0	1.0
40	QPSK	100	0	21.83	21.95	21.88		
40	16QAM	1	1	21.08	21.16	21.05	23.0	1.0
40	64QAM	1	1	19.73	19.83	19.75	21.5	2.5
40	256QAM	1	1	18.34	18.42	18.32	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	23.01	22.99	22.97	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.97	22.97	22.98	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.02	23.00	22.93	19.0	2.5
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.03	23.04	22.95	19.0	2.5
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.99	23.08	22.90	15.0	4.5

n41 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.02	22.06	22.03	24.0	0.0
100	PI/2 BPSK	1	137	23.06	23.09	22.99		
100	PI/2 BPSK	1	271	22.01	22.10	22.04		
100	PI/2 BPSK	135	0	22.35	22.38	22.27	23.5	0.5
100	PI/2 BPSK	135	69	23.07	23.16	23.13	24.0	0.0
100	PI/2 BPSK	135	138	22.26	22.37	22.24	23.5	0.5
100	PI/2 BPSK	270	0	22.32	22.44	22.35		
100	QPSK	1	1	22.03	22.11	22.07	24.0	0.0
100	QPSK	1	137	23.16	23.21	22.98		
100	QPSK	1	271	22.10	22.14	22.11		
100	QPSK	135	0	21.83	21.90	21.85	23.0	1.0
100	QPSK	135	69	23.01	23.12	23.09	24.0	0.0
100	QPSK	135	138	21.74	21.87	21.74	23.0	1.0
100	QPSK	270	0	21.81	21.89	21.84		
100	16QAM	1	1	21.18	21.23	21.13	23.0	1.0
100	64QAM	1	1	19.68	19.74	19.66	21.5	2.5
100	256QAM	1	1	18.23	18.31	18.26	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.05	23.08	22.93	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	23.08	23.17	22.89	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.05	23.10	22.93	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.11	23.13	22.94	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.01	23.08	22.86	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.04	23.06	22.85	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.12	23.09	22.84	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.09	23.18	22.94	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.12	23.15	22.86	24.0	0.0

Part27O n77 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.14	23.55	24.02	25.0	0.0
100	PI/2 BPSK	1	137	24.26	24.76	24.70		
100	PI/2 BPSK	1	271	23.16	23.60	23.78		
100	PI/2 BPSK	135	0	23.65	24.03	23.95	24.5	0.5
100	PI/2 BPSK	135	69	24.23	24.63	24.59	25.0	0.0
100	PI/2 BPSK	135	138	23.87	24.30	24.24	24.5	0.5
100	PI/2 BPSK	270	0	23.79	24.30	24.23		
100	QPSK	1	1	23.20	23.55	24.08	25.0	0.0
100	QPSK	1	137	24.31	24.79	24.72		
100	QPSK	1	271	23.13	23.56	23.81		
100	QPSK	135	0	23.14	23.62	23.58	24.0	1.0
100	QPSK	135	69	24.30	24.64	24.61	25.0	0.0
100	QPSK	135	138	23.26	23.69	23.56	24.0	1.0
100	QPSK	270	0	23.28	23.78	23.73		
100	16QAM	1	1	22.54	22.89	22.84	24.0	1.0
100	64QAM	1	1	21.09	21.59	21.51	22.5	2.5
100	256QAM	1	1	19.58	19.98	19.87	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.21	24.75	24.59	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.25	24.67	24.67	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.28	24.64	24.65	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.21	24.69	24.59	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.21	24.74	24.58	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.23	24.71	24.67	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.22	24.66	24.68	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.18	24.69	24.60	25.0	0.0

Part27Q n77 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.29		25.0	0.0
100	PI/2 BPSK	1	137		24.44			
100	PI/2 BPSK	1	271		23.29			
100	PI/2 BPSK	135	0		23.69		25.0	0.0
100	PI/2 BPSK	135	69		24.34		25.0	0.0
100	PI/2 BPSK	135	138		24.02		25.0	0.0
100	PI/2 BPSK	270	0		23.98			
100	QPSK	1	1		23.23		25.0	0.0
100	QPSK	1	137		24.50			
100	QPSK	1	271		23.22			
100	QPSK	135	0		23.37		25.0	0.0
100	QPSK	135	69		24.40		25.0	0.0
100	QPSK	135	138		23.44		25.0	0.0
100	QPSK	270	0		23.48			
100	16QAM	1	1		22.66		24.0	1.0
100	64QAM	1	1		21.69		23.5	1.5
100	256QAM	1	1		19.64		21.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.46	24.46	24.37	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	24.38	24.44	24.40	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	24.37	24.36	24.45	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.36	24.46	24.38	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.43	24.41	24.40	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	24.47	24.39	24.42	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	24.46	24.42	24.42	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	24.42	24.40	24.36	25.0	0.0

PC3 Part27O n78 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.10		25.0	0.0
100	PI/2 BPSK	1	137		23.78			
100	PI/2 BPSK	1	271		23.10			
100	PI/2 BPSK	135	0		23.65		25.0	0.0
100	PI/2 BPSK	135	69		23.81		25.0	0.0
100	PI/2 BPSK	135	138		23.73		25.0	0.0
100	PI/2 BPSK	270	0		23.79			
100	QPSK	1	1		23.10		25.0	0.0
100	QPSK	1	137		23.93			
100	QPSK	1	271		23.10			
100	QPSK	135	0		23.53		25.0	0.0
100	QPSK	135	69		23.88		25.0	0.0
100	QPSK	135	138		23.57		25.0	0.0
100	QPSK	270	0		23.64			
100	16QAM	1	1		22.41		24.0	1.0
100	64QAM	1	1		21.95		23.5	1.5
100	256QAM	1	1		20.37		21.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.78	23.88	23.82	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	23.78	23.87	23.83	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	23.86	23.79	23.84	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	23.85	23.83	23.80	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.85	23.84	23.82	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	23.84	23.87	23.86	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	23.84	23.81	23.88	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.82	23.79	23.89	25.0	0.0

PC2 Part27O n78 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.18		27.0	0.0
100	PI/2 BPSK	1	137		25.93			
100	PI/2 BPSK	1	271		25.31			
100	PI/2 BPSK	135	0		25.35		27.0	0.0
100	PI/2 BPSK	135	69		25.95		27.0	0.0
100	PI/2 BPSK	135	138		25.33		27.0	0.0
100	PI/2 BPSK	270	0		25.47			
100	QPSK	1	1		25.22		27.0	0.0
100	QPSK	1	137		25.97			
100	QPSK	1	271		25.33			
100	QPSK	135	0		25.35		27.0	0.0
100	QPSK	135	69		25.93		27.0	0.0
100	QPSK	135	138		25.55		27.0	0.0
100	QPSK	270	0		25.55			
100	16QAM	1	1		24.32		26.0	1.0
100	64QAM	1	1		22.86		24.5	2.5
100	256QAM	1	1		20.52		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	25.82	25.88	25.92	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	25.92	25.93	25.86	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	25.93	25.83	25.85	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	25.93	25.91	25.87	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.93	25.87	25.93	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	25.85	25.84	25.84	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	25.92	25.93	25.88	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.89	25.89	25.83	27.0	0.0

PC3 Part27Q n78 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.10		25.0	0.0
100	PI/2 BPSK	1	137		23.80			
100	PI/2 BPSK	1	271		23.10			
100	PI/2 BPSK	135	0		23.26		25.0	0.0
100	PI/2 BPSK	135	69		23.69		25.0	0.0
100	PI/2 BPSK	135	138		23.24		25.0	0.0
100	PI/2 BPSK	270	0		23.28			
100	QPSK	1	1		23.10		25.0	0.0
100	QPSK	1	137		23.84			
100	QPSK	1	271		23.10			
100	QPSK	135	0		23.10		25.0	0.0
100	QPSK	135	69		23.79		25.0	0.0
100	QPSK	135	138		23.68		25.0	0.0
100	QPSK	270	0		23.71			
100	16QAM	1	1		22.63		24.0	1.0
100	64QAM	1	1		21.94		23.5	1.5
100	256QAM	1	1		20.19		21.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.70	23.74	23.76	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.71	23.77	23.80	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.78	23.78	23.70	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	23.70	23.78	23.79	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	23.81	23.73	23.76	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.80	23.79	23.80	25.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.75	23.76	23.74	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	23.70	23.74	23.70	25.0	0.0

PC2 Part27Q n78 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.12		27.0	0.0
100	PI/2 BPSK	1	137		25.72			
100	PI/2 BPSK	1	271		25.20			
100	PI/2 BPSK	135	0		25.33		27.0	0.0
100	PI/2 BPSK	135	69		25.70		27.0	0.0
100	PI/2 BPSK	135	138		25.10		27.0	0.0
100	PI/2 BPSK	270	0		25.10			
100	QPSK	1	1		25.01		27.0	0.0
100	QPSK	1	137		25.79			
100	QPSK	1	271		25.27			
100	QPSK	135	0		25.36		27.0	0.0
100	QPSK	135	69		25.71		27.0	0.0
100	QPSK	135	138		25.26		27.0	0.0
100	QPSK	270	0		25.31			
100	16QAM	1	1		24.93		26.0	1.0
100	64QAM	1	1		22.56		24.5	2.5
100	256QAM	1	1		21.03		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.06	25.03	25.09	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.14	25.10	25.15	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.08	25.14	25.05	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.07	25.07	25.07	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.09	25.03	25.12	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.11	25.05	25.08	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	25.10	25.14	25.09	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.07	25.08	25.06	27.0	0.0

Part27O n77 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.36	23.22	23.29	24.5	0.0
100	PI/2 BPSK	1	137	24.13	24.09	24.04		
100	PI/2 BPSK	1	271	23.01	23.07	23.03		
100	PI/2 BPSK	135	0	23.40	23.58	23.45	24.0	0.5
100	PI/2 BPSK	135	69	23.91	24.02	23.88	24.5	0.0
100	PI/2 BPSK	135	138	23.34	23.44	23.28	24.0	0.5
100	PI/2 BPSK	270	0	23.42	23.41	23.37		
100	QPSK	1	1	23.35	23.37	23.20	24.5	0.0
100	QPSK	1	137	24.21	24.28	24.20		
100	QPSK	1	271	23.02	23.10	23.14		
100	QPSK	135	0	23.11	22.99	22.97	23.5	1.0
100	QPSK	135	69	23.94	24.26	24.10	24.5	0.0
100	QPSK	135	138	22.77	22.81	22.81	23.5	1.0
100	QPSK	270	0	22.81	22.95	22.80		
100	16QAM	1	1	22.14	22.06	22.01	23.5	1.0
100	64QAM	1	1	20.51	20.55	20.51	22.0	2.5
100	256QAM	1	1	19.21	19.29	19.18	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	24.17	24.14	24.16	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	24.11	24.13	24.13	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	24.17	24.17	24.15	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	24.09	24.22	24.16	24.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.10	24.20	24.13	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	24.17	24.15	24.16	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	24.17	24.13	24.12	24.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.15	24.24	24.06	24.5	0.0

Part27Q n77 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.10		24.5	0.0
100	PI/2 BPSK	1	137		23.70			
100	PI/2 BPSK	1	271		23.03			
100	PI/2 BPSK	135	0		23.26		24.0	0.5
100	PI/2 BPSK	135	69		23.70		24.5	0.0
100	PI/2 BPSK	135	138		23.31		24.0	0.5
100	PI/2 BPSK	270	0		23.39			
100	QPSK	1	1		23.23		24.5	0.0
100	QPSK	1	137		23.76			
100	QPSK	1	271		23.19			
100	QPSK	135	0		22.43		23.5	1.0
100	QPSK	135	69		23.76		24.5	0.0
100	QPSK	135	138		22.61		23.5	1.0
100	QPSK	270	0		22.69			
100	16QAM	1	1		22.96		23.5	1.0
100	64QAM	1	1		21.48		22.0	2.5
100	256QAM	1	1		19.44		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	23.63	23.69	23.61	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	23.68	23.73	23.66	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	23.62	23.65	23.64	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	23.63	23.62	23.66	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	23.69	23.66	23.70	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	23.62	23.69	23.69	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	23.69	23.65	23.65	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	23.61	23.63	23.68	24.5	0.0

PC3 Part27O n78 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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.12		24.5	0.0
100	PI/2 BPSK	1	137		23.89			
100	PI/2 BPSK	1	271		23.09			
100	PI/2 BPSK	135	0		23.20		24.5	0.0
100	PI/2 BPSK	135	69		23.83		24.5	0.0
100	PI/2 BPSK	135	138		23.46		24.5	0.0
100	PI/2 BPSK	270	0		23.51			
100	QPSK	1	1		23.10		24.5	0.0
100	QPSK	1	137		23.92			
100	QPSK	1	271		23.14			
100	QPSK	135	0		23.23		24.5	0.0
100	QPSK	135	69		23.32		24.5	0.0
100	QPSK	135	138		23.06		24.5	0.0
100	QPSK	270	0		23.09			
100	16QAM	1	1		23.13		24.5	0.0
100	64QAM	1	1		22.64		23.5	1.0
100	256QAM	1	1		21.77		23.0	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.83	23.88	23.78	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	23.83	23.79	23.77	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	23.81	23.83	23.83	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	23.86	23.88	23.86	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.80	23.87	23.78	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	23.87	23.84	23.84	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	23.86	23.85	23.83	24.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.79	23.81	23.85	24.5	0.0

PC2 Part27O n78 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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		24.51		26.5	0.0
100	PI/2 BPSK	1	137		25.21			
100	PI/2 BPSK	1	271		24.64			
100	PI/2 BPSK	135	0		25.25		26.5	0.0
100	PI/2 BPSK	135	69		25.25		26.5	0.0
100	PI/2 BPSK	135	138		25.16		26.5	0.0
100	PI/2 BPSK	270	0		25.24			
100	QPSK	1	1		24.52		26.5	0.0
100	QPSK	1	137		25.35			
100	QPSK	1	271		24.74			
100	QPSK	135	0		25.21		26.5	0.0
100	QPSK	135	69		25.31		26.5	0.0
100	QPSK	135	138		25.12		26.5	0.0
100	QPSK	270	0		25.17			
100	16QAM	1	1		24.71		26.5	0.0
100	64QAM	1	1		23.54		25.0	1.5
100	256QAM	1	1		20.79		22.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.31	25.21	25.22	26.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.23	25.32	25.20	26.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.21	25.31	25.28	26.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.24	25.29	25.31	26.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.31	25.23	25.27	26.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.30	25.27	25.20	26.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.30	25.30	25.23	26.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.31	25.26	25.21	26.5	0.0

PC3 Part27Q n78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.08		24.5	0.0
100	PI/2 BPSK	1	137		23.57			
100	PI/2 BPSK	1	271		23.12			
100	PI/2 BPSK	135	0		23.52		24.5	0.0
100	PI/2 BPSK	135	69		23.60		24.5	0.0
100	PI/2 BPSK	135	138		23.45		24.5	0.0
100	PI/2 BPSK	270	0		23.53			
100	QPSK	1	1		23.14		24.5	0.0
100	QPSK	1	137		23.68			
100	QPSK	1	271		23.10			
100	QPSK	135	0		23.46		24.5	0.0
100	QPSK	135	69		23.55		24.5	0.0
100	QPSK	135	138		23.37		24.5	0.0
100	QPSK	270	0		23.34			
100	16QAM	1	1		23.10		24.5	0.0
100	64QAM	1	1		23.10		24.5	0.0
100	256QAM	1	1		22.34		23.0	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.60	23.64	23.61	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	23.62	23.53	23.54	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	23.61	23.54	23.59	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	23.57	23.61	23.57	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	23.61	23.57	23.57	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	23.55	23.55	23.60	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	23.61	23.64	23.62	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	23.61	23.54	23.59	24.5	0.0

PC2 Part27Q n78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.53		26.5	0.0
100	PI/2 BPSK	1	137		25.29			
100	PI/2 BPSK	1	271		24.79			
100	PI/2 BPSK	135	0		25.32		26.5	0.0
100	PI/2 BPSK	135	69		25.39		26.5	0.0
100	PI/2 BPSK	135	138		25.24		26.5	0.0
100	PI/2 BPSK	270	0		25.29			
100	QPSK	1	1		24.52		26.5	0.0
100	QPSK	1	137		25.50			
100	QPSK	1	271		24.90			
100	QPSK	135	0		25.36		26.5	0.0
100	QPSK	135	69		25.43		26.5	0.0
100	QPSK	135	138		25.21		26.5	0.0
100	QPSK	270	0		25.28			
100	16QAM	1	1		24.52		26.5	0.0
100	64QAM	1	1		23.97		25.0	1.5
100	256QAM	1	1		21.35		22.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.38	25.44	25.41	26.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.36	25.46	25.41	26.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.40	25.37	25.46	26.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.37	25.36	25.42	26.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.41	25.43	25.43	26.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.43	25.44	25.38	26.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.37	25.42	25.42	26.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.36	25.39	25.40	26.5	0.0

Part27O n77 Ant6 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	22.12	22.04	22.14	24.0	0.0
100	PI/2 BPSK	1	137	22.82	22.97	22.85		
100	PI/2 BPSK	1	271	22.12	22.18	22.08		
100	PI/2 BPSK	135	0	22.29	22.43	22.30	23.5	0.5
100	PI/2 BPSK	135	69	22.98	23.06	22.95	24.0	0.0
100	PI/2 BPSK	135	138	22.28	22.41	22.35	23.5	0.5
100	PI/2 BPSK	270	0	22.36	22.47	22.40		
100	QPSK	1	1	22.18	22.23	22.10	24.0	0.0
100	QPSK	1	137	23.06	23.18	23.01		
100	QPSK	1	271	22.05	22.16	22.02		
100	QPSK	135	0	21.75	21.89	21.78	23.0	1.0
100	QPSK	135	69	23.04	23.12	22.98	24.0	0.0
100	QPSK	135	138	21.84	21.92	21.82	23.0	1.0
100	QPSK	270	0	21.85	21.98	21.88		
100	16QAM	1	1	21.12	21.10	21.12	23.0	1.0
100	64QAM	1	1	19.54	19.52	19.53	21.5	2.5
100	256QAM	1	1	18.31	18.37	18.25	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	22.95	23.10	22.96	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	22.96	23.04	22.96	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.95	23.13	22.95	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.93	23.06	22.91	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.91	23.08	22.90	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	22.99	23.14	22.93	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	23.00	23.13	22.87	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.00	23.05	22.88	24.0	0.0

Part27Q n77 Ant6 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		22.09		24.0	0.0
100	PI/2 BPSK	1	137		23.13			
100	PI/2 BPSK	1	271		22.24			
100	PI/2 BPSK	135	0		22.44		23.5	0.5
100	PI/2 BPSK	135	69		23.16		24.0	0.0
100	PI/2 BPSK	135	138		22.41		23.5	0.5
100	PI/2 BPSK	270	0		22.54			
100	QPSK	1	1		22.13		24.0	0.0
100	QPSK	1	137		23.24			
100	QPSK	1	271		22.20			
100	QPSK	135	0		21.91		23.0	1.0
100	QPSK	135	69		23.17		24.0	0.0
100	QPSK	135	138		21.89		23.0	1.0
100	QPSK	270	0		21.92			
100	16QAM	1	1		21.12		23.0	1.0
100	64QAM	1	1		19.53		21.5	2.5
100	256QAM	1	1		18.32		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	23.14	23.16	23.12	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	23.16	23.13	23.16	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	23.18	23.10	23.17	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	23.17	23.16	23.20	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	23.15	23.12	23.18	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	23.19	23.18	23.17	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	23.21	23.20	23.16	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	23.17	23.14	23.20	24.0	0.0

PC3 Part27O n78 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.12		24.0	0.0
100	PI/2 BPSK	1	137		22.65			
100	PI/2 BPSK	1	271		22.15			
100	PI/2 BPSK	135	0		22.54		24.0	0.0
100	PI/2 BPSK	135	69		22.78		24.0	0.0
100	PI/2 BPSK	135	138		22.40		24.0	0.0
100	PI/2 BPSK	270	0		22.43			
100	QPSK	1	1		22.13		24.0	0.0
100	QPSK	1	137		22.79			
100	QPSK	1	271		22.14			
100	QPSK	135	0		22.46		24.0	0.0
100	QPSK	135	69		22.71		24.0	0.0
100	QPSK	135	138		22.46		24.0	0.0
100	QPSK	270	0		22.45			
100	16QAM	1	1		22.10		24.0	0.0
100	64QAM	1	1		22.01		24.0	0.0
100	256QAM	1	1		20.52		22.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.72	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	22.70	22.75	22.75	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	22.67	22.73	22.75	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	22.74	22.71	22.73	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.74	22.65	22.69	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	22.66	22.74	22.68	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	22.69	22.64	22.75	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.67	22.73	22.65	24.0	0.0

PC2 Part27O n78 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.13		27.0	0.0
100	PI/2 BPSK	1	137		25.50			
100	PI/2 BPSK	1	271		25.10			
100	PI/2 BPSK	135	0		25.28		26.5	0.5
100	PI/2 BPSK	135	69		25.59		27.0	0.0
100	PI/2 BPSK	135	138		25.19		26.5	0.5
100	PI/2 BPSK	270	0		25.13			
100	QPSK	1	1		25.06		27.0	0.0
100	QPSK	1	137		25.61			
100	QPSK	1	271		25.12			
100	QPSK	135	0		24.72		26.0	1.0
100	QPSK	135	69		25.54		27.0	0.0
100	QPSK	135	138		24.65		26.0	1.0
100	QPSK	270	0		24.66			
100	16QAM	1	1		24.10		26.0	1.0
100	64QAM	1	1		22.54		24.5	2.5
100	256QAM	1	1		20.51		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.51	25.57	25.55	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	25.54	25.56	25.51	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	25.51	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	25.51	25.56	25.52	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.54	25.53	25.53	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	25.51	25.51	25.48	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	25.49	25.49	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	25.55	25.48	25.51	27.0	0.0

PC3 Part27Q n78 Ant6 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		22.12		24.0	0.0
100	PI/2 BPSK	1	137		22.72			
100	PI/2 BPSK	1	271		22.10			
100	PI/2 BPSK	135	0		22.53		24.0	0.0
100	PI/2 BPSK	135	69		22.78		24.0	0.0
100	PI/2 BPSK	135	138		22.59		24.0	0.0
100	PI/2 BPSK	270	0		22.71			
100	QPSK	1	1		22.10		24.0	0.0
100	QPSK	1	137		22.82			
100	QPSK	1	271		22.17			
100	QPSK	135	0		22.59		24.0	0.0
100	QPSK	135	69		22.78		24.0	0.0
100	QPSK	135	138		22.51		24.0	0.0
100	QPSK	270	0		22.67			
100	16QAM	1	1		22.10		24.0	0.0
100	64QAM	1	1		22.13		24.0	0.0
100	256QAM	1	1		20.61		22.5	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.71	22.74	22.73	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	22.68	22.70	22.76	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	22.76	22.69	22.74	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	22.75	22.79	22.69	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	22.77	22.77	22.68	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	22.77	22.75	22.77	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	22.75	22.67	22.73	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	22.72	22.73	22.74	24.0	0.0

PC2 Part27Q n78 Ant6 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		25.01		27.0	0.0
100	PI/2 BPSK	1	137		25.42			
100	PI/2 BPSK	1	271		25.26			
100	PI/2 BPSK	135	0		25.31		26.5	0.5
100	PI/2 BPSK	135	69		25.33		27.0	0.0
100	PI/2 BPSK	135	138		25.21		26.5	0.5
100	PI/2 BPSK	270	0		25.33			
100	QPSK	1	1		25.12		27.0	0.0
100	QPSK	1	137		25.64			
100	QPSK	1	271		25.35			
100	QPSK	135	0		25.01		26.0	1.0
100	QPSK	135	69		25.54		27.0	0.0
100	QPSK	135	138		25.23		26.0	1.0
100	QPSK	270	0		25.31			
100	16QAM	1	1		25.12		26.0	1.0
100	64QAM	1	1		22.52		24.5	2.5
100	256QAM	1	1		20.51		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.39	25.40	25.33	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.30	25.31	25.35	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.34	25.38	25.30	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.31	25.35	25.34	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.37	25.39	25.41	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.39	25.34	25.35	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.29	25.38	25.36	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.33	25.30	25.31	27.0	0.0

n2 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.72	20.75	20.62	22.0	0.0
20	PI/2 BPSK	1	26	20.63	20.71	20.64		
20	PI/2 BPSK	1	49	20.55	20.68	20.58		
20	PI/2 BPSK	25	0	20.03	20.18	20.07	21.5	0.5
20	PI/2 BPSK	25	13	20.70	20.73	20.63	22.0	0.0
20	PI/2 BPSK	25	26	20.08	20.20	20.06	21.5	0.5
20	PI/2 BPSK	50	0	20.20	20.27	20.15		
20	QPSK	1	1	20.76	20.83	20.71	22.0	0.0
20	QPSK	1	26	20.69	20.79	20.73		
20	QPSK	1	49	20.52	20.58	20.55		
20	QPSK	25	0	19.58	19.71	19.67	21.0	1.0
20	QPSK	25	13	20.68	20.79	20.73	22.0	0.0
20	QPSK	25	26	19.58	19.68	19.57	21.0	1.0
20	QPSK	50	0	19.61	19.72	19.59		
20	16QAM	1	1	19.41	19.48	19.41	21.0	1.0
20	64QAM	1	1	18.08	18.14	18.03	19.5	2.5
20	256QAM	1	1	16.61	16.68	16.54	17.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.65	20.80	20.57	22.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.68	20.71	20.63	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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.68	21.73	21.70	23.0	0.0
20	PI/2 BPSK	1	26	21.52	21.57	21.45		
20	PI/2 BPSK	1	49	21.46	21.54	21.48		
20	PI/2 BPSK	25	0	21.14	21.23	21.18	22.5	0.5
20	PI/2 BPSK	25	13	21.66	21.69	21.64	23.0	0.0
20	PI/2 BPSK	25	26	21.09	21.24	21.15	22.5	0.5
20	PI/2 BPSK	50	0	21.15	21.29	21.15		
20	QPSK	1	1	21.71	21.76	21.63	23.0	0.0
20	QPSK	1	26	21.60	21.65	21.57		
20	QPSK	1	49	21.44	21.50	21.43		
20	QPSK	25	0	20.60	20.75	20.65	22.0	1.0
20	QPSK	25	13	21.60	21.70	21.62	23.0	0.0
20	QPSK	25	26	20.54	20.66	20.58	22.0	1.0
20	QPSK	50	0	20.69	20.73	20.62		
20	16QAM	1	1	20.29	20.41	20.38	22.0	1.0
20	64QAM	1	1	18.78	18.92	18.89	20.5	2.5
20	256QAM	1	1	17.40	17.52	17.46	18.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.62	21.71	21.53	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.66	21.69	21.49	23.0	0.0

Part27O n77 Ant11 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.21	23.28	23.08	25.0	0.0
100	PI/2 BPSK	1	137	24.31	24.42	24.38		
100	PI/2 BPSK	1	271	23.67	23.79	23.72		
100	PI/2 BPSK	135	0	23.39	23.47	23.48	24.5	0.5
100	PI/2 BPSK	135	69	24.37	24.41	24.28	25.0	0.0
100	PI/2 BPSK	135	138	23.87	23.97	23.84	24.5	0.5
100	PI/2 BPSK	270	0	23.62	23.69	23.63		
100	QPSK	1	1	23.28	23.33	23.13	25.0	0.0
100	QPSK	1	137	24.41	24.45	24.36		
100	QPSK	1	271	23.68	23.75	23.76		
100	QPSK	135	0	22.95	23.05	22.91	24.0	1.0
100	QPSK	135	69	24.38	24.42	24.25	25.0	0.0
100	QPSK	135	138	23.36	23.38	23.27	24.0	1.0
100	QPSK	270	0	23.08	23.16	23.03		
100	16QAM	1	1	22.07	22.16	22.13	24.0	1.0
100	64QAM	1	1	20.62	20.70	20.61	22.5	2.5
100	256QAM	1	1	19.01	19.03	18.97	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.29	24.41	24.27	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.37	24.40	24.23	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.31	24.39	24.30	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.30	24.40	24.27	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.38	24.37	24.24	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.26	24.30	24.24	25.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	24.28	24.34	24.29	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.28	24.31	24.22	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.31	24.42	24.28	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.36	24.34	24.26	25.0	0.0

Part27Q n77 Ant11 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.74		25.0	0.0
100	PI/2 BPSK	1	137		24.71			
100	PI/2 BPSK	1	271		24.29			
100	PI/2 BPSK	135	0		24.02		24.5	0.5
100	PI/2 BPSK	135	69		24.73		25.0	0.0
100	PI/2 BPSK	135	138		24.42		24.5	0.5
100	PI/2 BPSK	270	0		24.17			
100	QPSK	1	1		23.85		25.0	0.0
100	QPSK	1	137		24.77			
100	QPSK	1	271		24.30			
100	QPSK	135	0		23.53		24.0	1.0
100	QPSK	135	69		24.69		25.0	0.0
100	QPSK	135	138		23.59		24.0	1.0
100	QPSK	270	0		23.64			
100	16QAM	1	1		22.73		24.0	1.0
100	64QAM	1	1		21.17		22.5	2.5
100	256QAM	1	1		19.52		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	24.66	24.65	24.72	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	24.68	24.71	24.72	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	24.66	24.72	24.62	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.63	24.73	24.72	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.73	24.67	24.62	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	24.69	24.69	24.73	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	24.63	24.66	24.64	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	24.65	24.62	24.62	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.46		24.0	0.0
100	PI/2 BPSK	1	137		23.31			
100	PI/2 BPSK	1	271		22.75			
100	PI/2 BPSK	135	0		22.94		24.0	0.0
100	PI/2 BPSK	135	69		23.24		24.0	0.0
100	PI/2 BPSK	135	138		23.24		24.0	0.0
100	PI/2 BPSK	270	0		23.08			
100	QPSK	1	1		22.53		24.0	0.0
100	QPSK	1	137		23.35			
100	QPSK	1	271		22.72			
100	QPSK	135	0		22.98		24.0	0.0
100	QPSK	135	69		23.30		24.0	0.0
100	QPSK	135	138		23.24		24.0	0.0
100	QPSK	270	0		23.11			
100	16QAM	1	1		22.12		24.0	0.0
100	64QAM	1	1		22.13		24.0	0.0
100	256QAM	1	1		20.83		22.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.23	23.26	23.30	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.29	23.20	23.32	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	23.25	23.28	23.22	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.21	23.25	23.24	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.24	23.23	23.22	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.32	23.31	23.31	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.25	23.23	23.26	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.32	23.28	23.28	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.12		27.0	0.0
100	PI/2 BPSK	1	137		26.09			
100	PI/2 BPSK	1	271		25.58			
100	PI/2 BPSK	135	0		25.48		26.5	0.5
100	PI/2 BPSK	135	69		26.12		27.0	0.0
100	PI/2 BPSK	135	138		25.76		26.5	0.5
100	PI/2 BPSK	270	0		25.59			
100	QPSK	1	1		25.10		27.0	0.0
100	QPSK	1	137		26.16			
100	QPSK	1	271		25.63			
100	QPSK	135	0		24.96		26.0	1.0
100	QPSK	135	69		26.09		27.0	0.0
100	QPSK	135	138		25.21		26.0	1.0
100	QPSK	270	0		25.09			
100	16QAM	1	1		24.13		26.0	1.0
100	64QAM	1	1		22.51		24.5	2.5
100	256QAM	1	1		20.52		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	26.09	26.12	26.06	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	26.08	26.09	26.03	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.11	26.08	26.04	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.11	26.10	26.13	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.11	26.03	26.08	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.08	26.09	26.11	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	26.05	26.03	26.06	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26.09	26.05	26.10	27.0	0.0

PC3 Part27Q 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.33		24.0	0.0
100	PI/2 BPSK	1	137		22.38			
100	PI/2 BPSK	1	271		22.33			
100	PI/2 BPSK	135	0		22.53		24.0	0.0
100	PI/2 BPSK	135	69		22.51		24.0	0.0
100	PI/2 BPSK	135	138		22.33		24.0	0.0
100	PI/2 BPSK	270	0		22.35			
100	QPSK	1	1		22.33		24.0	0.0
100	QPSK	1	137		22.54			
100	QPSK	1	271		22.33			
100	QPSK	135	0		22.38		24.0	0.0
100	QPSK	135	69		22.52		24.0	0.0
100	QPSK	135	138		22.35		24.0	0.0
100	QPSK	270	0		22.33			
100	16QAM	1	1		22.35		24.0	0.0
100	64QAM	1	1		22.35		24.0	0.0
100	256QAM	1	1		21.08		22.5	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.07	22.13	22.08	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	22.18	22.16	22.17	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	22.15	22.08	22.12	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	22.15	22.09	22.14	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	22.15	22.15	22.18	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	22.18	22.18	22.11	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	22.15	22.10	22.15	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	22.14	22.11	22.07	24.0	0.0

PC2 Part27Q 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.01		27.0	0.0
100	PI/2 BPSK	1	137		25.15			
100	PI/2 BPSK	1	271		25.01			
100	PI/2 BPSK	135	0		24.81		26.5	0.5
100	PI/2 BPSK	135	69		25.27		27.0	0.0
100	PI/2 BPSK	135	138		24.54		26.5	0.5
100	PI/2 BPSK	270	0		24.56			
100	QPSK	1	1		25.01		27.0	0.0
100	QPSK	1	137		25.28			
100	QPSK	1	271		25.02			
100	QPSK	135	0		24.30		26.0	1.0
100	QPSK	135	69		25.22		27.0	0.0
100	QPSK	135	138		24.01		26.0	1.0
100	QPSK	270	0		24.12			
100	16QAM	1	1		24.02		26.0	1.0
100	64QAM	1	1		22.51		24.5	2.5
100	256QAM	1	1		20.52		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.16	25.23	25.19	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.18	25.13	25.21	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.15	25.14	25.14	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.20	25.17	25.24	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.15	25.25	25.18	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.18	25.22	25.24	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.15	25.20	25.24	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.16	25.18	25.22	27.0	0.0

Reduced Power for DSI 2 for 5G NR DFT-30 for Main PA

n2 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.78	22.82	22.70	24.0	0.0
20	PI/2 BPSK	1	26	22.59	22.73	22.65		
20	PI/2 BPSK	1	49	22.63	22.68	22.56		
20	PI/2 BPSK	25	0	22.16	22.31	22.20	23.5	0.5
20	PI/2 BPSK	25	13	22.77	22.81	22.73	24.0	0.0
20	PI/2 BPSK	25	26	22.11	22.23	22.15	23.5	0.5
20	PI/2 BPSK	50	0	22.20	22.29	22.24		
20	QPSK	1	1	22.83	22.88	22.78	24.0	0.0
20	QPSK	1	26	22.73	22.76	22.64		
20	QPSK	1	49	22.63	22.71	22.58		
20	QPSK	25	0	21.68	21.78	21.71	23.0	1.0
20	QPSK	25	13	22.74	22.85	22.78	24.0	0.0
20	QPSK	25	26	21.69	21.74	21.62	23.0	1.0
20	QPSK	50	0	21.74	21.81	21.75		
20	16QAM	1	1	21.43	21.51	21.44	23.0	1.0
20	64QAM	1	1	20.12	20.16	20.08	21.5	2.5
20	256QAM	1	1	18.63	18.70	18.57	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.76	22.85	22.70	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.79	22.81	22.64	24.0	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	23.00	23.05	22.94	24.0	0.0
20	PI/2 BPSK	1	26	22.90	23.00	22.89		
20	PI/2 BPSK	1	49	22.84	22.96	22.84		
20	PI/2 BPSK	25	0	22.57	22.62	22.55	23.5	0.5
20	PI/2 BPSK	25	13	22.91	23.06	23.02	24.0	0.0
20	PI/2 BPSK	25	26	22.43	22.54	22.46	23.5	0.5
20	PI/2 BPSK	50	0	22.54	22.63	22.54		
20	QPSK	1	1	23.04	23.14	23.10	24.0	0.0
20	QPSK	1	26	22.93	23.04	22.99		
20	QPSK	1	49	22.79	22.90	22.84		
20	QPSK	25	0	22.10	22.16	22.13	23.0	1.0
20	QPSK	25	13	22.95	23.06	22.95	24.0	0.0
20	QPSK	25	26	22.00	22.03	22.00	23.0	1.0
20	QPSK	50	0	22.06	22.11	21.97		
20	16QAM	1	1	21.69	21.76	21.70	23.0	1.0
20	64QAM	1	1	20.14	20.19	20.15	21.5	2.5
20	256QAM	1	1	18.63	18.75	18.69	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.98	23.08	23.03	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.90	23.01	22.96	24.0	0.0

n7 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.92	23.02	22.87	24.0	0.0
20	PI/2 BPSK	1	26	22.81	22.96	22.84		
20	PI/2 BPSK	1	49	22.87	22.91	22.78		
20	PI/2 BPSK	25	0	22.38	22.52	22.47	23.5	0.5
20	PI/2 BPSK	25	13	22.97	23.01	22.95	24.0	0.0
20	PI/2 BPSK	25	26	22.50	22.54	22.40	23.5	0.5
20	PI/2 BPSK	50	0	22.45	22.58	22.48		
20	QPSK	1	1	22.97	23.06	23.04	24.0	0.0
20	QPSK	1	26	22.92	23.02	22.98		
20	QPSK	1	49	22.88	22.94	22.85		
20	QPSK	25	0	21.89	22.01	21.91	23.0	1.0
20	QPSK	25	13	22.98	23.03	22.91	24.0	0.0
20	QPSK	25	26	21.98	22.07	21.96	23.0	1.0
20	QPSK	50	0	22.02	22.11	21.97		
20	16QAM	1	1	21.53	21.64	21.49	23.0	1.0
20	64QAM	1	1	20.22	20.28	20.24	21.5	2.5
20	256QAM	1	1	18.83	18.86	18.72	19.5	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.89	23.00	22.98	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.83	22.98	22.94	24.0	0.0

n38 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.29	22.39	22.36	24.0	0.0
40	PI/2 BPSK	1	53	22.97	23.07	22.92		
40	PI/2 BPSK	1	104	22.49	22.56	22.50		
40	PI/2 BPSK	50	0	22.34	22.48	22.45	23.5	0.5
40	PI/2 BPSK	50	28	22.95	23.07	22.93	24.0	0.0
40	PI/2 BPSK	50	56	22.33	22.36	22.24	23.5	0.5
40	PI/2 BPSK	100	0	22.37	22.49	22.37		
40	QPSK	1	1	22.33	22.44	22.41	24.0	0.0
40	QPSK	1	53	23.07	23.11	23.02		
40	QPSK	1	104	22.49	22.53	22.44		
40	QPSK	50	0	21.75	21.90	21.82	23.0	1.0
40	QPSK	50	28	22.92	23.03	22.96	24.0	0.0
40	QPSK	50	56	21.78	21.87	21.77	23.0	1.0
40	QPSK	100	0	21.83	21.95	21.88		
40	16QAM	1	1	21.08	21.16	21.05	23.0	1.0
40	64QAM	1	1	19.73	19.83	19.75	21.5	2.5
40	256QAM	1	1	18.34	18.42	18.32	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	23.01	22.99	22.97	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.97	22.97	22.98	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.02	23.00	22.93	19.0	2.5
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.03	23.04	22.95	19.0	2.5
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.99	23.08	22.90	15.0	4.5

n41 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.02	22.06	22.03	24.0	0.0
100	PI/2 BPSK	1	137	23.06	23.09	22.99		
100	PI/2 BPSK	1	271	22.01	22.10	22.04		
100	PI/2 BPSK	135	0	22.35	22.38	22.27	23.5	0.5
100	PI/2 BPSK	135	69	23.07	23.16	23.13	24.0	0.0
100	PI/2 BPSK	135	138	22.26	22.37	22.24	23.5	0.5
100	PI/2 BPSK	270	0	22.32	22.44	22.35		
100	QPSK	1	1	22.03	22.11	22.07	24.0	0.0
100	QPSK	1	137	23.16	23.21	22.98		
100	QPSK	1	271	22.10	22.14	22.11		
100	QPSK	135	0	21.83	21.90	21.85	23.0	1.0
100	QPSK	135	69	23.01	23.12	23.09	24.0	0.0
100	QPSK	135	138	21.74	21.87	21.74	23.0	1.0
100	QPSK	270	0	21.81	21.89	21.84		
100	16QAM	1	1	21.18	21.23	21.13	23.0	1.0
100	64QAM	1	1	19.68	19.74	19.66	21.5	2.5
100	256QAM	1	1	18.23	18.31	18.26	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.05	23.08	22.93	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	23.08	23.17	22.89	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.05	23.10	22.93	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.11	23.13	22.94	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.01	23.08	22.86	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.04	23.06	22.85	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.12	23.09	22.84	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.09	23.18	22.94	24.0	0.0

Part27O n77 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.14	23.55	24.02	25.0	0.0
100	PI/2 BPSK	1	137	24.26	24.76	24.70		
100	PI/2 BPSK	1	271	23.16	23.60	23.78		
100	PI/2 BPSK	135	0	23.65	24.03	23.95	24.5	0.5
100	PI/2 BPSK	135	69	24.23	24.63	24.59	25.0	0.0
100	PI/2 BPSK	135	138	23.87	24.30	24.24	24.5	0.5
100	PI/2 BPSK	270	0	23.79	24.30	24.23		
100	QPSK	1	1	23.20	23.55	24.08	25.0	0.0
100	QPSK	1	137	24.31	24.79	24.72		
100	QPSK	1	271	23.13	23.56	23.81		
100	QPSK	135	0	23.14	23.62	23.58	24.0	1.0
100	QPSK	135	69	24.30	24.64	24.61	25.0	0.0
100	QPSK	135	138	23.26	23.69	23.56	24.0	1.0
100	QPSK	270	0	23.28	23.78	23.73		
100	16QAM	1	1	22.54	22.89	22.84	24.0	1.0
100	64QAM	1	1	21.09	21.59	21.51	22.5	2.5
100	256QAM	1	1	19.58	19.98	19.87	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.21	24.75	24.59	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.25	24.67	24.67	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.28	24.64	24.65	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.21	24.69	24.59	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.21	24.74	24.58	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.23	24.71	24.67	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.22	24.66	24.68	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.18	24.69	24.60	25.0	0.0

Part27Q n77 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.29		25.0	0.0
100	PI/2 BPSK	1	137		24.44			
100	PI/2 BPSK	1	271		23.29			
100	PI/2 BPSK	135	0		23.69		25.0	0.0
100	PI/2 BPSK	135	69		24.34		25.0	0.0
100	PI/2 BPSK	135	138		24.02		25.0	0.0
100	PI/2 BPSK	270	0		23.98			
100	QPSK	1	1		23.23		25.0	0.0
100	QPSK	1	137		24.50			
100	QPSK	1	271		23.22			
100	QPSK	135	0		23.37		25.0	0.0
100	QPSK	135	69		24.40		25.0	0.0
100	QPSK	135	138		23.44		25.0	0.0
100	QPSK	270	0		23.48			
100	16QAM	1	1		22.66		24.0	1.0
100	64QAM	1	1		21.69		23.5	1.5
100	256QAM	1	1		19.64		21.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.46	24.46	24.37	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	24.38	24.44	24.40	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	24.37	24.36	24.45	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.36	24.46	24.38	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.43	24.41	24.40	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	24.47	24.39	24.42	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	24.46	24.42	24.42	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	24.42	24.40	24.36	25.0	0.0

PC3 Part27O n78 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.10		25.0	0.0
100	PI/2 BPSK	1	137		23.78			
100	PI/2 BPSK	1	271		23.10			
100	PI/2 BPSK	135	0		23.65		25.0	0.0
100	PI/2 BPSK	135	69		23.81		25.0	0.0
100	PI/2 BPSK	135	138		23.73		25.0	0.0
100	PI/2 BPSK	270	0		23.79			
100	QPSK	1	1		23.10		25.0	0.0
100	QPSK	1	137		23.93			
100	QPSK	1	271		23.10			
100	QPSK	135	0		23.53		25.0	0.0
100	QPSK	135	69		23.88		25.0	0.0
100	QPSK	135	138		23.57		25.0	0.0
100	QPSK	270	0		23.64			
100	16QAM	1	1		22.41		24.0	1.0
100	64QAM	1	1		21.95		23.5	1.5
100	256QAM	1	1		20.37		21.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.78	23.88	23.82	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	23.78	23.87	23.83	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	23.86	23.79	23.84	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	23.85	23.83	23.80	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.85	23.84	23.82	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	23.84	23.87	23.86	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	23.84	23.81	23.88	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.82	23.79	23.89	25.0	0.0

PC2 Part27O n78 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.18		27.0	0.0
100	PI/2 BPSK	1	137		25.93			
100	PI/2 BPSK	1	271		25.31			
100	PI/2 BPSK	135	0		25.35		27.0	0.0
100	PI/2 BPSK	135	69		25.95		27.0	0.0
100	PI/2 BPSK	135	138		25.33		27.0	0.0
100	PI/2 BPSK	270	0		25.47			
100	QPSK	1	1		25.22		27.0	0.0
100	QPSK	1	137		25.97			
100	QPSK	1	271		25.33			
100	QPSK	135	0		25.35		27.0	0.0
100	QPSK	135	69		25.93		27.0	0.0
100	QPSK	135	138		25.55		27.0	0.0
100	QPSK	270	0		25.55			
100	16QAM	1	1		24.32		26.0	1.0
100	64QAM	1	1		22.86		24.5	2.5
100	256QAM	1	1		20.52		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	25.82	25.88	25.92	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	25.92	25.93	25.86	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	25.93	25.83	25.85	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	25.93	25.91	25.87	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.93	25.87	25.93	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	25.85	25.84	25.84	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	25.92	25.93	25.88	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.89	25.89	25.83	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.10		25.0	0.0
100	PI/2 BPSK	1	137		23.80			
100	PI/2 BPSK	1	271		23.10			
100	PI/2 BPSK	135	0		23.26		25.0	0.0
100	PI/2 BPSK	135	69		23.69		25.0	0.0
100	PI/2 BPSK	135	138		23.24		25.0	0.0
100	PI/2 BPSK	270	0		23.28			
100	QPSK	1	1		23.10		25.0	0.0
100	QPSK	1	137		23.84			
100	QPSK	1	271		23.10			
100	QPSK	135	0		23.10		25.0	0.0
100	QPSK	135	69		23.79		25.0	0.0
100	QPSK	135	138		23.68		25.0	0.0
100	QPSK	270	0		23.71			
100	16QAM	1	1		22.63		24.0	1.0
100	64QAM	1	1		21.94		23.5	1.5
100	256QAM	1	1		20.19		21.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.70	23.74	23.76	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.71	23.77	23.80	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.78	23.78	23.70	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	23.70	23.78	23.79	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	23.81	23.73	23.76	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.80	23.79	23.80	25.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.75	23.76	23.74	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	23.70	23.74	23.70	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.12		27.0	0.0
100	PI/2 BPSK	1	137		25.72			
100	PI/2 BPSK	1	271		25.20			
100	PI/2 BPSK	135	0		25.33		27.0	0.0
100	PI/2 BPSK	135	69		25.70		27.0	0.0
100	PI/2 BPSK	135	138		25.10		27.0	0.0
100	PI/2 BPSK	270	0		25.10			
100	QPSK	1	1		25.01		27.0	0.0
100	QPSK	1	137		25.79			
100	QPSK	1	271		25.27			
100	QPSK	135	0		25.36		27.0	0.0
100	QPSK	135	69		25.71		27.0	0.0
100	QPSK	135	138		25.26		27.0	0.0
100	QPSK	270	0		25.31			
100	16QAM	1	1		24.93		26.0	1.0
100	64QAM	1	1		22.56		24.5	2.5
100	256QAM	1	1		21.03		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.06	25.03	25.09	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.14	25.10	25.15	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.08	25.14	25.05	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.07	25.07	25.07	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.09	25.03	25.12	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.11	25.05	25.08	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	25.10	25.14	25.09	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.07	25.08	25.06	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.50	21.65	21.48	22.0	0.0
100	PI/2 BPSK	1	137	21.50	21.69	21.54		
100	PI/2 BPSK	1	271	21.63	21.72	21.56		
100	PI/2 BPSK	135	0	21.60	21.64	21.38	22.0	0.0
100	PI/2 BPSK	135	69	21.62	21.63	21.59	22.0	0.0
100	PI/2 BPSK	135	138	21.52	21.69	21.57	22.0	0.0
100	PI/2 BPSK	270	0	21.48	21.69	21.41		
100	QPSK	1	1	21.65	21.70	21.44	22.0	0.0
100	QPSK	1	137	21.66	21.85	21.58		
100	QPSK	1	271	21.62	21.80	21.39		
100	QPSK	135	0	21.68	21.68	21.55	22.0	0.0
100	QPSK	135	69	21.44	21.80	21.51	22.0	0.0
100	QPSK	135	138	21.53	21.79	21.59	22.0	0.0
100	QPSK	270	0	21.60	21.73	21.40		
100	16QAM	1	1	21.62	21.84	21.41	22.0	0.0
100	64QAM	1	1	21.56	21.55	21.53	22.0	0.0
100	256QAM	1	1	19.20	19.08	19.01	20.0	2.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.57	21.84	21.43	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.49	21.82	21.38	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.66	21.81	21.46	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.55	21.64	21.42	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.57	21.69	21.57	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.47	21.69	21.53	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.59	21.63	21.59	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.44	21.82	21.43	22.0	0.0

Part27Q n77 Ant4 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.29		22.0	0.0
100	PI/2 BPSK	1	137		21.31			
100	PI/2 BPSK	1	271		21.23			
100	PI/2 BPSK	135	0		21.29		22.0	0.0
100	PI/2 BPSK	135	69		21.36		22.0	0.0
100	PI/2 BPSK	135	138		21.22		22.0	0.0
100	PI/2 BPSK	270	0		21.22			
100	QPSK	1	1		21.26		22.0	0.0
100	QPSK	1	137		21.42			
100	QPSK	1	271		21.21			
100	QPSK	135	0		21.30		22.0	0.0
100	QPSK	135	69		21.34		22.0	0.0
100	QPSK	135	138		21.18		22.0	0.0
100	QPSK	270	0		21.16			
100	16QAM	1	1		21.16		22.0	0.0
100	64QAM	1	1		21.35		22.0	0.0
100	256QAM	1	1		19.44		20.0	2.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.30	21.36	21.24	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.32	21.13	21.27	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.20	21.17	21.28	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.33	21.16	21.35	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.26	21.14	21.19	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.23	21.26	21.19	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.21	21.21	21.17	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.14	21.27	21.26	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.73		23.5	0.0
100	PI/2 BPSK	1	137		22.71			
100	PI/2 BPSK	1	271		22.63			
100	PI/2 BPSK	135	0		22.68		23.5	0.0
100	PI/2 BPSK	135	69		22.70		23.5	0.0
100	PI/2 BPSK	135	138		22.73		23.5	0.0
100	PI/2 BPSK	270	0		22.77			
100	QPSK	1	1		22.80		23.5	0.0
100	QPSK	1	137		22.85			
100	QPSK	1	271		22.75			
100	QPSK	135	0		22.74		23.5	0.0
100	QPSK	135	69		22.80		23.5	0.0
100	QPSK	135	138		22.68		23.5	0.0
100	QPSK	270	0		22.63			
100	16QAM	1	1		22.83		23.5	0.0
100	64QAM	1	1		22.64		23.5	0.0
100	256QAM	1	1		21.82		23.0	0.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.54	22.52	22.44	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	22.47	22.57	22.63	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	22.58	22.43	22.42	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	22.58	22.55	22.64	23.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.54	22.43	22.59	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	22.62	22.41	22.64	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	22.51	22.45	22.62	23.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.53	22.50	22.44	23.5	0.0

PC2 Part27O n78 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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		24.51		26.5	0.0
100	PI/2 BPSK	1	137		25.21			
100	PI/2 BPSK	1	271		24.64			
100	PI/2 BPSK	135	0		25.25		26.5	0.0
100	PI/2 BPSK	135	69		25.25		26.5	0.0
100	PI/2 BPSK	135	138		25.16		26.5	0.0
100	PI/2 BPSK	270	0		25.24			
100	QPSK	1	1		24.52		26.5	0.0
100	QPSK	1	137		25.35			
100	QPSK	1	271		24.74			
100	QPSK	135	0		25.21		26.5	0.0
100	QPSK	135	69		25.31		26.5	0.0
100	QPSK	135	138		25.12		26.5	0.0
100	QPSK	270	0		25.17			
100	16QAM	1	1		24.71		26.5	0.0
100	64QAM	1	1		23.54		25.0	1.5
100	256QAM	1	1		20.79		22.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.31	25.21	25.22	26.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.23	25.32	25.20	26.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.21	25.31	25.28	26.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.24	25.29	25.31	26.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.31	25.23	25.27	26.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.30	25.27	25.20	26.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.30	25.30	25.23	26.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.31	25.26	25.21	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.58		23.5	0.0
100	PI/2 BPSK	1	137		22.40			
100	PI/2 BPSK	1	271		22.31			
100	PI/2 BPSK	135	0		22.48		23.5	0.0
100	PI/2 BPSK	135	69		22.48		23.5	0.0
100	PI/2 BPSK	135	138		22.47		23.5	0.0
100	PI/2 BPSK	270	0		22.51			
100	QPSK	1	1		22.52		23.5	0.0
100	QPSK	1	137		22.72			
100	QPSK	1	271		22.56			
100	QPSK	135	0		22.57		23.5	0.0
100	QPSK	135	69		22.65		23.5	0.0
100	QPSK	135	138		22.49		23.5	0.0
100	QPSK	270	0		22.30			
100	16QAM	1	1		22.55		23.5	0.0
100	64QAM	1	1		22.35		23.5	0.0
100	256QAM	1	1		21.67		23.0	0.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.34	22.37	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	22.35	22.48	22.48	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	22.31	22.42	22.45	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	22.42	22.31	22.30	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	22.38	22.41	22.44	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	22.36	22.30	22.43	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	22.44	22.29	22.28	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	22.27	22.42	22.40	23.5	0.0

PC2 Part27Q n78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.53		26.5	0.0
100	PI/2 BPSK	1	137		25.29			
100	PI/2 BPSK	1	271		24.79			
100	PI/2 BPSK	135	0		25.32		26.5	0.0
100	PI/2 BPSK	135	69		25.39		26.5	0.0
100	PI/2 BPSK	135	138		25.24		26.5	0.0
100	PI/2 BPSK	270	0		25.29			
100	QPSK	1	1		24.52		26.5	0.0
100	QPSK	1	137		25.50			
100	QPSK	1	271		24.90			
100	QPSK	135	0		25.36		26.5	0.0
100	QPSK	135	69		25.43		26.5	0.0
100	QPSK	135	138		25.21		26.5	0.0
100	QPSK	270	0		25.28			
100	16QAM	1	1		24.52		26.5	0.0
100	64QAM	1	1		23.97		25.0	1.5
100	256QAM	1	1		21.35		22.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.38	25.44	25.41	26.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.36	25.46	25.41	26.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.40	25.37	25.46	26.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.37	25.36	25.42	26.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.41	25.43	25.43	26.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.43	25.44	25.38	26.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.37	25.42	25.42	26.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.36	25.39	25.40	26.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.49	17.48	17.31	18.5	0.0
100	PI/2 BPSK	1	137	17.41	17.45	17.23		
100	PI/2 BPSK	1	271	17.51	17.43	17.38		
100	PI/2 BPSK	135	0	17.46	17.55	17.43	18.5	0.0
100	PI/2 BPSK	135	69	17.43	17.38	17.29	18.5	0.0
100	PI/2 BPSK	135	138	17.45	17.56	17.22	18.5	0.0
100	PI/2 BPSK	270	0	17.46	17.38	17.42		
100	QPSK	1	1	17.35	17.52	17.33	18.5	0.0
100	QPSK	1	137	17.49	17.59	17.43		
100	QPSK	1	271	17.47	17.45	17.29		
100	QPSK	135	0	17.42	17.52	17.29	18.5	0.0
100	QPSK	135	69	17.42	17.55	17.32	18.5	0.0
100	QPSK	135	138	17.35	17.48	17.41	18.5	0.0
100	QPSK	270	0	17.31	17.53	17.35		
100	16QAM	1	1	17.45	17.42	17.31	18.5	0.0
100	64QAM	1	1	17.28	17.53	17.43	18.5	0.0
100	256QAM	1	1	17.37	17.56	17.35	18.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.35	17.38	17.33	18.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.17	17.21	17.17	18.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.32	17.20	17.34	18.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.16	17.33	17.32	18.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.17	17.17	17.33	18.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.31	17.23	17.21	18.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.22	17.22	17.21	18.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.33	17.18	17.22	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.75		18.5	0.0
100	PI/2 BPSK	1	137		17.57			
100	PI/2 BPSK	1	271		17.77			
100	PI/2 BPSK	135	0		17.59		18.5	0.0
100	PI/2 BPSK	135	69		17.67		18.5	0.0
100	PI/2 BPSK	135	138		17.60		18.5	0.0
100	PI/2 BPSK	270	0		17.66			
100	QPSK	1	1		17.62		18.5	0.0
100	QPSK	1	137		17.80			
100	QPSK	1	271		17.65			
100	QPSK	135	0		17.59		18.5	0.0
100	QPSK	135	69		17.77		18.5	0.0
100	QPSK	135	138		17.58		18.5	0.0
100	QPSK	270	0		17.66			
100	16QAM	1	1		17.69		18.5	0.0
100	64QAM	1	1		17.60		18.5	0.0
100	256QAM	1	1		17.41		18.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.65	17.62	17.70	18.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.50	17.61	17.54	18.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.51	17.61	17.53	18.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.44	17.55	17.56	18.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.47	17.60	17.52	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	17.45	17.46	17.51	18.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.52	17.46	17.67	18.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.46	17.62	17.51	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.65		19.0	0.0
100	PI/2 BPSK	1	137		17.55			
100	PI/2 BPSK	1	271		17.66			
100	PI/2 BPSK	135	0		17.55		19.0	0.0
100	PI/2 BPSK	135	69		17.70		19.0	0.0
100	PI/2 BPSK	135	138		17.70		19.0	0.0
100	PI/2 BPSK	270	0		17.63			
100	QPSK	1	1		17.72		19.0	0.0
100	QPSK	1	137		17.73			
100	QPSK	1	271		17.66			
100	QPSK	135	0		17.53		19.0	0.0
100	QPSK	135	69		17.57		19.0	0.0
100	QPSK	135	138		17.54		19.0	0.0
100	QPSK	270	0		17.50			
100	16QAM	1	1		17.59		19.0	0.0
100	64QAM	1	1		17.49		19.0	0.0
100	256QAM	1	1		17.66		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.32	17.42	17.39	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	17.32	17.29	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	17.29	17.28	17.34	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	17.37	17.34	17.36	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.29	17.32	17.49	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	17.44	17.45	17.40	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	17.34	17.34	17.44	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.33	17.41	17.51	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.56		22.0	0.0
100	PI/2 BPSK	1	137		20.59			
100	PI/2 BPSK	1	271		20.69			
100	PI/2 BPSK	135	0		20.65		22.0	0.0
100	PI/2 BPSK	135	69		20.57		22.0	0.0
100	PI/2 BPSK	135	138		20.66		22.0	0.0
100	PI/2 BPSK	270	0		20.53			
100	QPSK	1	1		20.60		22.0	0.0
100	QPSK	1	137		20.74			
100	QPSK	1	271		20.70			
100	QPSK	135	0		20.53		22.0	0.0
100	QPSK	135	69		20.70		22.0	0.0
100	QPSK	135	138		20.69		22.0	0.0
100	QPSK	270	0		20.55			
100	16QAM	1	1		20.69		22.0	0.0
100	64QAM	1	1		20.68		22.0	0.0
100	256QAM	1	1		20.68		22.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.39	20.54	20.50	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	20.47	20.37	20.35	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	20.43	20.44	20.53	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	20.43	20.50	20.49	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.48	20.56	20.34	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	20.55	20.33	20.34	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	20.44	20.55	20.43	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.53	20.37	20.43	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.83		19.0	0.0
100	PI/2 BPSK	1	137		17.56			
100	PI/2 BPSK	1	271		17.67			
100	PI/2 BPSK	135	0		17.55		19.0	0.0
100	PI/2 BPSK	135	69		17.74		19.0	0.0
100	PI/2 BPSK	135	138		17.89		19.0	0.0
100	PI/2 BPSK	270	0		17.79			
100	QPSK	1	1		17.87		19.0	0.0
100	QPSK	1	137		17.99			
100	QPSK	1	271		17.86			
100	QPSK	135	0		17.83		19.0	0.0
100	QPSK	135	69		17.95		19.0	0.0
100	QPSK	135	138		17.75		19.0	0.0
100	QPSK	270	0		17.70			
100	16QAM	1	1		17.69		19.0	0.0
100	64QAM	1	1		17.56		19.0	0.0
100	256QAM	1	1		17.88		19.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.58	17.48	17.62	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	17.61	17.56	17.66	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.51	17.67	17.61	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	17.72	17.71	17.51	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	17.64	17.66	17.65	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	17.65	17.62	17.67	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	17.59	17.55	17.52	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	17.72	17.64	17.72	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.57		22.0	0.0
100	PI/2 BPSK	1	137		20.49			
100	PI/2 BPSK	1	271		20.66			
100	PI/2 BPSK	135	0		20.56		22.0	0.0
100	PI/2 BPSK	135	69		20.39		22.0	0.0
100	PI/2 BPSK	135	138		20.58		22.0	0.0
100	PI/2 BPSK	270	0		20.46			
100	QPSK	1	1		20.55		22.0	0.0
100	QPSK	1	137		20.83			
100	QPSK	1	271		20.62			
100	QPSK	135	0		20.48		22.0	0.0
100	QPSK	135	69		20.74		22.0	0.0
100	QPSK	135	138		20.55		22.0	0.0
100	QPSK	270	0		20.54			
100	16QAM	1	1		20.70		22.0	0.0
100	64QAM	1	1		20.58		22.0	0.0
100	256QAM	1	1		20.52		22.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.53	20.48	20.37	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	20.53	20.40	20.45	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	20.59	20.57	20.56	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	20.57	20.36	20.54	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	20.55	20.46	20.60	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	20.54	20.59	20.56	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	20.43	20.58	20.59	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	20.60	20.37	20.56	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.45	17.63	17.76	19.0	0.0
20	PI/2 BPSK	1	26	17.65	17.94	17.63		
20	PI/2 BPSK	1	49	17.52	17.77	17.57		
20	PI/2 BPSK	25	0	17.52	17.91	17.76	19.0	0.0
20	PI/2 BPSK	25	13	17.45	17.98	17.73	19.0	0.0
20	PI/2 BPSK	25	26	17.71	17.89	17.46	19.0	0.0
20	PI/2 BPSK	50	0	17.57	17.74	17.75		
20	QPSK	1	1	17.57	18.00	17.74	19.0	0.0
20	QPSK	1	26	17.65	17.85	17.49		
20	QPSK	1	49	17.56	17.88	17.74		
20	QPSK	25	0	17.57	17.80	17.61	19.0	0.0
20	QPSK	25	13	17.81	17.95	17.55	19.0	0.0
20	QPSK	25	26	17.54	17.70	17.80	19.0	0.0
20	QPSK	50	0	17.53	17.90	17.70		
20	16QAM	1	1	17.60	17.78	17.62	19.0	0.0
20	64QAM	1	1	17.54	17.82	17.53	19.0	0.0
20	256QAM	1	1	16.55	16.42	16.37	17.5	1.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.50	17.79	17.53	19.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.50	17.88	17.58	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.68	21.73	21.70	23.0	0.0
20	PI/2 BPSK	1	26	21.52	21.57	21.45		
20	PI/2 BPSK	1	49	21.46	21.54	21.48		
20	PI/2 BPSK	25	0	21.14	21.23	21.18	22.5	0.5
20	PI/2 BPSK	25	13	21.66	21.69	21.64	23.0	0.0
20	PI/2 BPSK	25	26	21.09	21.24	21.15	22.5	0.5
20	PI/2 BPSK	50	0	21.15	21.29	21.15		
20	QPSK	1	1	21.71	21.76	21.63	23.0	0.0
20	QPSK	1	26	21.60	21.65	21.57		
20	QPSK	1	49	21.44	21.50	21.43		
20	QPSK	25	0	20.60	20.75	20.65	22.0	1.0
20	QPSK	25	13	21.60	21.70	21.62	23.0	0.0
20	QPSK	25	26	20.54	20.66	20.58	22.0	1.0
20	QPSK	50	0	20.69	20.73	20.62		
20	16QAM	1	1	20.29	20.41	20.38	22.0	1.0
20	64QAM	1	1	18.78	18.92	18.89	20.5	2.5
20	256QAM	1	1	17.40	17.52	17.46	18.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.62	21.71	21.53	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.66	21.69	21.49	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.82	19.92	19.70	20.5	0.0
100	PI/2 BPSK	1	137	19.77	19.98	19.72		
100	PI/2 BPSK	1	271	19.63	20.06	19.69		
100	PI/2 BPSK	135	0	19.75	20.04	19.84	20.5	0.0
100	PI/2 BPSK	135	69	19.70	19.91	19.67	20.5	0.0
100	PI/2 BPSK	135	138	19.61	19.95	19.66	20.5	0.0
100	PI/2 BPSK	270	0	19.66	19.96	19.66		
100	QPSK	1	1	19.79	20.07	19.73	20.5	0.0
100	QPSK	1	137	19.80	20.09	19.86		
100	QPSK	1	271	19.65	20.01	19.74		
100	QPSK	135	0	19.76	20.02	19.80	20.5	0.0
100	QPSK	135	69	19.71	20.03	19.81	20.5	0.0
100	QPSK	135	138	19.67	19.86	19.84	20.5	0.0
100	QPSK	270	0	19.68	19.97	19.81		
100	16QAM	1	1	19.78	20.01	19.79	20.5	0.0
100	64QAM	1	1	19.74	19.88	19.77	20.5	0.0
100	256QAM	1	1	19.01	19.03	18.97	20.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.60	19.85	19.71	20.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.49	19.69	19.67	20.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.42	19.64	19.50	20.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.59	19.70	19.53	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.56	19.71	19.63	20.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.46	19.69	19.57	20.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.40	19.73	19.51	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.59	19.69	19.66	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		20.12		20.5	0.0
100	PI/2 BPSK	1	137		20.05			
100	PI/2 BPSK	1	271		20.16			
100	PI/2 BPSK	135	0		20.25		20.5	0.0
100	PI/2 BPSK	135	69		20.15		20.5	0.0
100	PI/2 BPSK	135	138		20.19		20.5	0.0
100	PI/2 BPSK	270	0		20.16			
100	QPSK	1	1		20.23		20.5	0.0
100	QPSK	1	137		20.32			
100	QPSK	1	271		20.05			
100	QPSK	135	0		20.04		20.5	0.0
100	QPSK	135	69		20.25		20.5	0.0
100	QPSK	135	138		20.15		20.5	0.0
100	QPSK	270	0		20.23			
100	16QAM	1	1		20.25		20.5	0.0
100	64QAM	1	1		20.12		20.5	0.0
100	256QAM	1	1		19.68		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	20.05	20.03	20.05	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	19.91	19.96	19.97	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	19.84	19.95	19.86	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	19.99	19.99	19.88	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.94	19.95	19.98	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	19.84	19.98	20.05	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	20.02	19.96	19.99	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	20.06	19.85	19.90	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.83		18.5	0.0
100	PI/2 BPSK	1	137		17.77			
100	PI/2 BPSK	1	271		17.83			
100	PI/2 BPSK	135	0		17.94		18.5	0.0
100	PI/2 BPSK	135	69		17.84		18.5	0.0
100	PI/2 BPSK	135	138		17.92		18.5	0.0
100	PI/2 BPSK	270	0		17.94			
100	QPSK	1	1		17.83		18.5	0.0
100	QPSK	1	137		17.95			
100	QPSK	1	271		17.88			
100	QPSK	135	0		17.75		18.5	0.0
100	QPSK	135	69		17.93		18.5	0.0
100	QPSK	135	138		17.90		18.5	0.0
100	QPSK	270	0		17.90			
100	16QAM	1	1		17.79		18.5	0.0
100	64QAM	1	1		17.86		18.5	0.0
100	256QAM	1	1		17.92		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	17.79	17.71	17.72	18.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.90	17.71	17.69	18.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.78	17.73	17.89	18.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.79	17.79	17.80	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.80	17.59	17.86	18.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.93	17.69	17.71	18.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.91	17.75	17.78	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.74	17.66	17.84	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.70		21.5	0.0
100	PI/2 BPSK	1	137		20.67			
100	PI/2 BPSK	1	271		20.63			
100	PI/2 BPSK	135	0		20.72		21.5	0.0
100	PI/2 BPSK	135	69		20.71		21.5	0.0
100	PI/2 BPSK	135	138		20.76		21.5	0.0
100	PI/2 BPSK	270	0		20.75			
100	QPSK	1	1		20.65		21.5	0.0
100	QPSK	1	137		20.80			
100	QPSK	1	271		20.65			
100	QPSK	135	0		20.70		21.5	0.0
100	QPSK	135	69		20.72		21.5	0.0
100	QPSK	135	138		20.67		21.5	0.0
100	QPSK	270	0		20.70			
100	16QAM	1	1		20.55		21.5	0.0
100	64QAM	1	1		20.69		21.5	0.0
100	256QAM	1	1		19.69		21.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.41	20.46	20.56	21.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.57	20.51	20.51	21.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.49	20.60	20.66	21.5	0.0
Channel				649334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.52	20.58	20.53	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.39	20.45	20.51	21.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.48	20.36	20.68	21.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.46	20.40	20.66	21.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.43	20.48	20.67	21.5	0.0

PC3 Part27Q n78 Ant11 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.05		18.5	0.0
100	PI/2 BPSK	1	137		16.94			
100	PI/2 BPSK	1	271		17.12			
100	PI/2 BPSK	135	0		17.18		18.5	0.0
100	PI/2 BPSK	135	69		17.02		18.5	0.0
100	PI/2 BPSK	135	138		17.02		18.5	0.0
100	PI/2 BPSK	270	0		17.18			
100	QPSK	1	1		17.03		18.5	0.0
100	QPSK	1	137		17.21			
100	QPSK	1	271		17.00			
100	QPSK	135	0		16.84		18.5	0.0
100	QPSK	135	69		17.15		18.5	0.0
100	QPSK	135	138		17.02		18.5	0.0
100	QPSK	270	0		17.04			
100	16QAM	1	1		16.96		18.5	0.0
100	64QAM	1	1		17.09		18.5	0.0
100	256QAM	1	1		17.02		18.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.07	17.09	16.95	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	16.98	16.91	16.76	18.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.01	16.99	16.81	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	16.97	17.07	16.85	18.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.04	17.00	16.89	18.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.04	16.98	16.78	18.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.09	17.05	16.82	18.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.04	17.08	16.96	18.5	0.0

PC2 Part27Q n78 Ant11 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.92		21.5	0.0
100	PI/2 BPSK	1	137		19.78			
100	PI/2 BPSK	1	271		19.64			
100	PI/2 BPSK	135	0		19.89		21.5	0.0
100	PI/2 BPSK	135	69		19.81		21.5	0.0
100	PI/2 BPSK	135	138		19.93		21.5	0.0
100	PI/2 BPSK	270	0		19.76			
100	QPSK	1	1		19.84		21.5	0.0
100	QPSK	1	137		19.98			
100	QPSK	1	271		19.73			
100	QPSK	135	0		19.85		21.5	0.0
100	QPSK	135	69		19.94		21.5	0.0
100	QPSK	135	138		19.87		21.5	0.0
100	QPSK	270	0		19.87			
100	16QAM	1	1		19.58		21.5	0.0
100	64QAM	1	1		19.88		21.5	0.0
100	256QAM	1	1		19.63		21.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.58	19.69	19.58	21.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.53	19.60	19.55	21.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.68	19.64	19.63	21.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.58	19.63	19.63	21.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.60	19.77	19.64	21.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.59	19.78	19.61	21.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.55	19.76	19.56	21.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.61	19.68	19.65	21.5	0.0

Reduced Power for DSI 3 for 5G NR DFT-30 for Main PA

n2 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.71	21.83	21.51	23.0	0.0
20	PI/2 BPSK	1	26	21.70	21.84	21.50		
20	PI/2 BPSK	1	49	21.61	21.78	21.60		
20	PI/2 BPSK	25	0	21.82	21.77	21.40	23.0	0.0
20	PI/2 BPSK	25	13	21.81	21.72	21.61	23.0	0.0
20	PI/2 BPSK	25	26	21.62	21.78	21.43	23.0	0.0
20	PI/2 BPSK	50	0	21.68	21.88	21.63		
20	QPSK	1	1	21.81	21.92	21.61	23.0	0.0
20	QPSK	1	26	21.59	21.75	21.59		
20	QPSK	1	49	21.61	21.84	21.61		
20	QPSK	25	0	21.64	21.72	21.59	23.0	0.0
20	QPSK	25	13	21.75	21.90	21.41	23.0	0.0
20	QPSK	25	26	21.67	21.85	21.54	23.0	0.0
20	QPSK	50	0	21.65	21.87	21.56		
20	16QAM	1	1	21.64	21.75	21.60	23.0	0.0
20	64QAM	1	1	20.31	20.31	20.16	21.5	1.5
20	256QAM	1	1	18.26	18.37	18.03	19.5	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.71	21.71	21.50	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.64	21.82	21.61	23.0	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	23.00	23.05	22.94	24.0	0.0
20	PI/2 BPSK	1	26	22.90	23.00	22.89		
20	PI/2 BPSK	1	49	22.84	22.96	22.84		
20	PI/2 BPSK	25	0	22.57	22.62	22.55	23.5	0.5
20	PI/2 BPSK	25	13	22.91	23.06	23.02	24.0	0.0
20	PI/2 BPSK	25	26	22.43	22.54	22.46	23.5	0.5
20	PI/2 BPSK	50	0	22.54	22.63	22.54		
20	QPSK	1	1	23.04	23.14	23.10	24.0	0.0
20	QPSK	1	26	22.93	23.04	22.99		
20	QPSK	1	49	22.79	22.90	22.84		
20	QPSK	25	0	22.10	22.16	22.13	23.0	1.0
20	QPSK	25	13	22.95	23.06	22.95	24.0	0.0
20	QPSK	25	26	22.00	22.03	22.00	23.0	1.0
20	QPSK	50	0	22.06	22.11	21.97		
20	16QAM	1	1	21.69	21.76	21.70	23.0	1.0
20	64QAM	1	1	20.14	20.19	20.15	21.5	2.5
20	256QAM	1	1	18.63	18.75	18.69	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.98	23.08	23.03	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.90	23.01	22.96	24.0	0.0

n7 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.92	23.02	22.87	24.0	0.0
20	PI/2 BPSK	1	26	22.81	22.96	22.84		
20	PI/2 BPSK	1	49	22.87	22.91	22.78		
20	PI/2 BPSK	25	0	22.38	22.52	22.47	23.5	0.5
20	PI/2 BPSK	25	13	22.97	23.01	22.95	24.0	0.0
20	PI/2 BPSK	25	26	22.50	22.54	22.40	23.5	0.5
20	PI/2 BPSK	50	0	22.45	22.58	22.48		
20	QPSK	1	1	22.97	23.06	23.04	24.0	0.0
20	QPSK	1	26	22.92	23.02	22.98		
20	QPSK	1	49	22.88	22.94	22.85		
20	QPSK	25	0	21.89	22.01	21.91	23.0	1.0
20	QPSK	25	13	22.98	23.03	22.91	24.0	0.0
20	QPSK	25	26	21.98	22.07	21.96	23.0	1.0
20	QPSK	50	0	22.02	22.11	21.97		
20	16QAM	1	1	21.53	21.64	21.49	23.0	1.0
20	64QAM	1	1	20.22	20.28	20.24	21.5	2.5
20	256QAM	1	1	18.83	18.86	18.72	19.5	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.89	23.00	22.98	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.83	22.98	22.94	24.0	0.0

n38 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.29	22.39	22.36	24.0	0.0
40	PI/2 BPSK	1	53	22.97	23.07	22.92		
40	PI/2 BPSK	1	104	22.49	22.56	22.50		
40	PI/2 BPSK	50	0	22.34	22.48	22.45	23.5	0.5
40	PI/2 BPSK	50	28	22.95	23.07	22.93	24.0	0.0
40	PI/2 BPSK	50	56	22.33	22.36	22.24	23.5	0.5
40	PI/2 BPSK	100	0	22.37	22.49	22.37		
40	QPSK	1	1	22.33	22.44	22.41	24.0	0.0
40	QPSK	1	53	23.07	23.11	23.02		
40	QPSK	1	104	22.49	22.53	22.44		
40	QPSK	50	0	21.75	21.90	21.82	23.0	1.0
40	QPSK	50	28	22.92	23.03	22.96	24.0	0.0
40	QPSK	50	56	21.78	21.87	21.77	23.0	1.0
40	QPSK	100	0	21.83	21.95	21.88		
40	16QAM	1	1	21.08	21.16	21.05	23.0	1.0
40	64QAM	1	1	19.73	19.83	19.75	21.5	2.5
40	256QAM	1	1	18.34	18.42	18.32	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	23.01	22.99	22.97	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.97	22.97	22.98	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.02	23.00	22.93	19.0	2.5
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.03	23.04	22.95	19.0	2.5
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.99	23.08	22.90	15.0	4.5

n41 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518998	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.02	22.06	22.03	24.0	0.0
100	PI/2 BPSK	1	137	23.06	23.09	22.99		
100	PI/2 BPSK	1	271	22.01	22.10	22.04		
100	PI/2 BPSK	135	0	22.35	22.38	22.27	23.5	0.5
100	PI/2 BPSK	135	69	23.07	23.16	23.13	24.0	0.0
100	PI/2 BPSK	135	138	22.26	22.37	22.24	23.5	0.5
100	PI/2 BPSK	270	0	22.32	22.44	22.35		
100	QPSK	1	1	22.03	22.11	22.07	24.0	0.0
100	QPSK	1	137	23.16	23.21	22.98		
100	QPSK	1	271	22.10	22.14	22.11		
100	QPSK	135	0	21.83	21.90	21.85	23.0	1.0
100	QPSK	135	69	23.01	23.12	23.09	24.0	0.0
100	QPSK	135	138	21.74	21.87	21.74	23.0	1.0
100	QPSK	270	0	21.81	21.89	21.84		
100	16QAM	1	1	21.18	21.23	21.13	23.0	1.0
100	64QAM	1	1	19.68	19.74	19.66	21.5	2.5
100	256QAM	1	1	18.23	18.31	18.26	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.05	23.08	22.93	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	23.08	23.17	22.89	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.05	23.10	22.93	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.11	23.13	22.94	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.01	23.08	22.86	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.04	23.06	22.85	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.12	23.09	22.84	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.09	23.18	22.94	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.12	23.15	22.86	24.0	0.0

Part27O n77 Ant2 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	19.26	19.68	19.59	20.0	0.0
100	PI/2 BPSK	1	137	19.20	19.76	19.58		
100	PI/2 BPSK	1	271	19.36	19.62	19.64		
100	PI/2 BPSK	135	0	19.40	19.65	19.70	20.0	0.0
100	PI/2 BPSK	135	69	19.27	19.75	19.73	20.0	0.0
100	PI/2 BPSK	135	138	19.19	19.71	19.52	20.0	0.0
100	PI/2 BPSK	270	0	19.35	19.81	19.62		
100	QPSK	1	1	19.39	19.80	19.73	20.0	0.0
100	QPSK	1	137	19.38	19.82	19.74		
100	QPSK	1	271	19.25	19.72	19.60		
100	QPSK	135	0	19.23	19.65	19.75	20.0	0.0
100	QPSK	135	69	19.20	19.78	19.62	20.0	0.0
100	QPSK	135	138	19.25	19.64	19.72	20.0	0.0
100	QPSK	270	0	19.25	19.75	19.54		
100	16QAM	1	1	19.25	19.67	19.64	20.0	0.0
100	64QAM	1	1	19.46	19.53	19.40	20.0	0.0
100	256QAM	1	1	19.22	19.40	19.33	20.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.32	19.76	19.59	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.20	19.81	19.68	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.36	19.79	19.65	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.26	19.70	19.59	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.19	19.80	19.70	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.32	19.70	19.60	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.29	19.72	19.61	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.28	19.69	19.58	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.43		20.0	0.0
100	PI/2 BPSK	1	137		19.47			
100	PI/2 BPSK	1	271		19.42			
100	PI/2 BPSK	135	0		19.52		20.0	0.0
100	PI/2 BPSK	135	69		19.52		20.0	0.0
100	PI/2 BPSK	135	138		19.51		20.0	0.0
100	PI/2 BPSK	270	0		19.40			
100	QPSK	1	1		19.50		20.0	0.0
100	QPSK	1	137		19.57			
100	QPSK	1	271		19.47			
100	QPSK	135	0		19.49		20.0	0.0
100	QPSK	135	69		19.56		20.0	0.0
100	QPSK	135	138		19.41		20.0	0.0
100	QPSK	270	0		19.50			
100	16QAM	1	1		19.52		20.0	0.0
100	64QAM	1	1		19.42		20.0	0.0
100	256QAM	1	1		19.44		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	19.38	19.39	19.19	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	19.34	19.37	19.25	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	19.23	19.41	19.39	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	19.20	19.50	19.39	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	19.26	19.50	19.27	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	19.27	19.47	19.38	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	19.18	19.55	19.36	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	19.38	19.50	19.36	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.55		21.5	0.0
100	PI/2 BPSK	1	137		20.07			
100	PI/2 BPSK	1	271		19.60			
100	PI/2 BPSK	135	0		20.13		21.5	0.0
100	PI/2 BPSK	135	69		20.27		21.5	0.0
100	PI/2 BPSK	135	138		20.17		21.5	0.0
100	PI/2 BPSK	270	0		20.22			
100	QPSK	1	1		19.59		21.5	0.0
100	QPSK	1	137		20.41			
100	QPSK	1	271		19.54			
100	QPSK	135	0		19.93		21.5	0.0
100	QPSK	135	69		20.38		21.5	0.0
100	QPSK	135	138		20.04		21.5	0.0
100	QPSK	270	0		20.09			
100	16QAM	1	1		19.76		21.5	0.0
100	64QAM	1	1		19.82		21.5	0.0
100	256QAM	1	1		19.86		21.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.16	20.38	20.26	21.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.23	20.25	20.33	21.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.06	20.36	20.26	21.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.11	20.36	20.21	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.14	20.34	20.28	21.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.13	20.37	20.12	21.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.29	20.27	20.13	21.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.11	20.33	20.15	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.61		23.5	0.0
100	PI/2 BPSK	1	137		22.41			
100	PI/2 BPSK	1	271		21.81			
100	PI/2 BPSK	135	0		21.71		23.5	0.0
100	PI/2 BPSK	135	69		22.36		23.5	0.0
100	PI/2 BPSK	135	138		21.70		23.5	0.0
100	PI/2 BPSK	270	0		21.95			
100	QPSK	1	1		21.53		23.5	0.0
100	QPSK	1	137		22.50			
100	QPSK	1	271		21.74			
100	QPSK	135	0		21.84		23.5	0.0
100	QPSK	135	69		22.34		23.5	0.0
100	QPSK	135	138		21.88		23.5	0.0
100	QPSK	270	0		21.90			
100	16QAM	1	1		21.79		23.5	0.0
100	64QAM	1	1		21.85		23.5	0.0
100	256QAM	1	1		20.61		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	22.10	22.17	22.31	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	22.27	22.37	22.41	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	22.22	22.36	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	22.20	22.35	22.34	23.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.29	22.18	22.23	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	22.28	22.19	22.38	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	22.30	22.30	22.32	23.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.29	22.27	22.42	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.53		21.5	0.0
100	PI/2 BPSK	1	137		20.27			
100	PI/2 BPSK	1	271		19.53			
100	PI/2 BPSK	135	0		19.55		21.5	0.0
100	PI/2 BPSK	135	69		20.16		21.5	0.0
100	PI/2 BPSK	135	138		19.74		21.5	0.0
100	PI/2 BPSK	270	0		19.67			
100	QPSK	1	1		19.59		21.5	0.0
100	QPSK	1	137		20.35			
100	QPSK	1	271		19.62			
100	QPSK	135	0		19.61		21.5	0.0
100	QPSK	135	69		20.25		21.5	0.0
100	QPSK	135	138		20.13		21.5	0.0
100	QPSK	270	0		20.07			
100	16QAM	1	1		20.12		21.5	0.0
100	64QAM	1	1		19.82		21.5	0.0
100	256QAM	1	1		19.57		21.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.05	20.12	20.08	21.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.09	20.04	20.09	21.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.05	20.25	20.27	21.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.12	20.05	20.22	21.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.14	20.08	20.08	21.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.11	20.03	20.14	21.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.99	20.07	20.13	21.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.13	20.04	20.09	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.57		23.5	0.0
100	PI/2 BPSK	1	137		22.03			
100	PI/2 BPSK	1	271		21.56			
100	PI/2 BPSK	135	0		21.77		23.5	0.0
100	PI/2 BPSK	135	69		21.98		23.5	0.0
100	PI/2 BPSK	135	138		21.61		23.5	0.0
100	PI/2 BPSK	270	0		21.55			
100	QPSK	1	1		21.65		23.5	0.0
100	QPSK	1	137		22.16			
100	QPSK	1	271		21.71			
100	QPSK	135	0		21.70		23.5	0.0
100	QPSK	135	69		22.15		23.5	0.0
100	QPSK	135	138		21.66		23.5	0.0
100	QPSK	270	0		21.65			
100	16QAM	1	1		22.10		23.5	0.0
100	64QAM	1	1		21.53		23.5	0.0
100	256QAM	1	1		20.99		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	21.55	21.67	21.55	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.62	21.68	21.65	23.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.59	21.63	21.63	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.58	21.54	21.55	23.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.53	21.71	21.52	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.62	21.54	21.65	23.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.71	21.51	21.57	23.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.55	21.69	21.61	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.63	20.71	20.55	21.0	0.0
100	PI/2 BPSK	1	137	20.66	20.75	20.56		
100	PI/2 BPSK	1	271	20.78	20.90	20.52		
100	PI/2 BPSK	135	0	20.70	20.86	20.50	21.0	0.0
100	PI/2 BPSK	135	69	20.61	20.78	20.63	21.0	0.0
100	PI/2 BPSK	135	138	20.59	20.76	20.48	21.0	0.0
100	PI/2 BPSK	270	0	20.72	20.82	20.54		
100	QPSK	1	1	20.72	20.82	20.54	21.0	0.0
100	QPSK	1	137	20.78	20.92	20.70		
100	QPSK	1	271	20.77	20.70	20.51		
100	QPSK	135	0	20.77	20.80	20.69	21.0	0.0
100	QPSK	135	69	20.58	20.89	20.55	21.0	0.0
100	QPSK	135	138	20.69	20.88	20.71	21.0	0.0
100	QPSK	270	0	20.77	20.80	20.65		
100	16QAM	1	1	20.60	20.84	20.60	21.0	0.0
100	64QAM	1	1	20.74	20.73	20.67	21.0	0.0
100	256QAM	1	1	19.05	19.13	19.05	20.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.66	20.84	20.54	21.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.68	20.84	20.54	21.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.57	20.80	20.57	21.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.65	20.87	20.71	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.77	20.71	20.58	21.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.73	20.86	20.66	21.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.74	20.74	20.66	21.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.72	20.75	20.66	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.08		21.0	0.0
100	PI/2 BPSK	1	137		20.13			
100	PI/2 BPSK	1	271		20.12			
100	PI/2 BPSK	135	0		20.19		21.0	0.0
100	PI/2 BPSK	135	69		20.20		21.0	0.0
100	PI/2 BPSK	135	138		20.07		21.0	0.0
100	PI/2 BPSK	270	0		20.12			
100	QPSK	1	1		20.18		21.0	0.0
100	QPSK	1	137		20.22			
100	QPSK	1	271		20.02			
100	QPSK	135	0		20.03		21.0	0.0
100	QPSK	135	69		20.13		21.0	0.0
100	QPSK	135	138		20.11		21.0	0.0
100	QPSK	270	0		20.10			
100	16QAM	1	1		20.00		21.0	0.0
100	64QAM	1	1		20.18		21.0	0.0
100	256QAM	1	1		19.52		20.0	1.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.91	19.95	20.09	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.95	19.92	19.93	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.95	19.97	19.96	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.98	20.13	20.08	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.04	20.04	20.11	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.11	20.04	20.00	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.98	19.96	20.14	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.93	20.14	20.00	21.0	0.0

PC3 Part27O n78 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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.85		19.5	0.0
100	PI/2 BPSK	1	137		18.81			
100	PI/2 BPSK	1	271		18.79			
100	PI/2 BPSK	135	0		18.90		19.5	0.0
100	PI/2 BPSK	135	69		18.88		19.5	0.0
100	PI/2 BPSK	135	138		18.99		19.5	0.0
100	PI/2 BPSK	270	0		18.84			
100	QPSK	1	1		18.98		19.5	0.0
100	QPSK	1	137		19.00			
100	QPSK	1	271		18.93			
100	QPSK	135	0		18.80		19.5	0.0
100	QPSK	135	69		18.96		19.5	0.0
100	QPSK	135	138		18.90		19.5	0.0
100	QPSK	270	0		18.83			
100	16QAM	1	1		18.82		19.5	0.0
100	64QAM	1	1		18.81		19.5	0.0
100	256QAM	1	1		18.97		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	18.74	18.73	18.82	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	18.65	18.67	18.74	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	18.63	18.74	18.80	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	18.74	18.66	18.80	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.61	18.64	18.72	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	18.62	18.64	18.67	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	18.77	18.74	18.60	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.84	18.61	18.72	19.5	0.0

PC2 Part27O n78 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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.74		22.5	0.0
100	PI/2 BPSK	1	137		21.77			
100	PI/2 BPSK	1	271		21.70			
100	PI/2 BPSK	135	0		21.72		22.5	0.0
100	PI/2 BPSK	135	69		21.73		22.5	0.0
100	PI/2 BPSK	135	138		21.71		22.5	0.0
100	PI/2 BPSK	270	0		21.72			
100	QPSK	1	1		21.69		22.5	0.0
100	QPSK	1	137		21.88			
100	QPSK	1	271		21.69			
100	QPSK	135	0		21.75		22.5	0.0
100	QPSK	135	69		21.80		22.5	0.0
100	QPSK	135	138		21.72		22.5	0.0
100	QPSK	270	0		21.74			
100	16QAM	1	1		21.74		22.5	0.0
100	64QAM	1	1		21.70		22.5	0.0
100	256QAM	1	1		21.66		22.0	0.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.69	21.49	21.62	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.69	21.49	21.69	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.57	21.48	21.52	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.68	21.61	21.59	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.61	21.67	21.53	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.56	21.69	21.57	22.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.58	21.55	21.49	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.67	21.56	21.66	22.5	0.0

PC3 Part27Q n78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.50		19.5	0.0
100	PI/2 BPSK	1	137		18.59			
100	PI/2 BPSK	1	271		18.44			
100	PI/2 BPSK	135	0		18.57		19.5	0.0
100	PI/2 BPSK	135	69		18.61		19.5	0.0
100	PI/2 BPSK	135	138		18.69		19.5	0.0
100	PI/2 BPSK	270	0		18.50			
100	QPSK	1	1		18.68		19.5	0.0
100	QPSK	1	137		18.80			
100	QPSK	1	271		18.68			
100	QPSK	135	0		18.45		19.5	0.0
100	QPSK	135	69		18.73		19.5	0.0
100	QPSK	135	138		18.72		19.5	0.0
100	QPSK	270	0		18.50			
100	16QAM	1	1		18.51		19.5	0.0
100	64QAM	1	1		18.60		19.5	0.0
100	256QAM	1	1		18.67		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	18.49	18.32	18.49	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	18.30	18.38	18.32	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	18.43	18.31	18.36	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	18.52	18.31	18.37	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	18.34	18.49	18.36	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	18.31	18.47	18.43	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	18.36	18.52	18.46	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	18.37	18.31	18.33	19.5	0.0

PC2 Part27Q n78 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.82		22.5	0.0
100	PI/2 BPSK	1	137		21.89			
100	PI/2 BPSK	1	271		21.74			
100	PI/2 BPSK	135	0		21.89		22.5	0.0
100	PI/2 BPSK	135	69		21.78		22.5	0.0
100	PI/2 BPSK	135	138		21.77		22.5	0.0
100	PI/2 BPSK	270	0		21.76			
100	QPSK	1	1		21.93		22.5	0.0
100	QPSK	1	137		22.04			
100	QPSK	1	271		21.92			
100	QPSK	135	0		21.79		22.5	0.0
100	QPSK	135	69		21.89		22.5	0.0
100	QPSK	135	138		21.81		22.5	0.0
100	QPSK	270	0		21.80			
100	16QAM	1	1		21.91		22.5	0.0
100	64QAM	1	1		21.93		22.5	0.0
100	256QAM	1	1		21.79		22.0	0.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.71	21.63	21.71	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	21.64	21.83	21.64	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	21.63	21.64	21.61	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	21.75	21.70	21.67	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	21.71	21.73	21.64	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	21.74	21.69	21.80	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	21.64	21.75	21.62	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	21.75	21.71	21.64	22.5	0.0

Part27O n77 Ant6 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	21.97	22.06	22.04	23.0	0.0
100	PI/2 BPSK	1	137	21.90	21.98	22.03		
100	PI/2 BPSK	1	271	21.87	22.00	22.11		
100	PI/2 BPSK	135	0	21.90	22.06	22.10	23.0	0.0
100	PI/2 BPSK	135	69	22.06	22.04	22.08	23.0	0.0
100	PI/2 BPSK	135	138	21.86	22.09	22.02	23.0	0.0
100	PI/2 BPSK	270	0	21.88	22.12	22.00		
100	QPSK	1	1	21.90	22.04	22.08	23.0	0.0
100	QPSK	1	137	22.06	22.16	22.12		
100	QPSK	1	271	21.90	22.01	21.93		
100	QPSK	135	0	21.98	21.93	22.05	23.0	0.0
100	QPSK	135	69	21.91	22.08	21.97	23.0	0.0
100	QPSK	135	138	21.91	21.93	21.94	23.0	0.0
100	QPSK	270	0	22.00	22.05	22.04		
100	16QAM	1	1	22.00	22.11	22.06	23.0	0.0
100	64QAM	1	1	19.51	19.53	19.58	21.5	1.5
100	256QAM	1	1	18.15	18.33	18.15	19.5	3.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.98	22.00	22.12	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.91	22.06	22.05	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.94	22.02	22.13	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.88	22.11	21.94	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.93	21.99	22.08	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.88	22.05	22.14	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.03	22.14	21.94	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.99	22.13	22.05	23.0	0.0

Part27Q n77 Ant6 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		22.25		23.0	0.0
100	PI/2 BPSK	1	137		22.26			
100	PI/2 BPSK	1	271		22.35			
100	PI/2 BPSK	135	0		22.17		23.0	0.0
100	PI/2 BPSK	135	69		22.25		23.0	0.0
100	PI/2 BPSK	135	138		22.19		23.0	0.0
100	PI/2 BPSK	270	0		22.14			
100	QPSK	1	1		22.32		23.0	0.0
100	QPSK	1	137		22.36			
100	QPSK	1	271		22.33			
100	QPSK	135	0		21.90		23.0	0.0
100	QPSK	135	69		22.33		23.0	0.0
100	QPSK	135	138		21.83		23.0	0.0
100	QPSK	270	0		22.25			
100	16QAM	1	1		21.22		23.0	0.0
100	64QAM	1	1		19.62		21.5	1.5
100	256QAM	1	1		18.16		19.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.02	22.06	22.15	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	22.11	22.05	22.15	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	21.99	22.05	22.15	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	22.04	21.99	22.10	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	22.13	21.95	21.94	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	22.09	22.04	22.10	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	21.93	22.10	21.96	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	22.12	21.95	21.95	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.60		23.0	0.0
100	PI/2 BPSK	1	137		21.51			
100	PI/2 BPSK	1	271		21.51			
100	PI/2 BPSK	135	0		21.70		23.0	0.0
100	PI/2 BPSK	135	69		21.61		23.0	0.0
100	PI/2 BPSK	135	138		21.67		23.0	0.0
100	PI/2 BPSK	270	0		21.54			
100	QPSK	1	1		21.48		23.0	0.0
100	QPSK	1	137		21.73			
100	QPSK	1	271		21.68			
100	QPSK	135	0		21.61		23.0	0.0
100	QPSK	135	69		21.65		23.0	0.0
100	QPSK	135	138		21.61		23.0	0.0
100	QPSK	270	0		21.60			
100	16QAM	1	1		21.67		23.0	0.0
100	64QAM	1	1		21.70		23.0	0.0
100	256QAM	1	1		20.54		22.5	0.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.59	21.51	21.45	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	21.59	21.62	21.54	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	21.56	21.42	21.46	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	21.58	21.60	21.57	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.60	21.45	21.41	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	21.55	21.58	21.51	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	21.63	21.44	21.57	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3706	3750	3795		
10	QPSK	1	1	21.41	21.40	21.59	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		24.58		26.0	0.0
100	PI/2 BPSK	1	137		24.66			
100	PI/2 BPSK	1	271		24.50			
100	PI/2 BPSK	135	0		24.63		26.0	0.0
100	PI/2 BPSK	135	69		24.52		26.0	0.0
100	PI/2 BPSK	135	138		24.50		26.0	0.0
100	PI/2 BPSK	270	0		24.55			
100	QPSK	1	1		24.44		26.0	0.0
100	QPSK	1	137		24.68			
100	QPSK	1	271		24.54			
100	QPSK	135	0		24.63		26.0	0.0
100	QPSK	135	69		24.65		26.0	0.0
100	QPSK	135	138		24.48		26.0	0.0
100	QPSK	270	0		24.58			
100	16QAM	1	1		24.22		26.0	0.0
100	64QAM	1	1		22.55		24.5	1.5
100	256QAM	1	1		20.51		22.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.40	24.28	24.42	26.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.29	24.45	24.47	26.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.38	24.37	24.44	26.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.30	24.43	24.44	26.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.40	24.43	24.32	26.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.36	24.31	24.34	26.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.44	24.42	24.45	26.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.31	24.26	24.43	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.66		23.0	0.0
100	PI/2 BPSK	1	137		21.65			
100	PI/2 BPSK	1	271		21.75			
100	PI/2 BPSK	135	0		21.66		23.0	0.0
100	PI/2 BPSK	135	69		21.55		23.0	0.0
100	PI/2 BPSK	135	138		21.56		23.0	0.0
100	PI/2 BPSK	270	0		21.73			
100	QPSK	1	1		21.74		23.0	0.0
100	QPSK	1	137		21.76			
100	QPSK	1	271		21.58			
100	QPSK	135	0		21.65		23.0	0.0
100	QPSK	135	69		21.68		23.0	0.0
100	QPSK	135	138		21.64		23.0	0.0
100	QPSK	270	0		21.57			
100	16QAM	1	1		21.74		23.0	0.0
100	64QAM	1	1		21.62		23.0	0.0
100	256QAM	1	1		20.63		22.5	0.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.35	21.58	21.39	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	21.58	21.53	21.57	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	21.48	21.50	21.44	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	21.55	21.52	21.44	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	21.59	21.57	21.42	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	21.41	21.53	21.46	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	21.58	21.46	21.41	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	21.49	21.47	21.47	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.56		26.0	0.0
100	PI/2 BPSK	1	137		24.58			
100	PI/2 BPSK	1	271		24.49			
100	PI/2 BPSK	135	0		24.51		26.0	0.0
100	PI/2 BPSK	135	69		24.49		26.0	0.0
100	PI/2 BPSK	135	138		24.71		26.0	0.0
100	PI/2 BPSK	270	0		24.58			
100	QPSK	1	1		24.49		26.0	0.0
100	QPSK	1	137		24.73			
100	QPSK	1	271		24.48			
100	QPSK	135	0		24.66		26.0	0.0
100	QPSK	135	69		24.70		26.0	0.0
100	QPSK	135	138		24.59		26.0	0.0
100	QPSK	270	0		24.61			
100	16QAM	1	1		24.56		26.0	0.0
100	64QAM	1	1		22.66		24.5	1.5
100	256QAM	1	1		20.55		22.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.45	24.60	24.52	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.43	24.46	24.46	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.55	24.49	24.40	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.60	24.44	24.45	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.59	24.41	24.55	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.60	24.39	24.38	26.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.47	24.53	24.50	26.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.40	24.55	24.41	26.0	0.0

n2 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.72	20.75	20.62	22.0	0.0
20	PI/2 BPSK	1	26	20.63	20.71	20.64		
20	PI/2 BPSK	1	49	20.55	20.68	20.58		
20	PI/2 BPSK	25	0	20.03	20.18	20.07	21.5	0.5
20	PI/2 BPSK	25	13	20.70	20.73	20.63	22.0	0.0
20	PI/2 BPSK	25	26	20.08	20.20	20.06	21.5	0.5
20	PI/2 BPSK	50	0	20.20	20.27	20.15		
20	QPSK	1	1	20.76	20.83	20.71	22.0	0.0
20	QPSK	1	26	20.69	20.79	20.73		
20	QPSK	1	49	20.52	20.58	20.55		
20	QPSK	25	0	19.58	19.71	19.67	21.0	1.0
20	QPSK	25	13	20.68	20.79	20.73	22.0	0.0
20	QPSK	25	26	19.58	19.68	19.57	21.0	1.0
20	QPSK	50	0	19.61	19.72	19.59		
20	16QAM	1	1	19.41	19.48	19.41	21.0	1.0
20	64QAM	1	1	18.08	18.14	18.03	19.5	2.5
20	256QAM	1	1	16.61	16.68	16.54	17.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.65	20.80	20.57	22.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.68	20.71	20.63	22.0	0.0

n5 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.68	21.73	21.70	23.0	0.0
20	PI/2 BPSK	1	26	21.52	21.57	21.45		
20	PI/2 BPSK	1	49	21.46	21.54	21.48		
20	PI/2 BPSK	25	0	21.14	21.23	21.18	22.5	0.5
20	PI/2 BPSK	25	13	21.66	21.69	21.64	23.0	0.0
20	PI/2 BPSK	25	26	21.09	21.24	21.15	22.5	0.5
20	PI/2 BPSK	50	0	21.15	21.29	21.15		
20	QPSK	1	1	21.71	21.76	21.63	23.0	0.0
20	QPSK	1	26	21.60	21.65	21.57		
20	QPSK	1	49	21.44	21.50	21.43		
20	QPSK	25	0	20.60	20.75	20.65	22.0	1.0
20	QPSK	25	13	21.60	21.70	21.62	23.0	0.0
20	QPSK	25	26	20.54	20.66	20.58	22.0	1.0
20	QPSK	50	0	20.69	20.73	20.62		
20	16QAM	1	1	20.29	20.41	20.38	22.0	1.0
20	64QAM	1	1	18.78	18.92	18.89	20.5	2.5
20	256QAM	1	1	17.40	17.52	17.46	18.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.62	21.71	21.53	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.66	21.69	21.49	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.37	19.47	19.24	20.0	0.0
100	PI/2 BPSK	1	137	19.48	19.38	19.20		
100	PI/2 BPSK	1	271	19.32	19.46	19.36		
100	PI/2 BPSK	135	0	19.40	19.52	19.22	20.0	0.0
100	PI/2 BPSK	135	69	19.38	19.54	19.35	20.0	0.0
100	PI/2 BPSK	135	138	19.31	19.41	19.20	20.0	0.0
100	PI/2 BPSK	270	0	19.48	19.45	19.34		
100	QPSK	1	1	19.32	19.52	19.36	20.0	0.0
100	QPSK	1	137	19.53	19.57	19.39		
100	QPSK	1	271	19.51	19.49	19.25		
100	QPSK	135	0	19.36	19.45	19.22	20.0	0.0
100	QPSK	135	69	19.46	19.51	19.26	20.0	0.0
100	QPSK	135	138	19.48	19.34	19.33	20.0	0.0
100	QPSK	270	0	19.33	19.43	19.30		
100	16QAM	1	1	19.44	19.56	19.22	20.0	0.0
100	64QAM	1	1	19.43	19.40	19.37	20.0	0.0
100	256QAM	1	1	18.97	18.82	18.79	20.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.37	19.56	19.28	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.33	19.51	19.29	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.45	19.40	19.35	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.36	19.53	19.28	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.42	19.52	19.21	20.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.53	19.33	19.35	20.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.51	19.42	19.22	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.31	19.50	19.27	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.45	19.41	19.21	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.44	19.45	19.30	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.88		20.0	0.0
100	PI/2 BPSK	1	137		19.85			
100	PI/2 BPSK	1	271		19.81			
100	PI/2 BPSK	135	0		19.73		20.0	0.0
100	PI/2 BPSK	135	69		19.89		20.0	0.0
100	PI/2 BPSK	135	138		19.86		20.0	0.0
100	PI/2 BPSK	270	0		19.81			
100	QPSK	1	1		19.85		20.0	0.0
100	QPSK	1	137		19.90			
100	QPSK	1	271		19.82			
100	QPSK	135	0		19.71		20.0	0.0
100	QPSK	135	69		19.83		20.0	0.0
100	QPSK	135	138		19.77		20.0	0.0
100	QPSK	270	0		19.71			
100	16QAM	1	1		19.85		20.0	0.0
100	64QAM	1	1		19.75		20.0	0.0
100	256QAM	1	1		19.63		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	19.57	19.66	19.69	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	19.61	19.57	19.79	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	19.72	19.75	19.74	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	19.71	19.56	19.69	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	19.74	19.66	19.73	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	19.67	19.77	19.66	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	19.62	19.56	19.62	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	19.77	19.75	19.72	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.34		19.0	0.0
100	PI/2 BPSK	1	137		18.37			
100	PI/2 BPSK	1	271		18.38			
100	PI/2 BPSK	135	0		18.47		19.0	0.0
100	PI/2 BPSK	135	69		18.24		19.0	0.0
100	PI/2 BPSK	135	138		18.25		19.0	0.0
100	PI/2 BPSK	270	0		18.39			
100	QPSK	1	1		18.32		19.0	0.0
100	QPSK	1	137		18.50			
100	QPSK	1	271		18.38			
100	QPSK	135	0		18.27		19.0	0.0
100	QPSK	135	69		18.42		19.0	0.0
100	QPSK	135	138		18.34		19.0	0.0
100	QPSK	270	0		18.31			
100	16QAM	1	1		18.36		19.0	0.0
100	64QAM	1	1		18.44		19.0	0.0
100	256QAM	1	1		18.36		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.29	18.34	18.32	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.28	18.35	18.16	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.18	18.18	18.28	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.21	18.29	18.20	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.21	18.26	18.14	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.27	18.33	18.21	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.27	18.13	18.25	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.33	18.15	18.23	19.0	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.92		22.0	0.0
100	PI/2 BPSK	1	137		21.09			
100	PI/2 BPSK	1	271		21.08			
100	PI/2 BPSK	135	0		21.07		22.0	0.0
100	PI/2 BPSK	135	69		20.99		22.0	0.0
100	PI/2 BPSK	135	138		20.91		22.0	0.0
100	PI/2 BPSK	270	0		20.98			
100	QPSK	1	1		20.97		22.0	0.0
100	QPSK	1	137		21.12			
100	QPSK	1	271		21.04			
100	QPSK	135	0		20.94		22.0	0.0
100	QPSK	135	69		21.08		22.0	0.0
100	QPSK	135	138		21.01		22.0	0.0
100	QPSK	270	0		20.91			
100	16QAM	1	1		21.11		22.0	0.0
100	64QAM	1	1		21.11		22.0	0.0
100	256QAM	1	1		20.62		22.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.82	20.86	21.02	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	20.91	20.93	21.00	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	20.97	20.90	20.85	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	20.93	21.02	20.86	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.90	20.97	20.96	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	20.99	20.95	20.89	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.79	20.86	21.02	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.98	20.80	20.82	22.0	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		17.57		19.0	0.0
100	PI/2 BPSK	1	137		17.44			
100	PI/2 BPSK	1	271		17.46			
100	PI/2 BPSK	135	0		17.76		19.0	0.0
100	PI/2 BPSK	135	69		17.49		19.0	0.0
100	PI/2 BPSK	135	138		17.38		19.0	0.0
100	PI/2 BPSK	270	0		17.54			
100	QPSK	1	1		17.47		19.0	0.0
100	QPSK	1	137		17.79			
100	QPSK	1	271		17.47			
100	QPSK	135	0		17.53		19.0	0.0
100	QPSK	135	69		17.70		19.0	0.0
100	QPSK	135	138		17.63		19.0	0.0
100	QPSK	270	0		17.55			
100	16QAM	1	1		17.64		19.0	0.0
100	64QAM	1	1		17.75		19.0	0.0
100	256QAM	1	1		17.55		19.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.60	17.47	17.53	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	17.61	17.58	17.44	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.57	17.45	17.47	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	17.58	17.49	17.60	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	17.63	17.41	17.59	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	17.50	17.48	17.63	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	17.59	17.52	17.54	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	17.42	17.48	17.57	19.0	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		20.08		22.0	0.0
100	PI/2 BPSK	1	137		20.24			
100	PI/2 BPSK	1	271		20.25			
100	PI/2 BPSK	135	0		20.20		22.0	0.0
100	PI/2 BPSK	135	69		20.13		22.0	0.0
100	PI/2 BPSK	135	138		20.04		22.0	0.0
100	PI/2 BPSK	270	0		20.02			
100	QPSK	1	1		20.15		22.0	0.0
100	QPSK	1	137		20.35			
100	QPSK	1	271		20.06			
100	QPSK	135	0		20.07		22.0	0.0
100	QPSK	135	69		20.20		22.0	0.0
100	QPSK	135	138		20.13		22.0	0.0
100	QPSK	270	0		20.12			
100	16QAM	1	1		20.24		22.0	0.0
100	64QAM	1	1		20.34		22.0	0.0
100	256QAM	1	1		20.07		22.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.01	20.15	20.21	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	20.14	20.02	20.15	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	20.14	20.13	20.15	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	20.15	20.12	20.21	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	20.06	20.11	20.03	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	20.12	20.03	20.04	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	20.08	20.17	20.01	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	20.13	20.10	20.09	22.0	0.0

Reduced Power for DSI 4 for 5G NR DFT-30 for Main PA

n2 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.78	22.82	22.70	24.0	0.0
20	PI/2 BPSK	1	26	22.59	22.73	22.65		
20	PI/2 BPSK	1	49	22.63	22.68	22.56		
20	PI/2 BPSK	25	0	22.16	22.31	22.20	23.5	0.5
20	PI/2 BPSK	25	13	22.77	22.81	22.73	24.0	0.0
20	PI/2 BPSK	25	26	22.11	22.23	22.15	23.5	0.5
20	PI/2 BPSK	50	0	22.20	22.29	22.24		
20	QPSK	1	1	22.83	22.88	22.78	24.0	0.0
20	QPSK	1	26	22.73	22.76	22.64		
20	QPSK	1	49	22.63	22.71	22.58		
20	QPSK	25	0	21.68	21.78	21.71	23.0	1.0
20	QPSK	25	13	22.74	22.85	22.78	24.0	0.0
20	QPSK	25	26	21.69	21.74	21.62	23.0	1.0
20	QPSK	50	0	21.74	21.81	21.75		
20	16QAM	1	1	21.43	21.51	21.44	23.0	1.0
20	64QAM	1	1	20.12	20.16	20.08	21.5	2.5
20	256QAM	1	1	18.63	18.70	18.57	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.76	22.85	22.70	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.79	22.81	22.64	24.0	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	23.00	23.05	22.94	24.0	0.0
20	PI/2 BPSK	1	26	22.90	23.00	22.89		
20	PI/2 BPSK	1	49	22.84	22.96	22.84		
20	PI/2 BPSK	25	0	22.57	22.62	22.55	23.5	0.5
20	PI/2 BPSK	25	13	22.91	23.06	23.02	24.0	0.0
20	PI/2 BPSK	25	26	22.43	22.54	22.46	23.5	0.5
20	PI/2 BPSK	50	0	22.54	22.63	22.54		
20	QPSK	1	1	23.04	23.14	23.10	24.0	0.0
20	QPSK	1	26	22.93	23.04	22.99		
20	QPSK	1	49	22.79	22.90	22.84		
20	QPSK	25	0	22.10	22.16	22.13	23.0	1.0
20	QPSK	25	13	22.95	23.06	22.95	24.0	0.0
20	QPSK	25	26	22.00	22.03	22.00	23.0	1.0
20	QPSK	50	0	22.06	22.11	21.97		
20	16QAM	1	1	21.69	21.76	21.70	23.0	1.0
20	64QAM	1	1	20.14	20.19	20.15	21.5	2.5
20	256QAM	1	1	18.63	18.75	18.69	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.98	23.08	23.03	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.90	23.01	22.96	24.0	0.0

n7 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.92	23.02	22.87	24.0	0.0
20	PI/2 BPSK	1	26	22.81	22.96	22.84		
20	PI/2 BPSK	1	49	22.87	22.91	22.78		
20	PI/2 BPSK	25	0	22.38	22.52	22.47	23.5	0.5
20	PI/2 BPSK	25	13	22.97	23.01	22.95	24.0	0.0
20	PI/2 BPSK	25	26	22.50	22.54	22.40	23.5	0.5
20	PI/2 BPSK	50	0	22.45	22.58	22.48		
20	QPSK	1	1	22.97	23.06	23.04	24.0	0.0
20	QPSK	1	26	22.92	23.02	22.98		
20	QPSK	1	49	22.88	22.94	22.85		
20	QPSK	25	0	21.89	22.01	21.91	23.0	1.0
20	QPSK	25	13	22.98	23.03	22.91	24.0	0.0
20	QPSK	25	26	21.98	22.07	21.96	23.0	1.0
20	QPSK	50	0	22.02	22.11	21.97		
20	16QAM	1	1	21.53	21.64	21.49	23.0	1.0
20	64QAM	1	1	20.22	20.28	20.24	21.5	2.5
20	256QAM	1	1	18.83	18.86	18.72	19.5	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.89	23.00	22.98	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.83	22.98	22.94	24.0	0.0

n38 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.29	22.39	22.36	24.0	0.0
40	PI/2 BPSK	1	53	22.97	23.07	22.92		
40	PI/2 BPSK	1	104	22.49	22.56	22.50		
40	PI/2 BPSK	50	0	22.34	22.48	22.45	23.5	0.5
40	PI/2 BPSK	50	28	22.95	23.07	22.93	24.0	0.0
40	PI/2 BPSK	50	56	22.33	22.36	22.24	23.5	0.5
40	PI/2 BPSK	100	0	22.37	22.49	22.37		
40	QPSK	1	1	22.33	22.44	22.41	24.0	0.0
40	QPSK	1	53	23.07	23.11	23.02		
40	QPSK	1	104	22.49	22.53	22.44		
40	QPSK	50	0	21.75	21.90	21.82	23.0	1.0
40	QPSK	50	28	22.92	23.03	22.96	24.0	0.0
40	QPSK	50	56	21.78	21.87	21.77	23.0	1.0
40	QPSK	100	0	21.83	21.95	21.88		
40	16QAM	1	1	21.08	21.16	21.05	23.0	1.0
40	64QAM	1	1	19.73	19.83	19.75	21.5	2.5
40	256QAM	1	1	18.34	18.42	18.32	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	23.01	22.99	22.97	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.97	22.97	22.98	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.02	23.00	22.93	19.0	2.5
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.03	23.04	22.95	19.0	2.5
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.99	23.08	22.90	15.0	4.5

n41 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518998	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.02	22.06	22.03	24.0	0.0
100	PI/2 BPSK	1	137	23.06	23.09	22.99		
100	PI/2 BPSK	1	271	22.01	22.10	22.04		
100	PI/2 BPSK	135	0	22.35	22.38	22.27	23.5	0.5
100	PI/2 BPSK	135	69	23.07	23.16	23.13	24.0	0.0
100	PI/2 BPSK	135	138	22.26	22.37	22.24	23.5	0.5
100	PI/2 BPSK	270	0	22.32	22.44	22.35		
100	QPSK	1	1	22.03	22.11	22.07	24.0	0.0
100	QPSK	1	137	23.16	23.21	22.98		
100	QPSK	1	271	22.10	22.14	22.11		
100	QPSK	135	0	21.83	21.90	21.85	23.0	1.0
100	QPSK	135	69	23.01	23.12	23.09	24.0	0.0
100	QPSK	135	138	21.74	21.87	21.74	23.0	1.0
100	QPSK	270	0	21.81	21.89	21.84		
100	16QAM	1	1	21.18	21.23	21.13	23.0	1.0
100	64QAM	1	1	19.68	19.74	19.66	21.5	2.5
100	256QAM	1	1	18.23	18.31	18.26	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.05	23.08	22.93	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	23.08	23.17	22.89	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.05	23.10	22.93	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.11	23.13	22.94	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.01	23.08	22.86	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.04	23.06	22.85	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.12	23.09	22.84	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.09	23.18	22.84	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.12	23.15	22.86	24.0	0.0

Part27O n77 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.14	23.55	24.02	25.0	0.0
100	PI/2 BPSK	1	137	24.26	24.76	24.70		
100	PI/2 BPSK	1	271	23.16	23.60	23.78		
100	PI/2 BPSK	135	0	23.65	24.03	23.95	24.5	0.5
100	PI/2 BPSK	135	69	24.23	24.63	24.59	25.0	0.0
100	PI/2 BPSK	135	138	23.87	24.30	24.24	24.5	0.5
100	PI/2 BPSK	270	0	23.79	24.30	24.23		
100	QPSK	1	1	23.20	23.55	24.08	25.0	0.0
100	QPSK	1	137	24.31	24.79	24.72		
100	QPSK	1	271	23.13	23.56	23.81		
100	QPSK	135	0	23.14	23.62	23.58	24.0	1.0
100	QPSK	135	69	24.30	24.64	24.61	25.0	0.0
100	QPSK	135	138	23.26	23.69	23.56	24.0	1.0
100	QPSK	270	0	23.28	23.78	23.73		
100	16QAM	1	1	22.54	22.89	22.84	24.0	1.0
100	64QAM	1	1	21.09	21.59	21.51	22.5	2.5
100	256QAM	1	1	19.58	19.98	19.87	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.21	24.75	24.59	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.25	24.67	24.67	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.28	24.64	24.65	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.21	24.69	24.59	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.21	24.74	24.58	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.23	24.71	24.67	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.22	24.66	24.68	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.18	24.69	24.60	25.0	0.0

Part27Q n77 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.29		25.0	0.0
100	PI/2 BPSK	1	137		24.44			
100	PI/2 BPSK	1	271		23.29			
100	PI/2 BPSK	135	0		23.69		25.0	0.0
100	PI/2 BPSK	135	69		24.34		25.0	0.0
100	PI/2 BPSK	135	138		24.02		25.0	0.0
100	PI/2 BPSK	270	0		23.98			
100	QPSK	1	1		23.23		25.0	0.0
100	QPSK	1	137		24.50			
100	QPSK	1	271		23.22			
100	QPSK	135	0		23.37		25.0	0.0
100	QPSK	135	69		24.40		25.0	0.0
100	QPSK	135	138		23.44		25.0	0.0
100	QPSK	270	0		23.48			
100	16QAM	1	1		22.66		24.0	1.0
100	64QAM	1	1		21.69		23.5	1.5
100	256QAM	1	1		19.64		21.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.46	24.46	24.37	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	24.38	24.44	24.40	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	24.37	24.36	24.45	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.36	24.46	24.38	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.43	24.41	24.40	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	24.47	24.39	24.42	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	24.46	24.42	24.42	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	24.42	24.40	24.36	25.0	0.0

PC3 Part27O n78 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.10		25.0	0.0
100	PI/2 BPSK	1	137		23.78			
100	PI/2 BPSK	1	271		23.10			
100	PI/2 BPSK	135	0		23.65		25.0	0.0
100	PI/2 BPSK	135	69		23.81		25.0	0.0
100	PI/2 BPSK	135	138		23.73		25.0	0.0
100	PI/2 BPSK	270	0		23.79			
100	QPSK	1	1		23.10		25.0	0.0
100	QPSK	1	137		23.93			
100	QPSK	1	271		23.10			
100	QPSK	135	0		23.53		25.0	0.0
100	QPSK	135	69		23.88		25.0	0.0
100	QPSK	135	138		23.57		25.0	0.0
100	QPSK	270	0		23.64			
100	16QAM	1	1		22.41		24.0	1.0
100	64QAM	1	1		21.95		23.5	1.5
100	256QAM	1	1		20.37		21.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.78	23.88	23.82	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	23.78	23.87	23.83	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	23.86	23.79	23.84	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	23.85	23.83	23.80	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.85	23.84	23.82	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	23.84	23.87	23.86	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	23.84	23.81	23.88	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.82	23.79	23.89	25.0	0.0

PC2 Part27O n78 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.18		27.0	0.0
100	PI/2 BPSK	1	137		25.93			
100	PI/2 BPSK	1	271		25.31			
100	PI/2 BPSK	135	0		25.35		27.0	0.0
100	PI/2 BPSK	135	69		25.95		27.0	0.0
100	PI/2 BPSK	135	138		25.33		27.0	0.0
100	PI/2 BPSK	270	0		25.47			
100	QPSK	1	1		25.22		27.0	0.0
100	QPSK	1	137		25.97			
100	QPSK	1	271		25.33			
100	QPSK	135	0		25.35		27.0	0.0
100	QPSK	135	69		25.93		27.0	0.0
100	QPSK	135	138		25.55		27.0	0.0
100	QPSK	270	0		25.55			
100	16QAM	1	1		24.32		26.0	1.0
100	64QAM	1	1		22.86		24.5	2.5
100	256QAM	1	1		20.52		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	25.82	25.88	25.92	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	25.92	25.93	25.86	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	25.93	25.83	25.85	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	25.93	25.91	25.87	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.93	25.87	25.93	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	25.85	25.84	25.84	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	25.92	25.93	25.88	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.89	25.89	25.83	27.0	0.0

PC3 Part27Q n78 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.10		25.0	0.0
100	PI/2 BPSK	1	137		23.80			
100	PI/2 BPSK	1	271		23.10			
100	PI/2 BPSK	135	0		23.26		25.0	0.0
100	PI/2 BPSK	135	69		23.69		25.0	0.0
100	PI/2 BPSK	135	138		23.24		25.0	0.0
100	PI/2 BPSK	270	0		23.28			
100	QPSK	1	1		23.10		25.0	0.0
100	QPSK	1	137		23.84			
100	QPSK	1	271		23.10			
100	QPSK	135	0		23.10		25.0	0.0
100	QPSK	135	69		23.79		25.0	0.0
100	QPSK	135	138		23.68		25.0	0.0
100	QPSK	270	0		23.71			
100	16QAM	1	1		22.63		24.0	1.0
100	64QAM	1	1		21.94		23.5	1.5
100	256QAM	1	1		20.19		21.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.70	23.74	23.76	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.71	23.77	23.80	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.78	23.78	23.70	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	23.70	23.78	23.79	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	23.81	23.73	23.76	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.80	23.79	23.80	25.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.75	23.76	23.74	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	23.70	23.74	23.70	25.0	0.0

PC2 Part27Q n78 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.12		27.0	0.0
100	PI/2 BPSK	1	137		25.72			
100	PI/2 BPSK	1	271		25.20			
100	PI/2 BPSK	135	0		25.33		27.0	0.0
100	PI/2 BPSK	135	69		25.70		27.0	0.0
100	PI/2 BPSK	135	138		25.10		27.0	0.0
100	PI/2 BPSK	270	0		25.10			
100	QPSK	1	1		25.01		27.0	0.0
100	QPSK	1	137		25.79			
100	QPSK	1	271		25.27			
100	QPSK	135	0		25.36		27.0	0.0
100	QPSK	135	69		25.71		27.0	0.0
100	QPSK	135	138		25.26		27.0	0.0
100	QPSK	270	0		25.31			
100	16QAM	1	1		24.93		26.0	1.0
100	64QAM	1	1		22.56		24.5	2.5
100	256QAM	1	1		21.03		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.06	25.03	25.09	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.14	25.10	25.15	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.08	25.14	25.05	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.07	25.07	25.07	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.09	25.03	25.12	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.11	25.05	25.08	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	25.10	25.14	25.09	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.07	25.08	25.06	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.63	20.71	20.55	21.0	0.0
100	PI/2 BPSK	1	137	20.66	20.75	20.56		
100	PI/2 BPSK	1	271	20.78	20.90	20.52		
100	PI/2 BPSK	135	0	20.70	20.86	20.50	21.0	0.0
100	PI/2 BPSK	135	69	20.61	20.78	20.63	21.0	0.0
100	PI/2 BPSK	135	138	20.59	20.76	20.48	21.0	0.0
100	PI/2 BPSK	270	0	20.72	20.82	20.54		
100	QPSK	1	1	20.72	20.82	20.54	21.0	0.0
100	QPSK	1	137	20.78	20.92	20.70		
100	QPSK	1	271	20.77	20.70	20.51		
100	QPSK	135	0	20.77	20.80	20.69	21.0	0.0
100	QPSK	135	69	20.58	20.89	20.55	21.0	0.0
100	QPSK	135	138	20.69	20.88	20.71	21.0	0.0
100	QPSK	270	0	20.77	20.80	20.65		
100	16QAM	1	1	20.60	20.84	20.60	21.0	0.0
100	64QAM	1	1	20.74	20.73	20.67	21.0	0.0
100	256QAM	1	1	19.05	19.13	19.05	20.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.66	20.84	20.54	21.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.68	20.84	20.54	21.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.57	20.80	20.57	21.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.65	20.87	20.71	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.77	20.71	20.58	21.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.73	20.86	20.66	21.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.74	20.74	20.66	21.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.72	20.75	20.66	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.08		21.0	0.0
100	PI/2 BPSK	1	137		20.13			
100	PI/2 BPSK	1	271		20.12			
100	PI/2 BPSK	135	0		20.19		21.0	0.0
100	PI/2 BPSK	135	69		20.20		21.0	0.0
100	PI/2 BPSK	135	138		20.07		21.0	0.0
100	PI/2 BPSK	270	0		20.12			
100	QPSK	1	1		20.18		21.0	0.0
100	QPSK	1	137		20.22			
100	QPSK	1	271		20.02			
100	QPSK	135	0		20.03		21.0	0.0
100	QPSK	135	69		20.13		21.0	0.0
100	QPSK	135	138		20.11		21.0	0.0
100	QPSK	270	0		20.10			
100	16QAM	1	1		20.00		21.0	0.0
100	64QAM	1	1		20.18		21.0	0.0
100	256QAM	1	1		19.52		20.0	1.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.91	19.95	20.09	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.95	19.92	19.93	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.95	19.97	19.96	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.98	20.13	20.08	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.04	20.04	20.11	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.11	20.04	20.00	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.98	19.96	20.14	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.93	20.14	20.00	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.85		19.5	0.0
100	PI/2 BPSK	1	137		18.81			
100	PI/2 BPSK	1	271		18.79			
100	PI/2 BPSK	135	0		18.90		19.5	0.0
100	PI/2 BPSK	135	69		18.88		19.5	0.0
100	PI/2 BPSK	135	138		18.99		19.5	0.0
100	PI/2 BPSK	270	0		18.84			
100	QPSK	1	1		18.98		19.5	0.0
100	QPSK	1	137		19.00			
100	QPSK	1	271		18.93			
100	QPSK	135	0		18.80		19.5	0.0
100	QPSK	135	69		18.96		19.5	0.0
100	QPSK	135	138		18.90		19.5	0.0
100	QPSK	270	0		18.83			
100	16QAM	1	1		18.82		19.5	0.0
100	64QAM	1	1		18.81		19.5	0.0
100	256QAM	1	1		18.97		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	18.74	18.73	18.82	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	18.65	18.67	18.74	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	18.63	18.74	18.80	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	18.74	18.66	18.80	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.61	18.64	18.72	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	18.62	18.64	18.67	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	18.77	18.74	18.60	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.84	18.61	18.72	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.74		22.5	0.0
100	PI/2 BPSK	1	137		21.77			
100	PI/2 BPSK	1	271		21.70			
100	PI/2 BPSK	135	0		21.72		22.5	0.0
100	PI/2 BPSK	135	69		21.73		22.5	0.0
100	PI/2 BPSK	135	138		21.71		22.5	0.0
100	PI/2 BPSK	270	0		21.72			
100	QPSK	1	1		21.69		22.5	0.0
100	QPSK	1	137		21.88			
100	QPSK	1	271		21.69			
100	QPSK	135	0		21.75		22.5	0.0
100	QPSK	135	69		21.80		22.5	0.0
100	QPSK	135	138		21.72		22.5	0.0
100	QPSK	270	0		21.74			
100	16QAM	1	1		21.74		22.5	0.0
100	64QAM	1	1		21.70		22.5	0.0
100	256QAM	1	1		21.66		22.0	0.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.69	21.49	21.62	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.69	21.49	21.69	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.57	21.48	21.52	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.68	21.61	21.59	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.61	21.67	21.53	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.56	21.69	21.57	22.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.58	21.55	21.49	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.67	21.56	21.66	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.50		19.5	0.0
100	PI/2 BPSK	1	137		18.59			
100	PI/2 BPSK	1	271		18.44			
100	PI/2 BPSK	135	0		18.57		19.5	0.0
100	PI/2 BPSK	135	69		18.61		19.5	0.0
100	PI/2 BPSK	135	138		18.69		19.5	0.0
100	PI/2 BPSK	270	0		18.50			
100	QPSK	1	1		18.68		19.5	0.0
100	QPSK	1	137		18.80			
100	QPSK	1	271		18.68			
100	QPSK	135	0		18.45		19.5	0.0
100	QPSK	135	69		18.73		19.5	0.0
100	QPSK	135	138		18.72		19.5	0.0
100	QPSK	270	0		18.50			
100	16QAM	1	1		18.51		19.5	0.0
100	64QAM	1	1		18.60		19.5	0.0
100	256QAM	1	1		18.67		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	18.49	18.32	18.49	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	18.30	18.38	18.32	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	18.43	18.31	18.36	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	18.52	18.31	18.37	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	18.34	18.49	18.36	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	18.31	18.47	18.43	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	18.36	18.52	18.46	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	18.37	18.31	18.33	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.82		22.5	0.0
100	PI/2 BPSK	1	137		21.89			
100	PI/2 BPSK	1	271		21.74			
100	PI/2 BPSK	135	0		21.89		22.5	0.0
100	PI/2 BPSK	135	69		21.78		22.5	0.0
100	PI/2 BPSK	135	138		21.77		22.5	0.0
100	PI/2 BPSK	270	0		21.76			
100	QPSK	1	1		21.93		22.5	0.0
100	QPSK	1	137		22.04			
100	QPSK	1	271		21.92			
100	QPSK	135	0		21.79		22.5	0.0
100	QPSK	135	69		21.89		22.5	0.0
100	QPSK	135	138		21.81		22.5	0.0
100	QPSK	270	0		21.80			
100	16QAM	1	1		21.91		22.5	0.0
100	64QAM	1	1		21.93		22.5	0.0
100	256QAM	1	1		21.79		22.0	0.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.71	21.63	21.71	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	21.64	21.83	21.64	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	21.63	21.64	21.61	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	21.75	21.70	21.67	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	21.71	21.73	21.64	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	21.74	21.69	21.80	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	21.64	21.75	21.62	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	21.75	21.71	21.64	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.97	22.06	22.04	23.0	0.0
100	PI/2 BPSK	1	137	21.90	21.98	22.03		
100	PI/2 BPSK	1	271	21.87	22.00	22.11		
100	PI/2 BPSK	135	0	21.90	22.06	22.10	23.0	0.0
100	PI/2 BPSK	135	69	22.06	22.04	22.08	23.0	0.0
100	PI/2 BPSK	135	138	21.86	22.09	22.02	23.0	0.0
100	PI/2 BPSK	270	0	21.88	22.12	22.00		
100	QPSK	1	1	21.90	22.04	22.08	23.0	0.0
100	QPSK	1	137	22.06	22.16	22.12		
100	QPSK	1	271	21.90	22.01	21.93		
100	QPSK	135	0	21.98	21.93	22.05	23.0	0.0
100	QPSK	135	69	21.91	22.08	21.97	23.0	0.0
100	QPSK	135	138	21.91	21.93	21.94	23.0	0.0
100	QPSK	270	0	22.00	22.05	22.04		
100	16QAM	1	1	22.00	22.11	22.06	23.0	0.0
100	64QAM	1	1	19.51	19.53	19.58	21.5	1.5
100	256QAM	1	1	18.15	18.33	18.15	19.5	3.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.98	22.00	22.12	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.91	22.06	22.05	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.94	22.02	22.13	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.88	22.11	21.94	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.93	21.99	22.08	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.88	22.05	22.14	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.03	22.14	21.94	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.99	22.13	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.25		23.0	0.0
100	PI/2 BPSK	1	137		22.26			
100	PI/2 BPSK	1	271		22.35			
100	PI/2 BPSK	135	0		22.17		23.0	0.0
100	PI/2 BPSK	135	69		22.25		23.0	0.0
100	PI/2 BPSK	135	138		22.19		23.0	0.0
100	PI/2 BPSK	270	0		22.14			
100	QPSK	1	1		22.32		23.0	0.0
100	QPSK	1	137		22.36			
100	QPSK	1	271		22.33			
100	QPSK	135	0		21.90		23.0	0.0
100	QPSK	135	69		22.33		23.0	0.0
100	QPSK	135	138		21.83		23.0	0.0
100	QPSK	270	0		22.25			
100	16QAM	1	1		21.22		23.0	0.0
100	64QAM	1	1		19.62		21.5	1.5
100	256QAM	1	1		18.16		19.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.02	22.06	22.15	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	22.11	22.05	22.15	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	21.99	22.05	22.15	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	22.04	21.99	22.10	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	22.13	21.95	21.94	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	22.09	22.04	22.10	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	21.93	22.10	21.96	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	22.12	21.95	21.95	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.60		23.0	0.0
100	PI/2 BPSK	1	137		21.51			
100	PI/2 BPSK	1	271		21.51			
100	PI/2 BPSK	135	0		21.70		23.0	0.0
100	PI/2 BPSK	135	69		21.61		23.0	0.0
100	PI/2 BPSK	135	138		21.67		23.0	0.0
100	PI/2 BPSK	270	0		21.54			
100	QPSK	1	1		21.48		23.0	0.0
100	QPSK	1	137		21.73			
100	QPSK	1	271		21.68			
100	QPSK	135	0		21.61		23.0	0.0
100	QPSK	135	69		21.65		23.0	0.0
100	QPSK	135	138		21.61		23.0	0.0
100	QPSK	270	0		21.60			
100	16QAM	1	1		21.67		23.0	0.0
100	64QAM	1	1		21.70		23.0	0.0
100	256QAM	1	1		20.54		22.5	0.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.59	21.51	21.45	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	21.59	21.62	21.54	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	21.56	21.42	21.46	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	21.58	21.60	21.57	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.60	21.45	21.41	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	21.55	21.58	21.51	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	21.63	21.44	21.57	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3706	3750	3795		
10	QPSK	1	1	21.41	21.40	21.59	23.0	0.0

PC2 Part27O n78 Ant6 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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		24.58		26.0	0.0
100	PI/2 BPSK	1	137		24.66			
100	PI/2 BPSK	1	271		24.50			
100	PI/2 BPSK	135	0		24.63		26.0	0.0
100	PI/2 BPSK	135	69		24.52		26.0	0.0
100	PI/2 BPSK	135	138		24.50		26.0	0.0
100	PI/2 BPSK	270	0		24.55			
100	QPSK	1	1		24.44		26.0	0.0
100	QPSK	1	137		24.68			
100	QPSK	1	271		24.54			
100	QPSK	135	0		24.63		26.0	0.0
100	QPSK	135	69		24.65		26.0	0.0
100	QPSK	135	138		24.48		26.0	0.0
100	QPSK	270	0		24.58			
100	16QAM	1	1		24.22		26.0	0.0
100	64QAM	1	1		22.55		24.5	1.5
100	256QAM	1	1		20.51		22.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.40	24.28	24.42	26.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.29	24.45	24.47	26.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.38	24.37	24.44	26.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.30	24.43	24.44	26.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.40	24.43	24.32	26.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.36	24.31	24.34	26.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.44	24.42	24.45	26.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.31	24.26	24.43	26.0	0.0

PC3 Part27Q n78 Ant6 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		21.66		23.0	0.0
100	PI/2 BPSK	1	137		21.65			
100	PI/2 BPSK	1	271		21.75			
100	PI/2 BPSK	135	0		21.66		23.0	0.0
100	PI/2 BPSK	135	69		21.55		23.0	0.0
100	PI/2 BPSK	135	138		21.56		23.0	0.0
100	PI/2 BPSK	270	0		21.73			
100	QPSK	1	1		21.74		23.0	0.0
100	QPSK	1	137		21.76			
100	QPSK	1	271		21.58			
100	QPSK	135	0		21.65		23.0	0.0
100	QPSK	135	69		21.68		23.0	0.0
100	QPSK	135	138		21.64		23.0	0.0
100	QPSK	270	0		21.57			
100	16QAM	1	1		21.74		23.0	0.0
100	64QAM	1	1		21.62		23.0	0.0
100	256QAM	1	1		20.63		22.5	0.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.35	21.58	21.39	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	21.58	21.53	21.57	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	21.48	21.50	21.44	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	21.55	21.52	21.44	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	21.59	21.57	21.42	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	21.41	21.53	21.46	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	21.58	21.46	21.41	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	21.49	21.47	21.47	23.0	0.0

PC2 Part27Q n78 Ant6 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		24.56		26.0	0.0
100	PI/2 BPSK	1	137		24.58			
100	PI/2 BPSK	1	271		24.49			
100	PI/2 BPSK	135	0		24.51		26.0	0.0
100	PI/2 BPSK	135	69		24.49		26.0	0.0
100	PI/2 BPSK	135	138		24.71		26.0	0.0
100	PI/2 BPSK	270	0		24.58			
100	QPSK	1	1		24.49		26.0	0.0
100	QPSK	1	137		24.73			
100	QPSK	1	271		24.48			
100	QPSK	135	0		24.66		26.0	0.0
100	QPSK	135	69		24.70		26.0	0.0
100	QPSK	135	138		24.59		26.0	0.0
100	QPSK	270	0		24.61			
100	16QAM	1	1		24.56		26.0	0.0
100	64QAM	1	1		22.66		24.5	1.5
100	256QAM	1	1		20.55		22.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.45	24.60	24.52	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.43	24.46	24.46	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.55	24.49	24.40	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.60	24.44	24.45	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.59	24.41	24.55	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.60	24.39	24.38	26.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.47	24.53	24.50	26.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.40	24.55	24.41	26.0	0.0

n2 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.72	20.75	20.62	22.0	0.0
20	PI/2 BPSK	1	26	20.63	20.71	20.64		
20	PI/2 BPSK	1	49	20.55	20.68	20.58		
20	PI/2 BPSK	25	0	20.03	20.18	20.07	21.5	0.5
20	PI/2 BPSK	25	13	20.70	20.73	20.63	22.0	0.0
20	PI/2 BPSK	25	26	20.08	20.20	20.06	21.5	0.5
20	PI/2 BPSK	50	0	20.20	20.27	20.15		
20	QPSK	1	1	20.76	20.83	20.71	22.0	0.0
20	QPSK	1	26	20.69	20.79	20.73		
20	QPSK	1	49	20.52	20.58	20.55		
20	QPSK	25	0	19.58	19.71	19.67	21.0	1.0
20	QPSK	25	13	20.68	20.79	20.73	22.0	0.0
20	QPSK	25	26	19.58	19.68	19.57	21.0	1.0
20	QPSK	50	0	19.61	19.72	19.59		
20	16QAM	1	1	19.41	19.48	19.41	21.0	1.0
20	64QAM	1	1	18.08	18.14	18.03	19.5	2.5
20	256QAM	1	1	16.61	16.68	16.54	17.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.65	20.80	20.57	22.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.68	20.71	20.63	22.0	0.0

n5 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.68	21.73	21.70	23.0	0.0
20	PI/2 BPSK	1	26	21.52	21.57	21.45		
20	PI/2 BPSK	1	49	21.46	21.54	21.48		
20	PI/2 BPSK	25	0	21.14	21.23	21.18	22.5	0.5
20	PI/2 BPSK	25	13	21.66	21.69	21.64	23.0	0.0
20	PI/2 BPSK	25	26	21.09	21.24	21.15	22.5	0.5
20	PI/2 BPSK	50	0	21.15	21.29	21.15		
20	QPSK	1	1	21.71	21.76	21.63	23.0	0.0
20	QPSK	1	26	21.60	21.65	21.57		
20	QPSK	1	49	21.44	21.50	21.43		
20	QPSK	25	0	20.60	20.75	20.65	22.0	1.0
20	QPSK	25	13	21.60	21.70	21.62	23.0	0.0
20	QPSK	25	26	20.54	20.66	20.58	22.0	1.0
20	QPSK	50	0	20.69	20.73	20.62		
20	16QAM	1	1	20.29	20.41	20.38	22.0	1.0
20	64QAM	1	1	18.78	18.92	18.89	20.5	2.5
20	256QAM	1	1	17.40	17.52	17.46	18.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.62	21.71	21.53	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.66	21.69	21.49	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.37	19.47	19.24	20.0	0.0
100	PI/2 BPSK	1	137	19.48	19.38	19.20		
100	PI/2 BPSK	1	271	19.32	19.46	19.36		
100	PI/2 BPSK	135	0	19.40	19.52	19.22	20.0	0.0
100	PI/2 BPSK	135	69	19.38	19.54	19.35	20.0	0.0
100	PI/2 BPSK	135	138	19.31	19.41	19.20	20.0	0.0
100	PI/2 BPSK	270	0	19.48	19.45	19.34		
100	QPSK	1	1	19.32	19.52	19.36	20.0	0.0
100	QPSK	1	137	19.53	19.57	19.39		
100	QPSK	1	271	19.51	19.49	19.25		
100	QPSK	135	0	19.36	19.45	19.22	20.0	0.0
100	QPSK	135	69	19.46	19.51	19.26	20.0	0.0
100	QPSK	135	138	19.48	19.34	19.33	20.0	0.0
100	QPSK	270	0	19.33	19.43	19.30		
100	16QAM	1	1	19.44	19.56	19.22	20.0	0.0
100	64QAM	1	1	19.43	19.40	19.37	20.0	0.0
100	256QAM	1	1	18.97	18.82	18.79	20.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.37	19.56	19.28	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.33	19.51	19.29	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.45	19.40	19.35	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.36	19.53	19.28	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.42	19.52	19.21	20.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.53	19.33	19.35	20.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.51	19.42	19.22	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.31	19.50	19.27	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.45	19.41	19.21	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.44	19.45	19.30	20.0	0.0

Part27Q n77 Ant11 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		19.88		20.0	0.0
100	PI/2 BPSK	1	137		19.85			
100	PI/2 BPSK	1	271		19.81			
100	PI/2 BPSK	135	0		19.73		20.0	0.0
100	PI/2 BPSK	135	69		19.89		20.0	0.0
100	PI/2 BPSK	135	138		19.86		20.0	0.0
100	PI/2 BPSK	270	0		19.81			
100	QPSK	1	1		19.85		20.0	0.0
100	QPSK	1	137		19.90			
100	QPSK	1	271		19.82			
100	QPSK	135	0		19.71		20.0	0.0
100	QPSK	135	69		19.83		20.0	0.0
100	QPSK	135	138		19.77		20.0	0.0
100	QPSK	270	0		19.71			
100	16QAM	1	1		19.85		20.0	0.0
100	64QAM	1	1		19.75		20.0	0.0
100	256QAM	1	1		19.63		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	19.57	19.66	19.69	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	19.61	19.57	19.79	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	19.72	19.75	19.74	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	19.71	19.56	19.69	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	19.74	19.66	19.73	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	19.67	19.77	19.66	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	19.62	19.56	19.62	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	19.77	19.75	19.72	20.0	0.0

PC3 Part27O n78 Ant11 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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.34		19.0	0.0
100	PI/2 BPSK	1	137		18.37			
100	PI/2 BPSK	1	271		18.38			
100	PI/2 BPSK	135	0		18.47		19.0	0.0
100	PI/2 BPSK	135	69		18.24		19.0	0.0
100	PI/2 BPSK	135	138		18.25		19.0	0.0
100	PI/2 BPSK	270	0		18.39			
100	QPSK	1	1		18.32		19.0	0.0
100	QPSK	1	137		18.50			
100	QPSK	1	271		18.38			
100	QPSK	135	0		18.27		19.0	0.0
100	QPSK	135	69		18.42		19.0	0.0
100	QPSK	135	138		18.34		19.0	0.0
100	QPSK	270	0		18.31			
100	16QAM	1	1		18.36		19.0	0.0
100	64QAM	1	1		18.44		19.0	0.0
100	256QAM	1	1		18.36		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.29	18.34	18.32	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.28	18.35	18.16	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.18	18.18	18.28	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.21	18.29	18.20	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.21	18.26	18.14	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.27	18.33	18.21	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.27	18.13	18.25	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.33	18.15	18.23	19.0	0.0

PC2 Part27O n78 Ant11 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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.92		22.0	0.0
100	PI/2 BPSK	1	137		21.09			
100	PI/2 BPSK	1	271		21.08			
100	PI/2 BPSK	135	0		21.07		22.0	0.0
100	PI/2 BPSK	135	69		20.99		22.0	0.0
100	PI/2 BPSK	135	138		20.91		22.0	0.0
100	PI/2 BPSK	270	0		20.98			
100	QPSK	1	1		20.97		22.0	0.0
100	QPSK	1	137		21.12			
100	QPSK	1	271		21.04			
100	QPSK	135	0		20.94		22.0	0.0
100	QPSK	135	69		21.08		22.0	0.0
100	QPSK	135	138		21.01		22.0	0.0
100	QPSK	270	0		20.91			
100	16QAM	1	1		21.11		22.0	0.0
100	64QAM	1	1		21.11		22.0	0.0
100	256QAM	1	1		20.62		22.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.82	20.86	21.02	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	20.91	20.93	21.00	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	20.97	20.90	20.85	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	20.93	21.02	20.86	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.90	20.97	20.96	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	20.99	20.95	20.89	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.79	20.86	21.02	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.98	20.80	20.82	22.0	0.0

PC3 Part27Q n78 Ant11 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		17.57		19.0	0.0
100	PI/2 BPSK	1	137		17.44			
100	PI/2 BPSK	1	271		17.46			
100	PI/2 BPSK	135	0		17.76		19.0	0.0
100	PI/2 BPSK	135	69		17.49		19.0	0.0
100	PI/2 BPSK	135	138		17.38		19.0	0.0
100	PI/2 BPSK	270	0		17.54			
100	QPSK	1	1		17.47		19.0	0.0
100	QPSK	1	137		17.79			
100	QPSK	1	271		17.47			
100	QPSK	135	0		17.53		19.0	0.0
100	QPSK	135	69		17.70		19.0	0.0
100	QPSK	135	138		17.63		19.0	0.0
100	QPSK	270	0		17.55			
100	16QAM	1	1		17.64		19.0	0.0
100	64QAM	1	1		17.75		19.0	0.0
100	256QAM	1	1		17.55		19.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.60	17.47	17.53	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	17.61	17.58	17.44	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.57	17.45	17.47	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	17.58	17.49	17.60	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	17.63	17.41	17.59	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	17.50	17.48	17.63	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	17.59	17.52	17.54	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	17.42	17.48	17.57	19.0	0.0

PC2 Part27Q n78 Ant11 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		20.08		22.0	0.0
100	PI/2 BPSK	1	137		20.24			
100	PI/2 BPSK	1	271		20.25			
100	PI/2 BPSK	135	0		20.20		22.0	0.0
100	PI/2 BPSK	135	69		20.13		22.0	0.0
100	PI/2 BPSK	135	138		20.04		22.0	0.0
100	PI/2 BPSK	270	0		20.02			
100	QPSK	1	1		20.15		22.0	0.0
100	QPSK	1	137		20.35			
100	QPSK	1	271		20.06			
100	QPSK	135	0		20.07		22.0	0.0
100	QPSK	135	69		20.20		22.0	0.0
100	QPSK	135	138		20.13		22.0	0.0
100	QPSK	270	0		20.12			
100	16QAM	1	1		20.24		22.0	0.0
100	64QAM	1	1		20.34		22.0	0.0
100	256QAM	1	1		20.07		22.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.01	20.15	20.21	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	20.14	20.02	20.15	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	20.14	20.13	20.15	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	20.15	20.12	20.21	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	20.06	20.11	20.03	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	20.12	20.03	20.04	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	20.08	20.17	20.01	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	20.13	20.10	20.09	22.0	0.0

Reduced Power for DSI 6 for 5G NR DFT-30 for Main PA

n2 Ant1 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	19.70	19.86	19.63	21.0	0.0
20	PI/2 BPSK	1	26	19.71	19.80	19.61		
20	PI/2 BPSK	1	49	19.68	19.87	19.69		
20	PI/2 BPSK	25	0	19.74	19.81	19.68	21.0	0.0
20	PI/2 BPSK	25	13	19.65	19.69	19.73	21.0	0.0
20	PI/2 BPSK	25	26	19.56	19.89	19.63	21.0	0.0
20	PI/2 BPSK	50	0	19.64	19.81	19.67		
20	QPSK	1	1	19.75	19.93	19.72	21.0	0.0
20	QPSK	1	26	19.54	19.90	19.64		
20	QPSK	1	49	19.72	19.80	19.51		
20	QPSK	25	0	19.65	19.76	19.51	21.0	0.0
20	QPSK	25	13	19.68	19.90	19.58	21.0	0.0
20	QPSK	25	26	19.72	19.81	19.63	21.0	0.0
20	QPSK	50	0	19.73	19.82	19.59		
20	16QAM	1	1	19.58	19.90	19.67	21.0	0.0
20	64QAM	1	1	19.72	19.73	19.66	21.0	0.0
20	256QAM	1	1	18.56	18.48	18.39	19.5	1.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.74	19.79	19.70	21.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.53	19.69	19.56	21.0	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	23.00	23.05	22.94	24.0	0.0
20	PI/2 BPSK	1	26	22.90	23.00	22.89		
20	PI/2 BPSK	1	49	22.84	22.96	22.84		
20	PI/2 BPSK	25	0	22.57	22.62	22.55	23.5	0.5
20	PI/2 BPSK	25	13	22.91	23.06	23.02	24.0	0.0
20	PI/2 BPSK	25	26	22.43	22.54	22.46	23.5	0.5
20	PI/2 BPSK	50	0	22.54	22.63	22.54		
20	QPSK	1	1	23.04	23.14	23.10	24.0	0.0
20	QPSK	1	26	22.93	23.04	22.99		
20	QPSK	1	49	22.79	22.90	22.84		
20	QPSK	25	0	22.10	22.16	22.13	23.0	1.0
20	QPSK	25	13	22.95	23.06	22.95	24.0	0.0
20	QPSK	25	26	22.00	22.03	22.00	23.0	1.0
20	QPSK	50	0	22.06	22.11	21.97		
20	16QAM	1	1	21.69	21.76	21.70	23.0	1.0
20	64QAM	1	1	20.14	20.19	20.15	21.5	2.5
20	256QAM	1	1	18.63	18.75	18.69	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.98	23.08	23.03	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.90	23.01	22.96	24.0	0.0

n7 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.92	23.02	22.87	24.0	0.0
20	PI/2 BPSK	1	26	22.81	22.96	22.84		
20	PI/2 BPSK	1	49	22.87	22.91	22.78		
20	PI/2 BPSK	25	0	22.38	22.52	22.47	23.5	0.5
20	PI/2 BPSK	25	13	22.97	23.01	22.95	24.0	0.0
20	PI/2 BPSK	25	26	22.50	22.54	22.40	23.5	0.5
20	PI/2 BPSK	50	0	22.45	22.58	22.48		
20	QPSK	1	1	22.97	23.06	23.04	24.0	0.0
20	QPSK	1	26	22.92	23.02	22.98		
20	QPSK	1	49	22.88	22.94	22.85		
20	QPSK	25	0	21.89	22.01	21.91	23.0	1.0
20	QPSK	25	13	22.98	23.03	22.91	24.0	0.0
20	QPSK	25	26	21.98	22.07	21.96	23.0	1.0
20	QPSK	50	0	22.02	22.11	21.97		
20	16QAM	1	1	21.53	21.64	21.49	23.0	1.0
20	64QAM	1	1	20.22	20.28	20.24	21.5	2.5
20	256QAM	1	1	18.83	18.86	18.72	19.5	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.89	23.00	22.98	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.83	22.98	22.94	24.0	0.0

n38 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.29	22.39	22.36	24.0	0.0
40	PI/2 BPSK	1	53	22.97	23.07	22.92		
40	PI/2 BPSK	1	104	22.49	22.56	22.50		
40	PI/2 BPSK	50	0	22.34	22.48	22.45	23.5	0.5
40	PI/2 BPSK	50	28	22.95	23.07	22.93	24.0	0.0
40	PI/2 BPSK	50	56	22.33	22.36	22.24	23.5	0.5
40	PI/2 BPSK	100	0	22.37	22.49	22.37		
40	QPSK	1	1	22.33	22.44	22.41	24.0	0.0
40	QPSK	1	53	23.07	23.11	23.02		
40	QPSK	1	104	22.49	22.53	22.44		
40	QPSK	50	0	21.75	21.90	21.82	23.0	1.0
40	QPSK	50	28	22.92	23.03	22.96	24.0	0.0
40	QPSK	50	56	21.78	21.87	21.77	23.0	1.0
40	QPSK	100	0	21.83	21.95	21.88		
40	16QAM	1	1	21.08	21.16	21.05	23.0	1.0
40	64QAM	1	1	19.73	19.83	19.75	21.5	2.5
40	256QAM	1	1	18.34	18.42	18.32	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	23.01	22.99	22.97	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.97	22.97	22.98	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.02	23.00	22.93	19.0	2.5
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.03	23.04	22.95	19.0	2.5
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.99	23.08	22.90	15.0	4.5

n41 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518998	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.02	22.06	22.03	24.0	0.0
100	PI/2 BPSK	1	137	23.06	23.09	22.99		
100	PI/2 BPSK	1	271	22.01	22.10	22.04		
100	PI/2 BPSK	135	0	22.35	22.38	22.27	23.5	0.5
100	PI/2 BPSK	135	69	23.07	23.16	23.13	24.0	0.0
100	PI/2 BPSK	135	138	22.26	22.37	22.24	23.5	0.5
100	PI/2 BPSK	270	0	22.32	22.44	22.35		
100	QPSK	1	1	22.03	22.11	22.07	24.0	0.0
100	QPSK	1	137	23.16	23.21	22.98		
100	QPSK	1	271	22.10	22.14	22.11		
100	QPSK	135	0	21.83	21.90	21.85	23.0	1.0
100	QPSK	135	69	23.01	23.12	23.09	24.0	0.0
100	QPSK	135	138	21.74	21.87	21.74	23.0	1.0
100	QPSK	270	0	21.81	21.89	21.84		
100	16QAM	1	1	21.18	21.23	21.13	23.0	1.0
100	64QAM	1	1	19.68	19.74	19.66	21.5	2.5
100	256QAM	1	1	18.23	18.31	18.26	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.05	23.08	22.93	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	23.08	23.17	22.89	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.05	23.10	22.93	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.11	23.13	22.94	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.01	23.08	22.86	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.04	23.06	22.85	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.12	23.09	22.84	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.09	23.18	22.94	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.12	23.15	22.86	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.26	19.68	19.59	20.0	0.0
100	PI/2 BPSK	1	137	19.20	19.76	19.58		
100	PI/2 BPSK	1	271	19.36	19.62	19.64		
100	PI/2 BPSK	135	0	19.40	19.65	19.70	20.0	0.0
100	PI/2 BPSK	135	69	19.27	19.75	19.73	20.0	0.0
100	PI/2 BPSK	135	138	19.19	19.71	19.52	20.0	0.0
100	PI/2 BPSK	270	0	19.35	19.81	19.62		
100	QPSK	1	1	19.39	19.80	19.73	20.0	0.0
100	QPSK	1	137	19.38	19.82	19.74		
100	QPSK	1	271	19.25	19.72	19.60		
100	QPSK	135	0	19.23	19.65	19.75	20.0	0.0
100	QPSK	135	69	19.20	19.78	19.62	20.0	0.0
100	QPSK	135	138	19.25	19.64	19.72	20.0	0.0
100	QPSK	270	0	19.25	19.75	19.54		
100	16QAM	1	1	19.25	19.67	19.64	20.0	0.0
100	64QAM	1	1	19.46	19.53	19.40	20.0	0.0
100	256QAM	1	1	19.22	19.40	19.33	20.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.32	19.76	19.59	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.20	19.81	19.68	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.36	19.79	19.65	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.26	19.70	19.59	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.19	19.80	19.70	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.32	19.70	19.60	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.29	19.72	19.61	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.28	19.69	19.58	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.43		20.0	0.0
100	PI/2 BPSK	1	137		19.47			
100	PI/2 BPSK	1	271		19.42			
100	PI/2 BPSK	135	0		19.52		20.0	0.0
100	PI/2 BPSK	135	69		19.52		20.0	0.0
100	PI/2 BPSK	135	138		19.51		20.0	0.0
100	PI/2 BPSK	270	0		19.40			
100	QPSK	1	1		19.50		20.0	0.0
100	QPSK	1	137		19.57			
100	QPSK	1	271		19.47			
100	QPSK	135	0		19.49		20.0	0.0
100	QPSK	135	69		19.56		20.0	0.0
100	QPSK	135	138		19.41		20.0	0.0
100	QPSK	270	0		19.50			
100	16QAM	1	1		19.52		20.0	0.0
100	64QAM	1	1		19.42		20.0	0.0
100	256QAM	1	1		19.44		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	19.38	19.39	19.19	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	19.34	19.37	19.25	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	19.23	19.41	19.39	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	19.20	19.50	19.39	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	19.26	19.50	19.27	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	19.27	19.47	19.38	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	19.18	19.55	19.36	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	19.38	19.50	19.36	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.55		21.5	0.0
100	PI/2 BPSK	1	137		20.07			
100	PI/2 BPSK	1	271		19.60			
100	PI/2 BPSK	135	0		20.13		21.5	0.0
100	PI/2 BPSK	135	69		20.27		21.5	0.0
100	PI/2 BPSK	135	138		20.17		21.5	0.0
100	PI/2 BPSK	270	0		20.22			
100	QPSK	1	1		19.59		21.5	0.0
100	QPSK	1	137		20.41			
100	QPSK	1	271		19.54			
100	QPSK	135	0		19.93		21.5	0.0
100	QPSK	135	69		20.38		21.5	0.0
100	QPSK	135	138		20.04		21.5	0.0
100	QPSK	270	0		20.09			
100	16QAM	1	1		19.76		21.5	0.0
100	64QAM	1	1		19.82		21.5	0.0
100	256QAM	1	1		19.86		21.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.16	20.38	20.26	21.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.23	20.25	20.33	21.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.06	20.36	20.26	21.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.11	20.36	20.21	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.14	20.34	20.28	21.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.13	20.37	20.12	21.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.29	20.27	20.13	21.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.11	20.33	20.15	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.61		23.5	0.0
100	PI/2 BPSK	1	137		22.41			
100	PI/2 BPSK	1	271		21.81			
100	PI/2 BPSK	135	0		21.71		23.5	0.0
100	PI/2 BPSK	135	69		22.36		23.5	0.0
100	PI/2 BPSK	135	138		21.70		23.5	0.0
100	PI/2 BPSK	270	0		21.95			
100	QPSK	1	1		21.53		23.5	0.0
100	QPSK	1	137		22.50			
100	QPSK	1	271		21.74			
100	QPSK	135	0		21.84		23.5	0.0
100	QPSK	135	69		22.34		23.5	0.0
100	QPSK	135	138		21.88		23.5	0.0
100	QPSK	270	0		21.90			
100	16QAM	1	1		21.79		23.5	0.0
100	64QAM	1	1		21.85		23.5	0.0
100	256QAM	1	1		20.61		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	22.10	22.17	22.31	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	22.27	22.37	22.41	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	22.22	22.36	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	22.20	22.35	22.34	23.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.29	22.18	22.23	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	22.28	22.19	22.38	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	22.30	22.30	22.32	23.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.29	22.27	22.42	23.5	0.0

PC3 Part27Q n78 Ant2 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		19.53		21.5	0.0
100	PI/2 BPSK	1	137		20.27			
100	PI/2 BPSK	1	271		19.53			
100	PI/2 BPSK	135	0		19.55		21.5	0.0
100	PI/2 BPSK	135	69		20.16		21.5	0.0
100	PI/2 BPSK	135	138		19.74		21.5	0.0
100	PI/2 BPSK	270	0		19.67			
100	QPSK	1	1		19.59		21.5	0.0
100	QPSK	1	137		20.35			
100	QPSK	1	271		19.62			
100	QPSK	135	0		19.61		21.5	0.0
100	QPSK	135	69		20.25		21.5	0.0
100	QPSK	135	138		20.13		21.5	0.0
100	QPSK	270	0		20.07			
100	16QAM	1	1		20.12		21.5	0.0
100	64QAM	1	1		19.82		21.5	0.0
100	256QAM	1	1		19.57		21.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.05	20.12	20.08	21.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.09	20.04	20.09	21.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.05	20.25	20.27	21.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.12	20.05	20.22	21.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.14	20.08	20.08	21.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.11	20.03	20.14	21.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.99	20.07	20.13	21.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.13	20.04	20.09	21.5	0.0

PC2 Part27Q n78 Ant2 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		21.57		23.5	0.0
100	PI/2 BPSK	1	137		22.03			
100	PI/2 BPSK	1	271		21.56			
100	PI/2 BPSK	135	0		21.77		23.5	0.0
100	PI/2 BPSK	135	69		21.98		23.5	0.0
100	PI/2 BPSK	135	138		21.61		23.5	0.0
100	PI/2 BPSK	270	0		21.55			
100	QPSK	1	1		21.65		23.5	0.0
100	QPSK	1	137		22.16			
100	QPSK	1	271		21.71			
100	QPSK	135	0		21.70		23.5	0.0
100	QPSK	135	69		22.15		23.5	0.0
100	QPSK	135	138		21.66		23.5	0.0
100	QPSK	270	0		21.65			
100	16QAM	1	1		22.10		23.5	0.0
100	64QAM	1	1		21.53		23.5	0.0
100	256QAM	1	1		20.99		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	21.55	21.67	21.55	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.62	21.68	21.65	23.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.59	21.63	21.63	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.58	21.54	21.55	23.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.53	21.71	21.52	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.62	21.54	21.65	23.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.71	21.51	21.57	23.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.55	21.69	21.61	23.5	0.0

Part27O n77 Ant4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.63	20.71	20.55	21.0	0.0
100	PI/2 BPSK	1	137	20.66	20.75	20.56		
100	PI/2 BPSK	1	271	20.78	20.90	20.52		
100	PI/2 BPSK	135	0	20.70	20.86	20.50	21.0	0.0
100	PI/2 BPSK	135	69	20.61	20.78	20.63	21.0	0.0
100	PI/2 BPSK	135	138	20.59	20.76	20.48	21.0	0.0
100	PI/2 BPSK	270	0	20.72	20.82	20.54		
100	QPSK	1	1	20.72	20.82	20.54	21.0	0.0
100	QPSK	1	137	20.78	20.92	20.70		
100	QPSK	1	271	20.77	20.70	20.51		
100	QPSK	135	0	20.77	20.80	20.69	21.0	0.0
100	QPSK	135	69	20.58	20.89	20.55	21.0	0.0
100	QPSK	135	138	20.69	20.88	20.71	21.0	0.0
100	QPSK	270	0	20.77	20.80	20.65		
100	16QAM	1	1	20.60	20.84	20.60	21.0	0.0
100	64QAM	1	1	20.74	20.73	20.67	21.0	0.0
100	256QAM	1	1	19.05	19.13	19.05	20.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.66	20.84	20.54	21.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.68	20.84	20.54	21.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.57	20.80	20.57	21.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.65	20.87	20.71	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.77	20.71	20.58	21.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.73	20.86	20.66	21.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.74	20.74	20.66	21.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.72	20.75	20.66	21.0	0.0

Part27Q n77 Ant4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.08		21.0	0.0
100	PI/2 BPSK	1	137		20.13			
100	PI/2 BPSK	1	271		20.12			
100	PI/2 BPSK	135	0		20.19		21.0	0.0
100	PI/2 BPSK	135	69		20.20		21.0	0.0
100	PI/2 BPSK	135	138		20.07		21.0	0.0
100	PI/2 BPSK	270	0		20.12			
100	QPSK	1	1		20.18		21.0	0.0
100	QPSK	1	137		20.22			
100	QPSK	1	271		20.02			
100	QPSK	135	0		20.03		21.0	0.0
100	QPSK	135	69		20.13		21.0	0.0
100	QPSK	135	138		20.11		21.0	0.0
100	QPSK	270	0		20.10			
100	16QAM	1	1		20.00		21.0	0.0
100	64QAM	1	1		20.18		21.0	0.0
100	256QAM	1	1		19.52		20.0	1.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.91	19.95	20.09	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.95	19.92	19.93	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.95	19.97	19.96	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.98	20.13	20.08	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.04	20.04	20.11	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.11	20.04	20.00	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.98	19.96	20.14	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.93	20.14	20.00	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.85		19.5	0.0
100	PI/2 BPSK	1	137		18.81			
100	PI/2 BPSK	1	271		18.79			
100	PI/2 BPSK	135	0		18.90		19.5	0.0
100	PI/2 BPSK	135	69		18.88		19.5	0.0
100	PI/2 BPSK	135	138		18.99		19.5	0.0
100	PI/2 BPSK	270	0		18.84			
100	QPSK	1	1		18.98		19.5	0.0
100	QPSK	1	137		19.00			
100	QPSK	1	271		18.93			
100	QPSK	135	0		18.80		19.5	0.0
100	QPSK	135	69		18.96		19.5	0.0
100	QPSK	135	138		18.90		19.5	0.0
100	QPSK	270	0		18.83			
100	16QAM	1	1		18.82		19.5	0.0
100	64QAM	1	1		18.81		19.5	0.0
100	256QAM	1	1		18.97		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	18.74	18.73	18.82	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	18.65	18.67	18.74	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	18.63	18.74	18.80	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	18.74	18.66	18.80	19.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.61	18.64	18.72	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	18.62	18.64	18.67	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	18.77	18.74	18.60	19.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.84	18.61	18.72	19.5	0.0

PC2 Part27O n78 Ant4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.74		22.5	0.0
100	PI/2 BPSK	1	137		21.77			
100	PI/2 BPSK	1	271		21.70			
100	PI/2 BPSK	135	0		21.72		22.5	0.0
100	PI/2 BPSK	135	69		21.73		22.5	0.0
100	PI/2 BPSK	135	138		21.71		22.5	0.0
100	PI/2 BPSK	270	0		21.72			
100	QPSK	1	1		21.69		22.5	0.0
100	QPSK	1	137		21.88			
100	QPSK	1	271		21.69			
100	QPSK	135	0		21.75		22.5	0.0
100	QPSK	135	69		21.80		22.5	0.0
100	QPSK	135	138		21.72		22.5	0.0
100	QPSK	270	0		21.74			
100	16QAM	1	1		21.74		22.5	0.0
100	64QAM	1	1		21.70		22.5	0.0
100	256QAM	1	1		21.66		22.0	0.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.69	21.49	21.62	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.69	21.49	21.69	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.57	21.48	21.52	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.68	21.61	21.59	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.61	21.67	21.53	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.56	21.69	21.57	22.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.58	21.55	21.49	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.67	21.56	21.66	22.5	0.0

PC3 Part27Q n78 Ant4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.50		19.5	0.0
100	PI/2 BPSK	1	137		18.59			
100	PI/2 BPSK	1	271		18.44			
100	PI/2 BPSK	135	0		18.57		19.5	0.0
100	PI/2 BPSK	135	69		18.61		19.5	0.0
100	PI/2 BPSK	135	138		18.69		19.5	0.0
100	PI/2 BPSK	270	0		18.50			
100	QPSK	1	1		18.68		19.5	0.0
100	QPSK	1	137		18.80			
100	QPSK	1	271		18.68			
100	QPSK	135	0		18.45		19.5	0.0
100	QPSK	135	69		18.73		19.5	0.0
100	QPSK	135	138		18.72		19.5	0.0
100	QPSK	270	0		18.50			
100	16QAM	1	1		18.51		19.5	0.0
100	64QAM	1	1		18.60		19.5	0.0
100	256QAM	1	1		18.67		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	18.49	18.32	18.49	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	18.30	18.38	18.32	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	18.43	18.31	18.36	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	18.52	18.31	18.37	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	18.34	18.49	18.36	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	18.31	18.47	18.43	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	18.36	18.52	18.46	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	18.37	18.31	18.33	19.5	0.0

PC2 Part27Q n78 Ant4 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.82		22.5	0.0
100	PI/2 BPSK	1	137		21.89			
100	PI/2 BPSK	1	271		21.74			
100	PI/2 BPSK	135	0		21.89		22.5	0.0
100	PI/2 BPSK	135	69		21.78		22.5	0.0
100	PI/2 BPSK	135	138		21.77		22.5	0.0
100	PI/2 BPSK	270	0		21.76			
100	QPSK	1	1		21.93		22.5	0.0
100	QPSK	1	137		22.04			
100	QPSK	1	271		21.92			
100	QPSK	135	0		21.79		22.5	0.0
100	QPSK	135	69		21.89		22.5	0.0
100	QPSK	135	138		21.81		22.5	0.0
100	QPSK	270	0		21.80			
100	16QAM	1	1		21.91		22.5	0.0
100	64QAM	1	1		21.93		22.5	0.0
100	256QAM	1	1		21.79		22.0	0.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.71	21.63	21.71	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	21.64	21.83	21.64	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	21.63	21.64	21.61	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	21.75	21.70	21.67	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	21.71	21.73	21.64	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	21.74	21.69	21.80	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	21.64	21.75	21.62	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	21.75	21.71	21.64	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.97	22.06	22.04	23.0	0.0
100	PI/2 BPSK	1	137	21.90	21.98	22.03		
100	PI/2 BPSK	1	271	21.87	22.00	22.11		
100	PI/2 BPSK	135	0	21.90	22.06	22.10	23.0	0.0
100	PI/2 BPSK	135	69	22.06	22.04	22.08	23.0	0.0
100	PI/2 BPSK	135	138	21.86	22.09	22.02	23.0	0.0
100	PI/2 BPSK	270	0	21.88	22.12	22.00		
100	QPSK	1	1	21.90	22.04	22.08	23.0	0.0
100	QPSK	1	137	22.06	22.16	22.12		
100	QPSK	1	271	21.90	22.01	21.93		
100	QPSK	135	0	21.98	21.93	22.05	23.0	0.0
100	QPSK	135	69	21.91	22.08	21.97	23.0	0.0
100	QPSK	135	138	21.91	21.93	21.94	23.0	0.0
100	QPSK	270	0	22.00	22.05	22.04		
100	16QAM	1	1	22.00	22.11	22.06	23.0	0.0
100	64QAM	1	1	19.51	19.53	19.58	21.5	1.5
100	256QAM	1	1	18.15	18.33	18.15	19.5	3.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.98	22.00	22.12	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.91	22.06	22.05	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.94	22.02	22.13	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.88	22.11	21.94	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.93	21.99	22.08	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.88	22.05	22.14	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.03	22.14	21.94	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.99	22.13	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.25		23.0	0.0
100	PI/2 BPSK	1	137		22.26			
100	PI/2 BPSK	1	271		22.35			
100	PI/2 BPSK	135	0		22.17		23.0	0.0
100	PI/2 BPSK	135	69		22.25		23.0	0.0
100	PI/2 BPSK	135	138		22.19		23.0	0.0
100	PI/2 BPSK	270	0		22.14			
100	QPSK	1	1		22.32		23.0	0.0
100	QPSK	1	137		22.36			
100	QPSK	1	271		22.33			
100	QPSK	135	0		21.90		23.0	0.0
100	QPSK	135	69		22.33		23.0	0.0
100	QPSK	135	138		21.83		23.0	0.0
100	QPSK	270	0		22.25			
100	16QAM	1	1		21.22		23.0	0.0
100	64QAM	1	1		19.62		21.5	1.5
100	256QAM	1	1		18.16		19.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.02	22.06	22.15	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	22.11	22.05	22.15	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	21.99	22.05	22.15	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	22.04	21.99	22.10	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	22.13	21.95	21.94	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	22.09	22.04	22.10	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	21.93	22.10	21.96	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	22.12	21.95	21.95	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.60		23.0	0.0
100	PI/2 BPSK	1	137		21.51			
100	PI/2 BPSK	1	271		21.51			
100	PI/2 BPSK	135	0		21.70		23.0	0.0
100	PI/2 BPSK	135	69		21.61		23.0	0.0
100	PI/2 BPSK	135	138		21.67		23.0	0.0
100	PI/2 BPSK	270	0		21.54			
100	QPSK	1	1		21.48		23.0	0.0
100	QPSK	1	137		21.73			
100	QPSK	1	271		21.68			
100	QPSK	135	0		21.61		23.0	0.0
100	QPSK	135	69		21.65		23.0	0.0
100	QPSK	135	138		21.61		23.0	0.0
100	QPSK	270	0		21.60			
100	16QAM	1	1		21.67		23.0	0.0
100	64QAM	1	1		21.70		23.0	0.0
100	256QAM	1	1		20.54		22.5	0.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.59	21.51	21.45	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	21.59	21.62	21.54	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	21.56	21.42	21.46	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	21.58	21.60	21.57	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.60	21.45	21.41	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	21.55	21.58	21.51	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	21.63	21.44	21.57	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.41	21.40	21.59	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		24.58		26.0	0.0
100	PI/2 BPSK	1	137		24.66			
100	PI/2 BPSK	1	271		24.50			
100	PI/2 BPSK	135	0		24.63		26.0	0.0
100	PI/2 BPSK	135	69		24.52		26.0	0.0
100	PI/2 BPSK	135	138		24.50		26.0	0.0
100	PI/2 BPSK	270	0		24.55			
100	QPSK	1	1		24.44		26.0	0.0
100	QPSK	1	137		24.68			
100	QPSK	1	271		24.54			
100	QPSK	135	0		24.63		26.0	0.0
100	QPSK	135	69		24.65		26.0	0.0
100	QPSK	135	138		24.48		26.0	0.0
100	QPSK	270	0		24.58			
100	16QAM	1	1		24.22		26.0	0.0
100	64QAM	1	1		22.55		24.5	1.5
100	256QAM	1	1		20.51		22.5	3.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.40	24.28	24.42	26.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.29	24.45	24.47	26.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.38	24.37	24.44	26.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.30	24.43	24.44	26.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.40	24.43	24.32	26.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.36	24.31	24.34	26.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.44	24.42	24.45	26.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.31	24.26	24.43	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.66		23.0	0.0
100	PI/2 BPSK	1	137		21.65			
100	PI/2 BPSK	1	271		21.75			
100	PI/2 BPSK	135	0		21.66		23.0	0.0
100	PI/2 BPSK	135	69		21.55		23.0	0.0
100	PI/2 BPSK	135	138		21.56		23.0	0.0
100	PI/2 BPSK	270	0		21.73			
100	QPSK	1	1		21.74		23.0	0.0
100	QPSK	1	137		21.76			
100	QPSK	1	271		21.58			
100	QPSK	135	0		21.65		23.0	0.0
100	QPSK	135	69		21.68		23.0	0.0
100	QPSK	135	138		21.64		23.0	0.0
100	QPSK	270	0		21.57			
100	16QAM	1	1		21.74		23.0	0.0
100	64QAM	1	1		21.62		23.0	0.0
100	256QAM	1	1		20.63		22.5	0.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.35	21.58	21.39	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	21.58	21.53	21.57	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	21.48	21.50	21.44	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	21.55	21.52	21.44	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	21.59	21.57	21.42	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	21.41	21.53	21.46	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	21.58	21.46	21.41	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	21.49	21.47	21.47	23.0	0.0

PC2 Part27Q n78 Ant6 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		24.56		26.0	0.0
100	PI/2 BPSK	1	137		24.58			
100	PI/2 BPSK	1	271		24.49			
100	PI/2 BPSK	135	0		24.51		26.0	0.0
100	PI/2 BPSK	135	69		24.49		26.0	0.0
100	PI/2 BPSK	135	138		24.71		26.0	0.0
100	PI/2 BPSK	270	0		24.58			
100	QPSK	1	1		24.49		26.0	0.0
100	QPSK	1	137		24.73			
100	QPSK	1	271		24.48			
100	QPSK	135	0		24.66		26.0	0.0
100	QPSK	135	69		24.70		26.0	0.0
100	QPSK	135	138		24.59		26.0	0.0
100	QPSK	270	0		24.61			
100	16QAM	1	1		24.56		26.0	0.0
100	64QAM	1	1		22.66		24.5	1.5
100	256QAM	1	1		20.55		22.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.45	24.60	24.52	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.43	24.46	24.46	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.55	24.49	24.40	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.60	24.44	24.45	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.59	24.41	24.55	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.60	24.39	24.38	26.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.47	24.53	24.50	26.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.40	24.55	24.41	26.0	0.0

n2 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.72	20.75	20.62	22.0	0.0
20	PI/2 BPSK	1	26	20.63	20.71	20.64		
20	PI/2 BPSK	1	49	20.55	20.68	20.58		
20	PI/2 BPSK	25	0	20.03	20.18	20.07	21.5	0.5
20	PI/2 BPSK	25	13	20.70	20.73	20.63	22.0	0.0
20	PI/2 BPSK	25	26	20.08	20.20	20.06	21.5	0.5
20	PI/2 BPSK	50	0	20.20	20.27	20.15		
20	QPSK	1	1	20.76	20.83	20.71	22.0	0.0
20	QPSK	1	26	20.69	20.79	20.73		
20	QPSK	1	49	20.52	20.58	20.55		
20	QPSK	25	0	19.58	19.71	19.67	21.0	1.0
20	QPSK	25	13	20.68	20.79	20.73	22.0	0.0
20	QPSK	25	26	19.58	19.68	19.57	21.0	1.0
20	QPSK	50	0	19.61	19.72	19.59		
20	16QAM	1	1	19.41	19.48	19.41	21.0	1.0
20	64QAM	1	1	18.08	18.14	18.03	19.5	2.5
20	256QAM	1	1	16.61	16.68	16.54	17.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.65	20.80	20.57	22.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.68	20.71	20.63	22.0	0.0

n5 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.68	21.73	21.70	23.0	0.0
20	PI/2 BPSK	1	26	21.52	21.57	21.45		
20	PI/2 BPSK	1	49	21.46	21.54	21.48		
20	PI/2 BPSK	25	0	21.14	21.23	21.18	22.5	0.5
20	PI/2 BPSK	25	13	21.66	21.69	21.64	23.0	0.0
20	PI/2 BPSK	25	26	21.09	21.24	21.15	22.5	0.5
20	PI/2 BPSK	50	0	21.15	21.29	21.15		
20	QPSK	1	1	21.71	21.76	21.63	23.0	0.0
20	QPSK	1	26	21.60	21.65	21.57		
20	QPSK	1	49	21.44	21.50	21.43		
20	QPSK	25	0	20.60	20.75	20.65	22.0	1.0
20	QPSK	25	13	21.60	21.70	21.62	23.0	0.0
20	QPSK	25	26	20.54	20.66	20.58	22.0	1.0
20	QPSK	50	0	20.69	20.73	20.62		
20	16QAM	1	1	20.29	20.41	20.38	22.0	1.0
20	64QAM	1	1	18.78	18.92	18.89	20.5	2.5
20	256QAM	1	1	17.40	17.52	17.46	18.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.62	21.71	21.53	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.66	21.69	21.49	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.37	19.47	19.24	20.0	0.0
100	PI/2 BPSK	1	137	19.48	19.38	19.20		
100	PI/2 BPSK	1	271	19.32	19.46	19.36		
100	PI/2 BPSK	135	0	19.40	19.52	19.22	20.0	0.0
100	PI/2 BPSK	135	69	19.38	19.54	19.35	20.0	0.0
100	PI/2 BPSK	135	138	19.31	19.41	19.20	20.0	0.0
100	PI/2 BPSK	270	0	19.48	19.45	19.34		
100	QPSK	1	1	19.32	19.52	19.36	20.0	0.0
100	QPSK	1	137	19.53	19.57	19.39		
100	QPSK	1	271	19.51	19.49	19.25		
100	QPSK	135	0	19.36	19.45	19.22	20.0	0.0
100	QPSK	135	69	19.46	19.51	19.26	20.0	0.0
100	QPSK	135	138	19.48	19.34	19.33	20.0	0.0
100	QPSK	270	0	19.33	19.43	19.30		
100	16QAM	1	1	19.44	19.56	19.22	20.0	0.0
100	64QAM	1	1	19.43	19.40	19.37	20.0	0.0
100	256QAM	1	1	18.97	18.82	18.79	20.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.37	19.56	19.28	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.33	19.51	19.29	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.45	19.40	19.35	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.36	19.53	19.28	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.42	19.52	19.21	20.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.53	19.33	19.35	20.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.51	19.42	19.22	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.31	19.50	19.27	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.45	19.41	19.21	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.44	19.45	19.30	20.0	0.0

Part27Q n77 Ant11 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.88		20.0	0.0
100	PI/2 BPSK	1	137		19.85			
100	PI/2 BPSK	1	271		19.81			
100	PI/2 BPSK	135	0		19.73		20.0	0.0
100	PI/2 BPSK	135	69		19.89		20.0	0.0
100	PI/2 BPSK	135	138		19.86		20.0	0.0
100	PI/2 BPSK	270	0		19.81			
100	QPSK	1	1		19.85		20.0	0.0
100	QPSK	1	137		19.90			
100	QPSK	1	271		19.82			
100	QPSK	135	0		19.71		20.0	0.0
100	QPSK	135	69		19.83		20.0	0.0
100	QPSK	135	138		19.77		20.0	0.0
100	QPSK	270	0		19.71			
100	16QAM	1	1		19.85		20.0	0.0
100	64QAM	1	1		19.75		20.0	0.0
100	256QAM	1	1		19.63		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	19.57	19.66	19.69	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	19.61	19.57	19.79	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	19.72	19.75	19.74	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	19.71	19.56	19.69	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	19.74	19.66	19.73	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	19.67	19.77	19.66	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	19.62	19.56	19.62	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	19.77	19.75	19.72	20.0	0.0

PC3 Part27O n78 Ant11 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.34		19.0	0.0
100	PI/2 BPSK	1	137		18.37			
100	PI/2 BPSK	1	271		18.38			
100	PI/2 BPSK	135	0		18.47		19.0	0.0
100	PI/2 BPSK	135	69		18.24		19.0	0.0
100	PI/2 BPSK	135	138		18.25		19.0	0.0
100	PI/2 BPSK	270	0		18.39			
100	QPSK	1	1		18.32		19.0	0.0
100	QPSK	1	137		18.50			
100	QPSK	1	271		18.38			
100	QPSK	135	0		18.27		19.0	0.0
100	QPSK	135	69		18.42		19.0	0.0
100	QPSK	135	138		18.34		19.0	0.0
100	QPSK	270	0		18.31			
100	16QAM	1	1		18.36		19.0	0.0
100	64QAM	1	1		18.44		19.0	0.0
100	256QAM	1	1		18.36		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.29	18.34	18.32	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.28	18.35	18.16	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.18	18.18	18.28	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.21	18.29	18.20	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.21	18.26	18.14	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.27	18.33	18.21	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.27	18.13	18.25	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.33	18.15	18.23	19.0	0.0

PC2 Part27O n78 Ant11 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.92		22.0	0.0
100	PI/2 BPSK	1	137		21.09			
100	PI/2 BPSK	1	271		21.08			
100	PI/2 BPSK	135	0		21.07		22.0	0.0
100	PI/2 BPSK	135	69		20.99		22.0	0.0
100	PI/2 BPSK	135	138		20.91		22.0	0.0
100	PI/2 BPSK	270	0		20.98			
100	QPSK	1	1		20.97		22.0	0.0
100	QPSK	1	137		21.12			
100	QPSK	1	271		21.04			
100	QPSK	135	0		20.94		22.0	0.0
100	QPSK	135	69		21.08		22.0	0.0
100	QPSK	135	138		21.01		22.0	0.0
100	QPSK	270	0		20.91			
100	16QAM	1	1		21.11		22.0	0.0
100	64QAM	1	1		21.11		22.0	0.0
100	256QAM	1	1		20.62		22.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.82	20.86	21.02	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	20.91	20.93	21.00	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	20.97	20.90	20.85	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	20.93	21.02	20.86	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.90	20.97	20.96	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	20.99	20.95	20.89	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.79	20.86	21.02	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.98	20.80	20.82	22.0	0.0

PC3 Part27Q n78 Ant11 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.57		19.0	0.0
100	PI/2 BPSK	1	137		17.44			
100	PI/2 BPSK	1	271		17.46			
100	PI/2 BPSK	135	0		17.76		19.0	0.0
100	PI/2 BPSK	135	69		17.49		19.0	0.0
100	PI/2 BPSK	135	138		17.38		19.0	0.0
100	PI/2 BPSK	270	0		17.54			
100	QPSK	1	1		17.47		19.0	0.0
100	QPSK	1	137		17.79			
100	QPSK	1	271		17.47			
100	QPSK	135	0		17.53		19.0	0.0
100	QPSK	135	69		17.70		19.0	0.0
100	QPSK	135	138		17.63		19.0	0.0
100	QPSK	270	0		17.55			
100	16QAM	1	1		17.64		19.0	0.0
100	64QAM	1	1		17.75		19.0	0.0
100	256QAM	1	1		17.55		19.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.60	17.47	17.53	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	17.61	17.58	17.44	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.57	17.45	17.47	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	17.58	17.49	17.60	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	17.63	17.41	17.59	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	17.50	17.48	17.63	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	17.59	17.52	17.54	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	17.42	17.48	17.57	19.0	0.0

PC2 Part27Q n78 Ant11 DSI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.08		22.0	0.0
100	PI/2 BPSK	1	137		20.24			
100	PI/2 BPSK	1	271		20.25			
100	PI/2 BPSK	135	0		20.20		22.0	0.0
100	PI/2 BPSK	135	69		20.13		22.0	0.0
100	PI/2 BPSK	135	138		20.04		22.0	0.0
100	PI/2 BPSK	270	0		20.02			
100	QPSK	1	1		20.15		22.0	0.0
100	QPSK	1	137		20.35			
100	QPSK	1	271		20.06			
100	QPSK	135	0		20.07		22.0	0.0
100	QPSK	135	69		20.20		22.0	0.0
100	QPSK	135	138		20.13		22.0	0.0
100	QPSK	270	0		20.12			
100	16QAM	1	1		20.24		22.0	0.0
100	64QAM	1	1		20.34		22.0	0.0
100	256QAM	1	1		20.07		22.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.01	20.15	20.21	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	20.14	20.02	20.15	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	20.14	20.13	20.15	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	20.15	20.12	20.21	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	20.06	20.11	20.03	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	20.12	20.03	20.04	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	20.08	20.17	20.01	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	20.13	20.10	20.09	22.0	0.0

Reduced Power for DSI 7 for 5G NR DFT-30 for Main PA

n2 Ant1 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.60	17.85	17.72	19.0	0.0
20	PI/2 BPSK	1	26	17.74	17.78	17.67		
20	PI/2 BPSK	1	49	17.70	17.88	17.56		
20	PI/2 BPSK	25	0	17.73	17.78	17.66	19.0	0.0
20	PI/2 BPSK	25	13	17.64	17.91	17.62	19.0	0.0
20	PI/2 BPSK	25	26	17.73	17.83	17.52	19.0	0.0
20	PI/2 BPSK	50	0	17.64	17.88	17.62		
20	QPSK	1	1	17.80	17.95	17.72	19.0	0.0
20	QPSK	1	26	17.72	17.77	17.59		
20	QPSK	1	49	17.68	17.76	17.56		
20	QPSK	25	0	17.71	17.89	17.70	19.0	0.0
20	QPSK	25	13	17.80	17.91	17.72	19.0	0.0
20	QPSK	25	26	17.71	17.86	17.52	19.0	0.0
20	QPSK	50	0	17.81	17.88	17.63		
20	16QAM	1	1	17.72	17.83	17.67	19.0	0.0
20	64QAM	1	1	17.81	17.91	17.58	19.0	0.0
20	256QAM	1	1	17.64	17.73	17.71	19.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.63	17.88	17.66	19.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.75	17.76	17.68	19.0	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	23.00	23.05	22.94	24.0	0.0
20	PI/2 BPSK	1	26	22.90	23.00	22.89		
20	PI/2 BPSK	1	49	22.84	22.96	22.84		
20	PI/2 BPSK	25	0	22.57	22.62	22.55	23.5	0.5
20	PI/2 BPSK	25	13	22.91	23.06	23.02	24.0	0.0
20	PI/2 BPSK	25	26	22.43	22.54	22.46	23.5	0.5
20	PI/2 BPSK	50	0	22.54	22.63	22.54		
20	QPSK	1	1	23.04	23.14	23.10	24.0	0.0
20	QPSK	1	26	22.93	23.04	22.99		
20	QPSK	1	49	22.79	22.90	22.84		
20	QPSK	25	0	22.10	22.16	22.13	23.0	1.0
20	QPSK	25	13	22.95	23.06	22.95	24.0	0.0
20	QPSK	25	26	22.00	22.03	22.00	23.0	1.0
20	QPSK	50	0	22.06	22.11	21.97		
20	16QAM	1	1	21.69	21.76	21.70	23.0	1.0
20	64QAM	1	1	20.14	20.19	20.15	21.5	2.5
20	256QAM	1	1	18.63	18.75	18.69	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.98	23.08	23.03	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.90	23.01	22.96	24.0	0.0

n7 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.92	23.02	22.87	24.0	0.0
20	PI/2 BPSK	1	26	22.81	22.96	22.84		
20	PI/2 BPSK	1	49	22.87	22.91	22.78		
20	PI/2 BPSK	25	0	22.38	22.52	22.47	23.5	0.5
20	PI/2 BPSK	25	13	22.97	23.01	22.95	24.0	0.0
20	PI/2 BPSK	25	26	22.50	22.54	22.40	23.5	0.5
20	PI/2 BPSK	50	0	22.45	22.58	22.48		
20	QPSK	1	1	22.97	23.06	23.04	24.0	0.0
20	QPSK	1	26	22.92	23.02	22.98		
20	QPSK	1	49	22.88	22.94	22.85		
20	QPSK	25	0	21.89	22.01	21.91	23.0	1.0
20	QPSK	25	13	22.98	23.03	22.91	24.0	0.0
20	QPSK	25	26	21.98	22.07	21.96	23.0	1.0
20	QPSK	50	0	22.02	22.11	21.97		
20	16QAM	1	1	21.53	21.64	21.49	23.0	1.0
20	64QAM	1	1	20.22	20.28	20.24	21.5	2.5
20	256QAM	1	1	18.83	18.86	18.72	19.5	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.89	23.00	22.98	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.83	22.98	22.94	24.0	0.0

n38 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.29	22.39	22.36	24.0	0.0
40	PI/2 BPSK	1	53	22.97	23.07	22.92		
40	PI/2 BPSK	1	104	22.49	22.56	22.50		
40	PI/2 BPSK	50	0	22.34	22.48	22.45	23.5	0.5
40	PI/2 BPSK	50	28	22.95	23.07	22.93	24.0	0.0
40	PI/2 BPSK	50	56	22.33	22.36	22.24	23.5	0.5
40	PI/2 BPSK	100	0	22.37	22.49	22.37		
40	QPSK	1	1	22.33	22.44	22.41	24.0	0.0
40	QPSK	1	53	23.07	23.11	23.02		
40	QPSK	1	104	22.49	22.53	22.44		
40	QPSK	50	0	21.75	21.90	21.82	23.0	1.0
40	QPSK	50	28	22.92	23.03	22.96	24.0	0.0
40	QPSK	50	56	21.78	21.87	21.77	23.0	1.0
40	QPSK	100	0	21.83	21.95	21.88		
40	16QAM	1	1	21.08	21.16	21.05	23.0	1.0
40	64QAM	1	1	19.73	19.83	19.75	21.5	2.5
40	256QAM	1	1	18.34	18.42	18.32	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	23.01	22.99	22.97	24.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.97	22.97	22.98	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.02	23.00	22.93	19.0	2.5
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.03	23.04	22.95	19.0	2.5
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.99	23.08	22.90	15.0	4.5

n41 Ant2 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518998	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.02	22.06	22.03	24.0	0.0
100	PI/2 BPSK	1	137	23.06	23.09	22.99		
100	PI/2 BPSK	1	271	22.01	22.10	22.04		
100	PI/2 BPSK	135	0	22.35	22.38	22.27	23.5	0.5
100	PI/2 BPSK	135	69	23.07	23.16	23.13	24.0	0.0
100	PI/2 BPSK	135	138	22.26	22.37	22.24	23.5	0.5
100	PI/2 BPSK	270	0	22.32	22.44	22.35		
100	QPSK	1	1	22.03	22.11	22.07	24.0	0.0
100	QPSK	1	137	23.16	23.21	22.98		
100	QPSK	1	271	22.10	22.14	22.11		
100	QPSK	135	0	21.83	21.90	21.85	23.0	1.0
100	QPSK	135	69	23.01	23.12	23.09	24.0	0.0
100	QPSK	135	138	21.74	21.87	21.74	23.0	1.0
100	QPSK	270	0	21.81	21.89	21.84		
100	16QAM	1	1	21.18	21.23	21.13	23.0	1.0
100	64QAM	1	1	19.68	19.74	19.66	21.5	2.5
100	256QAM	1	1	18.23	18.31	18.26	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.05	23.08	22.93	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	23.08	23.17	22.89	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.05	23.10	22.93	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.11	23.13	22.94	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.01	23.08	22.86	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.04	23.06	22.85	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.12	23.09	22.84	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.09	23.18	22.94	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.12	23.15	22.86	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.26	19.68	19.59	20.0	0.0
100	PI/2 BPSK	1	137	19.20	19.76	19.58		
100	PI/2 BPSK	1	271	19.36	19.62	19.64		
100	PI/2 BPSK	135	0	19.40	19.65	19.70	20.0	0.0
100	PI/2 BPSK	135	69	19.27	19.75	19.73	20.0	0.0
100	PI/2 BPSK	135	138	19.19	19.71	19.52	20.0	0.0
100	PI/2 BPSK	270	0	19.35	19.81	19.62		
100	QPSK	1	1	19.39	19.80	19.73	20.0	0.0
100	QPSK	1	137	19.38	19.82	19.74		
100	QPSK	1	271	19.25	19.72	19.60		
100	QPSK	135	0	19.23	19.65	19.75	20.0	0.0
100	QPSK	135	69	19.20	19.78	19.62	20.0	0.0
100	QPSK	135	138	19.25	19.64	19.72	20.0	0.0
100	QPSK	270	0	19.25	19.75	19.54		
100	16QAM	1	1	19.25	19.67	19.64	20.0	0.0
100	64QAM	1	1	19.46	19.53	19.40	20.0	0.0
100	256QAM	1	1	19.22	19.40	19.33	20.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.32	19.76	19.59	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.20	19.81	19.68	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.36	19.79	19.65	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.26	19.70	19.59	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.19	19.80	19.70	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.32	19.70	19.60	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.29	19.72	19.61	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.28	19.69	19.58	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.43		20.0	0.0
100	PI/2 BPSK	1	137		19.47			
100	PI/2 BPSK	1	271		19.42			
100	PI/2 BPSK	135	0		19.52		20.0	0.0
100	PI/2 BPSK	135	69		19.52		20.0	0.0
100	PI/2 BPSK	135	138		19.51		20.0	0.0
100	PI/2 BPSK	270	0		19.40			
100	QPSK	1	1		19.50		20.0	0.0
100	QPSK	1	137		19.57			
100	QPSK	1	271		19.47			
100	QPSK	135	0		19.49		20.0	0.0
100	QPSK	135	69		19.56		20.0	0.0
100	QPSK	135	138		19.41		20.0	0.0
100	QPSK	270	0		19.50			
100	16QAM	1	1		19.52		20.0	0.0
100	64QAM	1	1		19.42		20.0	0.0
100	256QAM	1	1		19.44		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	19.38	19.39	19.19	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	19.34	19.37	19.25	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	19.23	19.41	19.39	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	19.20	19.50	19.39	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	19.26	19.50	19.27	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	19.27	19.47	19.38	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	19.18	19.55	19.36	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	19.38	19.50	19.36	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.55		21.5	0.0
100	PI/2 BPSK	1	137		20.07			
100	PI/2 BPSK	1	271		19.60			
100	PI/2 BPSK	135	0		20.13		21.5	0.0
100	PI/2 BPSK	135	69		20.27		21.5	0.0
100	PI/2 BPSK	135	138		20.17		21.5	0.0
100	PI/2 BPSK	270	0		20.22			
100	QPSK	1	1		19.59		21.5	0.0
100	QPSK	1	137		20.41			
100	QPSK	1	271		19.54			
100	QPSK	135	0		19.93		21.5	0.0
100	QPSK	135	69		20.38		21.5	0.0
100	QPSK	135	138		20.04		21.5	0.0
100	QPSK	270	0		20.09			
100	16QAM	1	1		19.76		21.5	0.0
100	64QAM	1	1		19.82		21.5	0.0
100	256QAM	1	1		19.86		21.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.16	20.38	20.26	21.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.23	20.25	20.33	21.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.06	20.36	20.26	21.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.11	20.36	20.21	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.14	20.34	20.28	21.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.13	20.37	20.12	21.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.29	20.27	20.13	21.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.11	20.33	20.15	21.5	0.0

PC2 Part27O n78 Ant2 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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.61		23.5	0.0
100	PI/2 BPSK	1	137		22.41			
100	PI/2 BPSK	1	271		21.81			
100	PI/2 BPSK	135	0		21.71		23.5	0.0
100	PI/2 BPSK	135	69		22.36		23.5	0.0
100	PI/2 BPSK	135	138		21.70		23.5	0.0
100	PI/2 BPSK	270	0		21.95			
100	QPSK	1	1		21.53		23.5	0.0
100	QPSK	1	137		22.50			
100	QPSK	1	271		21.74			
100	QPSK	135	0		21.84		23.5	0.0
100	QPSK	135	69		22.34		23.5	0.0
100	QPSK	135	138		21.88		23.5	0.0
100	QPSK	270	0		21.90			
100	16QAM	1	1		21.79		23.5	0.0
100	64QAM	1	1		21.85		23.5	0.0
100	256QAM	1	1		20.61		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	22.10	22.17	22.31	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	22.27	22.37	22.41	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	22.22	22.36	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	22.20	22.35	22.34	23.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.29	22.18	22.23	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	22.28	22.19	22.38	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	22.30	22.30	22.32	23.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.29	22.27	22.42	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.53		21.5	0.0
100	PI/2 BPSK	1	137		20.27			
100	PI/2 BPSK	1	271		19.53			
100	PI/2 BPSK	135	0		19.55		21.5	0.0
100	PI/2 BPSK	135	69		20.16		21.5	0.0
100	PI/2 BPSK	135	138		19.74		21.5	0.0
100	PI/2 BPSK	270	0		19.67			
100	QPSK	1	1		19.59		21.5	0.0
100	QPSK	1	137		20.35			
100	QPSK	1	271		19.62			
100	QPSK	135	0		19.61		21.5	0.0
100	QPSK	135	69		20.25		21.5	0.0
100	QPSK	135	138		20.13		21.5	0.0
100	QPSK	270	0		20.07			
100	16QAM	1	1		20.12		21.5	0.0
100	64QAM	1	1		19.82		21.5	0.0
100	256QAM	1	1		19.57		21.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.05	20.12	20.08	21.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.09	20.04	20.09	21.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.05	20.25	20.27	21.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.12	20.05	20.22	21.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.14	20.08	20.08	21.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.11	20.03	20.14	21.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.99	20.07	20.13	21.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.13	20.04	20.09	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.57		23.5	0.0
100	PI/2 BPSK	1	137		22.03			
100	PI/2 BPSK	1	271		21.56			
100	PI/2 BPSK	135	0		21.77		23.5	0.0
100	PI/2 BPSK	135	69		21.98		23.5	0.0
100	PI/2 BPSK	135	138		21.61		23.5	0.0
100	PI/2 BPSK	270	0		21.55			
100	QPSK	1	1		21.65		23.5	0.0
100	QPSK	1	137		22.16			
100	QPSK	1	271		21.71			
100	QPSK	135	0		21.70		23.5	0.0
100	QPSK	135	69		22.15		23.5	0.0
100	QPSK	135	138		21.66		23.5	0.0
100	QPSK	270	0		21.65			
100	16QAM	1	1		22.10		23.5	0.0
100	64QAM	1	1		21.53		23.5	0.0
100	256QAM	1	1		20.99		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	21.55	21.67	21.55	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.62	21.68	21.65	23.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.59	21.63	21.63	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.58	21.54	21.55	23.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.53	21.71	21.52	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.62	21.54	21.65	23.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.71	21.51	21.57	23.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.55	21.69	21.61	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.63	20.71	20.55	21.0	0.0
100	PI/2 BPSK	1	137	20.66	20.75	20.56		
100	PI/2 BPSK	1	271	20.78	20.90	20.52		
100	PI/2 BPSK	135	0	20.70	20.86	20.50	21.0	0.0
100	PI/2 BPSK	135	69	20.61	20.78	20.63	21.0	0.0
100	PI/2 BPSK	135	138	20.59	20.76	20.48	21.0	0.0
100	PI/2 BPSK	270	0	20.72	20.82	20.54		
100	QPSK	1	1	20.72	20.82	20.54	21.0	0.0
100	QPSK	1	137	20.78	20.92	20.70		
100	QPSK	1	271	20.77	20.70	20.51		
100	QPSK	135	0	20.77	20.80	20.69	21.0	0.0
100	QPSK	135	69	20.58	20.89	20.55	21.0	0.0
100	QPSK	135	138	20.69	20.88	20.71	21.0	0.0
100	QPSK	270	0	20.77	20.80	20.65		
100	16QAM	1	1	20.60	20.84	20.60	21.0	0.0
100	64QAM	1	1	20.74	20.73	20.67	21.0	0.0
100	256QAM	1	1	19.05	19.13	19.05	20.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.66	20.84	20.54	21.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.68	20.84	20.54	21.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.57	20.80	20.57	21.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.65	20.87	20.71	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.77	20.71	20.58	21.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.73	20.86	20.66	21.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.74	20.74	20.66	21.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.72	20.75	20.66	21.0	0.0

Part27Q n77 Ant4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.08		21.0	0.0
100	PI/2 BPSK	1	137		20.13			
100	PI/2 BPSK	1	271		20.12			
100	PI/2 BPSK	135	0		20.19		21.0	0.0
100	PI/2 BPSK	135	69		20.20		21.0	0.0
100	PI/2 BPSK	135	138		20.07		21.0	0.0
100	PI/2 BPSK	270	0		20.12			
100	QPSK	1	1		20.18		21.0	0.0
100	QPSK	1	137		20.22			
100	QPSK	1	271		20.02			
100	QPSK	135	0		20.03		21.0	0.0
100	QPSK	135	69		20.13		21.0	0.0
100	QPSK	135	138		20.11		21.0	0.0
100	QPSK	270	0		20.10			
100	16QAM	1	1		20.00		21.0	0.0
100	64QAM	1	1		20.18		21.0	0.0
100	256QAM	1	1		19.52		20.0	1.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.91	19.95	20.09	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.95	19.92	19.93	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.95	19.97	19.96	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.98	20.13	20.08	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.04	20.04	20.11	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.11	20.04	20.00	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.98	19.96	20.14	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.93	20.14	20.00	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.88		18.5	0.0
100	PI/2 BPSK	1	137		17.89			
100	PI/2 BPSK	1	271		17.91			
100	PI/2 BPSK	135	0		17.88		18.5	0.0
100	PI/2 BPSK	135	69		17.82		18.5	0.0
100	PI/2 BPSK	135	138		18.02		18.5	0.0
100	PI/2 BPSK	270	0		17.80			
100	QPSK	1	1		17.91		18.5	0.0
100	QPSK	1	137		18.03			
100	QPSK	1	271		17.98			
100	QPSK	135	0		17.91		18.5	0.0
100	QPSK	135	69		17.94		18.5	0.0
100	QPSK	135	138		17.84		18.5	0.0
100	QPSK	270	0		17.81			
100	16QAM	1	1		17.84		18.5	0.0
100	64QAM	1	1		17.85		18.5	0.0
100	256QAM	1	1		17.93		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	17.71	17.78	17.93	18.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.72	17.78	17.72	18.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.78	17.68	17.74	18.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.80	17.67	17.86	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.80	17.62	17.93	18.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.62	17.72	17.72	18.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.78	17.76	17.90	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.63	17.63	17.80	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.62		21.5	0.0
100	PI/2 BPSK	1	137		20.83			
100	PI/2 BPSK	1	271		20.70			
100	PI/2 BPSK	135	0		20.72		21.5	0.0
100	PI/2 BPSK	135	69		20.73		21.5	0.0
100	PI/2 BPSK	135	138		20.64		21.5	0.0
100	PI/2 BPSK	270	0		20.72			
100	QPSK	1	1		20.60		21.5	0.0
100	QPSK	1	137		20.95			
100	QPSK	1	271		20.63			
100	QPSK	135	0		20.87		21.5	0.0
100	QPSK	135	69		20.90		21.5	0.0
100	QPSK	135	138		20.73		21.5	0.0
100	QPSK	270	0		20.65			
100	16QAM	1	1		20.77		21.5	0.0
100	64QAM	1	1		20.76		21.5	0.0
100	256QAM	1	1		20.76		21.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.74	20.50	20.55	21.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.76	20.41	20.69	21.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.61	20.44	20.53	21.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.80	20.42	20.54	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.61	20.57	20.70	21.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.71	20.40	20.57	21.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.64	20.55	20.51	21.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.80	20.57	20.69	21.5	0.0

PC3 Part27Q n78 Ant4 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.49		18.5	0.0
100	PI/2 BPSK	1	137		17.65			
100	PI/2 BPSK	1	271		17.52			
100	PI/2 BPSK	135	0		17.67		18.5	0.0
100	PI/2 BPSK	135	69		17.50		18.5	0.0
100	PI/2 BPSK	135	138		17.71		18.5	0.0
100	PI/2 BPSK	270	0		17.40			
100	QPSK	1	1		17.74		18.5	0.0
100	QPSK	1	137		17.80			
100	QPSK	1	271		17.62			
100	QPSK	135	0		17.52		18.5	0.0
100	QPSK	135	69		17.78		18.5	0.0
100	QPSK	135	138		17.76		18.5	0.0
100	QPSK	270	0		17.43			
100	16QAM	1	1		17.43		18.5	0.0
100	64QAM	1	1		17.51		18.5	0.0
100	256QAM	1	1		17.59		18.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.47	17.33	17.51	18.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.51	17.30	17.43	18.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.39	17.24	17.44	18.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.46	17.25	17.60	18.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.50	17.22	17.51	18.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.39	17.23	17.55	18.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.42	17.43	17.46	18.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.48	17.33	17.53	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.82		21.5	0.0
100	PI/2 BPSK	1	137		20.81			
100	PI/2 BPSK	1	271		20.65			
100	PI/2 BPSK	135	0		20.87		21.5	0.0
100	PI/2 BPSK	135	69		20.89		21.5	0.0
100	PI/2 BPSK	135	138		20.76		21.5	0.0
100	PI/2 BPSK	270	0		20.70			
100	QPSK	1	1		20.93		21.5	0.0
100	QPSK	1	137		21.01			
100	QPSK	1	271		20.97			
100	QPSK	135	0		20.77		21.5	0.0
100	QPSK	135	69		20.90		21.5	0.0
100	QPSK	135	138		20.77		21.5	0.0
100	QPSK	270	0		20.84			
100	16QAM	1	1		20.92		21.5	0.0
100	64QAM	1	1		20.99		21.5	0.0
100	256QAM	1	1		20.86		21.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.79	20.61	20.59	21.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.69	20.59	20.60	21.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.69	20.54	20.62	21.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.69	20.63	20.60	21.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.72	20.67	20.68	21.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.80	20.73	20.65	21.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.73	20.73	20.71	21.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.21	19.05	19.30	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.97	22.06	22.04	23.0	0.0
100	PI/2 BPSK	1	137	21.90	21.98	22.03		
100	PI/2 BPSK	1	271	21.87	22.00	22.11		
100	PI/2 BPSK	135	0	21.90	22.06	22.10	23.0	0.0
100	PI/2 BPSK	135	69	22.06	22.04	22.08	23.0	0.0
100	PI/2 BPSK	135	138	21.86	22.09	22.02	23.0	0.0
100	PI/2 BPSK	270	0	21.88	22.12	22.00		
100	QPSK	1	1	21.90	22.04	22.08	23.0	0.0
100	QPSK	1	137	22.06	22.16	22.12		
100	QPSK	1	271	21.90	22.01	21.93		
100	QPSK	135	0	21.98	21.93	22.05	23.0	0.0
100	QPSK	135	69	21.91	22.08	21.97	23.0	0.0
100	QPSK	135	138	21.91	21.93	21.94	23.0	0.0
100	QPSK	270	0	22.00	22.05	22.04		
100	16QAM	1	1	22.00	22.11	22.06	23.0	0.0
100	64QAM	1	1	19.51	19.53	19.58	21.5	1.5
100	256QAM	1	1	18.15	18.33	18.15	19.5	3.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.98	22.00	22.12	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.91	22.06	22.05	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.94	22.02	22.13	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.88	22.11	21.94	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.93	21.99	22.08	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.88	22.05	22.14	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.03	22.14	21.94	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.99	22.13	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.25		23.0	0.0
100	PI/2 BPSK	1	137		22.26			
100	PI/2 BPSK	1	271		22.35			
100	PI/2 BPSK	135	0		22.17		23.0	0.0
100	PI/2 BPSK	135	69		22.25		23.0	0.0
100	PI/2 BPSK	135	138		22.19		23.0	0.0
100	PI/2 BPSK	270	0		22.14			
100	QPSK	1	1		22.32		23.0	0.0
100	QPSK	1	137		22.36			
100	QPSK	1	271		22.33			
100	QPSK	135	0		21.90		23.0	0.0
100	QPSK	135	69		22.33		23.0	0.0
100	QPSK	135	138		21.83		23.0	0.0
100	QPSK	270	0		22.25			
100	16QAM	1	1		21.22		23.0	0.0
100	64QAM	1	1		19.62		21.5	1.5
100	256QAM	1	1		18.16		19.5	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.02	22.06	22.15	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	22.11	22.05	22.15	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	21.99	22.05	22.15	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	22.04	21.99	22.10	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	22.13	21.95	21.94	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	22.09	22.04	22.10	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	21.93	22.10	21.96	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	22.12	21.95	21.95	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.68		22.0	0.0
100	PI/2 BPSK	1	137		20.54			
100	PI/2 BPSK	1	271		20.71			
100	PI/2 BPSK	135	0		20.60		22.0	0.0
100	PI/2 BPSK	135	69		20.55		22.0	0.0
100	PI/2 BPSK	135	138		20.70		22.0	0.0
100	PI/2 BPSK	270	0		20.57			
100	QPSK	1	1		20.51		22.0	0.0
100	QPSK	1	137		20.75			
100	QPSK	1	271		20.52			
100	QPSK	135	0		20.61		22.0	0.0
100	QPSK	135	69		20.73		22.0	0.0
100	QPSK	135	138		20.70		22.0	0.0
100	QPSK	270	0		20.60			
100	16QAM	1	1		20.59		22.0	0.0
100	64QAM	1	1		20.73		22.0	0.0
100	256QAM	1	1		20.74		22.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.61	20.72	20.52	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	20.68	20.60	20.58	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	20.52	20.62	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	20.60	20.71	20.51	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.71	20.66	20.61	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	20.60	20.56	20.61	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	20.56	20.64	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	20.55	20.58	20.73	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.58		25.0	0.0
100	PI/2 BPSK	1	137		23.67			
100	PI/2 BPSK	1	271		23.51			
100	PI/2 BPSK	135	0		23.71		25.0	0.0
100	PI/2 BPSK	135	69		23.62		25.0	0.0
100	PI/2 BPSK	135	138		23.73		25.0	0.0
100	PI/2 BPSK	270	0		23.56			
100	QPSK	1	1		23.65		25.0	0.0
100	QPSK	1	137		23.75			
100	QPSK	1	271		23.66			
100	QPSK	135	0		23.70		25.0	0.0
100	QPSK	135	69		23.73		25.0	0.0
100	QPSK	135	138		23.58		25.0	0.0
100	QPSK	270	0		23.65			
100	16QAM	1	1		23.58		25.0	0.0
100	64QAM	1	1		22.51		24.5	0.5
100	256QAM	1	1		20.67		22.5	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.53	23.53	23.47	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	23.47	23.54	23.56	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	23.54	23.60	23.62	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	23.45	23.57	23.44	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.58	23.51	23.47	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	23.54	23.55	23.60	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	23.61	23.50	23.63	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.44	23.52	23.66	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.77		22.0	0.0
100	PI/2 BPSK	1	137		20.65			
100	PI/2 BPSK	1	271		20.83			
100	PI/2 BPSK	135	0		20.74		22.0	0.0
100	PI/2 BPSK	135	69		20.51		22.0	0.0
100	PI/2 BPSK	135	138		20.83		22.0	0.0
100	PI/2 BPSK	270	0		20.67			
100	QPSK	1	1		20.48		22.0	0.0
100	QPSK	1	137		20.88			
100	QPSK	1	271		20.52			
100	QPSK	135	0		20.54		22.0	0.0
100	QPSK	135	69		20.72		22.0	0.0
100	QPSK	135	138		20.68		22.0	0.0
100	QPSK	270	0		20.54			
100	16QAM	1	1		20.59		22.0	0.0
100	64QAM	1	1		20.76		22.0	0.0
100	256QAM	1	1		20.85		22.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.70	20.73	20.59	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.64	20.69	20.57	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	20.69	20.68	20.47	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	20.67	20.69	20.64	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	20.62	20.72	20.45	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	20.66	20.81	20.45	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	20.59	20.77	20.48	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	20.57	20.79	20.46	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		23.50		25.0	0.0
100	PI/2 BPSK	1	137		23.74			
100	PI/2 BPSK	1	271		23.61			
100	PI/2 BPSK	135	0		23.69		25.0	0.0
100	PI/2 BPSK	135	69		23.68		25.0	0.0
100	PI/2 BPSK	135	138		23.74		25.0	0.0
100	PI/2 BPSK	270	0		23.65			
100	QPSK	1	1		23.73		25.0	0.0
100	QPSK	1	137		23.90			
100	QPSK	1	271		23.76			
100	QPSK	135	0		23.81		25.0	0.0
100	QPSK	135	69		23.85		25.0	0.0
100	QPSK	135	138		23.53		25.0	0.0
100	QPSK	270	0		23.65			
100	16QAM	1	1		23.68		25.0	0.0
100	64QAM	1	1		22.51		24.5	0.5
100	256QAM	1	1		20.78		22.5	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.62	23.54	23.53	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.55	23.63	23.55	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.64	23.62	23.58	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.60	23.63	23.43	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	23.64	23.50	23.42	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.58	23.51	23.46	25.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.51	23.61	23.58	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	23.55	23.61	23.58	25.0	0.0

n2 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.72	20.75	20.62	22.0	0.0
20	PI/2 BPSK	1	26	20.63	20.71	20.64		
20	PI/2 BPSK	1	49	20.55	20.68	20.58		
20	PI/2 BPSK	25	0	20.03	20.18	20.07	21.5	0.5
20	PI/2 BPSK	25	13	20.70	20.73	20.63	22.0	0.0
20	PI/2 BPSK	25	26	20.08	20.20	20.06	21.5	0.5
20	PI/2 BPSK	50	0	20.20	20.27	20.15		
20	QPSK	1	1	20.76	20.83	20.71	22.0	0.0
20	QPSK	1	26	20.69	20.79	20.73		
20	QPSK	1	49	20.52	20.58	20.55		
20	QPSK	25	0	19.58	19.71	19.67	21.0	1.0
20	QPSK	25	13	20.68	20.79	20.73	22.0	0.0
20	QPSK	25	26	19.58	19.68	19.57	21.0	1.0
20	QPSK	50	0	19.61	19.72	19.59		
20	16QAM	1	1	19.41	19.48	19.41	21.0	1.0
20	64QAM	1	1	18.08	18.14	18.03	19.5	2.5
20	256QAM	1	1	16.61	16.68	16.54	17.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.65	20.80	20.57	22.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.68	20.71	20.63	22.0	0.0

n5 Ant7 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.68	21.73	21.70	23.0	0.0
20	PI/2 BPSK	1	26	21.52	21.57	21.45		
20	PI/2 BPSK	1	49	21.46	21.54	21.48		
20	PI/2 BPSK	25	0	21.14	21.23	21.18	22.5	0.5
20	PI/2 BPSK	25	13	21.66	21.69	21.64	23.0	0.0
20	PI/2 BPSK	25	26	21.09	21.24	21.15	22.5	0.5
20	PI/2 BPSK	50	0	21.15	21.29	21.15		
20	QPSK	1	1	21.71	21.76	21.63	23.0	0.0
20	QPSK	1	26	21.60	21.65	21.57		
20	QPSK	1	49	21.44	21.50	21.43		
20	QPSK	25	0	20.60	20.75	20.65	22.0	1.0
20	QPSK	25	13	21.60	21.70	21.62	23.0	0.0
20	QPSK	25	26	20.54	20.66	20.58	22.0	1.0
20	QPSK	50	0	20.69	20.73	20.62		
20	16QAM	1	1	20.29	20.41	20.38	22.0	1.0
20	64QAM	1	1	18.78	18.92	18.89	20.5	2.5
20	256QAM	1	1	17.40	17.52	17.46	18.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.62	21.71	21.53	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.66	21.69	21.49	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.37	19.47	19.24	20.0	0.0
100	PI/2 BPSK	1	137	19.48	19.38	19.20		
100	PI/2 BPSK	1	271	19.32	19.46	19.36		
100	PI/2 BPSK	135	0	19.40	19.52	19.22	20.0	0.0
100	PI/2 BPSK	135	69	19.38	19.54	19.35	20.0	0.0
100	PI/2 BPSK	135	138	19.31	19.41	19.20	20.0	0.0
100	PI/2 BPSK	270	0	19.48	19.45	19.34		
100	QPSK	1	1	19.32	19.52	19.36	20.0	0.0
100	QPSK	1	137	19.53	19.57	19.39		
100	QPSK	1	271	19.51	19.49	19.25		
100	QPSK	135	0	19.36	19.45	19.22	20.0	0.0
100	QPSK	135	69	19.46	19.51	19.26	20.0	0.0
100	QPSK	135	138	19.48	19.34	19.33	20.0	0.0
100	QPSK	270	0	19.33	19.43	19.30		
100	16QAM	1	1	19.44	19.56	19.22	20.0	0.0
100	64QAM	1	1	19.43	19.40	19.37	20.0	0.0
100	256QAM	1	1	18.97	18.82	18.79	20.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.37	19.56	19.28	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.33	19.51	19.29	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.45	19.40	19.35	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.36	19.53	19.28	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.42	19.52	19.21	20.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.53	19.33	19.35	20.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.51	19.42	19.22	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.31	19.50	19.27	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.45	19.41	19.21	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.44	19.45	19.30	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.88		20.0	0.0
100	PI/2 BPSK	1	137		19.85			
100	PI/2 BPSK	1	271		19.81			
100	PI/2 BPSK	135	0		19.73		20.0	0.0
100	PI/2 BPSK	135	69		19.89		20.0	0.0
100	PI/2 BPSK	135	138		19.86		20.0	0.0
100	PI/2 BPSK	270	0		19.81			
100	QPSK	1	1		19.85		20.0	0.0
100	QPSK	1	137		19.90			
100	QPSK	1	271		19.82			
100	QPSK	135	0		19.71		20.0	0.0
100	QPSK	135	69		19.83		20.0	0.0
100	QPSK	135	138		19.77		20.0	0.0
100	QPSK	270	0		19.71			
100	16QAM	1	1		19.85		20.0	0.0
100	64QAM	1	1		19.75		20.0	0.0
100	256QAM	1	1		19.63		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	19.57	19.66	19.69	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	19.61	19.57	19.79	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	19.72	19.75	19.74	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	19.71	19.56	19.69	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	19.74	19.66	19.73	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	19.67	19.77	19.66	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	19.62	19.56	19.62	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	19.77	19.75	19.72	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			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.34		19.0	0.0
100	PI/2 BPSK	1	137		18.37			
100	PI/2 BPSK	1	271		18.38			
100	PI/2 BPSK	135	0		18.47		19.0	0.0
100	PI/2 BPSK	135	69		18.24		19.0	0.0
100	PI/2 BPSK	135	138		18.25		19.0	0.0
100	PI/2 BPSK	270	0		18.39			
100	QPSK	1	1		18.32		19.0	0.0
100	QPSK	1	137		18.50			
100	QPSK	1	271		18.38			
100	QPSK	135	0		18.27		19.0	0.0
100	QPSK	135	69		18.42		19.0	0.0
100	QPSK	135	138		18.34		19.0	0.0
100	QPSK	270	0		18.31			
100	16QAM	1	1		18.36		19.0	0.0
100	64QAM	1	1		18.44		19.0	0.0
100	256QAM	1	1		18.36		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.29	18.34	18.32	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.28	18.35	18.16	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.18	18.18	18.28	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.21	18.29	18.20	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.21	18.26	18.14	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.27	18.33	18.21	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.27	18.13	18.25	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.33	18.15	18.23	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.92		22.0	0.0
100	PI/2 BPSK	1	137		21.09			
100	PI/2 BPSK	1	271		21.08			
100	PI/2 BPSK	135	0		21.07		22.0	0.0
100	PI/2 BPSK	135	69		20.99		22.0	0.0
100	PI/2 BPSK	135	138		20.91		22.0	0.0
100	PI/2 BPSK	270	0		20.98			
100	QPSK	1	1		20.97		22.0	0.0
100	QPSK	1	137		21.12			
100	QPSK	1	271		21.04			
100	QPSK	135	0		20.94		22.0	0.0
100	QPSK	135	69		21.08		22.0	0.0
100	QPSK	135	138		21.01		22.0	0.0
100	QPSK	270	0		20.91			
100	16QAM	1	1		21.11		22.0	0.0
100	64QAM	1	1		21.11		22.0	0.0
100	256QAM	1	1		20.62		22.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.82	20.86	21.02	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	20.91	20.93	21.00	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	20.97	20.90	20.85	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	20.93	21.02	20.86	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.90	20.97	20.96	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	20.99	20.95	20.89	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.79	20.86	21.02	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.98	20.80	20.82	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.57		19.0	0.0
100	PI/2 BPSK	1	137		17.44			
100	PI/2 BPSK	1	271		17.46			
100	PI/2 BPSK	135	0		17.76		19.0	0.0
100	PI/2 BPSK	135	69		17.49		19.0	0.0
100	PI/2 BPSK	135	138		17.38		19.0	0.0
100	PI/2 BPSK	270	0		17.54			
100	QPSK	1	1		17.47		19.0	0.0
100	QPSK	1	137		17.79			
100	QPSK	1	271		17.47			
100	QPSK	135	0		17.53		19.0	0.0
100	QPSK	135	69		17.70		19.0	0.0
100	QPSK	135	138		17.63		19.0	0.0
100	QPSK	270	0		17.55			
100	16QAM	1	1		17.64		19.0	0.0
100	64QAM	1	1		17.75		19.0	0.0
100	256QAM	1	1		17.55		19.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.60	17.47	17.53	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	17.61	17.58	17.44	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.57	17.45	17.47	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	17.58	17.49	17.60	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	17.63	17.41	17.59	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	17.50	17.48	17.63	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	17.59	17.52	17.54	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	17.42	17.48	17.57	19.0	0.0

PC2 Part27Q n78 Ant11 DSI7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.08		22.0	0.0
100	PI/2 BPSK	1	137		20.24			
100	PI/2 BPSK	1	271		20.25			
100	PI/2 BPSK	135	0		20.20		22.0	0.0
100	PI/2 BPSK	135	69		20.13		22.0	0.0
100	PI/2 BPSK	135	138		20.04		22.0	0.0
100	PI/2 BPSK	270	0		20.02			
100	QPSK	1	1		20.15		22.0	0.0
100	QPSK	1	137		20.35			
100	QPSK	1	271		20.06			
100	QPSK	135	0		20.07		22.0	0.0
100	QPSK	135	69		20.20		22.0	0.0
100	QPSK	135	138		20.13		22.0	0.0
100	QPSK	270	0		20.12			
100	16QAM	1	1		20.24		22.0	0.0
100	64QAM	1	1		20.34		22.0	0.0
100	256QAM	1	1		20.07		22.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.01	20.15	20.21	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	20.14	20.02	20.15	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	20.14	20.13	20.15	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	20.15	20.12	20.21	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	20.06	20.11	20.03	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	20.12	20.03	20.04	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	20.08	20.17	20.01	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	20.13	20.10	20.09	22.0	0.0

Band 23 Ant5 Default

Sub-carrier Spacing (KHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				25501	25600	25699		
Frequency (MHz)				2000.1	2010	2019.9		
3.75	BPSK	1	1	23.09	23.43	23.38	24	0
3.75	BPSK	1	46	23.15	23.45	23.45		
3.75	QPSK	1	1	23.24	23.53	23.51		
3.75	QPSK	1	46	23.23	23.48	23.41		0
15	BPSK	1	1	23.12	23.49	23.16		
15	BPSK	1	10	23.15	23.46	23.41		
15	QPSK	1	1	23.36	23.40	23.42		
15	QPSK	1	10	23.18	23.38	23.39		0
15	QPSK	3	0	21.82	22.20	22.14	23	1
15	QPSK	3	9	21.85	22.27	22.23		
15	QPSK	6	0	21.43	21.73	21.74	22	2
15	QPSK	6	6	21.34	21.66	21.60		
15	QPSK	12	0	21.41	21.87	21.62		

Band 255 Ant5 Default

Sub-carrier Spacing (KHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				261505	261674	261843		
Frequency (MHz)				1626.7	1643.3	1659.9		
3.75	BPSK	1	1	22.23	23.06	22.76	24	0
3.75	BPSK	1	46	22.27	23.08	22.79		
3.75	QPSK	1	1	22.45	23.26	22.81		
3.75	QPSK	1	46	22.29	23.16	22.77		0
15	BPSK	1	1	22.37	23.24	22.84		
15	BPSK	1	10	22.45	23.21	22.95		
15	QPSK	1	1	22.45	23.24	22.85		
15	QPSK	1	10	22.46	23.23	22.93		0
15	QPSK	3	0	21.10	22.13	22.41	23	1
15	QPSK	3	9	21.17	22.14	22.54		
15	QPSK	6	0	20.83	21.50	21.87	22	2
15	QPSK	6	6	20.58	21.52	21.72		
15	QPSK	12	0	20.28	21.10	21.02		

Band 23 Ant5 DSI3&6

Sub-carrier Spacing (KHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				25501	25600	25699		
Frequency (MHz)				2000.1	2010	2019.9		
3.75	BPSK	1	1	22.70	22.86	22.99	23.5	0
3.75	BPSK	1	46	22.82	22.86	23.04		
3.75	QPSK	1	1	22.68	23.10	23.09		
3.75	QPSK	1	46	22.83	22.98	22.91		0
15	BPSK	1	1	22.68	23.06	22.64		
15	BPSK	1	10	22.63	22.92	22.92		
15	QPSK	1	1	22.96	22.87	22.83		
15	QPSK	1	10	22.76	22.83	22.95		0
15	QPSK	3	0	21.82	22.20	22.14	23	0.5
15	QPSK	3	9	21.85	22.27	22.23		
15	QPSK	6	0	21.43	21.73	21.74	22	1.5
15	QPSK	6	6	21.34	21.66	21.60		
15	QPSK	12	0	21.71	21.88	21.93		

Band 255 Ant5 Default

Sub-carrier Spacing (KHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				261505	261674	261843		
Frequency (MHz)				1628.7	1643.3	1659.9		
3.75	BPSK	1	1	22.23	23.06	22.76	24	0
3.75	BPSK	1	46	22.27	23.08	22.79		
3.75	QPSK	1	1	22.45	23.26	22.81		
3.75	QPSK	1	46	22.29	23.16	22.77		0
15	BPSK	1	1	22.37	23.24	22.84		
15	BPSK	1	10	22.45	23.21	22.95		
15	QPSK	1	1	22.45	23.24	22.85		
15	QPSK	1	10	22.46	23.23	22.93		0
15	QPSK	3	0	21.10	22.13	22.41	23	1
15	QPSK	3	9	21.17	22.14	22.54		
15	QPSK	6	0	20.83	21.50	21.87	22	2
15	QPSK	6	6	20.58	21.52	21.72		
15	QPSK	12	0	20.28	21.10	21.02		

Band 23 Ant5 Default

Sub-carrier Spacing (KHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				25501	25600	25699		
Frequency (MHz)				2000.1	2010	2019.9		
3.75	BPSK	1	1	23.09	23.43	23.38	24	0
3.75	BPSK	1	46	23.15	23.45	23.45		
3.75	QPSK	1	1	23.24	23.53	23.51		
3.75	QPSK	1	46	23.23	23.48	23.41		0
15	BPSK	1	1	23.12	23.49	23.16		
15	BPSK	1	10	23.15	23.46	23.41		
15	QPSK	1	1	23.36	23.40	23.42		
15	QPSK	1	10	23.18	23.38	23.39		0
15	QPSK	3	0	21.82	22.20	22.14	23	1
15	QPSK	3	9	21.85	22.27	22.23		
15	QPSK	6	0	21.43	21.73	21.74	22	2
15	QPSK	6	6	21.34	21.66	21.60		
15	QPSK	12	0	21.41	21.87	21.62		

Band 255 Ant5 Default

Sub-carrier Spacing (KHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				261505	261674	261843		
Frequency (MHz)				1626.7	1643.3	1659.9		
3.75	BPSK	1	1	22.23	23.06	22.76	24	0
3.75	BPSK	1	46	22.27	23.08	22.79		
3.75	QPSK	1	1	22.45	23.26	22.81		
3.75	QPSK	1	46	22.29	23.16	22.77		0
15	BPSK	1	1	22.37	23.24	22.84		
15	BPSK	1	10	22.45	23.21	22.95		
15	QPSK	1	1	22.45	23.24	22.85		
15	QPSK	1	10	22.46	23.23	22.93		0
15	QPSK	3	0	21.10	22.13	22.41	23	1
15	QPSK	3	9	21.17	22.14	22.54		
15	QPSK	6	0	20.83	21.50	21.87	22	2
15	QPSK	6	6	20.58	21.52	21.72		
15	QPSK	12	0	20.28	21.10	21.02		

Conducted Power for WLAN/Bluetooth

2.4GHz WLAN				Ant 8 Full Power Receiver off		Receiver on		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	18.80	20.50	17.22	19.00	12.32	14.00	100.00
		6	2437	19.30	20.50	17.92	19.00	12.83	14.00	
		11	2462	19.20	20.50	17.90	19.00	12.82	14.00	
	802.11g 6Mbps	1	2412	17.20	18.50	Not Required	18.50	Not Required	14.00	97.57
		6	2437	18.60	19.50		19.00		14.00	
		11	2462	18.50	19.50		19.00		14.00	
	802.11n-HT20 MCS0	1	2412	16.30	17.50		17.50		14.00	97.29
		6	2437	17.60	18.50		18.50		14.00	
		11	2462	17.50	18.50		18.50		14.00	
	802.11n-HT40 MCS0	3	2422	13.40	14.50		14.50		14.00	95.13
		6	2437	17.10	18.00		18.00		14.00	
		9	2452	15.50	16.50		16.50		14.00	

5.2GHz WLAN				Ant 9 Full Power Receiver on		Head Simultaneous		Receiver off&extrmity		Hotspot/Body-worn Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	15.87	17.00	Not Required	17.00	Not Required	16.50	Not Required	11.50	97.46
		40	5200	17.25	18.50		18.00		16.50		11.50	
		44	5220	17.39	18.50		18.00		16.50		11.50	
		48	5240	17.75	19.00		18.00		16.50		11.50	
	802.11n-HT20 MCS0	36	5180	15.75	17.00		17.50		16.50		11.50	97.28
		40	5200	16.94	18.00		18.00		16.50		11.50	
		44	5220	17.06	18.00		18.00		16.50		11.50	
		48	5240	17.20	18.00		18.00		16.50		11.50	
	802.11n-HT40 MCS0	38	5190	12.12	14.00	12.12	14.00	12.12	14.00	9.32	11.50	94.92
		46	5230	16.84	18.00	16.84	18.00	15.43	16.50	10.41	11.50	
	802.11ac-VHT20 MCS0	36	5180	15.68	17.00	Not Required	17.00	Not Required	16.50	Not Required	11.50	97.41
		40	5200	16.24	17.50		17.50		16.50		11.50	
		44	5220	16.35	17.50		17.50		16.50		11.50	
		48	5240	16.67	17.50		17.50		16.50		11.50	
	802.11ac-VHT40 MCS0	38	5190	12.08	13.00		13.00		13.00		11.50	94.96
		46	5230	16.36	17.50		17.50		16.50		11.50	
	802.11ac-VHT80 MCS0	42	5210	9.02	10.00		10.00		10.00		10.00	90.32

5.3GHz WLAN				Ant 9 Full Power Receiver on		Head Simultaneous		Receiver off&extrmity		Body-worn Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.62	19.00	Not Required	18.00	Not Required	16.50	Not Required	11.00	97.46
		56	5280	17.58	19.00		18.00		16.50		11.00	
		60	5300	17.74	19.00		18.00		16.50		11.00	
		64	5320	17.30	18.50		18.00		16.50		11.00	
	802.11n-HT20 MCS0	52	5260	17.06	18.00		18.00		16.50		11.00	97.28
		56	5280	17.04	18.00		18.00		16.50		11.00	
		60	5300	17.19	18.00		18.00		16.50		11.00	
		64	5320	16.74	18.00		18.00		16.50		11.00	
	802.11n-HT40 MCS0	54	5270	16.86	18.00	16.86	18.00	15.57	16.50		11.00	94.92
		62	5310	12.87	14.00	12.87	14.00	12.87	14.00		11.00	
	802.11ac-VHT20 MCS0	52	5260	16.52	17.50	Not Required	17.50	Not Required	16.50		11.00	97.41
		56	5280	16.46	17.50		17.50		16.50		11.00	
		60	5300	16.65	17.50		17.50		16.50		11.00	
		64	5320	16.70	17.50		17.50		16.50		11.00	
	802.11ac-VHT40 MCS0	54	5270	16.42	17.50		17.50		16.50		11.00	94.96
		62	5310	12.82	14.00		14.00		14.00		11.00	
	802.11ac-VHT80 MCS0	58	5290	10.22	11.00		11.00		11.00	10.22	11.00	90.32

5.5GHz WLAN				Ant 9 Full Power Receiver on		Receiver off&extrmity		Body-worn Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	16.92	18.50	Not Required	13.00	Not Required	9.00	97.46
		116	5580	17.32	18.50		13.00		9.00	
		124	5620	17.24	18.50		13.00		9.00	
		132	5660	17.14	18.50		13.00		9.00	
		140	5700	15.06	16.00		13.00		9.00	
		144	5720	17.11	18.50		13.00		9.00	
	802.11n-HT20 MCS0	100	5500	16.35	17.50		13.00		9.00	97.28
		116	5580	16.73	17.50		13.00		9.00	
		124	5620	16.58	17.50		13.00		9.00	
		132	5660	16.33	17.50		13.00		9.00	
		140	5700	14.38	15.50		13.00		9.00	
		144	5720	16.59	17.50		13.00		9.00	
	802.11n-HT40 MCS0	102	5510	13.51	14.50		13.00		9.00	94.92
		110	5550	16.21	17.50		13.00		9.00	
		126	5630	16.11	17.50		13.00		9.00	
		134	5670	15.77	17.00		13.00		9.00	
		142	5710	16.18	17.00		13.00		9.00	
	802.11ac-VHT20 MCS0	100	5500	15.79	17.00		13.00		9.00	97.41
		116	5580	16.17	17.00		13.00		9.00	
		124	5620	16.02	17.00		13.00		9.00	
		132	5660	15.94	17.00		13.00		9.00	
		140	5700	14.34	15.50		13.00		9.00	
		144	5720	16.05	17.00		13.00		9.00	
	802.11ac-VHT40 MCS0	102	5510	13.46	14.50		13.00		9.00	94.96
		110	5550	15.61	16.50		13.00		9.00	
		126	5630	15.55	16.50		13.00		9.00	
		134	5670	15.75	17.00		13.00		9.00	
		142	5710	15.78	17.00		13.00		9.00	
	802.11ac-VHT80 MCS0	106	5530	10.47	11.50	10.47	11.50	7.88	9.00	90.32
		122	5610	13.59	14.50	12.20	13.00	8.18	9.00	
		138	5690	13.54	14.50	12.07	13.00	8.00	9.00	

5.8GHz WLAN				Ant 9 Full Power Receiver on		Receiver off&extrmity		Body-worn&Hotspot 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 %
5.8GHz WLAN	802.11a 6Mbps	149	5745	17.44	18.50	Not Required	12.50	Not Required	7.50	97.46
		157	5785	17.47	18.50		12.50		7.50	
		165	5825	17.31	18.50		12.50		7.50	
	802.11n-HT20 MCS0	149	5745	16.95	18.00		12.50		7.50	97.28
		157	5785	16.97	18.00		12.50		7.50	
		165	5825	16.88	18.00		12.50		7.50	
	802.11n-HT40 MCS0	151	5755	16.65	17.50		12.50		7.50	94.92
		159	5795	16.62	17.50		12.50		7.50	
	802.11ac-VHT20 MCS0	149	5745	16.36	17.50		12.50		7.50	97.41
		157	5785	16.35	17.50		12.50		7.50	
		165	5825	16.28	17.50		12.50		7.50	
	802.11ac-VHT40 MCS0	151	5755	16.21	17.50		12.50		7.50	94.96
		159	5795	16.11	17.50		12.50		7.50	
	802.11ac-VHT80 MCS0	155	5775	13.74	15.00	11.35	12.50	6.42	7.50	90.32

BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	11.10	9.40	9.30
	CH 39	2441	11.00	9.10	9.00
	CH 78	2480	10.90	8.90	8.90
Tune-up Limit			12.00	10.00	10.00

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	-1.40
	CH 19	2440	-0.90
	CH 39	2480	-0.70
Tune-up Limit			1.00

BLE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	-1.30
	CH 19	2440	-0.90
	CH 39	2480	-0.60
Tune-up Limit			1.00